



UAC Global Public Company Limited

บริษัท ยูเอซี โกลบอล จำกัด (มหาชน)



ANNUAL REPORT 2018

รายงานประจำปี 2561

Contents

Vision and Missions	01
Financial Highlights	02
Message from the Board of Directors	03
Organization Structure	05
Board of Directors	06
Details of the Board of Directors and Executives	07
Report of the Audit Committee	16
Report of Corporate Governance Committee	18
Report of Risk Management Committee	20
Report of the Nomination and Remuneration Committee	21
General Information and Nature of Business	22
Revenue Structure-Consolidated Financial Statement	52
Risk Factors	53
Shareholders Structure and Management Structure	65
Corporate Governance	84
Social Responsibility	106
Connected Persons and Related Transaction	107
Management Discussion and Analysis of the Operating Results	116
Report of the Boards of Directors' Responsibilities for Financial Statements	121
Independent Auditor's Report	122
Statements of Financial Position	127
Notes to Financial Statements	136

We Build our people...

And our people build

Our business





Vision

The Company determines to be an environmental friendly operator of clean energy, petrochemicals and utilities and it shall maintain its national leadership and to be accepted at international level.

Missions

1. To determine to engage business in clean and environmental friendly energy, petrochemicals and utilities beneficially to the country, environment and society,
2. To operate business by adhering to corporate governance principles by treating business partners fairly, transparently and anti-corruption.
3. To be responsible to shareholders by adding values to business continually and creating stable returns to the shareholders in the long run.
4. To determine to become a happy organization by taking into consideration the fair working environment and compensation and promotion of career path of the employees.

Financial Highlights

Unit: Million Baht

Financial Highlights	2018	2017	2016
Total Assets	4,032.66	3,163.65	2,989.56
Total Liabilities	2,728.63	1,850.87	1,738.93
Total Shareholders' Equity	1,304.03	1,312.77	1,250.63
Total Revenue	2,552.89	1,626.87	1,324.55
Selling and Administrative Expenses	222.36	200.40	257.38
Other Revenues	56.02	29.72	25.37
Share of gain (loss) from Investment in Associated Company	59.13	2.53	31.19
EBITDA	361.49	296.63	192.37
Net Profit	136.51	95.40	12.87
Earning per Share (Baht)	0.21	0.15	0.03
Registered capital	367.18	433.94	433.94
Paid-up capital	333.80	333.80	333.80
Financial Ratio	2561	2560	2559
Net Profit Margin (%)	5.35	5.85	0.95
Return on Equity (%)	10.97	8.10	1.60
Return on Assets (%)	3.88	3.27	0.64
Debt to Equity (times)	2.15	1.45	1.42



Message from the Board of Directors

UAC Global Public Company Limited determines to operate business under the corporate governance principles together with responsibility to environment, society and all stakeholders by focus on development of work processes to maximize efficiency and effectiveness; development of the employees' potential to make them knowledgeable and capable including cultivation of "WE R UAC" value to all employees to make them realize about participation and responsibility to organization and the society. The Company strongly believes that good personnel are the main factor that can lead UAC to successfully attainment of targets on having the stable and sustainable business operations by adhering to corporate governance principle, transparent and equitable treatment and anti-corruption.

Due to the fast changing of global economic condition, politics and environment which broadly impact to business sectors, the Board of Directors therefore has reviewed policy, target and strategy of its business operations, both short-term and long-term, by taking into account current and future tendency of national and global economic conditions, including the public sectors' policies in order to increase business opportunities for sustainable growth of the organization and the stakeholders and for achievement of target to increase revenue to 5,000 million Baht by 2022. *Those plans include focus on growth of Trading Business, which is the main source of revenue, investment in chemical products and energy projects, both domestically and internationally, as well as development of work processes with ultimate aim of Operation Excellence to reduce relevant costs and expenses. The Board of Directors has closely monitored management of the Management in order to make operations of the Management and the employees follow the specified policy and strategy. The Risk Management Committee has been assigned to prudently and carefully consider risks from project investments and other investments by considering risk factors in all aspects. Consequently, business operations of UAC in year 2018 achieved the highest success level since its establishment of more than 23 years ago, as revenues and assets have been increased by 56 percent and 28 percent, respectively, from the previous year. Furthermore, the Petroleum Production Plant (PPP) in Sukhothai Province has been awarded for outstanding workplace on occupational safety, health and working conditions at provincial level for 2018 from Department of Labor Protection and Welfare, including received honorable mention award from EIA Monitoring Award, arranged by the Ministry of Natural Resources and Environment. Hence, these awards are solid proof that UAC has operated business by largely taking into consideration all stakeholders. Accordingly, in 2018 UAC has been selected by the Stock Exchange of Thailand to be "Thailand Sustainability Investment (THSI)" for the third consecutive year.

For operating results in 2018, revenue from sales and services of UAC and the companies within the Group were 2,552 million Baht, an increase by 56.92 percent of 2017 due to the Company's recognition of revenue from sales of chemical products to main customers in Petrochemical Industry as chemicals was required to be replaced pursuant to the production process cycle and also recognition of revenue from investment in energy projects. Earnings before interest tax, depreciation and amortization (EBITDA) and net profit were 361.49 million Baht and 136.51 million Baht, respectively, increasing by 43.09 percent and 21.87 percent from the previous year compared with the previous year. In addition, profit sharing from investments in Bangchak Bio-fuel Company Limited, an associated company that the Company held 30% of its shares, has increased by 2,205.67 percent which was attributable to

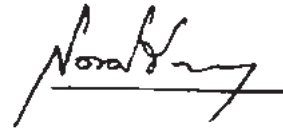
the government policy to maintain mixing ratio of biodiesel in diesel oil of 7 percent (B7) throughout the year.

On behalf of the Board of Directors, we would like to thank all shareholders, stakeholders, including the Company's executives and employees for continually confidence, support as well as for provision of good cooperation with UAC. All of them are important force to drive UAC to grow up and develop

continually, firmly, in line with the corporate governance principles, and add value to the organization and thriving returns to the shareholders and stakeholders constantly and sustainably.




(Assoc. Prof. Dr. Paiboon Sareewiwatthana)
Chairman of the Board of Directors

(Mr. Kittti Jivacate)
Chief Executive Officer

W

E

R

U

A

C

WORK PLACE
HAPPINESS

ETHICS

RESPONSIBILITY

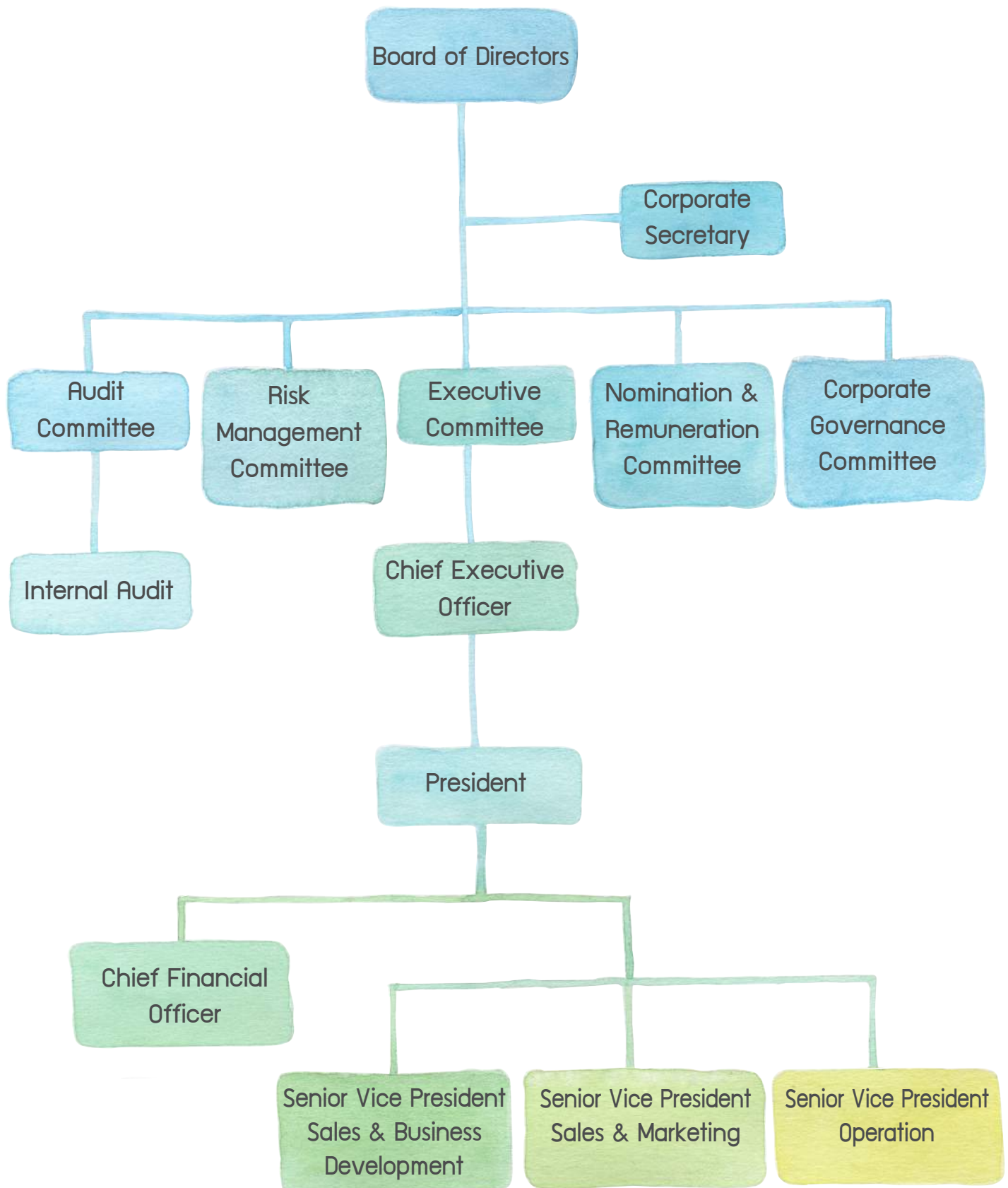
UNITY

AUTHENTICITY

COMPETENCY



Organization Structure



Board of Directors



3 2 5 6
7 1 4

1. Assoc. Prof. Dr. Paiboon Sareewiwatthana

- Chairman of the Board of Director

2. Mr. Kitti Jivacate

- Director
- Chief Executive Officer
- Chairman of Executive Committee

3. Mr. Chatchaphol Prasopchoke

- Director
- President
- Member of Executive Committee
- Member of Risk Management Committee

4. Miss Nilrat Jarumanopas

- Director
- Chief Financial Officer
- Member of Executive Committee
- Member of Corporate Governance Committee

5. Assoc. Prof. Dr. Aekkachai Nittayakasetwat

- Independent Director
- Chairman of Audit Committee
- Chairman of Corporate Governance Committee
- Member of Nomination & Remuneration Committee
- Member of Risk Management Committee

6. Assoc. Prof. Dr. Paritud Bhandhubanyong

- Independent Director
- Member of Nomination & Remuneration Committee
- Chairman of Risk Management Committee
- Member of Audit Committee

7. Miss Jeerapan Jinda

- Independent Director
- Member of Corporate Governance Committee
- Chairman of Nomination & Remuneration Committee
- Member of Audit Committee



Names and Experiences of Board of Directors and Executives

Assoc. Prof. Dr. Paiboon Sareewiwatthana

Chairman of the Board of Directors

Age 64 years

Education / Training

- Ph.D. (Finance) University of Mississippi, U.S.A.
- M.B.A., (Management) National Institute of Development Administration
- B.Eng. (Chemical Engineering) Chulalongkorn University
- Directors Certification Program (DCP) #12/2001 (IOD)
- Role of the Chairman Program (RCP) #33/2014 (IOD)



% of shareholding

UAC : 1,620,505 shares (0.24% including related persons)

Increase/Decrease from 2018 = - shares

Relationship of other Executives -None-

Work Experience

UAC Global Public Company Limited

Feb 2012 - Present

Chairman

Other Business

Relevant Important Positions in Listed Company (2 Companies)

Aug 2014 - Present

Chairman - BT Wealth Industry Public Company Limited

2012 - Present

Chairman - Union Auction Public Company Limited

2002 - Dec 2015

Independent Director and Chairman of Audit Committee -
Maybank Kim Eng Securities (Thailand) Public Company
Limited

2001 - Mar 2015

Independent Director and Member of Audit Committee
- Team Precision Public Company Limited

Relevant Important Positions in Non-listed Company (2 Companies)

Aug 2016 - Present

Chairman - Chic Republic Public Company Limited

May 2013 - Jan 2019

Chairman - Thai Packaging Industry Public Company Limited

1984 - Present

Associated Professor level 9 - National Institute of Development
Administration

Mr. Kitti Jivacate

Director / Chairman of Executive Committee / Chief Executive Officer

Age 64 years

Education / Training

- M.B.A., Sasin Graduate Institute of Business Administration of Chulalongkorn University
- B.Eng. (Chemical Engineering) Chulalongkorn University
- Directors Accreditation Program (DAP) #82/2010 (IOD)
- Directors Certification Program (DCP) #142/2011 (IOD)
- Top Management Program #16 (Capital Market Academy)



% of shareholding

UAC : 322,871,363 shares (48.36%)

Increase from 2018 = 374,700 shares

Relationship of other Executives

Brother-in-law with Miss Nilrat Jarumanopas

Work Experience

UAC Global Public Company Limited

12 June 2014 - Present	Chief Executive Officer
2010 - Present	Chairman of Executive Committee
2008 - Present	Director
21 Feb 2011 - 11 June 2014	President & Chief Executive Officer

Other Business

Relevant Important Positions in Listed Company

-None-

Relevant Important Positions in Non-listed Company (7 Companies)

Jan 2016 - Present	Director - PPWE Company Limited
Jan 2015 - Present	Director - UAC Advance Polymer & Chemicals Company Limited
Aug 2013 - Present	Director - UAC Energy Company Limited
Nov 2012 - Present	Director - UAC & TPT Energy Company Limited
Apr 2011 - Present	Director - UAC Utilities Company Limited
2008 - Present	Director - Bangchak Biofuel Company Limited
1997 - Present	Director - Suthossamit Company Limited



Mr. Chatchaphol Prasopchoke

Director / Member of Risk Management Committee /
Member of Executive Committee / President

Age 50 years

Education / Training

- M.B.A., Thammasat University
- B.Eng., (Electrical Engineer) King Mongkut's Institute of Technology Ladkrabang
- Directors Accreditation Program (DAP) #82/2010 (IOD)
- Directors Certification Program (DCP) #147/2011 (IOD)
- TLCA Executive Development Program (EDP) #8/2011
- Future Entrepreneur Forum #1/2013 (CEDI)
- The Executive Program of Energy Literacy for a Sustainable Future Class 7/2015, (Thailand Energy Academy)
- Leadership Development Program 2015 (TLCA)
- Leadership Succession Program #5/2015 (IRDP)
- Advanced Master of Management Program (AMM) #2/2018 (Nida)



% of shareholding

UAC : 4,455,542 shares (0.67%)

Increase from 2018 = 7,100 shares

Relationship of other Executives

-None-

Work Experience

UAC Global Public Company Limited

12 June 2014 - Present	President
Mar 2012 - Present	Member of Risk Management Committee
2010 - Present	Director
2010 - Present	Member of Executive Committee
2010 - June 2014	Executive Vice President - Sales, Marketing and Operation

Other Business

Relevant Important Positions in Listed Company

-None-

Relevant Important Positions in Non-listed Company (12 Companies)

Nov 2017 - Present	Director - ODIN Myanmar Company Limited
Jan 2017 - Present	Director - ODIN Power Company Limited
Jan 2017 - Present	Director - UAC Top Energy Company Limited
Jan 2016 - Present	Director - PPWE Company Limited
Jan 2015 - Present	Director - UAC Advance Polymer & Chemicals Company Limited
Aug 2014 - Present	Director - Solar Energy Roof Power Company Limited
Dec 2014 - Present	Director - UAC TPT Pellets Company Limited
Oct 2013 - Present	Director - Sebigas UAC Company Limited
Aug 2013 - Present	Director - UAC Energy Company Limited
Nov 2012 - Present	Director - UAC & TPT Energy Company Limited
Aug 2012 - Present	Director - Bangchak Biofuel Company Limited
Mar 2012 - Present	Director - UAC Utilities Company Limited

Miss Nilrat Jarumanopas

Director / Member of Corporate Governance Committee /
Member of Executive Committee / Chief Executive Finance Officer

Age 60 years

Education / Training

- M.B.A., University of the Thai Chamber of Commerce
- B.B.A., Chiang Mai University
- B.B.A., (Accounting), Dhurakij Pundit University
- Directors Accreditation Program (DAP) # 82/2010 (IOD)
- Directors Certification Program (DCP) #141/2011 (IOD)
- Chief Financial Officer Certification Program #17/2015
- Leadership Succession Program #5/2016 (IRDP)
- Strategic Financial Leadership Program (SFLP) 2017
- Strategic CFO in Capital Market #7/2018



% of shareholding

UAC : 30,393,901 shares (4.55%)

Increase/Decrease from 2018 = - shares

Relationship of other Executives Sister-in-law with Mr. Kittti Jivacate

Work Experience

UAC Global Public Company Limited

2012 - Present	Member of Corporate Governance Committee
2010 - Present	Member of Executive Committee
2010 - Present	Executive Vice President - Finance & Accounting
2002 - Present	Director

Other Business

Relevant Important Positions in Listed Company

-None-

Relevant Important Positions in Non-listed Company (8 Companies)

Jan 2017 - Present	Director - ODIN Myanmar Company Limited
Jan 2015 - Present	Director - UAC Advance Polymer & Chemicals Company Limited
Aug 2014 - Present	Director - Solar Energy Roof Power Company Limited
Dec 2014 - Present	Director - UAC TPT Pellets Company Limited
Oct 2013 - Present	Director - Sebigas UAC Company Limited
Aug 2013 - Present	Director - UAC Energy Company Limited
Nov 2012 - Present	Director - UAC & TPT Energy Company Limited
Mar 2012 - Present	Director - UAC Utilities Company Limited



Assoc. Prof. Dr. Aekkachai Nittayakasetwat

Independent Director / Chairman of Audit Committee / Chairman of Corporate Governance / Member of Nomination & Remuneration Committee / Member of Risk Management Committee

Age 55 years

Education / Training

- Ph.D. (Finance) University of Mississippi, U.S.A.
- M.B.A., (Finance) National Institute of Development Administration
- B.Sc. (Chemical Engineer), Chulalongkorn University
- Director Accreditation Program (DAP) #35/2005 (IOD)
- Role of the Compensation Committee (RCC) #11/2010 (IOD)
- Compensation Survey #1/2011 (IOD)
- Risk Management Committee Program (RMP) #2/2015 (IOD)
- Director Certification Program (DCP) #240/2017 (IOD)
- Risk Management Program for Corporate Leaders (RCL) #9/2017 (IOD)

% of shareholding -None-

Relationship of other Executives -None-

Work Experience

UAC Global Public Company Limited

2012 - Present	Chairman of Corporate Governance Committee
2010 - Present	Independent Director
2010 - Present	Chairman of Audit Committee
2010 - Present	Member of Nomination & Remuneration Committee
2010 - Present	Member of Risk Management Committee

Other Business

Relevant Important Positions in Listed Company (4 Companies)

2015 - Present	Independent Director and Member of Audit Committee - Getabec Public Company Limited
2011 - Present	Independent Director and Member of Audit Committee - Stars Microelectronics Public Company Limited
2011 - Present	Independent Director and Member of Audit Committee - Panjawattana Plastics Public Company Limited
2006 - Present	Independent Director and Member of Audit Committee - TRC Construction Plc.

Relevant Important Positions in Non-listed Company (1 Companies)

2009 - Present	Independent Director and Member of Audit Committee - GT Wealth Management Company Limited
----------------	---

Assoc. Prof. Dr. Paritud Bhandhubanyong

Independent Director / Chairman of Risk Management Committee / Member of Audit Committee / Member of Nomination & Remuneration Committee

Age 64 years

Education / Training

- Honorary Doctorate, Nagaoka University of Technology
- D.English (IE) (Metallurgy), The University of Tokyo
- M.B.A., Thammasat University
- M.Eng. (IE) Chulalongkorn University
- B.Eng. (IE) Chulalongkorn University
- Director Accreditation Program (DAP) #71/2008 (IOD)
- Director Certification Program (DCP) #105/2008 (IOD)
- Auditing Committee Program (ACP) #36/2011 (IOD)
- Role of the Compensation Committee (RCC) #15/2012 (IOD)
- Successful Formulation & Execution of Strategy (SFE) #17/2013 (IOD)
- How to Measure the Success of Corporate Strategy (HMS) #2/2013 (IOD)
- Director Certification Program Update (DCPU) #1/2015 (IOD)
- Advanced Audit Committee Program (AACP) #20/2015 (IOD)
- Strategic Board Master Class (SBM) #1/2017 (IOD)
- Risk Management Program for Corporate Leader #9/2017 (IOD)



% of shareholding

-None-

Relationship of other Executives

-None-

Work Experience

UAC Global Public Company Limited

Mar 2012 - Present	Chairman of Risk Management Committee
2010 - Present	Independent Director
2010 - Present	Member of Audit Committee
2010 - Present	Member of Nomination & Remuneration Committee

Other Business

Relevant Important Positions in Listed Company (2 Companies)

2015 - Present	Chairman Independent Director and Member of Audit Committee - Getabec Public Company Limited
2012 - Present	Independent Director and Member of Audit Committee - Premier Products Public Company Limited
2007 - Apr 2015	Independent Director - Premier Technology Public Company Limited

Relevant Important Positions in Non-listed Company (2 Companies)

2013 - Present	Executive Director, Education and Special Project Development - Panyapiwat Institute of Management
Nov 2014 - 2016	Expert attached to the Member of the National Reform Council number 025
2007 - Present	Advisor to the President - National Science and Technology Development Agency



Miss Jeerapan Jinda

Independent Director / Chairman of Nomination & Remuneration Committee/
Member of Audit Committee / Member of Corporate Governance Committee

Age 55 years

Education / Training

- M.B.A. (Finance), The National Institute of Development Administration
- B.Sc. (Chemistry), Chulalongkorn University
- Director Accreditation Program (DAP) #82/2010 (IOD)
- Role of the Compensation Committee (RCC) #11/2010 (IOD)
- Directors Certification Program (DCP) #168/2013 (IOD)



% of shareholding -None-

Relationship of other Executives -None-

Work Experience

UAC Global Public Company Limited

2012 - Present	Member of Corporate Governance Committee
2010 - Present	Independent Director
2010 - Present	Member Member of Audit Committee
2010 - Present	Member of Nomination & Remuneration Committee

Other Business

Relevant Important Positions in Listed Company

-None-

Relevant Important Positions in Non-listed Company (1 Companies)

2004 - Present	Managing Director Wisen Consultants Co., Ltd.
----------------	---

Miss Preeyaporn Thanaratset

Senior Vice President – Sales & Marketing

Age 52 years

Education / Training

- M.B.A., Bangkok University
- B.Sc. (Chemistry), Chulalongkorn University
- Directors Accreditation Program (DAP) #93/2011 (IOD)
- Executive Development Program (EDP) #9/2012 (TLCA)
- Management Development Program (MDP) #19/2014 (TMA)
- Senior Executive Program (SEP) #31/2017 (Sasin)

% of shareholding

UAC : 92,201 shares (0.01%)
Increase from 2018 = - shares

Relationship of other Executives -None-

Work Experience

UAC Global Public Company Limited

Oct 2010 - Present

Senior Vice President - Sales & Marketing

Other Business

Relevant Important Positions in Listed Company

-None-

Relevant Important Positions in Non-listed Company

-None-



Mr. Chaiyot Chunwijitra

Senior Vice President – Operation

Age 46 years

Education / Training

- MBA. General Management : Dhonburi Rajabhat University
- Bachelor of Engineering : Rajamangala Institute of Technology North Bangkok Campus
- Bachelor of Science (Industrial Technology) : Rajabhat Rajanagarindra University
- Capital Expenditure Budget Analysis for Sustainable Growth #1/2016 (TMA)

% of shareholding -None-

Relationship of other Executives -None-

Work Experience

UAC Global Public Company Limited

15 Feb 2016 - Present

Senior Vice President - Operation

Other Business

Relevant Important Positions in Listed Company

-None-

Relevant Important Positions in Non-listed Company

2014 - Feb 2016

Plant Engineering Manager SEA. - National Starch and Chemical (Thailand) Ltd.

Report of The Audit Committee

To The Shareholders

The Audit Committee of UAC Global Public Company Limited consists of 3 Independent Directors who are competent, experienced and fully qualified as per stipulated by the Stock Exchange of Thailand, namely Assoc. Prof. Dr. Aekkachai Nittayakasetwat, the Chairman of the Audit Committee; Assoc. Prof. Dr. Paritud Bhandhubanyong and Miss Jeerapan Jinda, the Audit Committee members. In 2018, all members of the Audit Committee attended 7 meetings arranged, of which 6 of them were ordinary meetings and 1 meeting has been held with the auditor without participation of the Management. The Audit Committee has performed duties and per specified in the Audit Committee Charter and as per assigned by the Board of Directors.

The Audit Committee's significant activities performed in 2018 have been summarized below:

1. Review the financial reports: The Audit Committee has reviewed quarterly and annual financial statements of 2018 of the Company and its subsidiaries, the related transactions between the shareholders and the subsidiaries or the related companies as well as information disclosure and notes to financial statements. During the Audit Committee's meeting, the auditor and the relevant Management jointly attended to propose the agenda on consideration of the financial statements in order to report, analyze the operating results and answer any enquiries of the Audit Committee ascertain that the preparation of financial statements and information disclosure have been adequately, correctly, completely, on timely manner and concordantly with the financial statement reporting standards, as well as reliable and beneficial to the users of financial statements.

Moreover, on November 13, 2018, the Audit Committee has arranged the 2018 annual meeting with the auditor without the Company's Management to discuss and exchange views on significant matters that the Company and its subsidiaries should improve as per appeared in the auditing observation report under Key Audit Matters (KAMs) in the auditor's report to make sure that the auditor has performed duties and expressed opinions independent without any restriction.

2. Review assessment of internal control: The Audit Committee has reviewed the internal control system of the Company and its subsidiaries from the performance report of the internal auditor and the auditor and also considered the assessment form on adequacy of the internal control system for 2018 before proposal to the Board of Directors' meeting. For 2018, the Audit Committee and the Board of Directors were of opinion that the Company and its subsidiaries have appropriated and adequate internal control systems.

3. Supervise internal audit operations. The Audit Committee has selected EL Business Advisory Company Limited, the independent auditor, as the Company's internal auditor for 2018 and considered the appropriateness of the annual audit plan. In this regard, the internal auditor has been assigned to report performance and suggestion including monitor progress on improvement of the suggested issues to the Audit Committee's meeting every quarter to ensure that the operations of the internal control systems of the Company and its subsidiaries efficiently and properly.



4. Review compliance with the laws. The Audit Committee has reviewed the compliance with the laws, rules, regulations, requirements of the Stock Exchange of Thailand and the Office of the Securities and Exchange Commission and other laws related to the Company's business and did not find any transaction undertaken by the Company and its subsidiaries which was against the relevant laws and regulations.

5. Consider on appointment of the auditor and auditing fee: The Audit Committee has considered and selected D I A International Company Limited to be the Company's auditor for 2018 by considering from skills, knowledge, capability, expertise, experiences, independence of the auditor and quality of past year performance as well as reasonable auditing fees. After that, the Audit Committee has provided comments to the Board of Directors' meeting for consideration and further proposal to the 2018 Annual General Meeting of Shareholders for approval on appointment of the auditor.

In conclusion, the Audit Committee has performed duties by applying adequate knowledge, capability, carefulness and independence for equitable benefits of the stakeholders and was of opinion that the Company's financial reports were accurate, reliable and corresponding to the generally accepted accounting standards. The Company and its subsidiaries have performed the works under suitable and efficient internal control system and internal audit and have fully complied with the laws, regulations and obligations relevant to the Company's business operations

(Assoc. Prof. Dr. Aekkachai Nittayakasetwat)

Chairman of the Audit Committee

Report of the Corporate Governance Committee

The Board of Directors puts strong emphasis on promotion and compliance with corporate governance principles to strengthen confidence of all stakeholders. The Board of Directors assigned the Corporate Governance Committee which consists of 3 members to propose corporate governance practices to the Board of Directors, supervise operations of the directors and the management to ensure that they shall comply with the corporate governance principles specified in the Company's corporate governance policy. In 2018, the Corporate Governance Committee has arranged 1 meeting to review and improve the Company's corporate governance policy to make it corresponding to the international operating practice as well all relevant laws, rules, criteria and regulations. This Committee also monitored the operations pursuant to 5 main topics which can be summarized as follows:

1. The Right of Shareholders

- Provide sufficient information on date, time, venue and meeting agenda of the 2018 Annual General Meeting of Shareholders as well as all information related to the agenda which are required to be considered to the shareholders in advance and on timely manner.
- Disseminate information related to the 2018 Annual General Meeting of Shareholders through the Company's website in advance to allow the shareholders to have adequate time to study information as well as facilitate the shareholders so that they can fully exercise their rights to participate and to vote in the meeting. As a result, the Company obtained 100 scores from assessment on AGM Checklist by the Thai Investors Association.

2. The Equitable Treatment of Shareholders

- As part of corporate governance principle, the Company allowed the shareholders to propose meeting agenda and nomination of director's name for the General Meeting of Shareholders in advance during September 20, 2017 to December 31, 2017.
- The Company specified that the directors and the executives are obligated to report their securities holding of the Company. In case of trading of the Company's securities, they shall report the Company Secretary at least 1 day in advance and shall report all of the Company's securities they hold to the Office of the Securities and Exchange Commission within the specified period of time.

3. The Role of Stakeholders

- The Company is well aware of importance of the rights of all stakeholders by conducting business legally and correspondingly to the laws, regulations or standards or requirements and such business operation shall not have any adverse effects to environment, community and society as well as all groups of stakeholders. The Company has specified "Dishonest Act Prevention Policy and Anti-corruption Policy" and set up measures to prevent and handle dishonest or corruption cases which may occur or has occurred in the Company. Social responsibility policy has also been defined by emphasizing on conducting business with social and environmental responsibility as well as placing importance on promotion and support activities for the society, community and environment continually, for instance, Eyeglasses for the Elderly in Kokrat Sub-district, Sukhothai Province; provide materials and water obtained from fermentation process of biogas production for soil improvement to the farmers living around the Mae Tang 1 and Mae Tang 2 Biogas Power Plant, and provide 61 scholarships to elementary students located in Krainai Sub-district, Kongkrait District, Sukhothai Province, and etc.



- The Company has provided channels for the stakeholders and the investors to notify, suggest, file a complaint or clue with regard to illegal act, correctness of financial statement, defective internal control system or any act which is against the ethics principles to the Board of Directors via the Audit Committee at email address: chairman_auditcom@uac.co.th or visit the Company's website and click at Icon: Send Email to Chairman of the Audit Committee. Details of the person who notifies such information (the whistle blower or the informant) or the clues shall be kept confidential to protect the right of such informant. During 2018, the Company did not receive any complaint or clue on illegal act at all.

4. Disclosure and Transparency

- The Company has participated in the 'Opportunity Day' Event arranged by the Stock Exchange of Thailand to hold a press conference on performance of the Company 1 time and video of this activity including the supporting document has been publicized on the Company's website, so that the investors can access to such information at all times.
- The Company has prepared the Annual Information Disclosure Form (56-1 Form) and the Annual Report. In addition, the information of the Company's performance on quarterly basis as Company Snapshot including important information for the shareholders, the investors and general public which consisted of adequate, reliable and update material information have also been disclosed via various channels continually, such as Elcid System of the Stock Exchange of Thailand, including the Company's website (www.uac.co.th).

5. Responsibilities of the Board of Directors

- The Board of Directors is required to conduct self-assessment every year and the result from such assessment in 2018 was in 'Excellence' level. In addition in 2018, assessment results on performance of member of the Board individually and by all committees were also in 'Excellence' level.

With strong determination to operate business with transparency and fairness, the corporate government operations of the Company has been recognized at national level which can be witnessed from the following achievements: The Company's assessment results from the 2018 Corporate Governance Report Program (CGR 2018) of Thai Listed Companies by the Thai Institute of Directors Association (IOD) was ranked in the "Excellent" level and in Top Quartile of the group of companies with a market capitalization of 3,000-9,999 million Baht, and the Company has been selected as "Thailand Sustainability Investment (THSI)" for 2018 from the Stock Exchange of Thailand, for three consecutive year.

As corporate governance is an important element that can effectively and sustainably contribute and build up value of the Company's business operations, therefore, the Corporate Governance Committee will put its best efforts to supervise the Company on strictly compliance with the corporate governance policy, anti-corruption policy, fraud protection policy and code of conduct as well as to develop corporate governance practices to be on par with the standardized level on continued basis. In addition, the Company became a member of the Partnership Against Corruption for Thailand (PACT Network) and encouraged the employees to participate in "2018 Anti-Corruption Day" arranged by the Anti-Corruption Organization of Thailand (ACT), so that the employees can participate in and are aware of the importance on anti-corruption, which could lead to efficient and transparent operations with objectives to earn more confidence from all stakeholders that the Company has considered the benefits of all stakeholders.

(Assoc. Prof. Aekkachai Nittayagasetwat)

Chairman of the Corporate Governance Committee

Report of the Risk Management Committee

The Company's Risk Management Committee comprises of 2 Independent Directors and 1 Executive Director. The Chairman of the Risk Management Committee is Assoc. Prof. Dr. Paritud Bhandhubanyong, the Independent Director, and the committee members are Assoc. Prof. Dr. Aekkachai Nittayagasetwat, the Independent Director and Mr. Chatchaphol Prasopchoke, the Executive Director.

In 2018, the Risk Management Committee conducted 3 meetings to perform material tasks which can be summarized as follows:

1. Consider and approve the restructuring of the risk management working group where managers of all departments must be members of the risk management working group including the appointment of the new team leader and the secretary of risk management working group.
2. Consider the 2018 enterprise risk and follow up new risks (additional) together with risk reduction plan.
3. Following up progress on operations regarding the 2018 risk management and business continuity management (BCM) trainings including the 2019 operating guideline and plan on risk management and business continuity management (BCM).

The Risk Management Committee was of opinion that during the past year, the Company has adjusted and developed its enterprise-wide risk management system continually, for instance, arrange the meetings to prepare and review risk management plans, operate and monitor risk management operations to ensure compliance with the Company's plans, monitor new potential risks including implement the business continuity management (BCM) plan continually and concretely. The Company has adequately managed material risks and controlled them to be in the acceptable levels. The Company also determines to improve its risk management system continuously pursuant to the corporate governance principles.



(Assoc. Prof. Paritud Bhandhubanyong)

Report of The Nomination & Remuneration Committee

The Nomination & Remuneration Committee comprises of 3 Independent Directors, namely Miss Jeerapan Jinda, the Chairman and two Committee Members who are Assoc. Prof. Aekkachai Nittayakasetwat and Assoc. Prof. Dr. Paritud Bhandhubanyong. In 2018, the Nomination & Remuneration Committee held 2 meetings with the Company's management and essence of the meetings can be summarized as follows:

1. To consider the nomination of the director to replace the vacant director position

The Committee has considered and resolved to nominate Mr. Kitti Jivacate, Miss Nilrat Jarumanopas and Miss Jeerapan Jinda to replace the vacant director positions because they are fully qualified with regards to proficiency, expertise, working experiences and etc. They also do not possess any prohibited characteristics under the Public Limited Company Act, the Law on Securities and Exchange Act and the relevant notifications, requirements and/or regulations.

2. To assess performance of the Chief Executive Officer and President

The Committee has assessed annual performance of the Chief Executive Officer and President in order to consider on adjustment of his salary and annual bonus and to propose to the Board of Directors.

3. To consider and approve bonus allocation and payment for 2018

The Committee has considered on approval of bonus allocation and payment for 2018 by comparing the performance of 2018 with the budget, in addition, information on average rate of bonus payment and profitability in 2016 and 2017 and survey of wage labour market were also taken into account for consideration. Such bonus allocation was proposed by Management and the Committee has agreed with the criteria and procedure which were considerably clear, transparent and appropriate.

4. To consider draft budgeting of wage for 2019

The Committee has considered draft budgeting by divided into 2 parts, i.e. draft budgets for salary and for bonus which has been proposed by the Management and information gained will be used as framework for wage management for 2019. However, draft budgeting of salary of the Chief Executive Officer will not include in this draft budgeting.

5. To consider Chief Executive Officer's, President salary

The Committee has considered salary of Chief Executive Officer by comparing his annual performance assessment business operating results and salary assessment of 2018 and 2017 as well as survey of wage labour market in the similar industry.

In conclusion, the Nomination & Remuneration Committee has performed duties pursuant to the Charter which has been approved by the Board of Directors and pursuant to the corporate governance principles. In addition, the Committee was of view that the Company has clear, transparent and fair criteria and methods for wage management which are in line with corporate governance principles and they are considered for the best interests of the Company.



(Miss Jeerapan Jinda)

The Chairman of the Nomination & Remuneration Committee

General Information

General Information

Name of Company	: UAC Global Public Company Limited
Type of Business	: The Company engages in business of import and distribution of chemicals and equipment used in various industries, i.e. offshore natural gas exploration and production, oil refinery, upstream petrochemicals, engine oil lubricant manufacturing plants, polymer and plastic manufacturing plant, chemical industrial plants, power and utilities plant as well as investment in alternative energy and utilities system.
Registration No.	: 0107553000085
Registered Capital	: 367,183,150.50 Baht
Paid-up Capital	: 333,802,650.50 Baht
Number of Shares	: 667,605,301 Shares
Par value	: 0.50 Baht
Address of Head Office	: No. 1, TP&T Tower, 19th Floor, Soi Vibhavadirangsit 19, Vibhavadirangsit Road, Chatuchak Sub-District, Chatuchak District, Bangkok 10900
Telephone	: 0-2936-1701
Facsimile	: 0-2936-1700
Web Site	: www.uac.co.th
Corporate Secretary	: 0-2936-1701 Ext. 118
Email	: sajjaporn@uac.co.th
Investor Relations	: 0-2936-1701
Email	: ir@uac.co.th

General Information of Subsidiary and Associated Companies

Subsidiary Company : 7 companies

(1) Name of Company	: UAC Utilities Company Limited
Shareholding Portion	: 100%
Type of Business	: Investment in renewable energy and utilities projects
Registration No.	: 0105554049345
Registered Capital	: 30,000,000 Baht
Paid-up Capital	: 30,000,000 Baht
Number of Shares	: 300,000 Shares
Par value	: 100 Baht
Address of Head Office	: No. 1, TP&T Tower, 19th Floor, Soi Vibhavadirangsit 19, Vibhavadirangsit Road, Chatuchak Sub-District, Chatuchak District, Bangkok 10900
Telephone	: 0-2936-1701
Facsimile	: 0-2936-1700



(2) Name of Company : UAC & TPT Energy Company Limited

Shareholding Portion : 50.01%

Type of Business : Investment in Biogas plant for transportation and general industry

Registration No. : 0105555167953

Registered Capital : 150,000,000 Baht

Paid-up Capital : 99,600,000 Baht

Number of Shares : 1,500,000 Shares

Par value : 100 Baht

Address of Head Office : No. 1, TP&T Tower, 19th Floor, Soi Vibhavadirangsit 19, Vibhavadirangsit Road, Chatuchak Sub-District, Chatuchak District, Bangkok 10900

Telephone : 0-2936-1701

Facsimile : 0-2936-1700

(3) Name of Company : UAC Energy Company Limited

Shareholding Portion : 100%

Type of Business : Investment in energy projects

Registration No. : 0105556136130

Registered Capital : 200,000,000 Baht

Paid-up Capital : 200,000,000 Baht

Number of Shares : 2,000,000 Shares

Par value : 100 Baht

Address of Head Office : No. 1, TP&T Tower, 19th Floor, Soi Vibhavadirangsit 19, Vibhavadirangsit Road, Chatuchak Sub-District, Chatuchak District, Bangkok 10900

Telephone : 0-2936-1701

Facsimile : 0-2936-1700

(4) Name of Company : Solar Energy Roof Power Company Limited

Shareholding Portion : 100% (Shareholding by UAC Energy Company Limited)

Type of Business : Generating and distribution of electricity from Solar power

Registration No. : 0105556138311

Registered Capital : 12,525,000 Baht

Paid-up Capital : 12,525,000 Baht

Number of Shares : 125,250 Shares

Par value : 100 Baht

Address of Head Office : No. 1, TP&T Tower, 19th Floor, Soi Vibhavadirangsit 19, Vibhavadirangsit Road, Chatuchak Sub-District, Chatuchak District, Bangkok 10900

Telephone : 0-2936-1701

Facsimile : 0-2936-1700

(5) Name of Company : UAC TPT Pellets Company Limited

Shareholding Portion : 100% (Shareholding by UAC & TPT Energy Company Limited)
 Type of Business : Manufacturing and distribution of wood pellets
 Registration No. : 0105557187838
 Registered Capital : 1,000,000 Baht
 Paid-up Capital : 250,000 Baht
 Number of Shares : 10,000 Shares
 Par value : 100 Baht
 Address of Head Office : No. 1, TP&T Tower, 19th Floor, Soi Vibhavadirangsit 19, Vibhavadirangsit Road, Chatuchak Sub-District, Chatuchak District, Bangkok 10900
 Telephone : 0-2936-1701
 Facsimile : 0-2936-1700

(6) Name of Company : UAC Advance Polymer & Chemicals Company Limited

Shareholding Portion : 100%
 Type of Business : Manufacturing and distribution of latex emulsion and polymer
 Registration No. : 0105558011415
 Registered Capital : 180,000,000 Baht
 Paid-up Capital : 180,000,000 Baht
 Number of Shares : 1,800,000 Shares
 Par value : 100 Baht
 Address of Head Office : No. 1, TP&T Tower, 21st Floor, Soi Vibhavadirangsit 19, Vibhavadirangsit Road, Chatuchak Sub-District, Chatuchak District, Bangkok 10900
 Telephone : 0-2537-9016
 Facsimile : 0-2537-9015

(7) Name of Company : UAC Top Energy Company Limited

Shareholding Portion : 75% (Shareholding by UAC Energy Company Limited)
 Type of Business : Generating and distribution of electricity from Solar power
 Registration No. : 0105560006113
 Registered Capital : 7,000,000 Baht
 Paid-up Capital : 7,000,000 Baht
 Number of Shares : 70,000 Shares
 Par value : 100 Baht
 Address of Head Office : No. 1, TP&T Tower, 19th Floor, Soi Vibhavadirangsit 19, Vibhavadirangsit Road, Chatuchak Sub-District, Chatuchak District, Bangkok 10900
 Telephone : 0-2936-1701
 Facsimile : 0-2936-1700

Associated Company : 6 companies**(1) Name of Company : Bangchak Biofuel Company Limited**

Shareholding Portion : 30%

Type of Business : Production and distribution of biodiesel and by-products

Registration No. : 0105551029246

Registered Capital : 281,500,000 Baht

Paid-up Capital : 281,500,000 Baht

Number of Shares : 2,815,000 Shares

Par value : 100 Baht

Address of Head Office : No. 28, Moo 9, Bangkrason Sub-district, Bangpailin District,
Pranakornsiyayutthaya Province 13160

Telephone : 035-276-500

Facsimile : 035-276-549

(2) Name of Company : Sebigas UAC Company Limited

Shareholding Portion : 49% (Shareholding by UAC Energy Company Limited)

Type of Business : Engineering, Procurement and Construction of energy projects

Registration No. : 0105556161801

Registered Capital : 14,000,000 Baht

Paid-up Capital : 14,000,000 Baht

Number of Shares : 140,000 Shares

Par value : 100 Baht

Address of Head Office : No. 1, TP&T Tower, 18th Floor, Soi Vibhavadirangsit 19, Vibhavadirangsit Road,
Chatuchak Sub-District, Chatuchak District, Bangkok 10900

Telephone : 0-2936-1701

Facsimile : 0-2936-1700

(3) Name of Company : Enerray UAC (Thailand) Company Limited

Shareholding Portion : 25% (Shareholding by UAC Energy Company Limited)

Type of Business : Engineering, Procurement and Construction of energy projects

Registration No. : 0105559045038

Registered Capital : 6,000,000 Baht

Paid-up Capital : 6,000,000 Baht

Number of Shares : 60,000 Shares

Par value : 100 Baht

Address of Head Office : No. 1, TP&T Tower, 18th Floor, Soi Vibhavadirangsit 19, Vibhavadirangsit Road,
Chatuchak Sub-District, Chatuchak District, Bangkok 10900

Telephone : 0-2936-1701

Facsimile : 0-2936-1700

(4) Name of Company : PPWE Company Limited

Shareholding Portion : 50% (Shareholding by UAC Energy Company Limited)
 Type of Business : Investment in energy projects
 Registration No. : 0105559005541
 Registered Capital : 1,000,000 Baht
 Paid-up Capital : 1,000,000 Baht
 Number of Shares : 10,000 Shares
 Par value : 100 Baht
 Address of Head Office : No. 2/2 Soi Krungthep Kritha 8(5), Krungthep Kritha Road, Huamark Sub-District, Bangkok District, Bangkok 10240
 Telephone : 0-2379-3902
 Facsimile : 0-2379-3097

(5) Name of Company : ODIN Power Company Limited

Shareholding Portion : 10% (Shareholding by UAC Utilities Company Limited)
 Type of Business : Investment in energy projects
 Registration No. : 0115541003996
 Registered Capital : 200,000,000 Baht
 Paid-up Capital : 200,000,000 Baht
 Number of Shares : 2,000,000 Shares
 Par value : 100 Baht
 Address of Head Office : No. 333/3 Moo 6, Thumbon Bang Preang, Amphur Bang Bor, Samut Prakarn Province 10560
 Telephone : 0-2108-0360-6
 Facsimile : 0-2108-0367

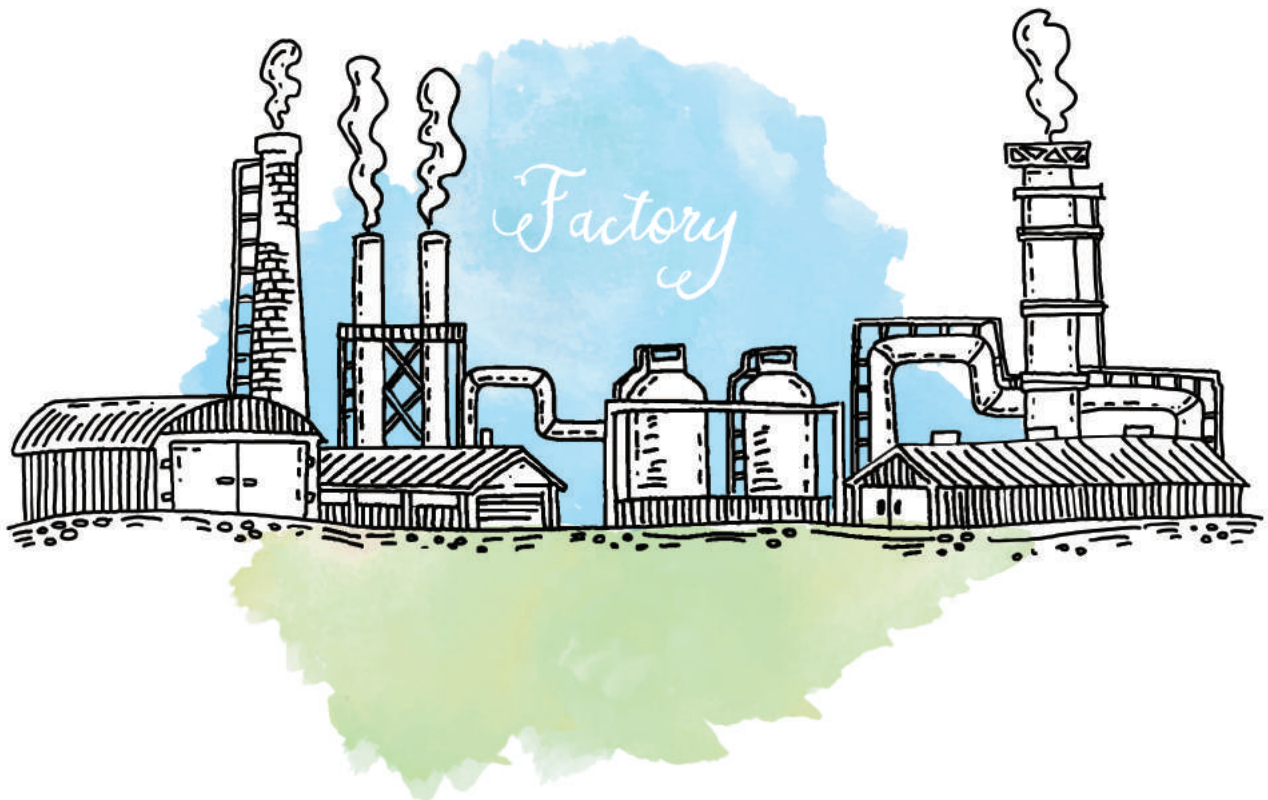
(6) Name of Company : ODIN Power Myanmar Company Limited

Shareholding Portion : 40% (Shareholding by UAC Energy Company Limited)
 Type of Business : Investment in energy projects
 Registration No. : 0115560028281
 Registered Capital : 1,000,000 Baht
 Paid-up Capital : 1,000,000 Baht
 Number of Shares : 10,000 Shares
 Par value : 100 Baht
 Address of Head Office : No. 333/3 Moo 6, Thumbon Bang Preang, Amphur Bang Bor, Samut Prakarn Province 10560
 Telephone : 0-2108-0360-6
 Facsimile : 0-2108-0367



Name and Location of the Referenced Persons :

Share Registrar	: Thailand Securities Depository Co., Ltd. The Stock Exchange of Thailand Building 93 Ratchadapisek Road, Dindaeng, Bangkok 10400
Telephone	: 0-2009-9999
Auditor	: Miss Somjintana Pholhirunrat (CPA No. 5599) D I A International Audit Co., Ltd. 316/32 Sukhumvit Soi 22, Sukhumvit Road, Klongtoey Sub-district, Klongtoey District, Bangkok 10110
Telephone	: 0-2259-5300



Nature of Business

UAC Global Public Company Limited (“the Company” or “UAC”) was incorporated on April 28, 1985 and listed on Market for Alternative Investment (mai) on October 11, 2010. Initially, the Company engaged in business of import and distribution of chemicals and equipment used in various industries, i.e. off-shore natural gas exploration and production, gas separation plant, oil refinery, upstream petrochemicals, engine oil lubricant manufacturing plant, polymer and plastic manufacturing plant, chemical industrial plant, power and utilities plant, and etc.

Later, the Company has expanded its business by investing in the projects related to renewable and alternative energy, for instance, production of compressed bio-methane gas (CBG), biodiesel plant through the associated company (Bangchak Biofuel) which is a joint investment with the subsidiary of Bangchak Corporation Public Co., Ltd. (“BCP”), petroleum production plant in Sukhothai Province, the biogas power plant by using energy crops (Napier grass) as fuel, Solar PV Rooftop projects including investment in chemicals business, i.e. latex polymer and latex emulsion used in the country’s infrastructure industries to build on existing business for sustainable growth, including to conduct the study on the project development to invest in utilities business concerning tap water system. The Company emphasizes on conducting business under following vision and mission:

Vision:

The Company determines to be an environmental friendly operator of clean energy, petrochemicals and utilities and shall maintain leadership position at national level and to be recognized at international level.

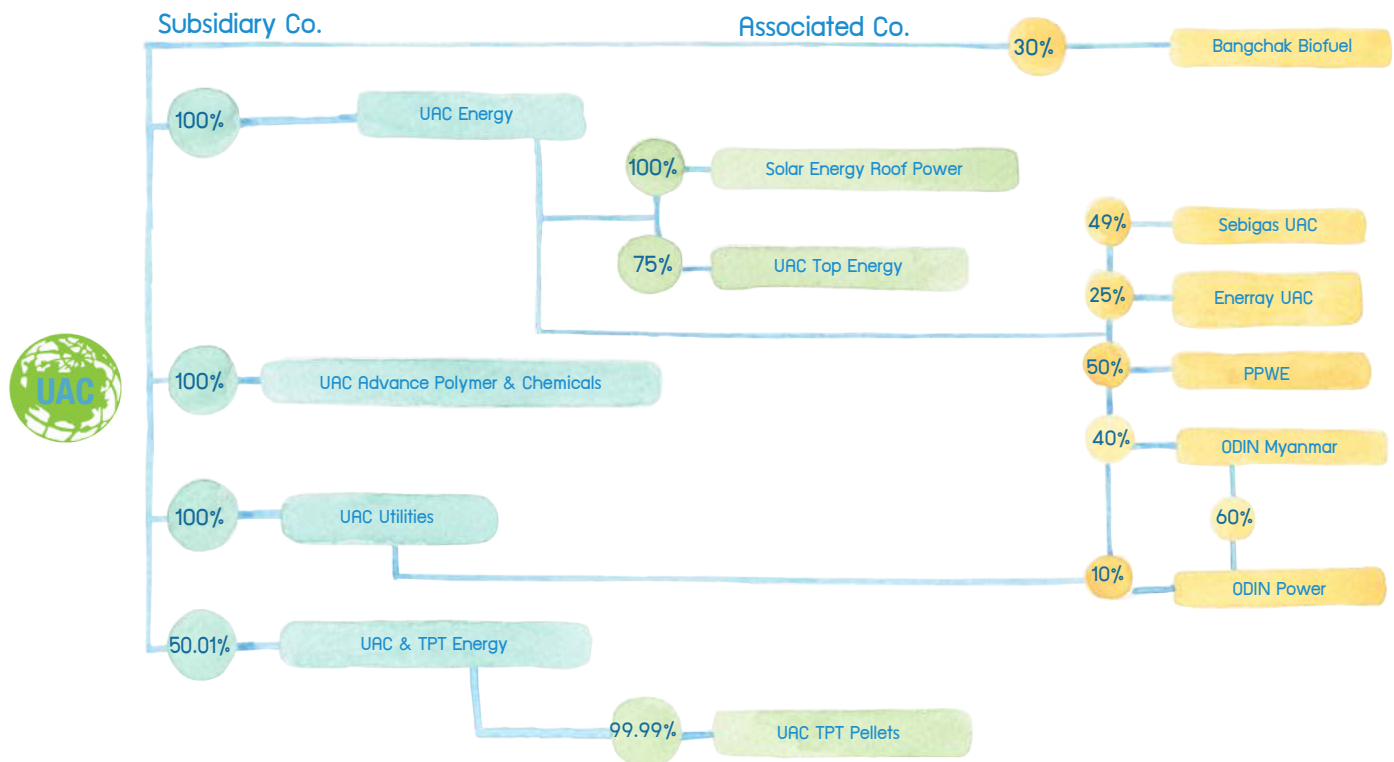
Mission:

1. To determine to engage business in clean and environmental friendly energy, petrochemicals and utilities beneficially to the country, environment and society,
2. To operate business by adhering to corporate governance principles by treating business partners fairly, transparently and anti-corruption.
3. To be responsible to shareholders by adding values to business continually and creating constant returns to the shareholders in the long run.
4. To determine to become a happy organization by taking into consideration the fair working environment and compensation including promotion of career path of the employees.

For more than 20 years of experiences, the Company’s business expanded continually by focusing on projects related to renewable and alternative energy. During the 2014 Annual General Meeting of Shareholders on April 4, 2014, the meeting approved to change the Company’s name from “Universal Adsorbents and Chemicals Public Company Limited” to “UAC Global Public Company Limited” to support present and future business operations. The Company registered the change in the Company’s name with the Ministry of Commerce on April 18, 2014.



Shareholding structure of Group of Companies as at December 31, 2018



Subsidiary Companies

1. **UAC Utilities Co., Ltd. (“UAC Utilities”)** the Company’s subsidiary, was established on April 8, 2011 with an initial registered capital of Baht 5,000,000, with objectives to engage in business of production and supply of tap water for industrial use and for consumption, as well as supply and installation of relevant equipment. On March 26, 2012, UAC Utilities increased its registered capital to Baht 10,000,000 to support joint venture in Hydrotek Public Co., Ltd. (“HYDRO”) where shareholding proportion of the Company and HYDRO in such joint venture are equally at 49.997 percent and the remainder of 0.006% is held by the Company’s management and its name has been changed to UAC Hydrotek Co., Ltd.

Later on June 17, 2016, the Company has purchased all of ordinary shares from HYDRO and changed the name back to UAC Utilities Co., Ltd. on July 25, 2016. In addition on December 20, 2016, the Company acquired shares of Odin Power Co., Ltd., at ratio of 10% in order to jointly develop the power plant to produce and supply electricity generated from community waste. On May 4, 2017, the company has increased the registered capital to Baht 30,000,000 for use as working capital.

2. **UAC & TPT Energy Co., Ltd. (“UAC TPT”)**, the Company’s subsidiary, was established on November 12, 2012 with an initial registered capital of Baht 1,000,000, divided into 10,000 ordinary shares at par value of Baht 100 per share. The Company originally held 99.997% of shares in this entity. Its objectives are to produce CBG to be used for electricity generation, transportation and general industries. On September 25, 2013, UAC TPT increased its registered capital by Baht 29,000,000 from Baht 1,000,000 to Baht 30,000,000 for use as working capital and for investment in CBG project by offering newly issued shares partly to some of the existing shareholders and partly to TPT Thepprathanporn Co., Ltd. (“TPT”). Therefore, the Company’s shareholding proportion in UAC TPT was diluted to 50.0093%, with

the Company's management holding 0.0007% and TPT acquiring 49.990% of the total issued and paid-up capital of UAC TPT. On November 17, 2014, UAC TPT has increased its registered capital by Baht 120,000,000 to Baht 150,000,000 to support for investment in 2 biogas projects in Khon Kaen Province.

3. **UAC Energy Co., Ltd. ("UAC Energy")** was established on August 26, 2013 with an initial registered capital of Baht 1,000,000. The Company originally held 99.97% and the management held 0.03% of shares in this entity. Its objectives are to invest in energy-related business. On December 20, 2013, UAC Energy increased the registered capital by Baht 29 million from Baht 1 million to Baht 30 million and increased by Baht 40 million to Baht 70 million on December 19, 2014. In addition, on March 18, 2016 and July 14, 2016, UAC Energy has increased the registered capital to Baht 90 million and Baht 95 million, respectively. Moreover, on May 4, 2017, UAC Energy increased the registered capital by Baht 95 million to Baht 200 million. The objectives of such increase are to support the investment in solar PV rooftop projects of Metropolitan Electricity Authority and Provincial Electricity Authority, to serve capital increase and investment in the associated companies (PPWE Co., Ltd., Sebigas UAC Co., Ltd. and Enerray UAC (Thailand) Co., Ltd), as well as for acquisition of 2 power plants from Rachaburi Energy Co., Ltd., namely Sao Thian-A Power Plant and Pra Du Thao Power Plant in Sukhothai Province and total generating capacity of these 2 power plants are 6.9 MW). Presently, UAC Energy has commenced its commercial operation of 1 PV rooftop project by installing on rooftop of Saha Thai Steel Pipe Public Co., Ltd., located in Samut Prakarn Province with total generating capacity of 1 MW. Later, on November 30, 2017, UAC Energy acquired 40% of shares of ODIN Myanmar Co., Ltd. for joint investment in energy project.
4. **Solar Energy Roof Power Co., Ltd. ("SERP")** is an indirect subsidiary of the Company with shareholding of 99.20%. The Company acquired, through UAC Energy, ordinary shares of SERP from Sun Edison Energy (Thailand) Co., Ltd. on November 18, 2014 and registered capital has been increased from Baht 25,000 to Baht 12,525,000. SERP has been awarded a solar PV rooftop project from Provincial Electricity Authority with total capacity of 750.20 kW to install on rooftop of rubber sheet factory of Von Bundit Co., Ltd. in Khun Thale Sub-district, Surat Thani Province and commercial operation has been commenced on July 21, 2015.
5. **UAC TPT Pellets Co., Ltd. ("UAC TPT PELLETS")**, an indirect subsidiary of the Company with shareholding of 99.99% through UAC TPT, was established on December 25, 2014 with an initial registered capital of Baht 1,000,000. Its objective is to engage in business of wood pellets (briquette fuel) production and distribution.
6. **UAC Advance Polymer & Chemicals Co., Ltd. ("UAPC")** was established on January 21, 2015 with initial registered capital of Baht 50,000,000 with objective to accept the entire business transfer from Advance Polymer and Chemicals Co., Ltd. (APC), the manufacturer and seller of mainly latex (polymer emulsions and polymer solutions) for use in various industries, such as paint and coating, printing ink and publishing, adhesive, paper, synthetic material to be used as raw material in production of textiles and apparel, and etc. The Company held 99.97 percent and the management held 0.03 percent of total shares of UAPC. On May 9, 2015, UAPC has increased its registered capital by Baht 130 million, from Baht 50 million to be totally Baht 180 million in order to support for business operations and to comply with condition of the BOI.

7. **UAC Top Energy Co., Ltd. (“UAC Top Energy”)**, an indirect subsidiary of the Company with shareholding of 75.00% through UAC Energy, was established on January 13, 2017 with an initial registered capital of Baht 500,000. Its objective is to invest in solar energy project. On February 19, 2018, UAC Top Energy has increased its registered capital to Baht 7,000,000 in order to support for investment in solar PV rooftop project installed on rooftop of Kingboard Laminate Manufacturing Co., Ltd.

Associated Companies

1. **Bangchak Biofuel Co., Ltd. (“BBF”)** is an associated company in which the Company holds 30% and BBGI Co., Ltd., a subsidiary company of Bangchak Corporation Plc. (“BCP”) holds the rest 70% of shares. BBF was established on March 12, 2008 and has current registered capital amounted to Baht 281.50 million. BBF is a producer and supplier of biodiesel which is liquefied fuel used as substitute mixture with some part of diesel oil obtained from petroleum process in order to produce various types of diesel oil such as biodiesel B5 or B10 and etc.
2. **Sebigas UAC Co., Ltd. (“SEBIGAS UAC”)**, is an associated company which is a joint venture between SEBIGAS S.p.A. (“SEBIGAS”), Italy and UAC Energy Co., Ltd., with UAC Energy holding 49%, SEBIGAS holding 49% and a legal consulting firm holding 2%. SEBIGAS UAC was established on October 4, 2013 with an initial registered capital of Baht 4,000,000 to engage in business of construction of biogas plants and provision of O&M services in Thailand and countries in Southeast Asia. Later, it has increased registered capital by Baht 10,000,000 to Baht 14,000,000 to serve as working capital to support its business operations.
3. **Enerray UAC (Thailand) Co., Ltd. (“Enerray UAC”)**, is an associated company which is a joint venture between ENERRAY S.p.A (“ENERRAY”), Italy and UAC Energy Co., Ltd., of with UAC Energy holding 49%, ENERRAY holding 25% and a legal consulting firm holding 26%. Enerray UAC was established on March 15, 2016 with an initial registered capital of Baht 6 million to engage in business of construction of solar power plant and provision of O&M services in Thailand and countries in Southeast Asia.
4. **PPWE Co., Ltd. (“PPWE”)**, is the Company’s associated company which is a joint venture between QTC Energy Public Co., Ltd. (“QTC”) and UAC Energy Co., Ltd., with shareholding ratio of 50:50. PPWE was established on January 12, 2016 with an initial registered capital of Baht 1 million to engage in investment business of energy projects, both in Thailand and overseas.
5. **Odin Power Co., Ltd. (“ODIN”)**, is the Company’s associated company which is a joint venture between SNC Former Public Co., Ltd, Forth Corporation Public Co., Ltd., UAC Utilities Co., Ltd. and natural persons at ratio of 55%, 10%, 10% and 25%, respectively, by acquiring capital increase amounting to Baht 191,000,000. Consequently, on December 20, 2016, registered capital of ODIN was at Baht 200,000,000 to be used for investment in power plant project from waste and alternative energy.
6. **ODIN Myanmar Co., Ltd. (“ODIN Myanmar”)** is the Company’s associated company which is a joint venture between ODIN Power Co., Ltd. (“ODIN”) and UAC Energy Co., Ltd. (“UAC Energy”) at ratio of 60% and 40%, respectively. ODIN Myanmar was established on November 30, 2017 with an initial registered capital of Baht 1,000,000 to engage in energy project in overseas.

Significant developments and changes of the Company during the past 5 years:

2014

- The 2014 Annual General Meeting of Shareholders approved to change the Company's name from "Universal Adsorbents & Chemicals Public Company Limited" to "UAC Global Public Company Limited" and the Company registered the change in the Company's name and address with the Ministry of Commerce on April 18, 2014.
- The following projects of the Company began to commence their commercial operation:
 - Petroleum Production Project (PPP) in Sukhothai Province commenced its commissioning test in January and began to supply some of LPG and NGL in May.
 - Two Solar PV Rooftop projects which were installed at Bangkok DecCon Public Co., Ltd. began commercial operation in August and December, respectively.
- UAC Energy Co., Ltd., a subsidiary, acquired Solar Energy Roof Power Co., Ltd., which received the concession to sell electricity from solar energy to Provincial Electricity Authority with total generating capacity of 752.4 KW from Sun Edison Energy (Thailand) Co., Ltd.
- The Company has established a new subsidiary, UAC TPT PELLETS Co., Ltd., to produce and sell wood pellets.
- The Board's meeting has resolutions to approve on investment in the following alternative energy projects:
 - Biogas project at Poopaman District, Khon Kaen Province (2nd Project).
 - Gas pipeline construction project from Sao Thian Oil Well to increase feedstock for PPP Plant.
 - Construction project of wood pellet production plant in biogas project areas of UAC TPT at Poopaman District, Khon Kaen Province.
 - Solar PV Rooftop project of Solar Energy Roof Power Co., Ltd. by renting rooftop areas of Von Bundit Company Limited at Khun Thalee Sub-district, Surat Thani Province.
- The following subsidiaries and associated company have increase their capital to support business and investment in various projects:
 - UAC TPT from Baht 30 million to Baht 150 million,
 - UAC Energy from Baht 30 million to Baht 70 million,
 - SEBIGAS UAC from Baht 4 million to Baht 14 million.
- On December 31, 2014, UAC-W1 holders notified their intention to exercise their rights for 14,365 units, or accounting for the Company's shares of 17,237 shares, amounting to Baht 107,731.25. There are 90,966,105 remaining warrants, which made the registered capital of the Company amounted to Baht 277,111,038, dividing into 554,222,076 ordinary shares at par value of Baht 0.50 Baht.

2015

- On January 21, 2015, a new subsidiary, UAC Advance Polymer & Chemicals Co., Ltd., has been established to accept the entire business transfer from Advance Polymer & Chemicals Co., Ltd.
- The Extraordinary General Meeting of Shareholders No 1/2015 resolved to approve UAC Advance Polymer & Chemicals Co., Ltd. to accept the entire business transfer from Advance Polymer & Chemicals Co., Ltd. (APC), at total amount not exceeding Baht 730 million. Such entire business transfer has completed on April 30, 2015.



- April 30, 2015, the Company paid dividend payment to its shareholders at the rate of Baht 0.06945 per share, with total dividend payout of Baht 38,490,723.18 or accounting to 49.75 % of its total net profit after taxes and all required legal reserves. Dividend paid to shareholders of the Company consisted of stock dividend which was paid at ratio of 8 existing shares to 1 stock dividend (or Baht 0.06250 per share) and cash dividend which was paid at ratio of Baht 0.00695 per share (in case any shareholder held the indivisible share remaining after such allocation, the dividend was paid in cash in the amount of Baht 0.06250 per share). Such payment of stock dividend resulted in a right adjustment of UAC-W1 to maintain return benefits of UAC-W1 holders not to be lower than the current one. The new exercise price was 5.5555 Baht per share and exercise ratio was 1 warrant: 1.35 shares (any fraction has been disregarded). The effective date was April 1, 2015.
- UAC Advance Polymer & Chemicals Co., Ltd. has increased its registered capital from Baht 50 million to be Baht 180 million to support for business operation and conform to condition of BOI.
- The following projects of the Company have commenced their commercial operations:
 - Solar PV Rooftop installed at Saha Thai Steel Pipe Public Co., Ltd. has commenced its commercial operation on June 2015.
 - Solar PV Rooftop installed at Von Bundit Co., Ltd. has commenced its commercial operation on July 2015.
 - Biogas power plant project at Mae Tang District, Chiang Mai has commenced its commercial operation on December 2015.
- The Meeting of the Board of Directors resolved to approve the acquisition of 2 power plants: Sao Thian A and Pra Du Thao, from Ratchburi Energy Co., Ltd., which has total generating capacity of 7 MW, at the amount of Baht 250 million (excluding VAT).
- On December 31, 2015, UAC-W1 holders notified their intention to exercise their rights for 6,229,084 units, or accounting for the Company's shares of 8,374,915 shares, amounting to Baht 46,718,125. There are 84,767,021 remaining warrants, which made the registered capital of the Company amounted to Baht 315,937,050.50, dividing into 631,874,101 ordinary shares at par value of Baht 0.50.

2016

- The Company has been selected to participate in Corporate Sustainability Advisory Program, Class 2 from total 5 companies. This program has been supported by mai to develop knowledge on sustainable development to the listed companies in mai. In addition, the Company has been selected to receive "2016 Thailand Sustainability Investment: THSI" Award, where 51 listed companies have been selected and it was one of 6 listed companies in mai.
- On January 29, 2016, which is the last exercised date of UAC-W1, UAC-W1 holders notified their intention to exercise their rights totaled 26,467,570 units, representing the Company's shares of 35,731,200 shares, accounting to Baht 198,504,685.35, which made the paid-up capital of the Company amounted to Baht 333,802,650.50, dividing into 667,605,301 ordinary shares at par value of Baht 0.50 per share.

- On April 1, 2016, power plant business Sao Thian-A and Pra Du Thao, which are located at Kongkrait District, Sukhothai Province and have total generating capacity of approximately 7 MW, had been delivered from Ratchburi Energy Co., Ltd. to UAC Energy Co., Ltd. (the subsidiary).
- The 2016 Annual General Meeting of Shareholders resolved to approve the capital increase under General Mandate of 200.28 million shares to issue and offer to right offering amounting to 133.52 million shares and private placement amounting to 66.76 million shares, including to issue and offer debentures in the amount of not exceeding Baht 1,000 million. The first offering date of debenture was made on May 26, 2016, at offering amount of Baht 500 million and at interest rate of 5.3% with objectives to repay short-term loan, invest in gas pipeline project and serve as working capital of the Company. Its maturity date is May 25, 2018.
- On May 19, 2016, the Company paid dividend in cash to its shareholders at the rate of Baht 0.10 per share, with total dividend payout of Baht 66,760,530.10, or accounting to 81% of net profit after taxes and all required legal reserves.
- Registered capital of UAC Energy Co., Ltd. has been increased from Baht 70 million to Baht 90 million and Baht 95 million, respectively to support the acquisition of power plant business from Ratchburi Energy Co., Ltd.
- On June 17, 2016, the Company has purchased all of ordinary shares of UAC HYDRO from Hydrotek Public Co, Ltd. and the name of UAC HYDRO has changed back to UAC Utilities Co., Ltd. on July 25, 2016.
- The Company has been selected to be one of 30 listed companies in mai to participate in “Innovation Capability Promotion of the Listed Companies Program”, of the Stock Exchange of Thailand which has arranged by National Innovation Agency (NIA) and received “Total Innovation Management Award”, from presentation of the research and development work on chemical products of UAC Advance Polymer Co., Ltd. (UAPC).
- Bangchak Bio-fuel Company Limited (BBF), an associated company that the Company held 30% of its shares, has increased its generating capacity from 360,000 liters/day to 810,000 liters/day to support the increased demand and commercial operation of such increased capacity has been commenced on the 2nd quarter of 2016.
- The Company has cooperated with PTT Exploration and Production Public Co., Ltd. (PTTEP) on construction of natural gas pipeline from Sao Thian-A source to Petroleum Production Project (PPP) to increase feedstock on producing compressed natural gas (CNG), liquefied petroleum gas (LPG) and natural gasoline (NGL), so that the plant could be operated at full capacity as per design. Commissioning test has been performed since July 2016 and the commercial operation has been commenced on August 2016.
- On December 16, 2016, UAC Energy Co., Ltd. (the Company’s subsidiary) has sold 2 of its solar PV rooftop projects, which have total generating capacity of 300 kW, installed at Bangkok Dec-con Public Co., Ltd. to Bangkok Dec-Con Public Co., Ltd.
- On December 20, 2016, UAC Utilities Co., Ltd. (the Company’s subsidiary), acquired shares of Odin Power Co., Ltd., at ratio of 10% of paid-up registered capital of Baht 200 million,

to jointly invest in 3 MW power plant project to produce and supply electricity generated from waste in the Southern region and other projects in the future.

2017

- The Company established the following subsidiary company and associated company:
 - The subsidiary company: UAC Top Energy Co., Ltd. (“UAC Top Energy”), an indirect subsidiary of the Company with shareholding of 75.00% through UAC Energy, was established on January 13, 2017 with an initial registered capital of Baht 500,000. Its objective is to invest in solar energy project; and
 - The associated company: ODIN Myanmar Co., Ltd. (“ODIN Myanmar”) is an associated company of ODIN Power Co., Ltd. (“ODIN”) and UAC Energy Co., Ltd. (“UAC Energy”) at ratio of 60% and 40%, respectively. ODIN Myanmar was established on November 30, 2017 with an initial registered capital of Baht 1 million to engage in energy project in overseas.
- The 2017 Annual General Meeting of Shareholders resolved to approve the capital increase under General Mandate of 200.28 million shares to issue and offer to right offering amounting to 133.52 million shares and private placement amounting to 66.76 million shares.
- On April 24, 2017, the Company paid dividend in cash to its shareholders at the rate of Baht 0.05 per share, with total dividend payout of Baht 33,380,265.05, or accounting to 26.76% of retained earnings.
- The Company has increased registered capital of its subsidiary companies to support for business operation and investments in various projects as follows:
 - UAC Utilities from Baht 10 million to Baht 30 million.
 - UAC Energy from Baht 95 million to Baht 200 million.
- The Company received “2017 Thailand Sustainability Investment: THSI” Award, for the 2nd consecutive year. This year, 65 listed companies and 7 listed companies in mai have been selected (the Company was one of 7 listed companies in mai).
- Petroleum Production Project (PPP) which is located at Sukhothai Province has been certified for ISO14001:2015 Environmental Management System and OHSAS18001:2017.
- The Company received a Platinum Honorable Certificate from the Occupational Health and Safety Standard System and Working Environment Promotion Project for Medium and Small Enterprises.

2018

- On February, UAC Top Energy Co., Ltd. has increased its registered capital from Baht 5,000,000 to Baht 7,000,000 to support for investment in solar PV rooftop project, with generating capacity of 752.40 kW, installed on rooftop of Kingboard Laminate Manufacturing Co., Ltd. Its commercial operation date and revenue recognition has commenced since the third quarter of 2018. On December 2018, UAC Top Energy has sold solar PV rooftop project, installed at Kingboard Laminate Manufacturing Co., Ltd. to BCPG Public Co., Ltd. Total amount Baht 23.92 million
- On February, the Company signed a working capital loan extension agreement with Kasikornbank Pcl. (KBANK) for an additional Baht 497 million to invest in the expansion of its trading business.

- During the 2018 Annual General Meeting of Shareholders, the meeting has resolved and approved the following matters:
 - Approve the decrease of the Company's registered capital amounting to 200.28 million shares (from capital decrease under General Mandate).
 - Approve the increase of the Company's registered capital for 66.76 million shares for the exercise of the Warrants (UAC-W2).
 - Approve the issuance and offering of 66.76 million units of UAC-W2 to the shareholders at ratio of 10: 1, exercise ratio of 1:1, exercise price: Baht 5.55, tenor: 2 years.
- On April 20, 2018, the Company paid cash dividend from net profit to the shareholders at the rate of Baht 0.12 per share with total dividend payout of Baht 80,112,636.12., or accounting to 59.77% of net profit after taxes and all required legal reserves.
- On June, the Company issued bonds amounting to Baht 400 million, 2 year, interest 5.5% to use as working capital and for future investment.
- On July 2, 2018, the Company has issued and offered warrants to purchase ordinary shares of the Company No. 2 (UAC-W2) in the amount not exceeding 66,761,000 units to the existing shareholders.
- On August, UAC arranged "UAC Technical Symposium" by cooperating with principles of the leaders on technology and global products under oil and refinery, petrochemical, power plant and utilities industries to exchange knowledge and strengthen relationship among the companies in the same business groups.
- On October 9, 2018, the Company paid interim dividend in cash from retained earnings to the shareholders at the rate of Baht 0.10 per share for the total sum of Baht 66,760,530.00., or accounting to 34.16% of retained earnings.
- On November 2018, the Company signed a financial support contract with Thai Military Bank Plc. to increase working capital of Baht 840,000,000 to invest in the expansion of its trading business.
- Petroleum Production Plant (PPP) received additional associated gas from Siam Moeko Co., Ltd. approximately 300,000 million cubic feet/day. Consequently generating capacity of PPP is more than 90% (or approximately 1.80 million cubic feet/day).
- The Company was one of listed companies with outstanding performance on environmental, social and governance (ESG) aspects on the Thailand Sustainability Investment (THSI) list for 2018, for three consecutive years. This year, 79 listed companies and 6 listed companies in mai have been awarded.
- The Company has been assessed as 'excellence' during 2018 Corporate Governance Report of Thai Listed Companies (CGR) by the Thai Listed Companies Association.
- The Company received 100 full scores on quality on arrangement of annual general meeting of shareholders during 2018 Assessment of Quality on Arrangement of Annual General Meeting of Shareholders by the Thai Investors Association.
- Petroleum Production Plant (PPP) received certificate on "2018 Pilot Outstanding Enterprise on Occupational Health, Safety and Working Environment" from Department of Labor Protection and Welfare.

Details of business operations of the Company and the Subsidiary Companies:

Import and supply of chemicals and equipment for industrial use

Nature of products or services

The Company engages in business of import and supply of chemicals and equipment used in various industries, such as, natural gas exploration and production, petroleum refinery, lubricant oil production plant, polymer and plastic industrial plant, chemical industrial plant, power plant and utilities and etc. Products and services supplied by the Company can be classified into 4 groups according to nature of business and services of the customers as follows:

1) Products in Energy and Petroleum Business Group, such as:

- Off-shore refinery and upstream petrochemicals
- Liquid chemicals
- Emission & waste management

2) Products in Industrial Business Group, such as:

- Chemical products
- Power and Utility

3) Other Products, i.e. crude glycerin and other export products

4) Provision of services, such as consultancy and coordination services for design of manufacturing process, refineries, petrochemical industrial plants and other industries.

Warehouse and product transportation to customers

The Company has 1 leased warehouse located at No. 999 Moo 4, Soi Tessaban Bangpoo 99 (Sermmit), Sukhumvit Road, Bangpoo Sub-district, Muang Samut Prakan District, Samut Prakan Province. It is a warehouse building with utilization areas of 2,200 square meters on areas of 2 rai which has been rented from the Company's related person under lease contract with term of 1 year from January 1, 2018 - December 31, 2018 to store stocks of products and chemicals. Packages of chemicals stored in the Company have various sizes and all of them have Certificate of Acceptance (COA) from the manufacturers and are pending for delivery to the customers.

The Company supplies products from such warehouses to its customers by using various sizes of trucks hired from the third party transportation operators which have been registered to certify safety operation under the standards of Department of Industrial Works. For safety of the warehouse, the Company has employed security guards to station at the warehouse 24 hours a day. Hazardous chemicals shall be divided by chemical type and stored as per prescribed by laws with the hazardous control officer in the warehouse. The Company shall not allow any third party or any person even its employees whose duties are not related to such warehouse to enter into the warehouse without permission. In addition, the Company has executed an insurance policy to cover goods stored in the warehouse in case of accident during storage period or from operations as well as the insurance policy for goods during transportation to the customers as well.

Quality and standards of products supplied

The Company places importance on quality and standards of the products supplied to ensure that they are in compliance with specifications agreed with the customers. Chemicals that the Company orders from the manufacturer shall be packed in closed drum with Certificate of Acceptance (COA) from the manufacturer

before they are shipped to the Company. The Company shall supply such chemicals in closed drum with COA to the customers without opening the drum to ensure that the customer shall receive products with complete quality and standards from the manufacturers. In case the chemicals are transported in bulk and not in a closed drum, when they arrived at the port, they shall be inspected by the Surveyor employed by the Company on the ship (before disembark from the ship), and its quality shall be inspected once again after they have been transported into the storage tank.

In addition, the Company has been certified on ISO 9001:2015 Quality Management System Standards from SGS (Thailand) Co., Ltd. for import and distribution of chemicals, adsorbent, catalysts, filter and equipment used in oil, energy, petrochemicals and utilities business.

Characteristics of the customers and target customers

The Company's customer groups are manufacturers in various industries which need chemicals and equipment to use in their production process. Main customer groups of the Company are the manufacturers in infrastructure industries of the country, i.e. gas separation plant, oil refinery, petrochemicals and etc. Products sold by the Company can be used variedly, depending on application requirements of the customers. Target customers can be divided by service & products characteristics into 4 groups as follows:

Service & Product Groups	Target Customers
1. Products in Energy and Petroleum Group	
<ul style="list-style-type: none"> Offshore, Refinery and Upstream Petrochemicals 	Drilling and production unit of natural gas and petroleum products both onshore and offshore, gas separation plant, petrochemical plant, ethylene plant, aromatics plant and contractors of oil refinery and petrochemicals plants.
<ul style="list-style-type: none"> Liquid Chemicals 	Oil refinery, petrochemical plant, plastic pallet plant, aromatics plant, olefins plants.
<ul style="list-style-type: none"> Emission & Waste Management 	All types of industrial plants
2. Products in Industrial Group	
<ul style="list-style-type: none"> Chemical Products 	General industrial plants which manufacture industrial products and consumers products, such as production plant for shampoo, fabric softener, detergent; industrial paints, printing ink, cement, lubricant mixing plant, biodiesel production plant, glue manufacturing plant, vegetable oil production plant, metal lubricant oil production plant and etc.
<ul style="list-style-type: none"> Power & Utilities 	Refineries, power plant and tap water production plant for the public and for all types of industries.
3. Other products,	
i.e. Crude glycerin and other products	Pure glycerin production plants within the country and in foreign countries.



Service & Product Groups	Target Customers
4. . Service provision	
<ul style="list-style-type: none"> • Provision of consultancy and coordination services for design of manufacturing process. 	Groups of refineries & petrochemical plants, alternative energy & renewable energy and all types of industrial plants
<ul style="list-style-type: none"> • Turnkey construction and installation 	
<ul style="list-style-type: none"> • Inspection and cleaning services 	

The Company always has good relationship with the customers and new products has been sought continually to respond to the customers' needs. Apart from selling various types of products and equipment, the Company also provides related consultancy and after-sales-services to the customers. The Company places importance on quality of products and on time delivery and commits to improve work operations continually by conducting satisfactory survey with the customers regularly, and the results gained shall be used to improve our operation. The Company also provides suggestions and jointly plans with the customers to enhance efficiency of service provision, as well as completely complies with conditions, criteria and requirements of the customers, so the Company has always been trusted by the customers.

Pricing policy

Pricing policy used by the Company is cost plus pricing and selling price must be flexible pursuant to market prices of each type of products. Most of chemicals products supplied by the Company are products of crude oil refinery process and petrochemical productions. Pricing mechanism of products or product costs of the Company shall be defined and fluctuated by pricing condition of oil and petrochemicals. Consequently, product pricing must be flexible and suitable with nature of each product, target group of customer, quantity and value of purchasing order and it must also be able to compete with other competitors in the market and at the same time it must be able to maintain adequate gross profit margin to support selling and administrative expenses and operations.

Distribution and distribution channel

Almost of the Company's products are sold within the country by the Company's sales team who work in head office in Bangkok and branch office in Rayong Province. Sales team shall divide responsibility into each product group, and shall contact, take care of customers' requirements and present products directly. They also contact with the manufacturers or the business partners continually, so that demand of the customers including details of products, tendency of quantity and pricing in the manufacturer's market, competitive environment in the market shall be acknowledged in advance for purposes of effective planning and fixing of product price.

For most of the products supplied, the Company have received an advance purchase order from the customer with period of time for preparation process and agreed scheduled delivery. The customers usually specify their requirements, standards, sources or manufacturers for the Company, so that the Company can procure the products in accordance with their requirements, including propose price and sales conditions in bidding process. Greater numbers of products supplied are products which are made from the manufacturers trusted by the customers and corresponding to the customers' production process standards which they have to use them continually.

Procurement of products and services

Most of the products supplied by the Company have been ordered from many manufacturers in foreign countries and most of them are world-class manufactures of leading chemicals products and equipment used in oil refinery and petrochemicals industries. The Company has a policy to focus on distribute and being a distributor of the products with good quality and standards that conform to requirements of the customers, with clear process on selection of product, COA, source and details of products, i.e. type of chemicals, chemicals compounds, chemical hazardous preventive and corrective action and etc. The business partners who supply the products to the Company must register with the Company and the Company shall regularly review such list for effective operations and creation of confidence on the product supplied.

The Company plans about placing order for the products in an appropriated amount to be supplied to the customers in advance by taking into consideration market trends, requirements of the customers in each period and inventory amount. Reasons are that the Company can stock products adequately for such supply, can reduce loss from opportunity loss due to shortfall amount of inventory or inability to supply products on time and sufficiently with the customers' demand. At the same time, the inventory kept in the warehouse must be controlled to keep it in suitable level and it should not be kept in warehouse for a lengthy period of time that it can cause burdens to the Company.





The Company is a distributor and agent of products in each product group for the following manufacturers:

Product and Service Group	Manufacturer/Distributor
1. Product in Energy and Petroleum Group	
<ul style="list-style-type: none"> Offshore, Refinery and Upstream Petrochemicals 	UOP LLC PALL Corporation Filtration and Separations INEOS Oxide Nikki Universal Co., Ltd. Manoir Industries GC Glycol Co., Ltd. (formerly TOC Glycol Co., Ltd.)
<ul style="list-style-type: none"> Liquid Chemicals 	UOP LLC Albemarle Asia Pacific Dorf Ketal Chemicals
<ul style="list-style-type: none"> Emission & Waste Management 	Donau Carbon Nikki Universal Co., Ltd. Honeywell UOP
2. Products in Industrial Group	
<ul style="list-style-type: none"> Chemical Products 	GC Glycol Co., Ltd. (formerly TOC Glycol Co., Ltd.) INEOS Oxide Clariant Chemical Daelim Corporation Evonik Industries
<ul style="list-style-type: none"> Power & Utility 	Pall Corporation Filtration and Separations Pall Water Toray RO membrane Brüel & Kjær Vibro
3. Other products,	
i.e. crude glycerin and sales of other products.	Bangchak Biofuel Co., Ltd.
4. Provision of services	
<ul style="list-style-type: none"> Provision of consultancy and coordination services for design of manufacturing process 	UOP LLC Vogelbusch GmbH
<ul style="list-style-type: none"> Turnkey construction and installation 	PALL Corporation Filtration and Separations
<ul style="list-style-type: none"> Inspection and cleaning services 	Manoir Industries

Investment in renewable and alternative energy industry

1. Petroleum Production Plant (PPP)

The Company invested in the Petroleum Production Plant (PPP) in Sukhothai Province. The production process uses associated gas which is by-product from crude oil production from Burapa-A production platform of Siam Moeko Co., Ltd. (which is not the Company's connected person) that obtains the petroleum concession in Kongkrait District, Sukhothai Province from the Ministry of Energy to transform into various petroleum products which can be used as fuels, such as

- 1) Compressed Natural Gas (CNG),
- 2) Liquefied Petroleum Gas (LPG),
- 3) Natural Gasoline (NGL), and
- 4) Fuel Gas C1

Its designed total production capacity is approximately 19,681 tons per year, comprising CNG for 12,036 tons per year, LPG for 6,300 tons per year and NGL for 1,345 tons per year. Investment for this project is approximately 620 million Baht. The commissioning test has been commenced since January 2014 and sales of LPG and NGL had been started since May 2014, while sales of CNG had been started on November 2014.

In 2016, the Company has invested Baht 110 million in the project for construction of 7 KM natural gas pipeline between Petroleum Production Plant (PPP) and Sao Thian-A power plant to increase production capacity and to supply Fuel Gas C1 to Sao Thian power plant of UAC Energy Co., Ltd. so that it can be used as feedstock for production of electricity to increase its generating capacity. The plant receives associated gas, which is by-product from manufacturing of crude oil from Sao Thian-A platform of PTT Exploration and Production Public Co., Ltd. (which is not the Company's connected person) at Kongkrait District, Sukhothai Province. The construction has been commenced on February 2, 2016 and completed on June 30, 2016. The commissioning test has been performed since July 2016 and commercial operation date has commenced since August 2016.

Characteristics of products or services

The plant uses associated gas which is by-product from crude oil production to transform into various petroleum products which can be used as fuels or substrate of petrochemical industries, i.e.

- 1) Compressed Natural Gas (CNG) to supply to PTT Public Co., Ltd. to be used as fuel for automobile,
- 2) Liquefied Petroleum Gas (LPG) to supply to fuel trader pursuant to Section 7 of Fuel Trade Act B.E. 2543 (2000),
- 3) Natural Gasoline (NGL) to be used as substrate for solvent production companies, and
- 4) Fuel Gas, to supply as fuel to Sao Thian-A power plant of UTC Energy Co., Ltd. Revenue of the existing phase could be recognized continually since the first quarter of 2014 while revenue from the expansion phase which received gas from Sao Thian-A platform could be recognized since the third quarter of 2016. The production process of petroleum product from the plant uses benefits from associated gas. Hence, it can help reduce flare gas, pollution and destruction of environmental conditions which have impact to the communities and the environment located in nearby areas.

In 2018, PPP could produce petroleum products continually; however the output did not reach the set target because the feedstock producer, Siam Moeko Co., Ltd., has stopped its production since April 2017 to October 2018 and CNG purchase and sale agreement with PTT Public Co., Ltd. has been expired on August 2018. Consequently, PPP has adjusted its production process by increasing supplying of fuel gas to Sao Thien A power plant of UAC Energy Co., Ltd.

Project Site



Location of the project, No. 1/1, Moo 8, Tumbol Kokrat, Amphur Kongkrailat, Sukhothai Province



Pricing policy

- Selling price of compressed natural gas (CNG) is as per pricing formula jointly determined in the Purchase and Sales Agreement between the Company and the Purchaser, which is PTT Public Co., Ltd., by referring to main factors, such as prices of various fuel oils, inflation rate, electricity charge and etc. It is selling price in front of petroleum production plant (PPP).

- Selling price of liquefied petroleum gas (LPG) is pursuant to the LPG price structure announced by the Energy Policy and Planning Office which includes excise tax and local government tax + transportation cost pursuant to floating LPG price policy to promote competition. The Company also remits money into the oil fund and requests for reimbursement at the rates announced by the Notification of Committee on Energy Policy Administration (CEPA). The Purchaser must register to be the fuel trader pursuant to Section 7 of Fuel Trade Act B.E. 2543 (2000). LPG price structure has referred to main factors, such as global LPG price (LPG Cargo) and import expenses and etc. It is selling price in front of petroleum production plant (PPP).



NGL

- Selling price of natural gasoline (NGL) is pursuant to the pricing formula agreed between UAC Global Public Co., Ltd. and the Purchaser, who is the fuel trader pursuant to Section 7 of Fuel Trade Act B.E. 2543 (2000) by referring to the main factors, such as prices of Naphtha in Singapore Market (MOPS or Mean of Platts Singapore).

- Selling price of fuel gas is pursuant to the price agreed between UAC Global Public Co., Ltd. and UAC Energy Co., Ltd.

Distribution and distribution channel

The Company shall sell all of CNG produced from PPP to PTT Public Co., Ltd. only. The Company has entered into the contract for production, delivery and sale of CNG with PTT at the prices specified in the contract and it will delivered by CNG transportation truck. The Company shall sell LPG to the fuel trader pursuant to Section 7 of Fuel Trade Act B.E. 2543 (2000), and shall sell NGL to the domestic solvent operators, while fuel gas shall be sold to Sao Thian-A power plant of UAC Energy Co., Ltd. via 3 inch natural gas pipeline which has distance of 7 kilometers.



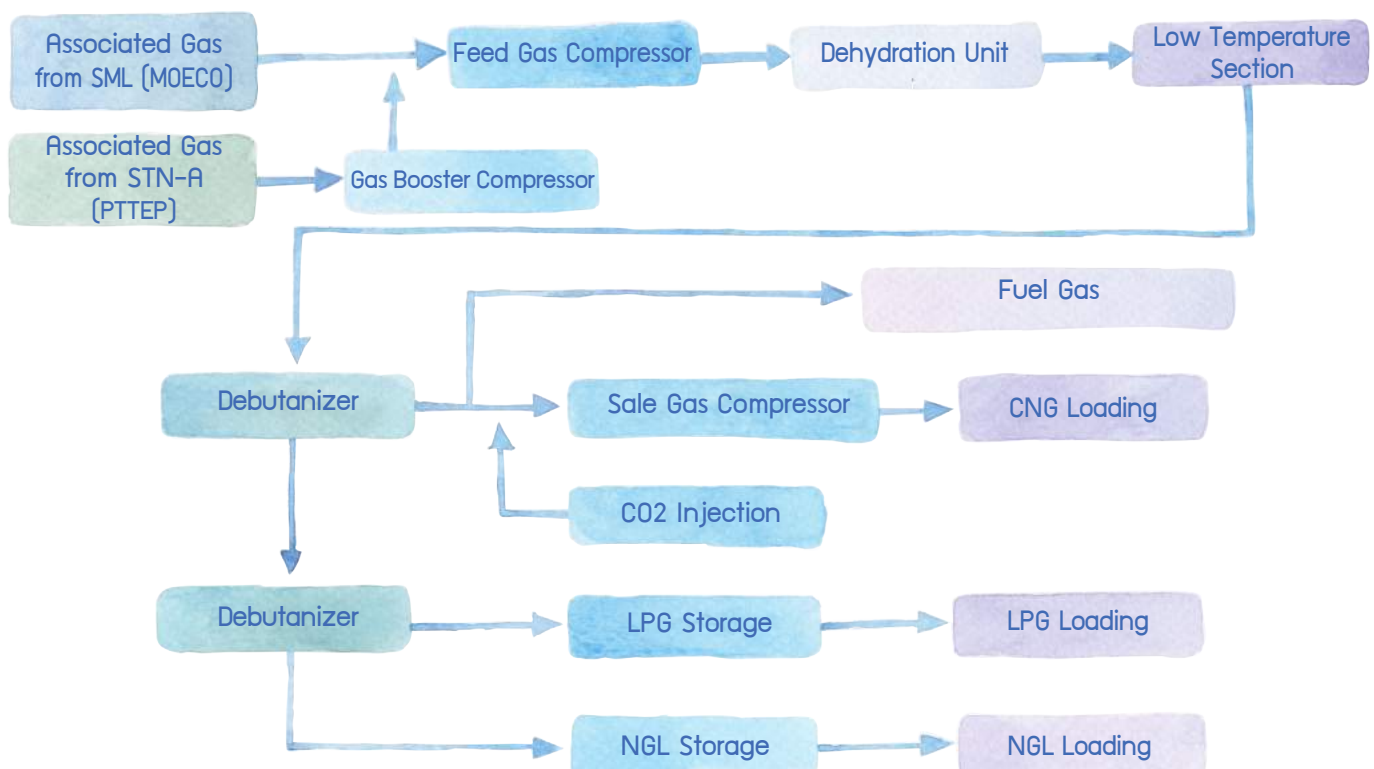
LPG



CNG

Production Process

Manufacturing technique used by PPP is Refrigerant Process or Dew Point Control Unit (DCPU) to control quality of natural gas. This technology generally used by the gas separation plants to control quality of natural gas as it is suitable with the small gas sources. Main principle of this gas production process is to increase pressure through dehumidifier and reduce temperature of natural gas to condense and turn part of gas into liquid. Then liquid gas will be sent to the refinery tower, then distilled into petroleum products, i.e. CNG, Fuel Gas, LPG and NGL, respectively.





2. Generation and distribution of electricity from solar power

UAC Energy Co., Ltd. (UAC Energy) and Solar Energy Roof Power Co., Ltd. (SERP), the Company's subsidiaries, invested in 2 Solar PV Rooftop construction projects with Metropolitan Electricity Authority and Provincial Electricity Authority with total generating capacity of 2 MW. Commercial operation date (COD) of 2 projects has already commenced and revenue has been recognized since the third quarter of 2014.



Characteristics of products or services

Produce and supply electricity from renewable energy in form of solar PV rooftop.

Project Site: Saha Thai Steel Pipe Public Co., Ltd. (SHT), Samut Prakarn Province, invested by UAC Energy

Characteristics of customer and target customer

Direct customers for distribution of electrical energy are Metropolitan Electricity Authority (MEA) and Provincial Electricity Authority (PEA).



Project Site: Von Bundit Co., Ltd., (VBD), Surat Thani Province, invested by SERP

Pricing policy

Pricing policy of electricity shall be as per specified by Metropolitan Electricity Authority or Provincial Electricity Authority which shall be Feed in Tariff (FIT) throughout the contract term of 25 years.

3. Power Generation from Fuel Gas and Associated Gas

On June 1, 2015, the Board of Directors of UAC Global Public Co., Ltd. has approved UAC Energy Co., Ltd. (its Subsidiary) to acquire 2 power plants, Sao Thian-A power plant and Pra Du Thao power plant, from Ratchburi Energy Co., Ltd. at total value of Baht 205 million. Sao Thian-A power plant is located at Moo 11, Nongsaothien Tai Village, Krainai Sub-district, Kongkrait District, Sukhothai Province while Pra Du Thao power plant is located at Moo. 11, Thammaikrai Village, Kong Sub-district, Kongkrait District, Sukhothai Province. Business transfer of such 2 power plants have been completed on April 1, 2016, and UAC Energy Co., Ltd. can recognize revenue from electricity supply immediately from the business transfer date, so it can generate long-term and constant revenues to the Company.

Sao Thian-A power plant has generating capacity of 3.9 MW and its production process uses associated gas, by-product from gas separation process of Petroleum Production Plant (PPP) and associated gas of Sao Thian-A crude oil production well of PTT Exploration and Production Public Co., Ltd, which has been granted concession from Energy Ministry in Sao Thian-A Source, Kongkrait District, Sukhothai Province, as its fuel to produce electricity. Such electricity will be supplied to distribution and transmission system of Electricity Generation Authority of Thailand (EGAT) and Provincial Electricity Authority. Total generating capacity throughout the year of 2018 was approximately 13,900 MWh per year.

Pra Du Thao-A power plant has generating capacity of 3.0 MW and its uses associated gas, by-product from Pra Du Thao-A crude oil production well of PTT Exploration and Production Public Co., Ltd., which has been

granted concession from Energy Ministry in Pra Du Thao-A Source, Kongkrait District, Sukhothai Province, as its fuel to produce electricity. Such electricity is supplied to distribution and transmission system of Electricity Generating Authority of Thailand (EGAT) and Provincial Electricity Authority (PEA). Total generating capacity throughout the year of 2018 was approximately 4,000 MWh per year

Characteristics of products or services

Products of Sao Thian-A power plant and Pra Du Thao-A power plant are electricity which is supplied to Provincial Electricity Authority (PEA). Electricity supplied from for Sao Thian-A power plant will be supplied via transmission and distribution system to Provincial Electricity Authority and electricity supplied from Pra Du Thao-A power plant will be supplied to Electricity Generating Authority of Thailand (EGAT) and Provincial Electricity Authority.

Pricing Policy

Electricity prices will be as per Regulations on Power Purchase from Small Power Producers which has been jointly specified in Non-Firm Power Purchase Agreement between the Company and the Purchasers, which are Electricity Generating Authority of Thailand (EGAT) and Provincial Electricity Authority (PEA).

Distribution and distribution channel

The Company sells all of its generated electricity through transformer and into transmission system of Electricity Generating Authority of Thailand (EGAT) and Provincial Electricity Authority (PEA) where determination of purchase price is as per Regulations on Power Purchase from the Very Small Power Producers (VSPP).



Location of Sao Thian-A power plant, No. 143 Moo 11 Ban Nongsaothiantai, Tambol Krainai, Amphur Kongkrait, Sukhothai Province



Location of Pra Du Thao power plant, No. 32, Moo 11, Ban Tummaigrai, Amphur Kongkrait, Sukhothai Province



4. Electricity generation from biogas by using energy crops (Napier grass)

The Company invested in one 1.5 MWp biogas power plant which uses energy crop (Napier grass) as main raw material in Mae Tang District, Chiang Mai Province which commenced its commercial operation on December 2015. In addition, UAC TPT also invested in 2 projects in Phuphaman District, Khon Kaen Province where construction is nearly completed. Generating capacity of each project is 1.5 MWp. It is now under requesting for electricity selling permit from Provincial Electricity Authority (PEA), so total generating capacity of these plants will be 4.5 MWp, however, it will depend on policy and consideration of the public sector agencies.

Biogas power plant for electricity generation from energy crops, Mae Tang Project Site

Mae Tang biogas power plant is located in Mae Tang District, Chiangmai Province on the leased land of pig farm of Mongkol and Sons Farm (which is not the Company's connected person). It has area of approximately 15 rai and generates electricity from biogas which is obtained from fertilization of energy crop. Its maximum capacity has been designed to produce 1.5 MWp. Such power plant has been certified on ISO 9001:2015 Quality Management Systems from SGS (Thailand) Co., Ltd. on December 2016.



Characteristics of products or services

Maximum electrical energy is 1.0 MWp at voltage of 22,000 volts and frequency of 50 Hz, which has been obtained from fertilization of energy crops to generate methane gas at approximately 50-55%, then supplied to the generator from biogas.



Characteristics of customers and target customers

The Company only distributed electrical energy to its direct customer, Provincial Electricity Authority (PEA) because the biogas plant for electricity generation from energy crop of the Company was the project which has been initiated with the cooperation of the government sector by the Energy Policy and Planning Office (EPPO), Ministry of Energy pursuant to "Promotion of Biogas Technology for Industrial Plants" project to promote the use of energy crops and the derived biogas then serves as an alternative heat and power source.



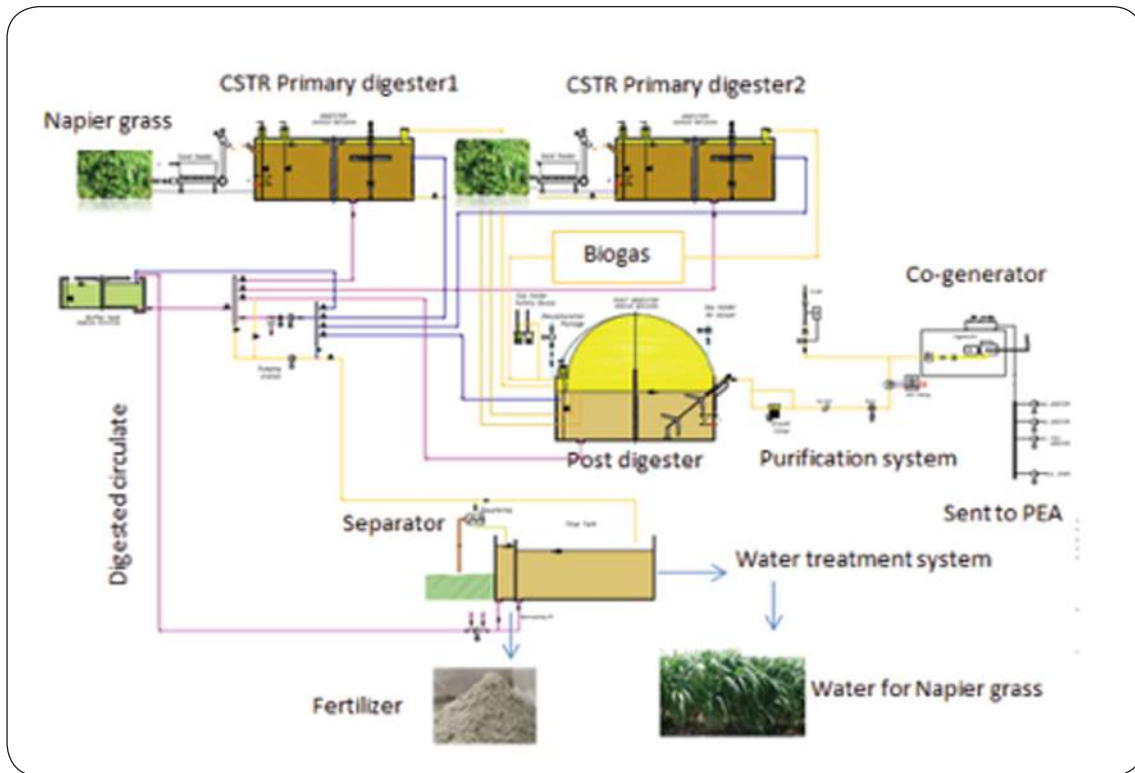
Pricing policy

Pricing policy of electricity shall be as per Notification of the Energy Regulatory Commission Re: Purchase of

Project Site: Mae Tang District, Chiang Mai Province

electricity from renewable energy (excluding solar energy) at “FIT” or “Feed in Tariff” for very small power producer (VSPP) from renewable energy with the contract term of 20 years.

Production Process



5. Compressed Bio-methane Gas (CBG) Project

CBG is one of renewable energy project that can support usage of renewable energy pursuant to the main policy of the Ministry of Energy. This project is located in Mae Tang District, Chiangmai Province on the leased land near pig farm of Mongkol and Sons Farm Co., Ltd. (which is not the connected person of the Company) covering areas of 11 rai 1 ngan. CBG produced from waste from such pig farm shall be used as fuel for vehicle to replace NGV.

The construction of this project has been completed and it can produce CBG which has qualification equivalent to NGV for vehicle pursuant to the notification of the Department of Energy Business. It has been designed to have production capacity of approximately 6 tons per day or approximately 2,160 tons per year.

In addition, the project has been granted promotional privileges from the Board of Investment (BOI) on March 16, 2010. Privileges granted are exemption of corporate income tax on net profit for a period of 8 years commencing as from the date of earning operating income and a 50% reduction of corporate income tax of net profit derived from the promoted operations for a period of 5 years after the tax-exemption period ends. The Company realized revenues from sales of CBG at its plant in Mae Tang District, Chiangmai Province since August 2013. This project has also been certified on ISO 9001: 2008 Quality Management Systems from SGS (Thailand) Co., Ltd. on May 2015 and also ISO 9001:2015 Quality Management Systems from SGS (Thailand) Co., Ltd. on December 2016.

As petroleum prices had reduced continually since 2015 and the production cost of CBG was higher than retail price, so PTT discontinued purchase of CBG from the Company since January 26, 2017.

6. Production and distribution of biodiesel

The Company has joint investment in Bangchak Biofuel Co., Ltd. ("BBF") with BBGI Co., Ltd., a subsidiary of Bangchak Petroleum Plc. ("BCP"), at shareholding ratio of 30% and 70%, respectively. BBF is located in Phra Nakorn Sri Ayudhya Province and engages in business of production and supply of biodiesel which is liquefied fuel used as substitute mixture with some part of diesel oil obtained from petroleum process in order to produce various types of diesel oil such as biodiesel B5. Initially, the production capacity of biodiesel is 360,000 liters per day, later in 2014, BBF has invested in construction of the 2nd factory located in the same area of the 1st factory to increase production capacity by 450,000 liters per day. The construction has been completed and the revenue has been recognized since the third quarter of 2016, so total production capacity is 810,000 liters per day.

Characteristics of product or service

BBF is a producer and supplier of biodiesel (B100), liquefied fuel, obtained from crude palm oil or products from palm oil, such as Palm Stearine which has to undergo chemical process called transesterification process by making palm oil interact with alcohol, i.e. methanol with as alkaline as catalyst until it generates ester which has property closed to diesel called "biodiesel" or "B100". This plant also has crude glycerin (technical grade), by-product from biodiesel production process, which has high demand in the markets currently, as they can be used to produce other chemical products in upstream industry apart from usage in food, medicine and cosmetics industry.

Characteristics of customer and target customer

○ Biodiesel products

All of biodiesel products produced are supplied within the country and target customers are refineries. Biodiesel shall be mixed with diesel oil to obtain biodiesel at various grades. Major customer is BCP, its parent company. BCP has an agreement with BBF to purchase biodiesel products at the minimum rate agreed therein. Other customers are major oil refineries.

○ Glycerin

Glycerin, a by-product of biodiesel production, shall be sold to the major traders both within and outside the country to further resale to the users in other industries, such as food, medicine and cosmetics industry including upstream industries of chemical products.

Pricing policy

Selling price of biodiesel that BBF used for negotiation or bidding with the customers will be mainly referred to the pricing formula announced by the Energy Policy Management Commission, Re: Reference prices of denature ethanol and fatty acid methyl ester biodiesel.

For pricing of crude glycerin, BBF shall refer to glycerin prices in Asian markets with discount as per grade of quality of products as criteria for negotiation and export to abroad.

Manufacturing and Distribution of Latex emulsion and latex polymer

UAC Advance Polymer & Chemicals Co., Ltd. (UAPC), a subsidiary, has been established on January 21, 2015, in which the Company held 99.97%, by acceptance entire business transfer from Advance Polymer & Chemicals Co., Ltd. (APC) on April 30, 2015. UAPC engages in manufacturing and distribution business of chemicals. Products

and services of UAPC can be divided into 3 categories: emulsion polymer, trading and toll manufacturing, with details as follows:

● Emulsion Polymer

UAPC engages in business of manufacturing and distribution of emulsion polymer or it is generally known as “Latex”. Most of products are liquid polymer which has binder properties, for instance it can firmly bind two different materials with each other. Emulsion polymer is important element used in many industries, for example, mixing with pigment to make paint firmly affix with the wall surface or mixing with printing ink in order to make ink has long last stay with paper.

All of emulsion polymer manufactured by UAPC is water base polymer, so they are more environmental friendly and can be safely used by the consumers when compared with other type of emulsion polymer which

uses oil, thinner as solvent base during manufacturing process. Water base emulsion polymer manufactured by UAPC will be mixed for production of finished goods in various industries, such as painting and coating, adhesives and adhesive tape, textiles and garment industry, construction material industry including ink and printing industry and etc.



● Trading

Apart from manufacturing of emulsion polymer, UAPC also focuses on trading business of finished products and raw material chemicals to further respond to the customers’ requirements by offering diversified products. In addition, UAPC also has opportunity to expand to new customer bases from supplying more diversified products. There are wide-range of products under trading business, such as UV Coating, Polyurethane Dispersion (PUD), Emulsion Wax, and etc.

● Toll Manufacturing

UAPC also offers toll manufacturing service to 1 customer. Most of the chemical products manufactured by UAPC are water based solution polymer - clear liquid and of aqueous solution property. Such products are mostly used in cleaning process in industrial sector, such as waste water treatment, scale inhibitor/control. Solution polymer is also used as mixture in liquid detergent and all-purpose cleaning products.

In 2018, actual production capacity of UAPC was approximately 40 percent (total production capacity of 24,000 tons per year) as a result of economic slowdown and very high cost of raw materials. Those factors impacted business operations and did not favor for domestic market expansion. Nonetheless, there were more



development and growth in foreign markets, such as Vietnam and Bangladesh.

UAPC has been granted investment privileges from the Office of Board of Investment (BOI), so it has high opportunity to grow. In addition, UAPC also joined hand with the joint venture to develop new and better quality products to increase its competitiveness and to add marketing channel to penetrate into larger customer bases.

Location of the company and the plant

Headquarter of UAPC is located at No. 1, TP&T Tower, 21st floor, Soi Vibhavadi-rangsit 19, Vibhavadi-rangsit Road, Chatuchak Sub-district, Chatuchak District, Bangkok. UAPC owns 1 manufacturing plant and 1 warehouse, of which such properties belong to UAPC, with details as follows:

Manufacturing plant: No. 50 Moo 3, Sikhio-Chai-ya-phum Road (Highway No. 201), Sikhio Sub-district, Sikhio District, Nakhon Ratchasima Province. It has total areas of 14-3-80 rai.



Warehouse: No. 998 Moo 2, Bang Pu Industrial Estate, next to Soi 1C, off Soi Thetsaban Bang Pu 77 (Bang Pu Industrial Estate), Sukhumvit Sai Kao Road (Highway No. 3), Phraekkasa Sub-district, Mueang Samut Prakan District, Samut Prakan Province. It has total areas of 9-2-0 rai.



Characteristic of customers and target groups

UAPC has more than 100 customer bases who are large, medium and small production manufacturers in various industries.

Engineering, Procurement and Construction: EPC and Operation & Maintenance : O&M

Sebigas UAC Co., Ltd., an associated company, is a joint venture between UAC Energy Co., Ltd., a subsidiary, and Sebigas S.p.A., Italy which engages in electrical energy and biogas production business, as well as has expertise on EPC contract for biogas power plant for more than 50 projects in Europe. This company was established on October 4, 2013 with objectives to operate EPC contract for biogas plant and other energy plants, both in Thailand and countries in South East Asia. Presently, there are 6 projects with total generating capacity of 9 MW located within and outside the country are under construction phase.

Enerray UAC (Thailand) Co., Ltd., an associated company, is a joint venture between UAC Energy Co., Ltd., a subsidiary, and Enerray S.p.A, Italy which has expertise on EPC contractor of solar energy power plant in Europe. This company was established on March 15, 2016 with objectives to operate EPC contractor for solar energy power plant and Operation & Maintenance (O&M) services both in Thailand and countries in Southeast Asia. Currently, projects which are under construction and providing O&M services are:

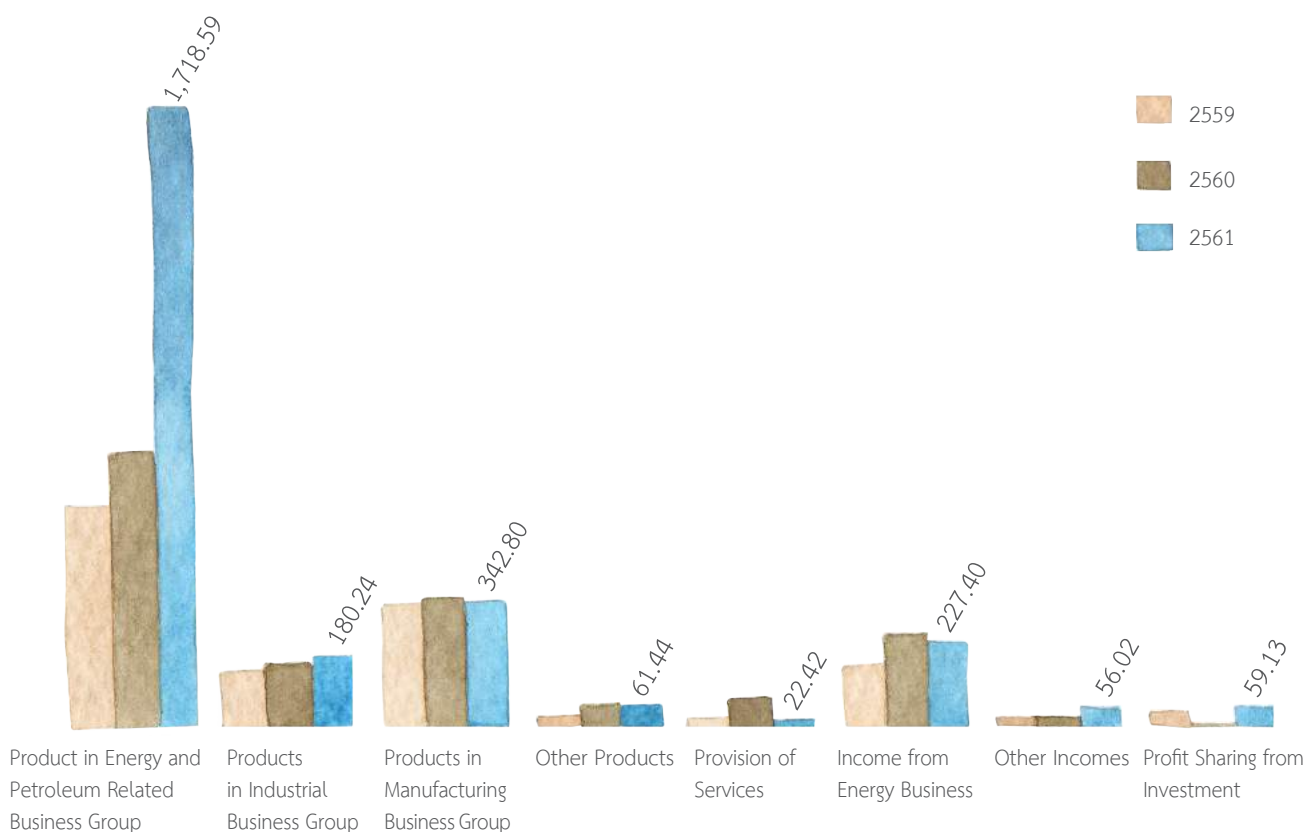
- Construction work 1 MW
- O&M Service 79 MW

Revenue Structure–Consolidated Financial Statement

Type of Incomes	2016		2017		2018	
	Amount	%	Amount	%	Amount	%
Income from Sales						
1. Product in Energy and Petroleum Related Business Group	595.42	43.11	720.86	43.45	1,718.59	64.41
2. Products in Industrial Business Group	158.46	11.47	173.02	10.43	180.24	6.76
3. Products in Manufacturing Business	339.57	24.59	346.62	20.89	342.80	12.85
4. Other Products ^{1/}	33.03	2.39	68.95	4.16	61.44	2.30
5. Provision of Services ^{2/}	36.51	2.64	83.99	5.06	22.42	0.84
6. Income from Energy Business	161.57	11.70	233.42	14.07	227.40	8.52
Total Incomes from Sales and Services	1,324.55	95.90	1,626.87	98.06	2,552.89	95.68
Other Incomes ^{3/}	25.37	1.84	29.72	1.79	56.02	2.10
Total	1,349.92	97.74	1,656.59	99.85	2,608.91	97.78
Profit Sharing from Investment	31.19	2.26	2.53	0.15	59.13	2.22
Total Incomes	1,381.11	100.00	1,659.12	100.00	2,668.04	100.00

^{2/}Income from EPC contract, installation service and consultant fee.

^{3/}Other Incomes are commission from selling of products and services, interest income, gain from foreign exchange rate, proceeds from disposal of assets and others.





Risk Factors

The Company always realizes and puts emphasis on risk management in order to minimize impact from potential internal and external risks. The Risk Management Committee has duty to specify and supervise risk management policy systematically and for maximum efficiency and the risk management working group whose members are the managers of all departments has been assigned to undertake works related to risk management. It is deemed that all employees and business units have to be responsible for managing and control risks to make them in acceptable level. From continued risk management operations, risks in the previous year could be managed to be in the acceptable and appropriated level. In 2018, risks relating to the Company's business operations are as follows:

1. Strategic Risk

1.1 Strategic risks from operations

The Company aims to expand its businesses on clean energy, chemicals and utilities with investment plans both domestically and internationally, as well as to seek for business opportunities on new investments. The Company may face risks from uncertainty of business environment, fluctuation of economic conditions, raw material prices, amount of raw material and petrochemicals prices. Those risks may prevent the Company from attainment to the strategic targets specified. Therefore, in order to reduce such risks, every year the Board of Director's meetings have been arranged to jointly analyze future tendency of business environmental conditions, review and adjust direction of business operation strategies to make them corresponding to the changing business environmental conditions.

1.2 Risks from changes in government's policy

The Company may have risk from changes in government policies because the government's sectors may slow down or change their existing policies, including the policy on alternative energy, for instance, the government sectors had recently slowed down the purchase of power from VSPP projects and such changing policy impacted the Company's new domestic investments. Hence, the Company started to consider for project investments in CLMV countries and put emphasis on increase of production efficiency of the Company's projects currently in operation.

1.3 Risks from changes in technology

At present, development and technology change rapidly and the launch of many new innovations can lead to significant changes to development of industries and business operations. Therefore, the entrepreneurs have to adjust work processes to make them conform to the changes in technology in order to respond to the needs of customer and partners. The Company places importance on information technology development in the organization in order to catch up to the changes, reduce risks and business opportunity loss and increase competitive edge of the organization. The Company has guidelines to improve and develop its information technology system to make it ready to support the expansion of work and new business in the future, as well as to prepare readiness on security of information technology system to enhance efficiency and modernize the work. Moreover, the Company has policy to encourage

the employees in all levels to give emphasis on innovation for sustainable growth of the Company's business.

1.4 Risks from investment in foreign countries

The Company has plans for business expansion in clean energy, chemicals and utilities in CLMV countries to build up the current businesses and to increase opportunity of long-term growth. The Company may have risks from expansion of investments in such target countries as follows:

- Fluctuation of economic conditions of the target countries,
- Fluctuation of foreign exchange rate,
- Change in administration, investment support policy, law and regulations on taxes and others related to investment of those countries,
- Fluctuation of prices of raw materials, products and commodities in the markets, and
- Potential and capability of joint investor and trading partner.

In order to reduce such risks, the Company has conducted detailed study and analysis on laws, policy of public sectors and matters relevant to taxes, including the above mentioned factors of those countries which may impact to investment, then analysis results will be used to consider on suitability for investment.

2. Operation Risk

The Company may have operation risks and material ones are as follows:

2.1 Risks from engaging in business of procurement, import and distribution of chemicals, materials and equipment (Trading Business)

2.1.1 Risks from highly dependent on major customers

The Company's income derives from sale of products and provision of services to major customers and nature of business of most of the major customers can be divided into many business groups and demand of products of each group is diversified. The Company has separated process on orders, dealing and negotiation with each business group. Ratio of combined sales income from each major customer in each business was rather high when comparing with the Company's overall sales income.

The Company may have risks from dependent on major customers in some certain extents. However, when considering that such major customers require to use the Company's products on continued basis as some of them are essential for their manufacturing process and because the Company is a distributor of those products which are manufactured by the well-known and biggest manufacturers in foreign countries which have been trusted by the customers, so the customers' demands for such products have increased consistently and continually. In addition, the Company maintained good relationship with such customers for many years and apart from selling various products and equipment, the Company's experienced sales teams who are knowledgeable in this field of business have also provided relevant consultancy service including after-sales-services. The Company has conducted customer satisfaction survey to improve services constantly. Moreover, the Company also provides suggestions and jointly plans with the customers to increase efficiency of services rendering as well as fully complies

with the rules, criteria and requirements of the customers, so the Company is trusted by the customers all along. Besides, the Company has a policy to develop new products and find new and additional customers to reduce risks from highly dependent on any customer.

2.1.2 Risks from changes in costs of goods

Some part of chemical products distributed by the Company are products of petrochemical industries of which their prices are fluctuated pursuant to prices of crude oil in the world's markets including energy and petrochemical industrial conditions which have cyclical changes. Such conditions make the Company has risks on cost of goods which might unavoidably impact to margin of the Company. To minimize such risk, the Company keeps tracking movement of chemical product prices both domestically and overseas, as well as tendency of crude oil prices in the world market constantly in order to prepare itself for changes in cost of goods and to conduct sales and inventory management plan effectively.

However, such risks from changes in product prices in the world market can be limited to some certain levels, because most of the Company's customers are in the petroleum and petrochemical business, so they have good and thorough understandings about conditions, trends and cyclicity of energy and petrochemical industries. Hence, the Company has flexibility in fixing selling prices of products if there is any change which can have impact to such product prices. Moreover, most of the products ordered or imported for distribution already have purchase orders from the customers or they are products with the annual purchase and sales contract and purchased prices have already been fixed.

2.1.3 Risks from dependent on principal manufacturers

The Company imports and places orders on chemical products and equipment used in various industrial plants with the manufacturers from abroad and within the country and the Company is a distributor of some principal manufacturers.

The Company has been appointed to be a distributor of products and equipment of such principal manufacturers and it has official distribution contracts with clearly conditions on the contract renewal specified. Nonetheless, the Company may have risk if such manufacturer does not renew the contract or terminates the contract upon the expiry term which can make the Company loses income from being the distributors of such products.

During the past period, the Company can maintain good relationship and has been trusted by all of those principal manufacturers continually. The Company has a tendency to increase order from such manufacturers in proportion to the growth of sales amount of the Company. Therefore, the Company is confident that the distribution contract shall be renewed continually in the future. Moreover, the Company did not have any historical record for unable to renew contract with such principal manufacturers at all.

2.2 Risks of energy business from energy corps

2.2.1 Risks relating to raw materials

The biogas power plant uses Napier grass and corn as main raw material. The Company is aware of risks relating to raw material with regards to volume and prices as they may impact to production

process, so in order to reduce such risk, the Company encouraged and supported the farmers who live in the surrounding plant areas to grow Napier grass with long term contract to purchase such grass. The Company arranged project to provide knowledge and understanding to the farmers on planting of Napier grass and also supported on initial investment funds to the farmers as well as main machinery for preparation of plantation areas, harvesting tractors and transportation to the plant, so that they can continue supplying Napier grass to the plant. At the same time, the Company has conducted the study to find alternative energy crops on continued basis. Corn is one of the main raw materials and the Company purchased a large amount of corns from local farmers living surrounding the project site.

2.2.2 Risks relating to accident within the plant

The plant may have risk from critical accident within the plant which may cause by defects of safety equipment or erroneous operation of its personnel. In order to prevent and reduce accident as well as maintain efficiency of the system, the Company selected and used the state-of-the-art technology with maximum safety pursuant to the prudent engineering principles and safety operation standards to use in its business. Sebigas S.p.A from Italy which has long experiences and has leading position in this field has been contracted to be responsible for the design and construction works. Besides, the Company has trained and educated its personnel whose works are relevant to the production process to have knowledge and understanding pursuant to the engineering principles and safety standards to prevent risks which may occur to the plant and may have impact to the nearby communities. In addition, in order to mitigate damages which may arise from such risks, the Company has effected industrial all risks insurance policy by specifying conditions that they must cover all property damages, the Company's personnel and the third party.

2.3 Risks relating to Petroleum Production Plant (PPP)

The Company's Petroleum Production Plant (PPP) is located in Kokrat Sub-district, Kongkrait District, Sukhothai Province and its commercial operation has commenced since early of 2014. The Company may have risks from operation of this plant as follows:

2.3.1 Risk relating to fluctuation of volume of feedstock

Main feedstock used in the petroleum production process of this project is associated gas, which is by-product from the crude oil production process. The Company has entered into the contract with Siam Moeko Company Limited (SML) to purchase and sell of associated gas from the petroleum concession area at Burapa-A production platform and has entered into the contract with PTT Exploration and Production Public Co., Ltd. (PTTEP) to purchase and sell of gas from petroleum concession area at Sao Thian-A production platform. The Company may have risk if SML and PTTEP cannot supply raw materials in an adequate amount for the production as it may make the Company encounter with shortfall of feedstock or if quality of feedstock supplied is not as per expected, it may impact to performance of the project. In order to reduce such risk, the Company has negotiated to increase additional amount of gas and extend the gas procurement contract to be longer period.

Furthermore, the Company may have risk from changing of associated gas price because usage of associated gas is regarded as usage of benefit of by-product of petroleum production, which is natural

resource of the country. The determination of purchase and sales price of associated gas is required to have approval from the Department of Natural Fuels first because it shall impact fee income of the public sectors to be occurred in the future. Therefore, if price of the associated gas increases, it shall impact cost of main raw material, which consequently shall impact performance of the Company.

2.3.2 Risk relating to dependence on a few major customers

The Company supplied CNG to PTT Public Company Limited and has jointly signed in the contract for purchase and sales of CNG obtained from the project on March 12, 2013. However, such contract has been expired on August 16, 2018 and PTT planned to purchase CNG from the Company occasionally as appropriated, hence, the Company has to decrease its CNG production.

Nonetheless, the reduction of CNG production had increased output of other products. The Company supplied LPG to potential purchasers who are in the group of fuel traders under Section 7 of Fuel Trade Act B.E. 2543 (A.D. 2000), while NGL has been supplied to general petrochemicals manufacturers. The Company has expanded LPG and NGL markets pursuant to the increased output amount and it was found that all of the increased amount have been completely sold. Therefore, if the Company can increase the production capacity, there are markets for such increased amount which can generate more income to the Company than distribution of CNG, as main product.

The Company may have risk from dependence on one customer in case of selling of CNG or from having only a few customers in case of selling of all three types of products because the Company may not have high bargaining power. In addition, natural gas is the product under control of the government, so Company may not be able to truly determine its selling price. Therefore in order to minimize such risk, the Company's subsidiary, UAC Energy Co. Ltd., has acquired businesses of Pra Du Thao power plant and Sao Thian-A power plant with generating capacity of 7 MW, which used CI or CNG as fuel, as alternative on minimize dependence on CNG market.

2.3.3 Risk from the change in policy of the government

The prices of products produced from the Petroleum Production Plant are fluctuated pursuant to the world market prices. However, for the past period, the government has the policy to promote usage of natural gas as alternative fuel for transportation sector in order to reduce impact to economic conditions due to the adjustment of prices of crude oil and petroleum products in the world market. Other reasons were to reduce pollution to the environment and to support energy strategy of the country which encouraged usage of fuel that can be procured from domestic sources. The prices of CNG and LPG sold in the country have been controlled by the public sectors continually and they are still below prices of the world market and do not vary much. Hence, the entrepreneur cannot determine selling price appropriately, fairly and consistent with the actual production cost. Beginning from August 1, 2017, LPG business has been liberalized to encourage for complete competition of LPG markets, hence the Company may have risks with regards to pricing as the importers may have lower costs.

2.3.4 Risk from accident within the plant

Products of the plant are flammable and have high risks for causing dangers which may have severe impact to the project and the surrounding communities. Such accident includes gas

leakage or fire, which may either cause by negligence of the employees or from usage life of component of equipment which requires carefulness in control, supervision and management.

However, the PPP Plant uses production technology equivalent to those of the leading natural gas manufacturers and design of the production systems must obtain approval from the relevant government agencies and they must be pursuant to conditions specified in the associated gas purchase and sales contract with SML. The project design must be pursuant to the international standards and Thai standards which shall also mean that the piping, the interconnection points with combustion system and safety system of the plant must be pursuant to the international standards to prevent risks which might be occurred to the plant and impacted SML which is located closed to the plant site. The PPP has been certified for ISO14001:2015 Environmental Management System and OHSAS 18001:2007 Occupational Health and Safety Assessment from the Management System Certification Institute (Thailand) (MASCI). In addition, in order to prevent damages which may arise from such risks, the Company has effected industrial all risks insurance policy by specifying the conditions that it must provide coverage for the risk against property damages, the Company's personnel and the third party.

2.4 Risks from engaging in solar energy business

UAC Energy Company Limited invested in 2 Solar PV Rooftop projects and it has entered into the power purchase agreements with the Metropolitan Electricity Authority and the Provincial Electricity Authority with contract term of 25 years. Presently, commercial operation date of following 2 projects had already commenced:

1. Solar PV Rooftop Project, capacity of 750.20, of Von Bundit Co., Ltd., located in Muang District, Surat Thani Province.
2. Solar PV Rooftop, capacity of 924.56 kWp, of Saha Thai Steel Pipe Public Co., Ltd., located in Prapadaeng District, Samut Prakarn Province.

The Company may have risks from operation of solar PV rooftop business as follows:

2.4.1 Risk related to power generation system, for instance, its efficiency, may not be as per designed capacity

Since efficiency of solar power generation system depends on various factors, such as weather conditions, sunlight and heat, interruption on distribution and supply of electricity from the transmission line of the Power Utility and dirtiness of solar PV may impact to production efficiency as well. Such risks may lessen efficiency of power generating system and make its output unable to achieve as per designed capacity. Therefore, the Company strived to reduce such risks and to maximize efficiency by performing the following works: using technology designed by Enerray S.p.A, the Italian expert and employed the permanent employee as well as the outsourced technical company located closed to the project site to perform maintenance, inspection and improvement on efficiency of such systems so that they can produce maximum electricity constantly.

2.5 Risks related to chemical products business

Risk of the Subsidiary (UAC Advance Polymers and Chemicals Company Limited or UAPC)

UAC Advance Polymers and Chemicals Company Limited (UAPC) engages in business of production and distribution of Latex Emulsion & Polymer to be used in various industries, i.e. painting and coating in industry, printing ink and publishing industry, adhesive and adhesive tape, textile and garment industry as well as construction industry. The Company may have risks from such business operations as follows:

2.5.1 Risk relating to fluctuation of economic conditions

UAPC has increased its production base which has better production efficiency and state-of-the-art machine and equipment has been used for its research & development to manufacture new products in the factory. In this regard, UAPC has to borrow money from the financial institute, so it will have burden from loan interest which may impact operations of the Company, in case the performance of UAPC cannot achieve the target caused by fluctuation of economic condition, which is uncontrollable factor.

Hence, in order to reduce such risk, UAPC will accelerate its business policy to increase more customer bases and develop new products to the markets which including overseas markets and follow up economic conditions closely at all times. UAPC has conducted feasibility study and carefully considered on any investment in order to reduce risks on cash flow and interest burden from loan as mentioned above.

2.5.2 Risk related to shortage of raw materials

Main raw material for production process must be imported from abroad and it takes some time for ordering and delivery. In addition, if during a certain period, some large customers order a large amount of raw materials, UAPC may have risk from shortage of raw materials.

Hence, UAPC has managed to reduce such risks by mainly purchasing raw material from domestic chemical suppliers as well as preparing a plan on amount of raw material to be ordered by analyzing or estimating from purchase orders regularly placed by the customers as well as estimating from orders from the market demand including keep stocks of such raw material in the appropriated amount. At the same time, UAPC has strengthened partnership with more than one raw material manufacturers for competitiveness and to guarantee on amount of raw materials.

2.5.3 Risk from a change of new technology in production process

UAPC may have risk from changing or using new and modern technology in the production process as it may make the existing equipment and machines unable to operate compatibly with the new technology implemented, which subsequently may make the productivity unable to achieve the target. Hence, in order to reduce such risks, UAPC's teamwork who has keen knowledge and expertise as well as the consultant team conducted the study about advantage and disadvantage of the current technology to be used in the new production plant. New factory shall have semi-automatic computerized control system and closed production process for pumping chemicals in order to control pollution

and for safety purpose. Preparation process and chemical reaction process have been designed to have better efficiency. Presently, the construction of new production base has been completed and the production process has commenced since early of 2018. At the same time, UAPC has coordinated with the National Science and Technology Development Agency (NSTDA) to develop new products by using newly constructed technology.

2.5.4 Risk related to natural disaster

UAPC may have risks from natural disasters, i.e. flood, earthquake or drought, and it may make the plant unable to manufacture products pursuant to the customers' demand. UAPC realized about such risk, so it effected insurance policy which provided insurance coverage for such risks already. In addition, in order to mitigate risk in case of drought, UAPC has collaborated with the Water Institute for Sustainability to drill underground well and has installed large water tanks to store water.

2.5.5 Risks related to a change in law and/or criteria related to environment

As UAPC is the manufacture of chemicals which has to comply with the laws and/or criteria related to environment, so UAPC incurs additional expenses. Therefore, UAPC has developed its personnel to make them understand and realize about the importance on compliance with the laws and/or criteria on environment. In addition, UAPC also invested on installation of important equipment for such monitoring process.

3. Compliance Risk

Compliance risk is the important risk which may impact business operations of the Company in the long term in case the Company fails to fully comply with criteria specified by the external supervisory agency, such as on laws, rules and regulations. In order to reduce such risk, the Company has specified the responsible unit to monitor information and news from such external supervisory agency closely including increased warning notification system on supervisory and compliance as well as increased carefulness to prevent mistakes on observing of such compliance regulations.

4. Financial Risk

4.1 Risks Relating to Foreign Exchange Rates

Fluctuation of foreign exchange rate can impact Trading Business of the Company because most of the products have been ordered and imported from foreign countries of which most of them are denominated in US Dollar, while most of products are sold within the country and incomes are largely denominated in Baht. Therefore, the Company is exposed to fluctuation risk from exchange rates. Therefore, the Company has a policy to reduce risk relating to exchange rates by entering into the Currency Forward Contract for Trading Business to make it appropriated with debt burden, increasing revenue ratio from exporting (natural hedge), like the past year including closely monitoring movement of foreign exchange rate.

4.2 Fund raising and financial costs

The Company engages in business of investment in the renewable & alternative energy projects including production, import and distribution of chemicals and equipment used in various industries, such as off-shore natural gas exploration and production, oil refinery, upstream petrochemicals, engine oil

lubricant manufacturing plant, polymer and plastic manufacturing plant, chemical industrial plant, power plant and utilities plant. The objectives for expansion of renewable energy business by means of investment or joint venture are to generate long term revenue and sustainable profit. The Company has carefully and cautiously planned about loan and capital to prevent such investment impact to working capital or liquidity in normal business operations and for steadily growth in the future. The Company's financing activities and implementation financial instrument shall be based on the appropriated financial costs in order to increase alternative and flexibility sources of loan via money market and capital market, as well as to arrange for proper financial cost structure for future growth, including closely monitoring of money market and capital market.

5. Risks from Operating Performance of the Associated Company

5.1 Risks from joint operating performance of Bangchak Biofuel Company Limited

The Company has investment in Bangchak Biofuel Co., Ltd. ("Bangchak Biofuel") jointly with Bangchak Corporation Public Co., Ltd., at shareholding ratio of 30%. The Company may have risk from performance of Bangchak Biofuel and such performance shall have direct impact to net profit and financial statement of the Company. Income from profit/loss sharing from such investments shall not be recorded as any costs in profit and loss statement of the Company and it is not subject to any calculation for corporate income tax.

Therefore, if Bangchak Biofuel has good performance, it can make the Company realize more profits from investments and subsequently can increase its net profit. On the other hand, poor or loss performance of Bangchak Biofuel can impact and reduce net profit of the Company as well. Risks from business operation of Bangchak Biofuel can be summarized as follows:

5.1.1 Risks from fluctuation of amount and price of raw materials

Since production of biodiesel still mainly depends on crude palm oil and prices crude palm oil are fluctuated pursuant to demand and supply of the market. The imbalance of demand and supply shall have impact to stability of crude palm oil prices and it may impact biodiesel production cost. Bangchak Biofuel is aware of the risk from fluctuation price of crude palm oil which is main cost for bio-diesel production. Thus, in order to reduce risk from fluctuation of amount of raw materials, it has selected more than 30 good quality and credible manufacturers as its trading partners in order to diversify risks on raw materials procurement. Additionally, it has executed a long term contract (3 years) for purchase and sales of crude palm oil with some of major suppliers with agreed amount in each contract and criteria of purchase price shall be referred to market prices of crude palm oil market.

5.1.2 Risks from dependent on major customer

At present, most of biodiesel products of Bangchak Biofuel are supplied to Bangchak Corporation Public Co., Ltd., a parent company of Bangchak Biofuel. According to B100 Biodiesel purchase and sales contract between Bangchak Biofuel and Bangchak Corporation Public Co., Ltd., it is specified that Bangchak Corporation Public Co., Ltd. is obligated to purchase at least 60 percent of total biodiesel produced by Bangchak Biofuel for a period of 8 years (until 2017) at normal purchase price and term of conditions. The remaining portions shall be supplied to other fuel traders.

Bangchak Biofuel may have risk from dependent on a major customer. However, the opportunity to lose such primary customer is very unlikely because Bangchak Corporation Public Co., Ltd. is a parent company and a founder of Bangchak Biofuel and Bangchak Biofuel is also capable to sell biodiesel products to other customers who are the major oil companies.

5.1.3 Risk from changes in government's policy

At present, the government sectors encourage the production and usage of biodiesel instead of diesel fuel with objectives to reduce import of fuel from foreign countries, to increase energy stability and to support usage of alternative energy from plants which are domestic productivity. Many measures have been set up to assist and support the biodiesel manufacturers, for instance, support on raw materials or expansion of oil palm plantation areas; support biodiesel manufacturers pursuant to privileges and benefits of the Board of Investment (BOI); mandatory usage of biodiesel (B100) to mix with high speed diesel fuel; prescription of the referenced selling prices of biodiesel; creating biodiesel markets by using taxing measures so that retail prices of biodiesel shall be lower than diesel fuel; prescription of characteristics and quality of biodiesel and etc.

However in the future, if the government sectors change the policy on support of production and usage of biodiesel, biodiesel manufacturers may have been impacted and their return on investment may not be as per estimated or the return may not worth the investment. Anyhow, the opportunity that the government sectors may revoke such biodiesel supporting policy is very rare because the Ministry of Energy has objective to promote biodiesel in the AEDP2015 (Alternative Energy Development Plan) which specified that by 2036, demand for B100 must be increased to 14 million liters per day from the present amount of only 3 million liters per day. The Ministry of Energy specified mixture proportion of biodiesel at 7% and it is now considering to increase mixture proportion to 10% to 20% in the future.

5.1.4 Risk from reduction of demand of diesel fuel

Since demand of biodiesel depends on usage demand of diesel fuel in the market, which depends on economic growth of the country, demand on vehicle usage, tendency on diesel fuel prices and other fuels including growth and substitution of energy usage in various forms, so if demand of diesel fuel changes from anticipated, it may impact to supply of biodiesel and income of Bangchak Biofuel.

Bangchak Biofuel always follows up economic conditions, market status and trends concerning fuel and other energy industries as well as domestic demand of energy both in short term and long term, so that it can adapt itself to the changing situations which may have impact to business operations in the future.

5.2 Risks from Operating Performance of the Associated Company on Engineering, Procurement and Construction (EPC)

The Company has jointly invested business with the experts from Italy, Sebigas S.p.A, the expert on EPC contract of biogas plant and Enerray S.p.A, the expert on EPC contract for solar energy plant by establishment of company in Thailand where UAC Energy Co., Ltd., is the joint investor to operate

EPC contract and O&M Services, both in Thailand and countries in South East Asia. The objectives are to increase revenue and opportunities to the Company on continued basis and such joint venture will increase potential of Company on operating renewable energy business both in Thailand and foreign countries.

The Company may have risk from operating results of both companies because it will directly impact to net profit and financial statement of the Company, as share of loss or profit from such investments will not deduct with any costs in the Company's statement of income. Risk from such business operation could be summarized as follows:

5.2.1 Risks from change in government's policy

Even though the National Energy Policy Council resolved to approve the Alternative Energy Development Plan 2015-2036 (AEDP 2015) with goal to increase the proportion electricity generation from renewable energy for 20 percent of power consumption or for 30 percent of total power consumption which is a good opportunity for EPC contract for renewable energy projects. However, presently such government's policy does not have clear measures on promotion and stimulus for investments in renewable energy. Consequently, it will result in the significant loss on the opportunity to be awarded with construction project.

Nonetheless, as renewable energy development is the main strategy for energy development of Thailand to increase of domestic stability on energy, so it is very likely that the government agencies related to energy will specify policy to support investment for both public and private sectors in order to stimulate economics in the related industries, as well as the EPC and O&M operators who will have more opportunity to be awarded more projects.

5.2.2 Risks relating to fluctuation of foreign exchange rate

Fluctuation of Baht against Euro and US Dollar can impact operating results of EPC business, because most of the equipment placed order by the Company have to be imported from foreign countries, such as Europe and China of which most of them are denominated in Euro and US Dollar, while most of EPC contracts are denominated in Baht. Therefore, the Company is exposed to fluctuation risk from exchange rates because higher appreciation of US dollar shall increase the products purchasing cost of the Company. Therefore, the Company has a policy to reduce risk relating to exchange rates by entering into the currency forward contract which is appropriated with trading transaction and debt burden and term of such contract is approximately 1-6 months. The Company also monitors movement of foreign exchange rate closely to minimize such risk.

6. Other Risks

6.1 Risk from having principal shareholder who has authority to specify management policy

Presently, Mr. Kitti Jivacate, who holds a position of Chief Executive Officer and his family is regarded as having the majority vote to control policy and management tasks in the Company, as well as can control almost resolutions of the shareholders' meeting, except in matters that the laws or the Company's articles of association specified that it required to have three fourth votes of the shareholders' meeting. Therefore, other shareholders may have risk from inability to collect votes to balance the matters proposed by the principal shareholder.

However, in order to make business operations of the Company transparent with balance of power, the Company has established the management structure which is responsible by the competent personnel and also specified a clearly scope of work and delegation of authority to the directors and the executives. Three independent external persons have been appointed to be the members of the Board of Directors (all of them are the Audit Committee) which is more than one thirds of total 7 directors, to audit, balance decision making including consider and approve the matters before presenting to the shareholders' meeting. Additionally, the Company has prescribed measures on transaction with person who might have conflict of interest by restricting voting right of the concerned person. The Company also establishes an internal audit unit by employing the personnel who can work independently and report directly to the Audit Committee. Main duty and responsibilities of this internal audit unit are to oversee internal control system to ensure that it complies with the specified system, in order to strengthen confidence of the shareholders with regard to transparency and balance of the management power of the Company. In addition, the Board of Directors has assigned the Risk Management Committee to prepare organization risk management manual and appointed the working group to study, monitor and review risk management plan of the Company continually.



Shareholding Structure and Management Structure

Shareholders Structure

List of Top 10 Major Shareholders		No. of Shares	Percent
1.	Jivacate Group	373,635,163	55.97
	1.1 Mr. Kittti Jivacate	322,871,363	48.36
	1.2 Miss Chavisa Jivacate	25,424,200	3.81
	1.3 Miss Alisa Jivacate	25,339,600	3.80
2.	Jarumanopas Group	46,546,206	6.97
	2.1 Miss Nilrat Jarumanopas	30,393,901	4.55
	2.2 Miss Niranuch Jarumanopas	16,144,305	2.42
	2.3 Mr. Prasong Jarumanopas	8,000	0.00
3.	Sareewiwatthana Group	45,586,659	6.83
	3.1 Mrs. Waranee Sareewiwatthana	1,620,505	0.24
	3.2 Miss Pimsiri Sareewiwatthana	23,906,137	3.58
	3.3 Miss Pichsinee Sareewiwatthana	20,060,017	3.00
4.	Koseeyarakwong Group	17,543,050	2.63
	4.1 Mr. Paitoon Koseeyarakwong	17,543,000	2.63
	4.2 Miss Pailin Koseeyarakwong	50	0.00
5.	Lerdrachkul Group	14,464,575	2.17
	5.1 Mr. Chiaranai Lerdrachkul	12,187,530	1.83
	5.2 Mrs. Ladda Lerdrachkul	2,277,045	0.34
6.	Lumprasert Group	7,636,366	1.14
	6.1 Miss Kalaya Lumprasert	7,601,791	1.14
	6.2 Miss Malee Lumprasert	27,825	0.00
	6.3 Mr. Surachai Lumprasert	6,750	0.00
7.	Miss Nirin Jui - in	6,951,710	1.04
8.	Thai NVDR Company Limited	6,772,686	1.01
9.	Veswarut Group	5,854,282	0.88
	9.1 Mr. Sutthipong Veswarut	5,814,282	0.87
	9.2 Mr. Wiroj Veswarut	40,000	0.01
10.	Mr. Nattachai Tangjarupongsakul	5,651,700	0.85
	Total Major Shareholders	530,642,397	79.48
	Minor Shareholders	136,962,904	20.52
	Total	667,605,301	100.00

The remaining registered capital amounting to Baht 33,380,500 have been reserved for exercise of the Company's warrants at the amount not exceeding 66,761,000 shares at par value of Baht 0.50.

Restrictions on foreign shareholding

The number of foreign shareholders and percentage of foreign shareholding shall not be more than 49 percent of total issued and paid-up share capital of the Company. As at December 31, 2018, the number of shares held by the foreigners was approximately 0.002 percent of the Company's total paid-up share capital.

As at December 31, 2018, Thai NVDR Company Limited ("Thai NVDR"), a subsidiary company of the Stock Exchange of Thailand, has issued the Non-Voting Depository Receipt (NVDR) to the Company's shareholders as underlying assets at 6,772,686 shares or 1.01 percent of the issued and paid-up share capital. The holders of NVDR are entitled to benefits from the Company's shares, but they cannot exercise their voting rights at the shareholders' meeting because they are not the direct shareholders of the Company. However in practice, Thai NVDR can attend the shareholders' meeting and cast its votes pursuant to its independent judgment, not by order of the holders of NVDR.

In addition, the number of the Company's shares invested by the investors in NVDR may be varied, which cannot be defined by the Company. However, the investor can examine the number of NVDR shares at the website of the Stock Exchange of Thailand at www.set.or.th/nvdr.

Issuance of Other Securities

The Company has issued and allocated Warrants to Purchase Ordinary Shares No. 2 ("UAC-W2") totaled 66,760,000 units to existing shareholders as per the following details:

Allocation of UAC-W2 to the existing shareholders

The Company has allocated UAC-W2 amounting to 66,759,974 units to its existing shareholders pursuant to right offering ratio of 10 existing shares : 1 UAC-W2 (in case there was any fraction of shares, such fraction was disregarded). Shareholders who were eligible to UAC-W2 in this part must be the shareholders whose names appeared in the share registration book on the Record Date (which was March 7, 2018).

The exercise date of UAC-W2 will be on the last business day of March, June, September and December of each year throughout the term of this warrant. The first and the last exercised date are September 28, 2018 and June 30, 2020 respectively. The exercise rate is 1 unit per 1 ordinary share, exercised price is Baht 5.55 per share.

In 2018, Not have the persons who subscribed for the Company's shares UAC-W2 which can be summarized as follows:

NO.	Exercised Date	Exercised		Total	Amount of Money Received (Baht)
		Amount of UAC-W2	Amount of UAC Shares	Amount of UAC Shares	
1.	Sep 28, 2018	-	-	66,759,974	-
2.	Dec 28, 2018	-	-	66,759,974	-

The dividend payment policy

1. The dividend payment policy of the Company

The Company's dividend payment policy is fixed at the minimum 40% of net profit of the separate financial statement after taxes and all statutory reserves required by law. However, such dividend payment must also depend upon cash flow, investment plan, terms and conditions in agreements bound by the Company, including legal restrictions, necessities and appropriateness in the future. In addition, the Board of Directors'



resolution on approval of the dividend payment is required to be proposed to the shareholders' meeting for the approval, except in case of the interim dividend, where the Board of Directors has power to approve and then report to the shareholders' meeting for acknowledgement in the next meeting.

2. The dividend payment policy of the subsidiaries

The Company has 7 subsidiaries, i.e. UAC Utilities Company Limited, UAC & TPT Energy Company Limited, UAC Energy Company Limited, Solar Energy Roof Power Company Limited, UAC TPT Pellets Company Limited, UAC Advance Polymer & Chemicals Company Limited and UAC Top Energy Company Limited. The consideration on the dividend payment is required to have the resolution from the annual general meeting of shareholders and it can do so only after the company sets aside not less than 5 percent of its annual net profit as a legal reserve fund until this fund attains an amount of not less than 10 percent of the registered capital. However, if the company has accumulated loss, dividend payment shall not be allowed.

3. The dividend payment policy of the associated companies

The Company has 6 associated companies, namely Bangchak Bio-Fuel Company Limited, Sebigas UAC Company Limited, Enerray UAC (Thailand) Company Limited, PPWE Company Limited, Odin Power Company Limited and Odin Myanmar Company Limited. The consideration on dividend payment is required to have the resolution from the annual general meeting of shareholders and it can do so only after the company sets aside not less than 5 percent of its annual net profit as a legal reserve fund until this fund attains an amount of not less than 10 percent of the registered capital. The Board of Directors may consider for an interim dividend payment to the shareholders, nevertheless, if the company has accumulated loss, dividend payment shall not be allowed.

Management Structure

The Company's management structure consists of the Board of Directors and 5 Sub-committees, which are the Audit Committee, the Executive Committee, the Nomination and Remuneration Committee, the Risk Management Committee and the Corporate Governance Committee. Names, scope of authority and responsibilities of members of the Board of Directors and the Sub-committees as of December 31, 2018 are as follows:

The Board of Directors comprises of:

No.	Name	Position
1.	Assoc. Prof. Dr. Paiboon Sareewiwatthana	Chairman of the Board of Directors
2.	Mr. Kitti Jivacate	Director
3.	Mr. Chatchaphol Prasopchoke	Director
4.	Miss Nilrat Jarumanopas	Director
5.	Assoc. Prof. Dr. Aekkachai Nittayakasetwat	Chairman of Audit Committee and Independent Director
6.	Assoc. Prof. Dr. Paritud Bhandhubanyong	Audit Committee and Independent Director
7.	Miss Jeerapan Jinda	Audit Committee and Independent Director

Miss Sajjaporn Rammayaprayoon is a secretary of the Board of Directors.

The Authorized Directors

The authorized directors to sign and bind the Company are Mr. Kitti Jivacate, Miss Nilrat Jarumanopas and Mr. Chatchaphol Prasopchoke, two of three directors jointly sign together with the Company's seal affixed.

Term of the Company's Directors

During every annual general meeting, at least one-third of directors shall retire. If number of directors is not a multiple of three, then number of directors closest to one-third shall retire. The directors who shall retire in the first and the second year after registration of the Company shall be selected by drawing lot, and for subsequently years, the longest serving directors shall be retired. A retired director may be re-appointed.

Scope of Authority and Responsibilities of the Board of Directors:

- 1) To oversee and manage the operations of the Company to ensure compliance with the laws, objectives and articles of association of the Company as well as the resolutions of shareholders' meetings, except the matters which have to be obtained an approval from the shareholders' meeting first, for instance, any activity that laws has specified that it must have an approval from the shareholders' meeting, any undertaking of the connected transaction and any acquisition or disposal of the significant assets according to the regulations of the Stock Exchange of Thailand or the other government agencies, and etc.
- 2) To review and approve the significant matters, i.e. vision, mission, strategy, policy, business plan and budget, project investments which do not list in an annual budget, management structure, management power, policies concerning corporate governance, any transaction or action which shall have significant impact to financial position, liability, status, business operations and reputation of the Company, interim dividend payment and any other matters specified by the Stock Exchange of Thailand or as required by laws.
- 3) To supervise performance of the management to ensure compliance with the approved policies, business plans and budget.
- 4) To consider and appoint the qualified person who does not possess the characteristics that are prohibited under the Public Company Act B.E. 2535 (A.D.1992) (including any amendments) and laws on securities and stock exchange as well as the related notifications, regulations and/or rules, in case of a vacancy of a director's position due to the reasons other than by retirement in due course including to appoint the Company's President & Chief Executive Officer.
- 5) To consider on appointment and to determine duty and responsibilities of the Sub-committees as follows:
 - 5.1 To establish the Sub-committees as appropriated and necessary to assist the work operations under the responsibilities of the Board of Directors, i.e. the Audit Committee, the Executive Committee, the Nomination and Remuneration Committee and the Risk Management Committee and etc.
 - 5.2 To consider and approve duties and responsibilities of the Sub-committees, as well as the changes in components of the appointed Sub-committees.
- 6) To establish the reliable accounting system, financial reporting and auditing system as well as to ensure that the internal audit and internal control system are efficiently and effectively, including approve the changes in the significant policies and practices concerning the accounting and internal control system of the Company.



- 7) To supervise and ensure that the Company has the comprehensive risk management system including effective risk management, reporting and monitoring procedures.
- 8) To report the responsibilities of the Board of Directors on preparation of financial report by presenting them jointly with the auditor's report in an annual report.
- 9) To preserve the best interest of the major and minor shareholders on an equitable basis, and to treat all shareholders and stakeholder fairly.
- 10) To oversee and ensure that there are clear and transparent management procedures concerning the connected transactions between the Company and the related persons in place to prevent any conflict of interest by disclosing the correct and adequate information as well as report to the Board of Directors constantly.
- 11) To evaluate the performance of the Board of Directors as follows:
 - 11.1 To prescribe criteria and method on performance evaluation of the Board of Directors and to evaluate their effectiveness constantly.
 - 11.2 The Board of Directors shall evaluate their own performance every year and shall also make the statement on their performance results including the corporate governance policy applied in the Company in an annual report.
- 12) The following operational powers shall be exercised only after they have obtained an approval from the shareholders' meeting first, provided that, any director or person who might have any conflicts, interests or conflict of interest regarding any transaction with the Company or its subsidiary (if any) must not participate in voting on it:
 - (a) Any activity that the laws has specified that it must have an approval from the shareholders' meeting first;
 - (b) Any transaction that any director may have some interests and in scope that the laws or regulations of the Stock Exchange of Thailand prescribed that it must have an approval from the shareholders' meeting first.
- 13) The Board of Directors may authorize one or more directors or any person to act on its behalf. However, the abovementioned authorization shall not include the delegation of authority or sub-authorization which can entitle the director or such authorized person to approve any undertaking that such person or a person who might have conflict of interest, interests or any benefits in any other manners against benefits of the Company or its subsidiary as well as request for an approval from the shareholders' meeting to perform any related transaction and any acquisition or disposal of the significant assets according to the regulations of the Stock Exchange of Thailand and notifications of the Securities and Exchange Commission and/or the related agencies for such undertakings.

The Audit Committee: All members of the Audit Committee are the Independent Directors as follows:

No.	Name	Position
1.	Assoc. Prof. Dr. Aekkachai Nittayagasetwat	Chairman of the Audit Committee
2.	Assoc. Prof. Dr. Paritud Bhandhubanyong	Member of Audit Committee
3.	Miss Jeerapan Jinda	Member of Audit Committee

Mrs. Jarunee Boonmungmee is a secretary of the Audit Committee.

Assoc. Prof. Dr. Aekkachai Nittayagasetwat and Miss Jeerapan Jinda have sufficiently skills and experiences to assume duties of auditing accountability of the financial statement.

Term of Office of the Audit Committee

Term of the Audit Committee shall be 3 years each, except in case of retire on rotation pursuant to the Company's articles of associations. The retired director may be re-appointed but not more than 3 times. The Board of Directors may consider on renewal of term of office of the Independent Director if there are reasonable cause and beneficial to the Company and the shareholders. The Audit Committee shall be directly responsible for the Board of Directors and shall have power, duty and responsibility as per assigned by the Board of Directors.

Scope of duty and responsibilities of the Audit Committee

Scope of duty and responsibilities of the Audit Committee assigned by the Board of Directors including those required to report to the Board of Directors are as follows:

- 1) To review the sufficiency, credibility and transparency of the financial reporting by coordinating with the external auditor and the executives who are responsible for preparing of quarterly and yearly financial reports;
- 2) To review the Company's internal control system and internal audit to ensure that they are suitable and effective, to determine independence of the internal audit unit, including approve the appointment, transfer and dismissal of the chief of the internal audit unit or any other unit in charge of the internal audit activities;
- 3) To ensure that the Company complies with the laws on securities and exchange, regulations of the stock exchange and the laws related to the Company's business;
- 4) To select, propose and terminate an independent person who will be the Company's auditor, and to fix his or her remuneration then propose to the Board of Directors to further request for appointment from the annual general meeting of shareholders, as well as to attend the meeting with the auditor without any participation of the executives at least once a year. In 2018, the Audit Committee and the auditor have attended joint meeting on November 13, 2018.
- 5) To have the power to engage an independent consultant, as necessary at the Company's expenses;
- 6) To review the connected transactions, or transactions that may lead to conflicts of interest, to ensure that they are reasonable, compliance with the laws and regulations of the stock exchange and the Capital Market Supervisory Board, and for maximum benefits of the Company;
- 7) In carrying out duties, if the Audit Committee has found or is suspicious about any of the following transactions or activities which may have material impacts to the financial position or performance of the Company, the Audit Committee must report the Board of Directors to take corrective action immediately:
 - Transaction with the conflicts of interest;
 - Fraud or unusual transaction or significant deficiency in the Company's internal control system;
 - Violation or breach of laws on securities and exchange, notifications and regulations of the Stock Exchange of Thailand, the Office of Securities and Exchange Commission and Capital Market Supervisory Board and the laws related to the Company's business.

In case the Board of Directors or the executives fails to take corrective action within a reasonable period of time, the Audit Committee's member may report such transaction or activity to the Office of Securities and Exchange Commission or the Stock Exchange of Thailand.



- 8) If the Company's auditor discovered any suspicious circumstance concerned with the director, manager or any person responsible for the Company's operations, which violated the law and the auditor has reported such issue to the Audit Committee. The Audit Committee must conduct an additional investigation without delay and shall report the result of the preliminary investigation to the Office of Securities and Exchange Commission and the auditor within 30 days from the notification date of the auditor.
- 9) To prepare the Audit Committee's report and disclose in the Company's annual report. The report must be signed by the Chairman of the Audit Committee and included at least the following recommendations:
 - (a) Recommendation on accuracy, completeness and creditability of the Company's financial report,
 - (b) Recommendation on adequacy of the Company's internal control system,
 - (c) Recommendation on compliance with laws on securities and exchange, the stock exchange's regulations, or other laws related to the Company's business,
 - (d) Recommendation on suitability of the auditor,
 - (e) Recommendation on transactions that may cause conflicts of interests,
 - (f) Number of the Audit Committee's meetings and attendance of such meetings by each committee member,
 - (g) Overall recommendations or observations that have arisen while the Audit Committee performed its duties in accordance with the Charter, and
 - (h) Other matters which should be made available to the shareholders and general investors within scope of duty and responsibilities assigned by the Company's Board of Directors.
- 10) To perform any other tasks as assigned by the Board of Directors, as necessary.

In performing the operations pursuant to scope of work, duty and responsibilities, the Audit Committee shall have power to invite the concerned management, the executives or the employees of the Company to report, provide opinion, participate in the meeting or submit document which is deemed relevant and necessary.

In addition, the Board of Directors has power to amend the scope of duty and responsibilities of the Audit Committee as it deems necessary and appropriated.

The Executive Committee consists of:

No.	Name	Position
1.	Mr. Kitti Jivacate	Chairman of Executive Committee
2.	Mr. Chatchaphol Prasopchoke	Member of Executive Committee
3.	Miss Nilrat Jarumanopas	Member of Executive Committee

Miss Sajjaporn Rammayaprayoon is a secretary of the Executive Committee.

Term of Office of the Executive Committee

Term of the Executive Committee shall be 3 years each. The retired director may be re-appointed. The Executive Committee shall be directly responsible for the Board of Directors and shall have power, duty and responsibility as per assigned by the Board of Directors.

Scope of duty and responsibilities of the Executive Committee

- 1) To oversee and manage the Company's business operations as per assigned by the Board of Directors;
- 2) To define details on recruitment, training, employment and termination of employment of the Company's employees, as well as to define benefits and welfare of the employees which are appropriated with situations, customary practices and consistent with the current applicable laws;
- 3) To formulate policy, business plan, annual budget, management structure and management power in each line of business of the Company to propose to the Board of Directors for approval;
- 4) To consider and approve the capital expenditure which is out of the annual budget or exceeds the annual budget not more than Baht 30 million per transaction or project and to approve an additional expense which exceeds the annual budget not more than 10 percent. In case the cost exceeds the specified limit, The Executive Committee shall propose to the Board of Directors for further consideration and approval.
- 5) To consider and approve for the joint investment in the consortium or joint venture with the project cost not more than Baht 50 million. In case the cost is more than the specified amount, the Executive Committee shall propose to the Board of Directors for further consideration and approval. The Executive Committee shall also have power to approve for any loan or request for credit of the Company at the amount not exceeding Baht 50 million.
- 6) To monitor and follow up the operations of the Company to ensure that they are effectively compliance with the specified management policies and guidelines.
- 7) To perform any other tasks assigned by the Board of Directors from time to time.

However, authority of the Executive Committee as well as delegation of authority to other persons that the Executive Committee deems appropriated shall not include authority or delegation of authority to approve any transaction that the Executive Committee or relevant person who might have conflict of interest, interests or any other benefits in any other manners against the benefits of the Company or its subsidiary or transaction which is not under normal business operation of the Company. Such foregoing transactions are required to submit to the Board of Directors' meeting and/or the shareholders' meeting for consideration and approval pursuant to the Company's articles of association or as per required by law/or the relevant laws.

The Nomination and Remuneration Committee: All members of the Nomination and Remuneration Committee are the Independent Directors as follows:

No.	Name	Position
1.	Miss Jeerapan Jinda	Chairman of Nomination and Remuneration Committee
2.	Assoc. Prof. Dr. Aekkachai Nittayagasetwat	Member of Nomination and Remuneration Committee
3.	Assoc. Prof. Dr. Paritud Bhandhubanyong	Member of Nomination and Remuneration Committee

Mr. Bovornwich Nonthawong is a secretary of the Nomination and Remuneration Committee.

Term of Office of the Nomination and Remuneration Committee

The Nomination and Remuneration Committee shall hold office for a term of 3 years each. The retired director may be re-appointed. The Nomination and Remuneration Committee shall be directly responsible for the Board of Directors and shall have power, duty and responsibility as per assigned by the Board of Directors.



Scope of duty and responsibilities of the Nomination and Remuneration Committee

- 1) To establish the clear, transparent and suitable policies, criteria, methods and procedures for benefits of the Company with regards to nomination, removal or termination of employment of the directors and top executives of the Company and to propose to the Company's Board of Directors for consideration and approval.
- 2) To consider and nominate the list of the persons qualified to be the member of the Board of Directors, the Sub-committee and top executive to the Board of Directors, in case of vacancy of such position or upon expiration of the term.
- 3) To specify the remuneration policy for the directors and top executives of the Company then to propose to the Board of Directors for consideration and approval.
- 4) To consider the compensation packages for the Board of Directors and the Sub-committees which shall include the meeting allowances, salaries, bonuses, shares and other relevant fringe benefits and to propose to the shareholders' meeting for consideration and approval.
- 5) To develop a succession plan for the important executive positions and such plan must be constantly reviewed, by taking into consideration importance of position, nomination and development, so that such executive successor shall have knowledge, capabilities, experiences and other qualifications which meet requirements and be beneficial to the Company.
- 6) To perform any other tasks assigned by the Board of Directors, as appropriated.

The Risk Management Committee consists of:

No.	Name	Position
1.	Assoc. Prof. Dr. Paritud Bhandhubanyong	Chairman of Risk Management Committee
2.	Assoc. Prof. Dr. Aekkachai Nittayagasetwat	Member of Risk Management Committee
3.	Mr. Chatchaphol Prasopchoke	Member of Risk Management Committee

Miss Nirada Phromrach is a secretary of the Risk Management Committee.

Term of Office of the Risk Management Committee

The Risk Management Committee shall hold office for a term of 3 years each. The retired director may be re-appointed. The Risk Management Committee shall be directly responsible for the Board of Directors and shall have power, duty and responsibility as per assigned by the Board.

Scope of duty and responsibilities of the Risk Management Committee

- 1) To establish the overall policies and guidelines on risk management of the Company which shall cover financial risks, marketing risks, risks related to transportation and inventory, investment risks and other risks which might impact the operations and reputation of the Company to propose to the Board of Directors for consideration and approval;
- 2) To establish the criteria on risk measurement and risk limits acceptable by the Company;
- 3) To consider the material risks of the Company and to propose the measures to prevent or reduce such risks to be in acceptable level;
- 4) To oversee, monitor, evaluate as well as to improve the operation plans to reduce risks which are suitable for business operations of the Company on continued basis;

- 5) To review adequacy of risk management policy and system which shall include efficiency of the system and compliance with the specified policy;
- 6) To report the risk reduction operation to the Board of Directors regularly and in case of critical matter which may have significant impact to the Company, such matter shall be reported to the Board of Directors for consideration expeditiously;
- 7) To perform any other tasks assigned by the Board of Directors, as appropriated.

The Corporate Governance Committee consists of:

No.	Name	Position
1.	Assoc. Prof. Dr. Aekkachai Nittayagasetwat	Chairman of Corporate Governance Committee
2.	Miss Jeerapan Jinda	Member of Corporate Governance Committee
3.	Miss Nilrat Jarumanopas	Member of Corporate Governance Committee

Miss Sajjaporn Rammayaprayoon is a secretary of the Corporate Governance Committee.

Term of Office of the Corporate Governance Committee

The Corporate Governance Committee shall hold office for a term of 3 years each. The retired director may be re-appointed. The Corporate Governance shall be directly responsible for the Board of Directors and shall have power, duty and responsibilities as per assigned by the Board.

Scope of duty and responsibilities of the Corporate Governance Committee

- 1) To study and draft the Corporate Governance Policy under framework of the present laws, criteria, rules and regulations of the regulatory bodies, i.e. the Stock Exchange of Thailand, the Office of Securities and Exchange Commission and the relevant agencies as well as pursuant to the international corporate governance practices.
- 2) To propose the Corporate Governance Policy to the Board of Directors for consideration and approval, so that the directors and the executives can use it as the best practices. In addition, the Corporate Governance Policy Statement must also be prepared.
- 3) To supervise, oversee and provide suggestions to the Company's directors and the management on performing duties and responsibilities pursuant to the framework and criteria of the good corporate governance policy to smoothen the operation of the Management; to make it valid for operation and continuity appropriately pursuant to the expectation of the shareholders and the stakeholders.
- 4) To consider, review and improve the corporate governance policy on continued basis or at least once a year so that such policy shall always be up to date and consistence with the international practices as well as the law, criteria rules and regulations as well as the recommendations of the internal regulatory organizations responsible for the corporate governance affairs.
- 5) To monitor and assess the operations of the directors and the executives pursuant to the prudent practices specified in the corporate governance policy every year at the end of the year.
- 6) To prepare the annual corporate governance assessment report and propose to the Board of Directors during the Board of Directors' meeting of the following year including suggest any necessary recommendations and opinions.

- 7) To suggest the best practices guidelines on ethics and business ethics of the directors, executives, officers and employees of the Company.
- 8) To appoint the task force to support the corporate governance operations as necessary and appropriated.
- 9) To perform any other tasks assigned by the Board of Directors.

Corporate Secretary

In order to comply with the corporate governance principles of the listed companies under the Section of Responsibilities of the Board of Directors and the requirements of the Securities and Exchange Act, the Board of Directors No. 3/2012 dated on May 3, 2012 had a resolution to appoint Miss Sajjaporn Rammayaprayoon as a Corporate Secretary. The Corporate Secretary shall be responsible for providing advice on laws and regulations related to the Board of Directors and the executives, supervising the Board's activities, arranging the Board's meeting and shareholders' meeting of the Company, recording a minute of meeting of the Board's meeting and the shareholders' meeting, monitoring and coordinating on compliance with the Board's resolutions, preparing documents and information for new director as well as preparing and keeping the documents, such as a register of directors, a notice calling the director meeting, a minute of meeting of the Board of Directors and an annual report of the Company, a notice calling the shareholders' meeting and a minute of shareholders' meeting; keeping a report on interest filed by a director or an executive and performing any other tasks as assigned by Board of Directors and specified in the Securities and Exchange Act. The details of Corporate Secretary are as follows;

- Education :** Bachelor Degree in Business Administration (Accounting), Assumption University
Master Degree in Business Administration (Finance), Assumption University
- Working Experiences :** 2012 - Present Vice President Investor Relations Department & Corporate Secretary, UAC Global PLC.
2002 - 2012 Assistant Vice President Assets Transfer Department, Thai Assets Management Corporation (TAMC)
- Training :**
- Company Secretary Program (CSP) #46/2012 (IOD)
 - Fundamental for Corporate Secretary #28/2013 (TLCA)
 - Fundamental Laws and Regulations for Listed Company #10/2013 (TLCA)
 - Management Development Program (MDP) #22/2015 (TMA)
 - Advance Corporate Secretary #1/2016 (TLCA)

The Executives comprise of:

No.	Name	Position
1.	Mr. Kitti Jivacate	Chief Executive Officer
2.	Mr. Chatchaphol Prasopchoke	President
3.	Miss Nilrat Jarumanopas	Chief Finance and Accounting Officer
4.	Miss Preeyaporn Thanaratset	Senior Vice President - Sales and Marketing
5.	Mr. Chaiyos Chunvijitra	Senior Vice President - Operations

Scope of duty and responsibilities of Chief Executive Officer and/or the President

Chief Executive Officer and/or President shall have duty and responsibilities on management of the Company as per assigned by the Board of Directors, include the following matters and activities:

- 1) To perform day-to-day business operations of the Company;
- 2) To prepare the policy, business plan and budget, management structure and management powers of the Company to propose to the Executive Committee for consideration before proposing to the Board of Directors for approval;
- 3) To undertake the tasks or operations pursuant to the approved policy, business plan and budget;
- 4) To approve the expenses or investment out of annual budget or exceed annual budget, at the amount not exceeding Baht 5 million for the President and not exceeding Baht 10 million for the Chief Executive Officer.
- 5) To have the power to approve the disbursement pursuant to the budget which has been approved by the Board of Directors, for instance to disburse the amount not exceeding Baht 300,000 each, to disburse an advance payment at the amount not exceeding Baht 100,000 each, to entertain and provide gift pursuant to the monthly budget at the amount not exceeding Baht 200,000, to approve the quotation at the amount exceeding Baht 50 million, to approve sales order at the amount exceeding Baht 50 million. For the President.
- 6) To have the power to write off a bad debt in case of the President, not exceeding Baht 500,000, in case of the Chief Executive Officer, not exceeding Baht 1 million. For the President.
- 7) To develop the organization and personnel to ensure that both of them shall be qualified and effective on continued basis.
- 8) To be the authorized person of the Company to manage the Company's businesses to make them achieve the objectives, regulations, policies, rules, regulations, orders, resolutions of the shareholders' meeting and/or resolutions of the Board of Directors;
- 9) To oversee and maintain good image of the organization;
- 10) To perform any other tasks assigned by the Board of Directors and/or any Sub-committee.

However, the power of the Chief Executive Officer and/or the President as well as delegation of authority to other persons that the Chief Executive Officer and/or the President deems appropriated shall not include the power or delegation of authority to approve any transaction that he or the relevant person who might have conflict of interest, interests or any other benefits in any other manners against the benefits of the Company or its subsidiary or the transaction which is not under normal business operation of the Company. The foregoing transactions are required to submit to the Board of Directors' meeting and/or the shareholders' meeting for consideration and approval pursuant to the Company's articles of association or the relevant laws.

Nomination of the directors and the executives

The Board of Directors and the Chief Executive Officer and the President

The Nomination and Remuneration Committee shall have duty to nominate the qualified persons to hold position of the Board of Directors, the Chief Executive Officer and the President upon vacancy of such position or to replace the director who is retired on rotation. The consideration criteria shall focus on persons who have skills and experiences necessary for business operations of the Company both current and future.

Director Pool of IOD or other related entities or Professional Search Firm (if any) will be used as reference list for qualified candidates as well as Board Skill Matrix which will be used to define required qualifications to create diversification of Board of Directors Structure, not limited to sex, age and education. The qualifications are specified as follows:

- 1) Having qualifications conforms to the Public Limited Act, the Securities and Exchange Act, rules of the Securities and Exchange Commission, rules of the Stock Exchange of Thailand and the corporate governance principles of the Company;
- 2) Having diversified knowledge, capabilities and experiences on various professional fields which shall be consistent with corporate strategy and beneficial and can add value to the Company;
- 3) Having characteristics which support and promote the corporate governance operations to strengthen value to the Company, performing duties with accountability, care and loyalty and can fully devote times for the Company.

Besides, the Company allowed the shareholders to propose director's name in advance. Nomination and Remuneration Committee will consider proposed candidate according to the specified criteria and propose to Board of Director to agree before approving by shareholders' meeting.

To select and appoint the Chief Executive Officer and President, Nomination and Remuneration Committee will select the candidates who meet the specified qualifications and propose to Board of Directors to approve the appointment with majority votes. The selection and appointment of director shall be based on method specified in articles of associations of the Company. Nomination and Remuneration Committee will select qualified candidate as specified procedure above and propose to Board of Directors to agree and the candidate who has been appointed is required to have an approval from the shareholders' meeting. Resolution of the shareholders' meeting shall be made by a majority of votes of the shareholders who present and have the voting rights.

1. The Company's Board of Directors shall consist of at least 5 directors, who have been appointed by the shareholders' meeting and not less than one half of total directors must reside in the kingdom.
2. The shareholders' meeting shall elect the directors pursuant to the following criteria and methods:
 - (1) Each shareholder shall have a number of votes equal to the number of shares held.
 - (2) Each shareholder may exercise all the votes he/she has to elect one or several persons as director or directors. If several persons are to be elected as directors, the shareholder may not allot his/her votes to any person in any number.
 - (3) The candidates who have the highest votes in descending orders shall be appointed as the directors until all of the director positions are filled. In case the votes for candidates in descending order are tied, which would make the number of directors to be exceeded, the Chairman is entitled to a casting vote.
3. During every annual general meeting, at least one-third of directors shall retire. If the number of directors is not a multiple of three, then the number of directors closest to one-third shall retire.

The directors who shall retire in the first and the second year after the registration of the Company shall be selected by drawing lot, and for subsequently years, the longest serving directors shall be retired. A retired director may be re-appointed.

4. Any director who shall resign from directorship position shall submit a resignation letter to the Company and such resignation shall be effective from the date such letter arrives at the Company.

The resigned director under paragraph one may inform his or her resignation to the registrar under the Public Company Act.

5. In case of vacancy of director's position due to reasons other than by retirement in due course, the Board of Directors may appoint a person who is qualified and does not possess any prohibited qualifications specified in the Public Limited Act and laws on securities and exchange to be the director in the next Board of Directors' meeting. Except in a case where the remaining term of a director is less than 2 months, then the term of the newly appointed director shall expire at the same time as the director he/she substitutes.

The resolution of the Board of Directors under paragraph one shall consist of votes not less than three fourths of the remaining directors.

6. The shareholders' meeting may have a resolution to remove any director prior to expiration of his or her term with the votes not less than three fourths of votes of shareholders present at the meeting and have the voting right which must have accumulated shares not less than one half of total shares of the shareholders present at the meeting and have the voting right.

Structure and Components of the Committees

The Board of Directors shall arrange to have the appropriated number of directors with the size of business. At present, there are 7 directors, comprising of 4 non-executive directors and 3 executive directors. Of all total number of directors, the Company has 3 Independent Directors.

● The Independent Director

The Company prescribes that at least one third of total members of the Board of Directors shall be the Independent Directors.

The Board of Directors or the shareholders' meeting, as the case may be, shall appoint the Independent Director to be members of the Board of Directors. One thirds of the Board of Directors and at least 3 members must be the Independent Directors.

Criteria on selection of the Independent Director shall be based on criteria on selection of the Board of Directors. The Independent Director shall not possess prohibited characteristics pursuant to the Public Company Act and the relevant laws on securities and exchange, including the notifications, regulations and/or rules. The Independent Director must have the appropriated education, specialized skills and experiences. They must be proposed at the shareholders' meeting for consideration and approval to be the Company's director. In addition, if any Independent Director vacates from office before an expiration of the term, the Board of Directors may appoint another Independent Director who possesses the abovementioned qualifications to replace such vacated position and the term of the new Independent Director shall be equal to the remaining term of the Independent Director that he or she replaces.

The Board of Directors has specified qualifications of the Independent Director which are stricter than criteria of the Office of the Securities and Exchange Commission and the Stock of Thailand as follows:



1. Holding shares not exceeding 1.0 percent of the total number of voting shares of the Company, its parent company, its subsidiary, its associated company or a controlling person of the Company, provided that, the shares held by the related person of such Independent Director shall also be counted for this purpose.
2. Not being or having been a director involved in the management, an employee, a consultant with a monthly wage or a controlling person of the Company, its parent company, its subsidiary, its associated company, a subsidiary in the same level, a major shareholder or a controlling person of the Company, except he/she has resigned from such position at least 2 years prior to the date of appointment as an Independent Director.
3. Not being related by blood or legal registration as a father, mother, spouse, sibling and child, including as a spouse of the child of an executive officer, a major shareholder, a controlling person or a person who will be nominated to become an executive officer or a controlling person of the Company or its subsidiary.
4. Not having or had a business relationship with the Company, its parent company, its subsidiary, its associated company, a major shareholder or a controlling person of the Company in the manner which may interfere the exercise of independent judgment, including not being or having been a major shareholder, or a controlling person of a person having a business relationship with the Company, its parent company, its subsidiary, its associated company, a major shareholder or a controlling person of the Company, except where such restriction had passed for not less than 2 years prior to the appointment as an Independent Director.
5. Not being or having been an auditor of the Company, its parent company, its subsidiary, its associated company, a major shareholder or a controlling person of the Company, and not being a major shareholder, a controlling person or a partner of an audit office for which the auditor of the Company, its parent company, its subsidiary, its associated company, a major shareholder or a controlling person of the Company work, except where such restriction had passed for not less than 2 years prior to the appointment as an Independent Director.
6. Not being or having been a professional service provider, including a legal consultant or financial advisor who receives service fees exceeding Baht 2 million from the Company, its parent company, its subsidiary, its associated company, a major shareholder or a controlling person of the Company, and must not be a significant shareholder, a controlling person or a partner of such professional service provider, except where such restriction had passed for not less than 2 years prior to the appointment as an Independent Director.
7. Not being a director appointed to represent the Company's Board of Directors, a major shareholder or a shareholder who is related to the Company's major shareholder.
8. Not being in a business of the same nature as, and of significant competition to that of the Company or its subsidiary or not being a significant partner of a partnership or not being a director who is involved with management tasks, a staff member, an employee, a consultant with a monthly wage or holds shares more than 1.0 percent of total shares with voting rights of another company which is engaged in a business of the same nature as and of significant competition to that of the Company or its subsidiary.
9. Not having any other characteristic which prevents the giving of an independent opinion on operations of the Company.

The Independent Director shall examine and certify its own independent qualifications at least once a year, by notifying such result together with a report on bio data of director at year end for preparation of annual information disclosure form (56-1 Form) and annual report of the Company.

● The Audit Committee

The Board of Directors or the shareholders' meeting (as the case may be) shall appoint at least 3 directors to be the Audit Committee of the Company and the Subsidiaries. Each member of the Audit Committee shall be an Independent Director and must not be a director who is appointed from the Board of Directors to make decision with regards to the business operations of the Company, its parent company, its subsidiary, its associated company, a subsidiary in the same level, a major shareholder or a controlling person of the Company. He or She must not be a director of the Company, its parent company, its subsidiary, a subsidiary in the same level of the listed company only. The Audit Committee shall have qualifications pursuant to the laws on securities and exchange, including notifications, regulations and/or rules of the Stock Exchange of Thailand on qualifications and scope of work operations of the Audit Committee.

In addition, at least 1 member of the Audit Committee shall have adequate knowledge, understandings and experiences on accounting or finance that can audit credibility of the financial statement as well as perform other duties as the Audit Committee.

● The Executives

The Company has a policy to select the persons who are knowledgeable, capable and have relevant experiences concerning with the Company's business. The selection process must comply with rules on human resources management and must have been approved from the Board of Directors or the person appointed by the Board of Directors.

The Nomination and Remuneration Committee shall consider and select a person who shall hold a position of the Chief Executive Officer and the President. The appointment of the Chief Executive Officer and the President are required to have an approval from the Board of Directors. The Chief Executive Officer and the President are assigned to appoint the qualified, capable and experienced persons concerning with the Company's business to be an employee in various levels. However, the appointment of a chief or person who is responsible for audit and internal control is required to have an approval from the Audit Committee first.

Directors and Executives Remuneration

A. Monetary remuneration

● The Director

In 2018, the directors' remuneration paid by the Company was as follows:

No.	Name	Directors' Remuneration (Baht)
1.	Assoc. Prof. Dr. Paiboon Sareewiwatthana	360,000
2.	Mr. Kitti Jivacate*	60,000
3.	Mr. Chatchaphol Prasopchoke*	60,000
4.	Miss Nilrat Jarumanopas*	60,000
5.	Assoc. Prof. Dr. Aekkachai Nittayagasetwat	360,000
6.	Assoc. Prof. Dr. Paritud Bhandhubanyong	300,000
7.	Miss Jeerapan Jinda	300,000
	Bonus paid to Non-executive Directors	Bonus to Non-Executive Directors. This year it would be changed by proposing to the shareholder meeting after announcing of business performance of fiscal year. Therefore, bonus to Non-Executive Directors for 2018 would be proposed in the 2019
	Total	1,500,000

Note: * This is remuneration from holding position of the executive committee solely at Baht 5,000 per month and the executive committee is not entitled to receive any remuneration for being the Company's director.

During the 2018 Annual General Meeting of Shareholders on April 4, 2018, the meeting has resolved to approve the monthly directors' remuneration for 2018 at the total amounting not exceeding Baht 2,000,000 (Excluding bonus paid to non-executive director) as per the following details:

No.	Position	Remuneration (Baht/Person/Month)
		2018
1.	Chairman of the Board of Directors	30,000
2.	Company's director	15,000
3.	Chairman of the Audit Committee	15,000
4.	Audit Committee	10,000
5.	Executive committee	5,000
	Bonus of Non-executive Director	Bonus to Non-Executive Directors. This year it would be changed by proposing to the shareholder meeting after announcing of business performance of fiscal year. Therefore, bonus to Non-Executive Directors for 2018 would be proposed in the 2019

Payment conditions

- The Committees who are entitled to the remuneration are the Board of Directors, the Executive Committee and the Audit Committee only.
- Each director can hold the director position in any other specific committees and is entitled to receive a director's remuneration in accordance with the position he/she holds.
- The Company's director shall receive the monetary remuneration at Baht 15,000 per month and the executive director shall receive the monetary remuneration at Baht 5,000 per month. However, in case the executive director is also a member of the Board of Directors and/or a member of any other specific committee, such executive director shall not be entitled to the remuneration as the committee member of the Board of Directors and/or as the member of any specific committee. He/she shall be entitled to the remuneration in the part of the executive director only.
- The Board of Directors and the specific committee shall be entitled to receive the director's remuneration from the Company as gratuity, meeting allowance, pension, bonus or any benefits pursuant to the regulations or as per considered by the shareholders' meeting. Such remuneration may be as per an exact amount or as per defined criteria and shall be specified occasionally or it shall be in effect until further change. Moreover, they shall also earn the allowances and fringe benefits pursuant to the Company's regulations without having any impact to rights of the officers and employees of the Company who have been elected as the committee with regards to remuneration as the committee and benefits as the officer or employee of the Company. Besides, such remuneration payment shall not against or contradict to qualifications of the Independent Director which has been specified in the laws governing securities and exchange.
- All non-executive directors of the Company are entitled to bonus. In case the Company deems appropriated, the Company may consider on payment of bonus to all non-executive directors at total amount not exceeding 3.5 million Baht. The Board of Directors shall decide when the bonus shall be made as well as details on bonus payment, for instance paying bonus to all non-executive directors who still hold the position. In case term of office of any non-executive directors is less than one year, bonus payment may be made proportionately to term of office of such non-executive directors.

● The Executives

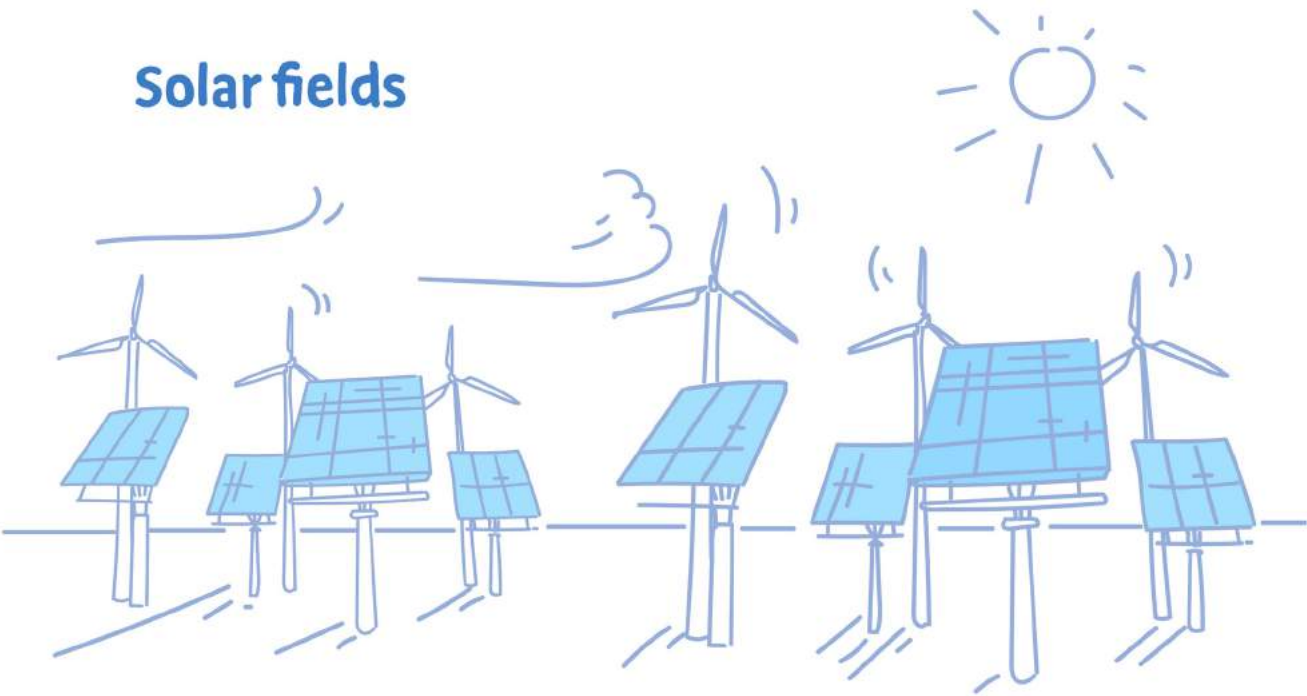
In 2018, the Company has paid the remuneration to the executives as follows:

Remuneration	2017		2018	
	No. of Person	Remuneration (Million Baht)	No. of Person	Remuneration (Million Baht)
1. Salary, bonus and other remunerations, i.e. commission, vehicle cost and contribution to social security fund	5	16.91	5	22.04
2. Contribution to provident fund	5	0.68	5	0.73
Total		17.59		22.77

B. Other remuneration

The Company’s Board of Directors received other remuneration as follows:

Type	Premium / Year	Coverage Amount
Health Insurance	19,131	Condition shall be pursuant to type of treatment
Life Insurance	2,080	800,000
Accident Insurance	1,303	1,300,000



Corporate Governance

The Company realizes and puts emphasis on effective, transparent and auditable management system to enhance confidence of all parties concerned and for sustainable growth of business by performing the works ethically and complying with all relevant laws. Hence the Company has defined corporate governance policy to elevate the existing operations, so that they can have clearly and systematically standards and communicate to the Company's employees at all levels to strengthen the truly corporate governance culture by having policy or operation to maintain fundamental rights of the shareholders that they should be fairly obtained pursuant to the laws or more than that for maximum profit of the Company, the shareholders and the stakeholders in the long run and on sustainable basis. In addition, the Company has publicized the corporate governance policy in its website and also makes available to the directors, the executives and all employees for their acknowledgement and realization on importance of corporate governance on promotion of sustainable growth of the Company.

Since 2014, the Thai Institute of Directors (IOD) has adjusted survey guidelines and criteria where each category has been changed to make it conform to ASEAN CG Scorecard. In 2018, the Company's average score on corporate governance performance was 93 percent ("Excellent") which was higher than average score of overall listed companies which was at 81 percent. The essence of corporate governance performance can be summarized as follows:

1. The Rights of Shareholder

The Company recognizes and emphasizes the importance of the fundamental rights of the shareholder, as an investor in the securities and as owner of the Company, i.e. right to buy, sell, transfer shares in their possession, right to share in profits of the Company, right to have adequate access to the Company's information, right in the shareholders' meeting, right to express opinions and to jointly make decision on significant matter of the Company, i.e. allocation of dividend, election or removal of the directors, appointment of an auditor, approval of the significant transaction which has impact to direction of the Company's business operations, amendment of the Company's affidavit, certificate of incorporation, articles of associations and etc. The Company also encourages all members of the Board of Directors, the executives and the auditor to participate in the shareholders' meeting. In 2018, the Company arranged the 2018 Annual General Meeting of Shareholders on April 4, 2018 at the Meeting Room on the 25th Floor of TP&T Tower in order to accommodate the shareholders including the investors for their conveniently participation in the meeting. The operations on compliance with corporate governance principles of the Company are as follows:

• Invitation to the Shareholders' Meeting in Advance

During the Meeting of the Company's Board of Directors No. 2/2018 on February 19, 2018, the meeting resolved to arrange the 2018 Annual General Meeting of Shareholders on April 4, 2018. The Company has disclosed the meeting resolution, meeting date, agenda and informed other information via Elcid system of the Stock Exchange of Thailand on the next working day, February 20, 2018, for the shareholders'

acknowledgment in advance before the invitation letter to the meeting is sent by Thailand Securities Depository Co., Ltd., which is the share registrar of the Company at least 7 days in advance before the shareholders' meeting. The Company also advertised it in the newspaper for 3 consecutive days which was March 21-23, 2018, so that the shareholders can have adequate time to study and prepare themselves before attending the meeting. Furthermore, the Company also publicized the invitation letter including a complete supporting document as well as opinions of the Board of Directors for each agenda, in both languages, Thai and English, on the Company's website on March 2, 2018, which was 30 days in advance before the meeting date. The shareholders and the investors have also been informed of such disclosure via the SET's Elcid system as well.

• On the Shareholders' Meeting Date

During the 2018 Annual General Meeting of Shareholders, all 7 members of the Board of Directors, including the auditor and the Company's legal advisor have attended the meeting. Before the meeting commenced, the chairman of the meeting introduced the directors, the auditor and the Company's legal advisor to the shareholders and assigned the legal advisor to explain to the shareholders on how ballots are cast and counted including how to vote for the agenda on election of the director to replace the director who is retired on rotation which must be voted one person at a time. The shareholders or the proxy have also been invited to jointly participate and examine the vote counting during the meeting.

The meeting has been conducted in accordance with sequence of the agenda listed in the invitation to the meeting without any additional agenda which has not been specified in the invitation letter. Information has been provided according to the agenda and the shareholders including the proxy were encouraged to express opinion, suggestion or enquiry. The time provided for consideration of each agenda was reasonable and adequately. The Chairman and the executives have answered any enquiry clearly, precisely and pay attention to all questions before requesting the meeting to vote in each agenda. The policy on remuneration and method on prescribing remuneration of the directors has been presented to the shareholders. The shareholder must have an opportunity to exercise the right to vote on election of the director individually, so that the director who has the most appropriated qualification will be selected. For agenda on selection of director, the shareholders shall put their voting cards in the box to be kept as evidence.

In case any shareholder is unable to attend the meeting by himself/herself, the Company shall allow such shareholder to proxy any independent director or any person to attend on his/her behalf, by using one of proxy forms attached with the invitation letter to the shareholders' meeting. During 2018 Annual General Meeting of Shareholders, there were 70 shareholders attended the meeting by themselves with total shares of 471,766,550 shares and 74 proxies with total shares of 56,160,570 shares. Therefore, there were 144 people presented in the meeting with total shares of 527,927,120 shares, or accounting for 79.08 percent of total 667,605,301 issued shares, which constituted the quorum pursuant to the law and pursuant to the Company's articles of association.

• After the Shareholders' Meeting

During every meeting, a minute of meeting must be taken and important enquiries and suggestions must be recorded therein accurately and completely as well as voting results in each agenda, i.e. approved, disapproved, abstained and invalid ballot. The resolution of the minute must be publicized via the Elcid system of the SET on the next working day after the meeting date, of which for this year, it was on April 5, 2018. The minute of meeting has been sent to the Stock Exchange of Thailand, the Office of Securities and Exchange Commission, the registrar of the public limited company, Department of Business Development, Ministry of Commerce on April 18, 2018 which was within the specified timeframe of 14 days. In addition, the minute of meeting of 2018 Annual General Meeting of Shareholders, both in Thai and English, including video and audio of such shareholders' meeting have also been posted on the Company's website.

2. The Equitable Treatment of Shareholders

The Company treats all shareholders equally, regardless of gender, age, race, nationality, religion as follows:

• Propose meeting agenda and nominate a candidate for the director position

The Company has an equitable treatment policy for all shareholders, particularly the minority shareholders by allowing the minority shareholder, individually or collectively, who hold minimum shares not less than 200,000 shares for at least 6 consecutive months to propose any meeting agenda for the shareholders' meeting as well as to nominate a suitable candidate for the director position, together with the detailed information for consideration and/or qualifications and consent of the candidate who shall be nominated in advance of the shareholders' meeting. The Company by the Nomination and Remuneration Committee shall screen the agenda which are truly beneficial and shall select the candidate with properly qualifications before proposing to the Board of Directors for consideration, then specify in the meeting agenda.

On September 20, 2017, the Company has invited the shareholders to propose agenda and nominate the candidate for director position in advance for the Annual General Meeting of Shareholders publicized via the SET's Elcid system including the Company's website, under topic of "Investment Relations". Criteria and method for such proposal and nomination have also been specified. The period for such proposal and nomination was during September 20, 2017 to December 31, 2017 before the Nomination and Remuneration Committee arranges the meeting to select the one third of directors who shall be retired on rotation and before the Board of Director holds a meeting to consider the agenda for the Annual General Meeting of Shareholders. However, no shareholder submitted their request for the Company's consideration and the Corporate Secretary has reported to the meeting of the Board of Directors for their acknowledgement already.

• Facilitate the shareholders during the shareholders' meeting

The Company provided adequate staff to facilitate the shareholders and the proxy who attended the meeting. The registration shall be opened 2 hours in advance before the meeting and it has been expanded to the period before the consideration of the last agenda. Barcode system has been used for registration process for conveniently and speedily purpose.

All shareholders shall have equitable right. Before each meeting, the chairman shall clearly explain how ballots are cast and counted and shall provide reasonable time to all shareholders to express their opinions, suggestions and inquiries in each agenda. The chairman shall conduct the meeting in accordance with sequence of the agenda. The Company does not have a policy to add agenda without notifying the shareholders in advance, so that all shareholders shall have time to study agenda before they make any decision.

- **Usage of inside information and undertaking of related transaction**

The Company employs a strict policy on usage of inside information to prevent any abusive self-dealing for the sake of fairness of all stakeholders. The Company has prescribed the policy and the written guidelines on maintaining the Company's inside information and guidelines to prevent exploitation of such information for personal gain. The Company also specifies that the directors, the executives and all employees shall not purchase or sell the Company's shares by using confidential and/or inside information and/or enter into any legal acts by using the Company's confidential and/or inside information, which may cause damages, either directly or indirectly, to the Company. Additionally, the directors, the executives and the employees who work in the unit that can access to inside information shall not use such information before it has been disclosed to the public. Any persons who can access to inside information including their spouses, children under legal age, are prohibited to purchase or sell the Company's shares, directly or indirectly (such as the nominee via the personal fund) within 1 month before disclosure of quarterly and annually financial statement and at least 3 days after disclosure of such information.

The Company provided information to the directors and the executives on their obligations to report their securities holding of the Company and penalty clauses pursuant to the Securities and Exchange Act B.E. 2535 and the regulations of the Stock Exchange of Thailand. In case the directors or the executives purchased or sold the Company's securities, such directors or the executives are required to notify the Corporate Secretary at least 1 day in advance and file a report on their holdings of the Company's securities, including of their spouses and children under legal age pursuant to Section 59 of the Securities and Exchange Act B.E. 2535 every time they buy or sell such securities within 3 days to the Office of the Securities and Exchange Commission, the Stock Exchange of Thailand and the Company's Board of Directors for acknowledgement and further dissemination to the public. The summary of change in securities holding of directors and executives in 2018 is as follows:

No.	Director / Executive	Number of Shares Held		
		As of Jan 1, 2018	As of Dec 31, 2018	Increase (decrease)
1.	Assoc. Prof. Dr. Pailboon Sareewiwatthana	-	-	-
	Spouse	1,620,505	1,620,505	-
	Child under legal age	-	-	-
2.	Mr. Kitti Jivacate	322,496,663	322,871,363	374,700
	Spouse and child under legal age	-	-	-
3.	Mr. Chatchaphol Prasopchoke	4,448,442	4,455,542	7,100
	Spouse and child under legal age	-	-	-
4.	Ms. Nilrat Jarumanopas	30,393,901	30,393,901	-
	Spouse and child under legal age	-	-	-
5.	Assoc. Prof. Dr. Aekkachai Nittayakasetwat	-	-	-
	Spouse and child under legal age	-	-	-
6.	Assoc. Prof. Dr. Paritud Bhandhubanyong	-	-	-
	Spouse and child under legal age	-	-	-
7.	Ms. Jeerapan Jinda	-	-	-
	Spouse and child under legal age	-	-	-
8.	Ms. Preeyaporn Thanaratset	92,201	92,201	-
	Spouse and child under legal age	-	-	-
9.	Mr. Chaiyot Chunwijitra	-	-	-
	Spouse and child under legal age	-	-	-

Moreover, the Company establishes the disciplinary penalty against the employees who exploit usage of or disclose inside information which, if released prematurely, would cause damage to the Company. Various penalties have been imposed, such as verbal warning, written warning, probation and termination of employment, by firing or discharging, as the case may be.

The Company also adheres to the equitable treatment of shareholders and prescribes the transparent and auditable management policy and guidelines on conflict of interests, especially in consideration on transaction between the Company and the interest person or the related persons. In case of such incident, such interest person shall report to the Company immediately and shall not participate in consideration or voting in such matter. The Company also stipulates the guidelines to prevent the director or the executive who has an interest in transaction from participating in decision making process. During the vote session at the Board of Directors, any director with such interests shall not be entitled to vote. In addition, the Company considered about type of related transaction or connected transaction and value of transaction by referring to Notification of the Capital Market Supervisory Board No. TorJor 21/2551 Re: Rules on Entering into Connected Transaction and strictly disclosed to the Stock Exchange of Thailand, requested for approval from the Board of Directors or requested for approval from the shareholders, as the case may be. Related transaction or connected transaction has

been disclosed in the Annual Report under Section “Person with Mutual Interests and Related Transaction”. Such related transaction has been performed pursuant to fair and at arm’s length basis, and necessity including reason for such transaction must also be specified.

3. The Role of Stakeholders

The Company recognizes the rights of all stakeholders, including the internal stakeholders (i.e. the shareholders, the executives and the employees of the Company) and the external stakeholders (i.e. the creditors, the customers, the business partners, the competitors, the government sector, the societies and the communities). The Company realizes that the supports and opinions from all stakeholders shall be beneficial to the business operations of the Company. Therefore, the Company shall comply with the laws and the related regulations to ensure that the rights of those stakeholders are under good care. In addition, during the course of business operation, the Company has taken into consideration the rights of all stakeholders pursuant to the following policy and guidelines:

Shareholders : To treat all shareholders equally, maintain their benefits and not perform any action which may violate or lessen their rights; to strongly commit to increase maximum satisfaction to the shareholders by taking into consideration the sustainable growth of the Company; to increase value added and appropriate returns on continued basis as well as to adhere to good corporate governance.

Employee : To treat all employees equally and fairly, with regards to the opportunity, compensation, fringe benefits, i.e. provident fund, life insurance, health and accident insurance, employee’s loan welfare, welfare for employee’s children scholarship and potential development. All employees are regarded as valuable resources and key factor to drive the organization to achievement. The Company shall consider on payment of compensation and allocation of welfare to the employees every year by referring to the Company’s operating results and compensation provided by the companies in same group of industry, so that determination of compensation and welfare shall be fair and in the same direction for both the Company and its subsidiaries, both for short-term and long-term so that remuneration rates shall be in appropriated level and competitive with companies in the same industry. In addition, the employees’ performance shall be evaluated pursuant to balanced scorecard principle, where the all employees shall be assessed into 2 aspects, i.e. performance achievement based on KPI and potential based on competency assessment. Moreover, the Company also encouraged for the growth of employees’ career path, for example, give them opportunity to transfer to other position or assign them to take responsibilities pursuant to their knowledge at the Company’s newly expanded company. In case of a vacant position, the existing employee will be informed for applying for such position first. In addition, welfares provided by the Company are also better than those required by the laws, such as provident fund, medical welfares and etc. In addition, the Company is determined to become the learning organization to enhance corporate culture and working atmosphere, promote team work, develop capabilities of the employees and ensure that they have securities in their careers and confidence in their quality of life and safety at work. The Company shall listen to opinions, recommendation and complaint from the employees at all levels equally and fairly.

Moreover, the Company has arranged various activities to encourage participation among the employees, i.e. badminton club, excursion trip to promote a teamwork collaboration, such as Sports Day and New Year Party, CEO Meets New and Current Employees, Water-pouring ceremony to ask a blessing from the respected elderly on Songkran Festival, staff birthday celebration and office merit ceremony and offering food alms to the monks at the office and employee rehabilitation by massage therapy, team building activity and etc. Furthermore, annual medical check-up services and vaccination against influenza have also provided to the employees of the Company and its subsidiaries every year. The employees' family members can also enjoy special benefit on annual medical check-up service at the hospital equivalent to the benefit obtained by the employees.

Customer : To determine to create satisfaction and confidence to customers; take good care and be responsible for customers. Customers shall receive good, qualified and safely products/ services at the appropriated prices and pursuant to the prescribed standards. The Company shall strictly comply with the conditions and agreements made with customers. The Company shall develop itself to increase standards of products and services continually and shall maintain good and sustainable relationships with the customers as well as shall not exploit the customers' information for the benefits of its own or of the related persons. Besides, for the past period, the Company has received good evaluation from the customers.

Business partners and creditors : To take into consideration the equality, fairness and integrity while conducting business. To have business ethics and maintain mutual benefits with the business partners and the creditors by strictly observing laws and rules jointly specified. To not request for, receive or pay any fraudulent benefits while dealing business with the business partners. To strictly comply with conditions and treat the creditors fairly as well make repayment in timely manner, maintain warranty securities and other conditions under the agreement fully and correctly and pursuant to good corporate governance principles. The creditors and the business partners shall be reported in advance if the obligations in the contracts cannot be met and corrective measures shall be jointly discussed.

- **Business partner shall be selected based on the following criteria:**
 - Compliance with the law, possess social ethical standards and put emphasis and consideration on human rights, society and environment.
 - Having good business operation condition with stable financial status, verifiable workplace and good tracking records. Such company must not have any restriction for trading due to corruption or fraudulent act or is listed as work abandoner or in blacklist of the public and private sectors.
 - Provision of satisfied works, with regards to quality, prices, delivery schedule and services.
 - Can deliver products constantly and can respond to the changes with flexibility.

Competitors : To treat the business competitors pursuant to the international practices under the laws on trade competition principles and shall adhere to good and equally competition rules. To



not obstruct any business competitors, do not damage reputations of the business competitors by accusing, mudslinging and attacking ungrounded or perform any actions which are unfair to the competition.

Public sector : To emphasize transparency and integrity while performing any transactions with the officials or the government agencies in order to avoid any improper actions and against best management practices as well to oppose the offer of a bribe to the government officials to facilitate or for benefits of the Company.

Communities, societies and environment : The Company has the policy to conduct the business with community, social and environmental responsibilities with regards to safety, quality of life and natural conservation; to promote effective use of energy; to realize the quality of life of the community and society as well as to assure that all of operations or decisions made or all products and business undertakings of the Company are performed appropriately and complied with the laws, rules, regulations and standards and they do not have any impact to the environment, community, society as well as all stakeholders. The Company also encourages its employees to have consciousness and responsibility to the surrounding communities, society and environment and to provide coordination with the activities arranged by the communities that the Company have business with, as appropriated.

The Company determines to conduct many social and environmental responsibility projects in order to be a part in developing community and society as well as realizes about the social responsibility or the impacts which may incur to all stakeholders for sustainable business operation in the future. Moreover, the Company also established the social responsibility policy by focusing on conducting business with social and environmental responsibility including supporting the social, community and environmental activities on continued basis. The Company emphasized on significance of fundamental human rights, respect of right and freedom without discrimination and non-infringement of intellectual property or copyright including anti all kinds of corruption. There is also a quality policy which places importance on procurement of good and quality products, delivery of goods correctly and on timely manner. Additionally, the personnel must be developed to increase the competitive edge and efficiency. The employees shall strictly uphold to these principles for work efficiency and effectiveness.

For more details on activities performed with the stakeholders and social responsibility in 2018, please see “Sustainability Development Report 2018”, which shall form an integral part of this annual report.

Policy and practices on non-infringement of intellectual property

The Company respects and complies with the law on intellectual property and establishes a policy forbidding all operations which has nature of infringement of intellectual property in all respects in the code of conduct and the employee’s ethics for the employees’ acknowledgement and strictly compliance. Details on such practices are as follows:

- All employees must respect right of the intellectual property’s owners. Information technology and communication shall be prudently and carefully used pursuant to the legal and Company’s requirements.

- Inspect and ensure that works or information obtained of which its rights belong to the third party does not infringe other person's intellectual property before using in the Company.
- Upon termination of employment, all intellectual properties including works in all forms and format must be returned to the Company.

Anti-Corruption

The Company has specified the anti-corruption policy and set up measures to prevent and handle corruption which might occur or has occurred in the Company by taking into consideration moral principle, mercy, righteousness and principles of law. In addition, the Company has announced and implemented the "Anti-corruption Policy", so as to make the directors, the executives and the employees at all levels realize the importance of business operations with morality, transparency and accountability as well as to prevent all activities of the Company and its subsidiaries from corruption. The Company also provided the channels for the stakeholders and the investors to notify, suggest, file a complaint or clue with regard to illegal act, correctness of financial statement, defective internal control system or any act which is against the ethics principles to the Board of Directors via the Audit Committee via the following channels:

- **Chairman of the Audit Committee** **Email :** chairman_auditcom@uac.co.th
Letter : No. 1, TP & T Tower, 19th floor, Soi Vibhavadirangsit
19, Vibhavadirangsit Road, Chatuchak Sub-district, Chatuchak
District, Bangkok 10900
- **Corporate Secretary** **Email :** sajjaporn@uac.co.th **Tel. No. :** 0 2936 1701 Ext. 118
- **Company's Website** **Click at icon :** Send email to Chairman of the Audit Committee.

Details of the person who notifies such information (the whistle blower or the informant) or the clues shall be kept confidential to protect the right of such informant including the person who cooperates in fact finding. There are protection measures in place to make the whistle blower or the information including the person who cooperates for fact-finding confident that they will not be impacted from such complaint or from notifying such clue. The Company has communicated the "Anti-Corruption Policy" and "Fraud Protection Prevention Policy" to all employees during orientation session and also publicized via the Company's bulletin board, Data Center as well as on the Company's website for acknowledgement and strictly compliance by the directors, the executives and the employees.

Anti-corruption Policy: http://uac-th.listedcompany.com/misc/cg/anti_corruption_th.pdf

Fraud Protection Policy: http://uac-th.listedcompany.com/misc/cg/fraud_protection_policy.pdf

Moreover, the Company has applied to be a member of Partnership Against Corruption for Thailand (PACT Network) arranged by Thai Pat Institute with supports from the Office of Securities and Exchange Commission (SEC). The Company's representatives also attended the "2018 Anti-Corruption Day", which has been jointly arranged by the Anti-Corruption Organization of Thailand (ACT) and both public and private network members on September 6, 2018 at Bangkok International Trade & Exhibition Centre (BITEC).

The Company has specified guidelines on monitoring and assessment on compliance with the fraud protection policy and anti-corruption policy, where the Internal Audit Unit will inspect the internal control system, assess risks including corporate governance and will provide suggestions on continued basis. The Internal Audit Unit

shall determine an annual audit plan which must be approved by the Audit Committee and shall report the inspection results including recommendations to the Audit Committee every quarter. If, after the investigation of the complaint or the facts from investigation, it is found that there is reasonable evidence that it should be believed there is any transaction or action which may be regarded as malpractice or corruption, the Audit Committee shall report to the Company's Board of Directors to inform the improvement/correction measures within the period of time the Audit Committee deems appropriated. During 2018, the Company has not received any clue or complaint from the internal or external stakeholders at all and this information has already been reported to the Board of Directors and the Audit Committee during the meeting held on February 22, 2019.

4. Disclosure of Information and Transparency

The Board of Directors puts emphasis on disclosure of accurate, timely and transparent information, financial report and general information pursuant to the criteria of the Office of the Securities and Exchange Commission and the Stock Exchange of Thailand as well as other material information which shall impact the prices of the Company's securities, decision-making procedures of the investors and the stakeholders of the Company. The Company has disclosed its information technology to the shareholders, the investors and the public through the channels and public media of the Stock Exchange of Thailand and on the Company's website for the sake of fairness and credibility.

The Company has specified the policy that the directors and the executives must report about their conflict of interests in the form provided every year and every time there is any change (if any) of the interest. The corporate secretary shall present such report to the Chairman of the Board and the Chairman of the Audit Committee for acknowledgement.

With regards to the Investor Relations, the Company has established the Investor Relations Unit to facilitate the investors and the stakeholders on an access to the Company's information. However, since there are only small numbers of such activities, therefore the Chief Executive Officer and/or the President was assigned to contact, communicate with the relevant institutional investors, the shareholders, as well as the analysts and the other related organizations. Other channels to contact with or enquire any information of the Company are via the Company's website (www.uac.co.th) or contact the corporate secretary at tel. no. +66 2936 1700 Ext. 118 and Email Address: sajjaporn@uac.co.th or ir@uac.co.th.

In 2018, the Company has publicized information to the analysts, the investors, the shareholders, and the press in various channels as follows:

1. Participate in 'Opportunity Day' Event arranged by the Stock Exchange of Thailand for the performance of the 1st Quarter of 2018, including participation in mai Forum 2018, arranged by mai Stock Market on July 1, 2018 where many shareholders and the investors were interested in and visited the Company's booth.
2. Mr. Kitti Jivacate, the Chief Executive Officer and Mr. Chatchaphol Prasopchoke, the President, gave interview to the television programs and mass media to provide information on nature of business, performance and business operation policy of the Company, such as:
 - Give interviews via television and radio, i.e. Stock Review, Make Profit, Money Channel, Money Daily, Mati Hoon Online and Company Snapshot by mai.
 - Give interviews to the magazine, i.e. Forbes Thailand

- Give interview to the press of Energy and Stock Desks and etc.
- 3. Publicize information and analysis review of UAC securities issued in 2018 on the Company's website under topic of "Investor Relations". Present information and video about 'Opportunity Day', '2018 Annual General Meeting of Shareholders' including Quarterly Company Snapshot on the Company's website.
- 4. Welcome analysts and fund managers from various securities companies who visited the executive, such as:
 - Maybank Kim Eng Securities Public Co., Ltd.
 - Asset Plus Fund Management Co., Ltd.
 - Securities GMO - OZ Communications (Thailand) Co., Ltd.
 - Krungsri Securities Public Co., Ltd.
 - AIRA Securities Public Co., Ltd.

The Board of Directors shall be responsible for the Company's financial statement, and the financial information as presented in the annual report. Such financial report shall be prepared pursuant to the generally accepted accounting principles of Thailand by selecting and constantly adhering to proper accounting policies. The information in the financial statement must be adequately and accurately disclosed. The Audit Committee shall review quality of the financial report and the internal control systems including disclose the material information adequately in the notes to financial statements then report to the Board of Directors for acknowledgement.

The Company has engaged D I A International Co., Ltd. to be the auditor of the Company and its subsidiaries for 2018. This company has been engaged as the auditor since 2009 and it did not have any interest with the Company, its subsidiaries, executives, major shareholders or the related persons of the aforementioned parties. It has independency and recognized qualifications as well as approval from the Office of the Securities and Exchange Commission. The Company's financial statement always has been certified without any conditions from the auditor. The Company did not have any track record for being ordered to amend the financial statement by the Office of the Securities and Exchange Commission and it did not have any record for late submission of both quarterly and annual financial statement.

5. Responsibilities of the Board of Directors

• Structure of the Board of Directors

The Board of Directors consists of the knowledgeable and experienced members in diverse fields useful for Company's business without any discrimination against age, gender and educational background and does not possess the prohibited characteristics pursuant to the law on public limited companies. The Board has important role in setting up policies and overall image of the organization, including supervising, auditing and evaluating performance of the Company against the given plans to ensure that they are in line with the laws, regulations, and resolutions of the shareholders' meeting with honesty, ethics and under code of conduct. It shall supervise the management tasks of the executives to ensure that they are as per the specified targets and guidelines for the maximum benefits to the Company and the shareholders. The Company has the policy on restriction on holding of director position where each director can hold director position not more than 5 listed companies, so that the Company can gain maximum benefits from each

director because he/she can devote his/her time to perform duty effectively and efficiently. The Chief Executive Officer and the President shall report to the Board of Directors in case they hold director position in other company, except in the case where they have been assigned to hold such position by the Company.

The structure of the Company's Board of Directors is that more than one third of total members of the Board of Directors are the Independent Directors to act as balance of power on casting vote while considering various matters and the Audit Committee shall comprise of 3 Independent Directors. The Company has a policy that term of office of the Independent Director shall not be more than 3 terms, 3 years each. The Board of Directors may consider on renewal of term of office of the Independent Director if there are reasonable cause and beneficial to the Company and the shareholders.

At present, the Board of Directors consists of 7 members, 4 of them are non-executive directors who are qualified to be Independent Directors (3 of them are Independent Directors and members of the Audit Committee) and 3 executive directors who are the Chief Executive Officer, the President and the Chief Financial Officer. The number of the Company's Independent Directors is compliance with the criteria specified by the Office of the Securities and Exchange Commission and the Stock Exchange of Thailand which specified that it must not less than one thirds of total number of directors.

The Company's articles of association specified that during every annual general meeting, one-third of directors shall retire. If the number of directors is not a multiple of three, then the number of directors closest to one-third shall retire. The directors who shall retire in the first year and the second year after the registration of the Company shall be selected by drawing lot, and for subsequently years, the longest serving directors shall be retired. A retired director may be re-appointed.

The Board of Directors has appointed various Committees, namely the Executive Committee, the Audit Committee, the Nomination and Remuneration, the Risk Management Committee and the Corporate Governance Committee to conduct specific matters and propose them to the Board of Directors for consideration or acknowledgement. Such Committees shall have the rights and duties as per specified in their scope of duty and responsibilities. Furthermore, the Company has a policy to assess performance and review operations of the Committees every year.

The Board of Directors has a policy that the Chairman of the Board and the Chief Executive Officer must not be the same person for clarity on responsibilities between specifying supervisory policy and routine management. Roles and responsibilities of the Board of Directors and that of the executives are clearly defined and segregated with balance of power. The Board of Directors has duty to formulate the policy and oversee the operations of the executives at policy level, while the executives perform their duties in various aspects pursuant to the specified policy.

The Board of Directors has appointed Miss Sajjaporn Rammayaprayoon as the Corporate Secretary on May 3, 2012 who shall have duties and responsibilities as per specified by the Securities and Exchange Act B.E. 2535. The Corporate Secretary shall be responsible for providing advice on laws and regulations that the Board of Directors and the executives must be well aware, supervising the Board's activities, arranging the Board's meeting and shareholders' meeting of the Company, recording a minute of meeting

of the Board's meeting and the shareholders' meeting, monitoring and coordinating on compliance with the Board's resolutions as well as preparing and keeping important documents of the Company, such as a register of directors, a notice calling the director meeting, a minute of meeting of the Board of Directors and an annual report of the Company, an invitation letter to the shareholders' meeting and a minute of shareholders' meeting; keeping a report on interest filed by a director or an executive and performing any other tasks as specified in the Securities and Exchange Act.

- **Roles, Duties and Responsibilities of the Board of Directors**

The Board of Directors has duties to consider and provide opinions on important matters concerning business operations of the Company, such as vision and mission, strategies, risks, action plan and budget as well as to monitor performance of the executives to ensure their efficiency and effectiveness on compliance with the specified policies and action plan. The vision, missions, strategies, objective, business operation direction including important policies of the Company must be reviewed and considered every year or when nature of business has significantly changed. In 2018, The Board of Directors has considered and reviewed vision, missions and strategies and resolved that it's still appropriate and consistent with business operation for 1-4 years (2017-2020). However, The Board of Directors will regularly consider and review strategies to accommodate changes in government policy and economic situation, both domestic and international, to enhance the business expansion continuously and sustainably.

The Board of Directors also monitored, supervised and implemented the specified strategies and the management has to present the operating results by comparing with the specified targets to the Board of Directors' meeting every quarter. Such information will be used for closely monitoring the operating results of the management and to ensure that they shall be as per the specified strategy.

- **Segregation of Duties between the Board of Directors and the Management**

The Board of Directors has segregated power, duties and responsibilities on establishing supervisory policies and routine management clearly. The Chairman of the Board of Directors, the Chief Executive Officer and the President are appointed by the Board of Directors. The Chairman of the Board who must not be the same person as the Chief Executive Officer shall take the lead and have key roles in making decision concerning the Company's policies as a result of the meetings of the Board of Directors under business objectives jointly considered and established by the Board and the executives. During each meeting, all directors are encouraged to actively participate as well as express their opinions independently. The Chairman shall also act as a chairman of the shareholders' meeting of the Company. However, the Chairman shall not engage in routine tasks but shall support and give advice on business operations to the executives through the Chief Executive Officer constantly. The Chief Executive Officer shall be responsible for business management under the power authorized by the Board of Directors. Details of the power, duties and responsibilities of the Board of Directors have already been specified in the "Management Structure."

The Chief Executive Officer and the President shall be responsible for management of the Company within the scope of authority assigned by the Board of Directors, the Company's article of association, resolution of the shareholders' meeting, resolution of meeting of the Board of Directors' meeting or the Committees' meetings. In addition, they can give order or perform any works necessary and appropriated to make the

operation successfully achieve and also have power to approve for placement, appointment, transfer, removal as well as determine compensation and welfare of the employees, provided that, they shall not be contrary with the assigned authority or resolution of the Board of Directors.

• Policy on Corporate Governance

The Company has prepared the written corporate governance policy and such policy has been approved by the Board of Directors' meeting No. 1/2010 on May 6, 2010 and later has approved the amendment of the corporate governance policy during the Meeting of the Board of Directors No. 1/2014 on February 21, 2014. The Board of Directors assigned the Corporate Governance Committee to regularly review and monitor on compliance with such policy and present to the Board of Directors for acknowledgment. The Company has communicated with everyone in the organization about the correct and mutual understandings about ethical standards for business dealings and encouraged everyone to comply with such specified policy. Practices pursuant to corporate governance principle that the Company has not yet complied are as follows:

Not Yet Complied	Reason
1. The Chairman of the Board is an independent director.	Segregation of duties between the Board of Directors and the top executives has been clearly specified. The Chairman of the Board of Director is not the same person of the Chief Executive Officer and the Chairman of the Board will not participate in daily management tasks, so there is a balance of power between the corporate governance and the management.
2. More than 66% of the members of the Board of Directors must be non-executive directors.	
3. More than 50% of the members of the Board of Directors must be the independent directors.	
4. The Board of Directors has a policy to limit the number of years and that the independent director can hold office not more than 9 years.	Even though it is specified that the term of the independent director shall be not more than 3 periods or 9 years, but the Board of Directors may consider to extend the term of office of the independent director if there is a reasonable cause and it will be beneficial to the Company and the shareholders. The reasons are that the Board believes that the independent director who holds office more than 9 years can understand nature of business operations of the Company and still maintain independence on consideration, giving opinion or recommendation which will be beneficial to the Company because qualifications of the independent director specified by the Company are stricter than criteria specified by the SEC and the SET.

• Code of Conduct

The Board of Directors adheres to the equitable and fair business operations and specifies a written code of conduct and the employees' ethic to put into practice and disseminate to the directors, the executives and the employees as practical guidelines. Objectives are to express its intention to conduct

business with transparently, ethically and responsibility to the stakeholders, by taking into consideration the societies and environment through the trainings and various communications within the organization. Such code of conducts shall reflect goodwill and practical guidelines to be observed by all employees. Ethical framework include respect and comply with laws, interests and conflicts of interests, use of inside information and maintenance of confidential information, internal control system and internal audit, receiving and giving of gifts, properties or other benefits, intellectual properties, information technology and communication, political rights and impartiality, employees treatment and responsibility to stakeholders.

The Company has announced and informed all employees for their acknowledgement and strictly compliance beginning from the orientation when they start to work as well as promoted on compliance with such guidelines continually. The internal audit unit shall regularly follow up their performance then report to the Audit Committee for its acknowledgement.

- **Conflict of Interest**

The Company's policy concerning the conflict of interest is based on principle that any decision making on business operations shall be based on maximum profits of the Company only and shall avoid any acts which may cause conflict of interest. The directors, the executives and the employees shall review and disclose the transactions with conflict of interest for the Company's acknowledgement, as well as to inform their relationship or connection with such transaction. During any consideration, person who is related to or connected with such transaction shall not participate in consideration process and shall not have power to authorize such transaction. Any undertaking to be conducted shall bear in mind about its suitability, prices and conditions, like conducting the transactions with the third party.

The Audit Committee shall propose the connected transactions and the transactions with conflict of interest to the Board of Directors for consideration and approval and they shall be carefully considered to ensure compliance with criteria of the Stock Exchange of Thailand as well as to disclose them in the annual report and annual information disclosure form (Form 56-1).

The members of the Board of Directors and the executive of the Company shall include their spouses and children under legal age. When there is a change in securities holding of the Company, they shall notify the Company and submit a report on a change of securities holding to the Office of the Securities and Exchange Commission under Clause 59 of the Securities and Exchange Act B.E. 2535 (A.D. 1992) within 3 working days after the date such shares have been purchased, sold, transferred or accepted transfer. In addition, the directors, the executives or the working units that can access to inside information are prohibited to disclose such information to the third party or other people who do not have the related responsibilities. They are also prohibited to purchase or sale of securities of the Company within 1 months before disclosure of financial statement to the public and at least 3 days after disclosure of such information to prevent any wrongfully use of inside information.

- **Internal Control System**

The Board of Directors places importance on good corporate governance and internal control systems, both at management and operation level. Internal control system is a key mechanism to provide confidence to the executives to reduce business risks, support effective business operations by allocating properly

resources to achieve the targeted objectives. It can prevent the assets from missing, losing or wrongfully exploiting. It can also make the annual report accurately and credibility, including can help the personnel to comply with related laws and regulations as well as to protect the shareholders' investments. As a result, the Company has defined a clearly written policy on duties, operational powers of the executives and the employees, on control usage of the Company's assets, including to appropriated segregate the operating person, the supervising person and the evaluating person for purpose of balance of power and cross checking.

The Board of Directors assigns the Audit Committee to audit the suitability and efficiency of the internal control systems established by the executives, relating to the operation, financial reporting, compliance with rules, regulations, policies and corporate governance principles including risk management. The Board of Directors also emphasizes on advance warning signs and irregular transactions. For this year, the Company has engaged El Business Advisory Co., Ltd. (ELBA) which has capabilities and experiences on auditing internal control system to be the Company's internal auditor to audit and ensure that the Company has adequate and proper internal control systems. For full independency and balance of power, such internal auditor shall directly report to the Audit Committee. In addition, the Company has assigned Ms. Wongnapak Lertwanich (Manager of Internal Control Unit) to be a main coordinator with ELBA to provide information and monitor performance of internal control unit to ensure that it complied with suggestions made by ELBA, as well as to audit internal control system, apart from audit pursuant to work plan of ELBA, upon request by the Audit Committee or the management, as the case may be. The Company shall constantly follow up and evaluate adequacy and appropriateness of the internal control systems at least once a year to ensure effectiveness of the system.

• Risk Management

The Board of Directors puts emphasis on risk management and is responsible for defining overall risk management policy of the organization, assessing risk and managing them to be in acceptable level. The Board of Directors has appointed the Risk Management Committee to manage risks to ensure that risk management is effective and is compliance with the specified policies. Overall principles are that there shall be the measures to tackle any risks that might prevent achievement of the planned business operations and the Company must have measures for managing those risks by arranging internal control system and risk management system in place as well as disclose it to encourage and stimulate everybody to build up working culture that realizes importance of risks and understanding of their causes then corrects them, for instance the improvement of the working procedures, usage of the resources properly as well as usage of tools to prevent or mitigate any possible risks. The abovementioned systematic operations can provide new business opportunities which can add value to the organization.

• Report of the Board of Directors

The Board of Directors is responsible for the financial statement of the Company and assigns the Audit Committee to audit and prepare the financial report in accordance with the generally accepted accounting principles. The Company's important information must be adequately and transparently disclosed. The Accounting Department and/or the auditor shall attend the joint meeting and present the financial

report to the Board of Director every quarter. The Board of Directors is responsible for the Company's financial information including the financial information system (Report on Responsibilities of the Board of Directors to the Financial Report) as presented in the annual report. Such financial statement has been prepared pursuant to the generally accepted accounting standards and has been audited by D I A International Audit Co., Ltd., the Company's auditor. Disclosure of important information system including the financial and non-financial information shall be based on complete facts and on regularly basis.

- **Self-assessment of the Board of Directors**

The Board of Director has specified the policy that mandated all directors to assess performance of the whole committee and individually as well as the Committees for operations in each year. Self-assessment Form of the whole Board of the Directors and the individual director comprises of 6 main topics: (1) Structure and Qualifications of the Board; (2) Roles and Responsibilities of the Board; (3) the Board Meeting; (4) the Board's Performance of Duties, (5) Relationship with the Management; and (6) Self-development of Director and Development of the Executive. Additional details in each topic will be provided to the director to support their consideration. The Board Self-assessment Form shall be reviewed on appropriateness every year. The Corporate Secretary shall collect and summarize results of self-assessment of the whole committee and individually including assessment result of the Committees to be presented to the Board of Directors. Results from assessment shall be used for develop efficient of the Board. In 2017, the Board of Directors has assessed performance of each member individually in order to develop efficiency of each person. Overall results from the assessment of the whole committee and individually were excellent and most appropriated with average scores in excellent ranges, or 98.687% and 98.93 %, respectively. Average score from performance assessment result of Sub-Committee was 99.01%, which was also in excellent range.

- **The Board Meeting**

Generally, the Board shall arrange the meeting every 3 months by planning meeting schedule in advance every year and an extraordinary meeting may be arranged in case of necessity. For each meeting, the clear agenda must be specified with correct, complete and adequate supporting documents submitted to each director in advance prior to the meeting at least 7 days so that the director can have time to study information before attending the meeting, except in case of emergency. Minutes of meeting of the previous meetings which have been approved from the Board of Directors' meeting shall be kept and available for inspection any time. Furthermore, the Company must prepare and submit a monthly performance report to the Board of Directors for acknowledgement, so that the Board can be informed of the Company's business and can supervise operations of the executives continually and in due time. During the meeting, the Chairman of the Board of Directors, the Chief Executive Officer and the President shall jointly set agenda for each Board Meeting and each Board member is allowed to suggest agenda items. It also has a policy to encourage all directors to attend the meeting every time or at least 3 out of 4 of the meeting throughout the year, so that each director can fully take part in consideration and provide opinions for the meeting agenda.

The Chairman shall lead the meeting and all other directors are encouraged to express their views independently. Top executive may attend the meeting during some agenda to provide detailed information

that they are responsible for and to be informed of the policy directly. Resolution of the Board of Directors' meeting shall be made by a majority of votes and there must be at least 2 out of 3 of all directors present and cast the vote and each director shall have one vote. The director who might have any conflict of interest shall not attend the meeting and/or shall not cast the vote. In the event of a tie, the chairman of the meeting shall have an additional casting vote.

All committee members are entitled to inspect the meeting document and other important document and if the Independent Director or the Audit Committee has any inquiries, other director and the executive of the Company shall answer such inquiries accurately and as soon as possible.

In the event where the director does not agree with the resolution of the meeting, such director may ask the Corporate Secretary to record such disagreement in minute of meeting or submit an objection notice to the Chairman of the Board.

The Corporate Secretary shall attend the Board Meeting every time to record a minute and submit it to the Board of Directors within 7 days from the meeting date and request the Chairman of the Board to consider, sign and certify it. Such minute shall be proposed to the next meeting for certification and approval. The Corporate Secretary shall collect the information or documents concerning the meeting for convenience on searching and reference. Normally all members of the Board of Directors shall attend the meeting every time, except there is a necessary matter which shall be notified in advance prior to the meeting. Moreover, the Board of Directors has a policy that Non-executive Directors shall hold meeting among themselves, as necessary to consider the issues of their interests without the management presenting. In 2018, they have arranged such meeting on December 4, 2018 and results of the meeting have already notified the Chief Executive Officer. The participation of each committee member can be summarized as follows:

	2018					
	Board of Directors (11 times)	Audit Committee (7 times)	Executive Committee (9 times)	Risk Management Committee (3 times)	Nomination & Remuneration Committee (2 times)	Corporate Governance Committee (1 time)
1. Assoc. Prof. Paiboon Sareewiwatthana	11/11					
2. Mr. Kitt Jivacate	11/11		9/9			
3. Mr. Chatchaphol Prasopchoke	11/11		9/9	3/3		
4. Ms. Nilrat Jarumanopas	11/11		9/9			1/1
5. Assoc. Prof. Dr. Aekkachai Nittayagasetwat	11/11	7/7		3/3	2/2	1/1
6. Assoc. Prof. Dr. Paritud Bhandhubanyong	11/11	7/7		3/3	2/2	
7. Ms. Jeerapan Jinda	11/11	7/7			2/2	1/1

• Remuneration

The remuneration policy of the Company for the directors and the executives is appropriated and is based on the Company's performance by comparing with the companies in the same business/industry and the economic situation including appropriateness of duties and responsibilities of each director and executive. It is provided as the committees' remuneration and/or salary and bonus.

Remuneration to the Board of Directors and the Committees

The 2018 Annual General Meeting of Shareholders dated April 4, 2018 has approved the remuneration to the Board of Directors and the Committees and details of the remuneration and payment conditions are presented in the Remuneration to the Board of Directors and the Executives.

Remuneration of the Chief Executive Officer, the President and the Chief Financial Officer

The Company carefully considers about the remuneration to the Company's executives who are the Chief Executive Officer, the President and the Chief Financial Officer to ensure that it is appropriated and in comparable rate with the same group of business industry in order to attract and retain the qualified executives. The executives with greater duty and responsibilities will earn greater remuneration appropriated with the increased responsibilities based on principle and policy specified by the Board of Directors, performance of the Company as well as scope of responsibility and performance of each executive. For consideration of short-term remuneration of the executives, the Company used performance assessment results of the Chief Executive Officer, the President and the Chief Financial Officer which has been conducted every year and the Nomination and Remuneration Committee would use such assessment results to consider for salary and bonus of each executive before proposing to the Board of Directors for consideration and approval. For long-term remuneration, i.e. Employee Joint Investment Program (EJIB), approval shall be considered on case by case basis in order to stimulate motivation for work to attain the organization's target.

• Development of the Directors and the Executives

The Board of Directors has a policy to encourage and facilitate on provision of trainings and seminars to the directors and executives to enable them to continuously improve their performance and enhance their knowledge and capability to increase their competency in operating business efficiently and consistent with the current situation. The trainings and courses for development of the directors and the executives in 2018 could be summarized as follows:

Directors / Executives	Date of trainings / seminar	Course Details (Organizer)
Mr. Kitti Jivacate Director / Chief Executive Officer	November 11, 2018	Entire Business Innovative Transformation (EBIT)
Mr. Chatchaphol Prasopchoke Director / President	August 22, - December 19, 2018 November 11, 2018	Advanced Master of management Program (Nida) Entire Business Innovative Transformation (EBIT)



Directors / Executives	Date of trainings / seminar	Course Details (Organizer)
Ms. Nilrat Jarumanopas	August 22, - September 22, 2018	Strategic CFO in capital market (SET)
Director / Chief Financial Officer	August 19, 26, 2018 and September 2, 2018	CMT (Chartered Market Technical) Level 1
Ms. Preeyaporn Thanaratset Executive / Senior Vice President - Sales & Marketing	April 3, 2018	Basic knowledge on dangerous goods

Every time there is a change of a director or there is a new director, the Corporate Secretary shall provide the new director useful document and information which will be beneficial for performing duty as well as arrange an orientation session to introduce business structure, structure of the Board of Directors, scope of authority and responsibility, relevant laws as well as nature of business, business directions and policies of the Company for such new director. Moreover, the Chairman or the person assigned by the Chairman shall arrange plant visit tour for such new director in order to make him/her understand each production process, so that he/she can perform the work effectively.

• The Management on Operations of the Subsidiaries and the Associated Companies

The Board of Directors has management mechanism that can control, supervise on administration and is responsible for operations of the subsidiaries to preserve benefits of the Company's investments. The Company's representatives are assigned to be the director and/or the executive in the subsidiaries and the associated companies pursuant to shareholding proportion of such companies. The Board of Directors shall consider and approve on appointment of the Company's representative to hold position of director and or the executives in the subsidiaries and the associated companies, as well as their power, duty and responsibilities. In addition, with regards to stipulation of important policy on business operations of the subsidiaries and the associated company, they shall be presented to the Company's Board of Directors to consider and approve before proposing to the Board of Directors of the subsidiaries or the associated companies, so that the supervision on their operations shall be efficiently and in line with the operation criteria of the Company.

• The Supervision on the Use of Inside Information

For transparency and prevention of personal gains from the usage of the Company's inside information which has not yet been disclosed to the public as well as for avoidance of any criticism concerning an appropriateness on purchase and sales of the securities by the internal people, the Company, therefore, has established the operating guidelines to be observed by the Company's directors, the executives and the employees as follows:

1. The Company's directors, the executives and the employees shall maintain confidentiality and/or inside information of the Company by not disclosing it or using it for their own benefits or for benefits of the third party directly and indirectly. They shall not purchase, sell, transfer or accept transfer the Company's securities by using the confidential and/or inside information of the Company and/or undertake any legal action by using the confidential and/or inside information of the Company which might pose damages to the Company, directly or indirectly.
2. The directors, the executives, the employees in the working unit who can obtain inside information shall not use such information before it is disclosed to the public and shall not purchase, sell,

transfer or accept transfer the Company's securities during the 1 month period prior to the quarterly or yearly financial statement has been disclosed to the public and at least 3 days after the disclosure of such information.

In addition, such requirement shall also apply to the spouse and children under legal age of the Company's directors, the executives and the employees. Those who violate shall be subject to disciplinary or legally penalty, as the case may be.

• Auditing fee

The Company has considered and selected DIA International Audit Company Limited, as the auditor of the Company and its subsidiaries for accounting year of 2018. Such auditor has independency and does not have any relationship or interests with the Company, its subsidiaries, director, management, major shareholder or the related person. Total auditing fee was 3,619,165 Baht, with details as follows:

Details on Auditing Works	2018
Auditing fee of the Company	1,500,000
Auditing fee of the Subsidiaries	1,878,000
Other services fees*	214,165
Total remuneration	3,619,165

* Other services fees include transportation allowance, vehicle fees, per diem allowances, miscellaneous expenses, and etc.

• Personnel

As at December 31, 2018, the Company has total 111 employees (excluding 5 executives) and all of them are permanent employees which can be divided into each line of business as follows:

Department / Business	No. of Employees (Persons)
Sales & Marketing	16
Business Development	3
Quality & Risk / Engineer	4
Supply Chain Management	6
Accounting	9
Finance & Internal Audit	5
Investor Relations & Corporate Secretary	2
Procurement	4
Administration & Executive Secretary	11
Human Resources	3
Corporate Affairs / IT	4
CBG Plant	12
PPP Plant	32

- **Employees' remuneration**

In 2018, total remuneration paid to the employees by the Company was Baht 89.28 million, comprising of salaries, commission for sales of goods, vehicle cost, contribution to the provident fund and contribution to the social security fund. Other welfares provided to the employees apart from the above remuneration included life, health and accident insurance, provision of trainings and seminars and etc.

- **Provident Fund**

The Company has established a provident fund since February 1, 2004 with SCB Asset Management Co., Ltd. Later, on July 30, 2009, the provident fund manager has been transferred to Kasikorn Asset Management Co., Ltd. with objective to strengthen morale support to the employees and to motivate them to work with the Company for a long run.

- **Personnel Development Policy**

The Company has a policy to constantly develop its personnel at all levels to enhance their knowledge and capabilities which shall be beneficial to the Company as it can make the Company having capable personnel who can contribute their knowledge to the Company. The Company has the annual internal and external training plan to enhance capability and skills of the employees pursuant to their responsibilities at each level. For more details on personnel development in 2018, please see “2018 Sustainability Development Report”.

In addition, the Company also arranged projects to enhance sense of participation and joint activities among the employees which included:

- Badminton, yoga and fitness after the work to promote good health and spirit including to increase efficiency of work and enhancement of relationship.
- Teamwork promotion project, by arranging the outing activities so the employees can jointly participate in the activities together, i.e. WE’R UAC, Sports Day, New Year Party to building up unities and good relationship between the management and the employees.
- Employee Rehabilitation by Massage Therapy to reduce risk from Office Syndrome due to long working time.
- Water-pouring ceremony during Songkran Festival. The Company arranged water-pouring ceremony to ask a blessing from the respected elderly during Songkran Festival every year to strengthen good relationship between the employees and the management.
- CEO Meets New Employee. The Company arranged this activity to create good impression for the newly employed employees so that they can feel that the management put emphasis and pay attention to the employees.
- CEO Meets Current Employee. The Company arranged this activity by having lunch or dinner between CEO and each department to create good communication channel and exchange opinion and also create close relationship between Top Management and employees at all levels which represents the personnel is the most important resource of the Company.
- Promote ethical activities so that the employees can apply Buddha’s moral principles and precepts as well as righteous practices with their work and daily lives.

- Weight-loss Exercise Season 2 and Daily Exercise to promote healthy life of the employees.

• Social Responsibility

UAC Global Public Co., Ltd. is committed to conducting business in accordance with guidelines for sustainable development and under the good corporate governance and principles, transparency, together with social and environment responsibility, by considering of all stakeholders in order to develop our business to become a strong and sustainable organization forever.

In order to make the Company's business operation successful sustainably with standardized and systematically and to ensure that all actions are consistent with the Company's designated vision and mission and for confidence of all stakeholders, the Company has prescribed Sustainable Development Policy and appointed Sustainable Development Committee to drive and manage all actions to be consistent with sustainable development policies and objectives. For more details on sustainable development in 2018, please see "Sustainability Development Report 2018", which shall form an integral part of this Annual Report.





Connected Persons and Related Transactions

Summary of relationship of the persons and the juristic persons who might have conflict of interest with the Company that the Company undertook transactions with:

Name of Person/Company		Nature of Relationship
1.	Miss Chawisa Jivacate	<ul style="list-style-type: none"> Miss Chawisa Jivacate, a daughter of Mr. Kittu Jivacate, holds position of director, executive director and Chief Executive Officer of the company. She is also the authorized director to sign and bind the company as well as a major shareholder of the company. As of December 31, 2018, she holds 48.36 percent of total issued shares of the company. As of December 31, 2018, Miss Chawisa Jivacate holds 3.81 percent of total issued shares of the Company.
2.	UAC Utilities Company Limited (previously named "UAC UTILITIES Company Limited.")	<ul style="list-style-type: none"> A subsidiary company. The Company holds 99.994 of the paid-up capital of UAC UTILITIES (combined shares held by the Company's executives who are Mr. Kittu Jivacate, Mr. Chatchaphol Prasopchoke and Miss Preeyaporn Thanaratset totaled 0.006 percent. In addition, Mr. Kittu Jivacate, Miss Nilrat Jarumanopas and Mr. Chatchaphol Prasopchoke, the Company's directors, are also directors of UAC UTILITIES.
3.	UAC & TPT Energy Company Limited ("UAC & TPT")	<ul style="list-style-type: none"> A subsidiary company. The Company holds 50.0099 percent of total issued shares of UAC & TPT (combined shares held by the Company's executives who are Miss Nilrat Jarumanopas and Mr. Chatchaphol Prasopchoke totaled 0.0001 percent). In addition, Mr. Kittu Jivacate, Miss Nilrat Jarumanopas and Mr. Chatchaphol Prasopchoke, the Company's directors, are also directors of UAC & TPT.
4.	UAC Energy Company Limited ("UAC Energy")	<ul style="list-style-type: none"> A subsidiary company. The Company holds 99.9995 percent of total issued shares of UAC Energy (combined shares held by the Company's executives who are Mr. Kittu Jivacate, Miss Nilrat Jarumanopas and Mr. Chatchaphol Prasopchoke totaled 0.0005 percent). In addition, Mr. Kittu Jivacate, Miss Nilrat Jarumanopas and Mr. Chatchaphol Prasopchoke, the Company's directors, are also directors of UAC Energy.
5.	Solar Energy Roof Power Company Limited ("SERP")	<ul style="list-style-type: none"> A subsidiary company. The Company via UAC Energy Company Limited holds 99.9976 percent of total issued shares of SERP (combined shares held by the Company's executives who are Miss Nilrat Jarumanopas and Mr. Chatchaphol Prasopchoke totaled 0.0024 percent). In addition, Miss Nilrat Jarumanopas and Mr. Chatchaphol Prasopchoke, the Company's directors, are also directors of SERP. <p><u>Note:</u> The Company holds 99.9995 percent of shares in UAC Energy Company Limited.</p>

Name of Person/Company		Nature of Relationship
6.	UAC Advance Polymer & Chemicals Company Limited (“UAPC”)	<ul style="list-style-type: none"> A subsidiary company. The Company holds 99.9998 percent of total issued shares of UAPC (combined shares held by the Company’s executives who are Mr. Kitt Jivacate, Miss Nilrat Jarumanopos and Mr. Chatchaphol Prasopchoke totaled 0.0002 percent). In addition, Mr. Kitt Jivacate, Miss Nilrat Jarumanopos and Mr. Chatchaphol Prasopchoke, the Company’s directors, are also directors of UAPC.
7.	Bangchak Biofuel Company Limited (“BBF”)	<ul style="list-style-type: none"> An associated company. The Company holds 30 percent of total issued shares of Bangchak Biofuel. In addition, Mr. Kitt Jivacate and Mr. Chatchaphol Prasopchoke, the Company’s directors, are also directors of Bangchak Biofuel.
8.	SEBIGAS UAC Company Limited (“SEBIGAS UAC”)	<ul style="list-style-type: none"> An associated company. The Company via UAC Energy Company Limited holds 49.00 percent of total issued shares of SEBIGAS UAC. In addition, Miss Nilrat Jarumanopos and Mr. Chatchaphol Prasopchoke, the Company’s directors, are also directors of Sebigas UAC. <p><u>Note:</u> The Company holds 99.9995 percent of shares in UAC Energy Company Limited.</p>
9.	Enerray UAC (Thailand) Company Limited (“Enerray UAC”)	<ul style="list-style-type: none"> An associated company. The Company via UAC Energy Company Limited holds 25.00 percent of total issued shares of Enerray UAC. In addition, Miss Aree Pleekhun is the authorized director of of Enerray UAC. <p><u>Note:</u> The Company holds 99.9995 percent of shares in UAC Energy Company Limited.</p>
10.	PPWE Company Limited (“PPWE”)	<ul style="list-style-type: none"> An associated company. The Company via UAC Energy Company Limited holds 50.00 percent of total issued shares of PPWE. In addition, Mr. Kitt Jivacate and Mr. Chatchaphol Prasopchoke, the Company’s directors, are also directors of PPWE. <p><u>Note:</u> The Company holds 99.9995 percent of shares in UAC Energy Company Limited.</p>
11.	TPT Theprathanporn Company Limited	<ul style="list-style-type: none"> Related entity. Mr. Heng Thongtangthai, Mr. Prachaya Thongtangthai and Mr. Annop Klintong are the authorized directors of TsPT Theprathanporn Company Limited and UAC & TPT, the Company’s subsidiary. Mr. Heng Thongtangthai holds 40 percent of shares in TPT Theprathanporn. TPT Theprathanporn is a shareholder of UAC & TPT which has 49.99% of total issued shares in UAC & TPT.
12.	K&N Commercial Company Limited (“K & N”)	<ul style="list-style-type: none"> A related company. Mrs. Niramol Jivacate, a wife of Mr. Kitt Jivacate, is the authorized director of K&N. Mrs. Niramol Jivacate holds 35% of shares of K&N. Miss Nilrat Jarumanopos (Mrs. Niramol Jivacate’s sister), the Company’s director, executive and shareholder, holds 10% of shares of K&N.



Name of Person/Company		Nature of Relationship
13	PPJ Company Limited (“PPJ”) (Previously named “Universal Energy and Technology Company Limited”)	<ul style="list-style-type: none"> • A related company. Miss Chawisa Jivacate and Miss Alisa Jivacate, daughters of Mr. Kittu Jivacate, are the authorized director of PPJ. • Miss Chawisa Jivacate and Miss Alisa Jivacate hold 49.50% and 49.50% of shares of PPJ respectively. • Miss Nilrat Jarumanopos (Mrs. Niramol Jivacate’s sister), the Company’s director, executive and shareholder, holds 10% of shares of K & N.

Related Parties	Details of Transaction	Value of Related Transaction (Baht Mil)	Necessity and Reasonableness of Intercompany Transactions
		2018	
1. Miss Chawisa Jivacate	<p><u>Outstanding balance:</u> Accrued warehouse rental fee payable</p> <p><u>Warehouse rental fee:</u> The Company paid rental fee for warehouse which is used for storing chemicals and equipment pending for sales and delivery to the customers. Its rental area is 2,200 square meters with rental period of 1 year, from January 1, 2018 - December 31, 2018. Rental rate is 60 Baht per square meter per month or 132,000 Baht per month (The Company was responsible for payment of withholding tax at the rate of 5% of monthly rental fee, therefore rental fee including withholding tax equaled to 138,947.37 Baht per month).</p>	1.67	<p>The Company is necessary to have areas for storing stocks due to its business expansion. Such transaction was conducted pursuant to general, normal terms and conditions.</p> <p>The Audit Committee opined that such transaction was reasonable and rental rate was lower when compared with market price.</p>
2. UAC Utilities Company Limited ("UAC UTILITIES")	<u>Investment in the company</u>	26.67	Investment in the subsidiary company that it holds 100.00% of shares.
3. UAC & TPT Energy Company Limited ("UAC & TPT") engages in business of biogas plant.	<p><u>Investment in the company</u></p> <p><u>Bank Guarantee with 1 document amount of baht 0.20 million for PEA</u></p>	49.81	Investment in the subsidiary company that it holds 50.0099% of shares. The Company provides short-term loan for investment in biogas power plant project with interest charged at an appropriated rate.



Related Parties	Details of Transaction	Value of Related Transaction (Baht Mil)	Necessity and Reasonableness of Intercompany Transactions
		2018	
	<u>Balance Sheet</u> Short Term Loan Accrued Interest Other Account Receivable <u>Income Statement</u> Other Revenues Interest Income	97.50 9.72 0.05 0.30 4.12	<p>The Company rendered management services including other services i.e. electricity, photocopy, cleaning and etc. to its subsidiary. The rate charged was calculated from number of personnel and proportion of period working including cost of average expenses of services rendered.</p> <p>The Audit Committee opined that such business provision was reasonable and it was beneficial to the Company as it could facilitate coordination with its subsidiaries and service rate charged was appropriated.</p>
4. UAC Energy Company Limited (“UACE”) engages in energy business.	<u>Investment in the company</u> <u>Bank Guarantee with 3 document amount of baht 0.20 million for PEA</u> <u>Balance Sheet</u> Short Term Loan Accrued Interest Other Account Receivable Account Receivable <u>Income Statement</u> Revenue from Sales Other Revenues Interest Income	200.00 56.00 2.25 - 15.84 30.85 0.42 2.25	<p>Investment in the subsidiary company that it holds 100.00% of shares. The Company provides short-term loan for investment in Energy projects with interest charged at an appropriated rate.</p> <p>The Company rendered management services including other services i.e. electricity, photocopy, cleaning and etc. to its subsidiary. The rate charged was calculated from number of personnel and proportion of period of time working including cost of average expenses of services rendered.</p> <p>The Audit Committee opined that such business provision was reasonable and it was beneficial to the Company as it could facilitate coordination with its subsidiaries and service rate charged was appropriated.</p>
5. Solar Energy Roof Power Company Limited (“SERP”) engages in business of solar energy.	<u>Investment in the company</u> <u>Balance Sheet</u> Short Term Loan Accrued Interest Other Account Receivable <u>Income Statement</u> Other Revenues Interest Income	6.00 0.37 0.12 0.12 0.25	<p>The Company provides short-term loan to be used as working capital and the interest rate charged is appropriated.</p> <p>The Company rendered management services including other services i.e. electricity, photocopy, cleaning and etc. to its subsidiary. The rate charged was calculated from number of personnel and proportion of period of time working including cost of average expenses of services rendered.</p>

Related Parties	Details of Transaction	Value of Related Transaction (Baht Mil)	Necessity and Reasonableness of Intercompany Transactions
		2018	
			The Audit Committee opined that such business provision was reasonable and it was beneficial to the Company as it could facilitate coordination with its subsidiaries and service rate charged was appropriated.
6. UAC Advance Polymer & Chemicals Company Limited (“UAPC”) engages in business of production and distribution of latex polymer and emulsion.	<u>Investment in the company</u>	180.00	Investment in the subsidiary company that it holds 100.00% of shares.
	<u>L/C, T/R, P/N of amount baht 50.00 million.</u>		The Company rendered management services including other services i.e. electricity, photocopy, cleaning and etc. to its subsidiary. The rate charged was calculated from number of personnel and proportion of period of time working including cost of average expenses of services rendered.
	<u>Balance Sheet</u>		Such transaction was normal business operation of the Company with general trading terms and purchase prices were pursuant to market prices. The Audit Committee opined that such business provision was reasonable and it was beneficial to the Company as it could facilitate coordination with its subsidiaries and service rate charged was appropriated.
	Short Term Loan	92.00	
	Accrued Interest	0.42	
	<u>Income Statement</u>		
	Interest Income	2.62	
	purchased	0.37	
7. Bangchak Biofuel Company Limited (“BBF”) engages in business of production and distribution of biodiesel.	<u>Investment in the company</u>		Such transaction was in accordance with normal course of business with general trading terms. Purchase prices were as per market prices.
	<u>Balance Sheet</u>		The Audit Committee opined that nature of such transaction was pursuant to the Company’s normal course of business and was reasonable.
	Account Receivable	2.29	
	Account Payable		
	<u>Income Statement</u>		
	Revenue from Sales	0.69	
	The Company purchased glycerin to export and sell in foreign countries. Such purchase was conducted pursuant to normal course of business and at the market price.	45.00	



Related Parties	Details of Transaction	Value of Related Transaction (Baht Mil)	Necessity and Reasonableness of Intercompany Transactions
		2018	
8. SEBIGAS UAC Company Limited (“SEBIGAS UAC”) engages in business of construction and environmental engineering management.	<u>Balance Sheet</u> Other Account Receivable <u>Income Statement</u> Other revenues purchased Other revenues: credit	0.54 0.54 0.97 0.37	<p>The Company rendered management services including other services i.e. electricity, photocopy, cleaning and etc. to its subsidiary. The rate charged was calculated from number of personnel and proportion of period of time working including cost of average expenses of services rendered.</p> <p>The Audit Committee opined that such business provision was reasonable and it was beneficial to the Company as it could facilitate coordination with its subsidiaries and service rate charged was appropriated.</p> <p>Such transaction was normal business operation of the Company with agreed trading terms and prices pursuant to market prices.</p> <p>The Audit Committee opined that such transaction was a normal course of business of the Company and was reasonable.</p>
9. Enerray UAC Company Limited (Thailand) (“Enerray UAC”) engages in business of construction and environmental engineering management.	<u>Balance Sheet</u> Other Account Receivable <u>Income Statement</u> Other revenues <u>Bank Guarantee with 2 document amount of baht 8.20 million.</u>	0.12 0.12	<p>The Company rendered management services including other services i.e. electricity, photocopy, cleaning and etc. to its subsidiary. The rate charged was calculated from number of personnel and proportion of period of time working including cost of average expenses of services rendered.</p> <p>The Audit Committee opined that such business provision was reasonable and it was beneficial to the Company as it could facilitate coordination with its subsidiaries and service rate charged was appropriated.</p>
10. K & N Commercial Company Limited (“K & N”) engages in business of fabric retailer and uniform tailoring.	<u>Balance Sheet</u> Account Payable <u>Income Statement</u> The Company purchased uniforms from K & N to use in its business by comparing price with market price.	0.02 0.09	<p>Such transaction was normal business operation of the Company with agreed trading terms and prices pursuant to market prices.</p> <p>The Audit Committee opined that such transaction was normal course of business of the Company and was reasonable.</p>

Related Parties	Details of Transaction	Value of Related Transaction (Baht Mil)	Necessity and Reasonableness of Intercompany Transactions
		2018	
11. PPJ Company Limited (“PPJ”) engages in business of hotel.	<u>Balance Sheet</u> Other Account Payable	0.001	Such transaction was normal business operation of the Company with agreed trading terms and prices pursuant to market prices. The Audit Committee opined that such transaction was normal course of business of the Company and was reasonable.
	<u>Income Statement</u> Administrative Expenses: The room rate is compared price with market price.	0.07	
12. UAC Top Energy Company Limited (UAC Top Energy) engages in business of solar energy	<u>Balance Sheet</u> Short Term Loan	12.70	The Company provides short-term loan to be used as working capital and the interest rate charged is appropriated.
	Accrued Interest	0.24	
	Other Account Receivable	0.60	Such transaction was normal business operation of the Company with agreed trading terms and prices pursuant to market prices.
	<u>Income Statement</u> Consulting fee	0.60	
	income Interest Income	0.24	The Audit Committee opined that such was reasonable.

12.2. Measure or procedure for approval of intercompany transactions

The measures on transaction with person who might have conflict of interest specified by the Company were transparently, fairly and for the best interest of the Company. The Audit Committee is required to give opinions on necessity and reasonableness of such transaction to ensure that their conditions must be pursuant to normal course of business and at market price which can be compared with price charged with the third party. In case the Audit Committee does not have expertise in considering the related transaction which may incur, the Company will engage the specialized or skilled person, i.e. independent auditor, asset appraiser or law firm to provide opinion on it so that the Audit Committee shall use such opinion to make decision and to propose to the meeting of the Board of Directors or the shareholders, as the case may be.

In addition, it also specified that the executive or the person who might have conflict of interest, whether directly or indirectly in any transaction shall not be entitled to vote or approve such relevant transaction. Moreover, the Board of Directors shall oversee to ensure that the Company complies with the laws concerning securities and stock exchange, regulations, announcements, orders or requirements of the Capital Market Supervisory Board and the Stock Exchange of Thailand, as well as complies with regulations on disclosure of the related transactions in notes to the financial statement which has been audited or reviewed by the Company's auditor.

Policy or trend of intercompany transactions

The Company anticipates that there shall be the related transactions again and continually, such as goods purchase and sale and property rental with persons who might have conflict of interest with the Company which are normal course and can support the Company's business in the future. Such related transactions shall be executed as necessary and for efficient business operation. Policy on price fixing of such related transaction must be clearly specified pursuant to fair and appropriated pricing and marketing conditions and to ensure that the related transactions are not undertaken for a purpose of transferring interest between the Company and the person who may have conflict of interest, as well as to take into consideration the maximum benefit of the Company. The Company's Audit Committee shall review on compliance with the criteria and provide opinions on reasonableness of the related transactions whether they are normal business transaction or transaction which supports normal business operation on quarterly basis.

Management Discussion and Analysis

Overview of Operating Results

The Company engages in business of import and distribution of chemicals and equipment used in various industries, i.e. off-shore natural gas exploration and production, oil refinery, petrochemicals plants, base oil plant, polymer and plastics plant, chemical industrial plant and power plant. The Company also undertakes business relating to rendering of services on installation and construction of utilities system, provision of consultancy services and marketing recommendations for alternative energy and renewable energy investment projects. The Company's subsidiaries engage in business of 1) production of tap water for industrial use and for consumption as well as supply and installation of the related equipment, 2) production and distribution of biogas for power generation, communications and general industries (not yet generated income), 3) generation and distribution of power supply and renewable energy, and 4) production and distribution of chemical products, i.e. latex emulsion and latex polymer (this business has been acquired by and transferred to the Company on April 30, 2015).

1. Summary of Operating Results of the Company

(Unit: Million Baht)	For the year ended December 31			
	2017 **	2018	Increase/ (Decrease)	
			Amount	%
Revenues from sales and services	1,626.87	2,552.89	926.03	56.92
Other incomes	29.72	56.02	26.29	88.45
Share of profit (loss) from investments	2.53	59.13	56.60	2,235.88
Total Expenses	266.57	305.77	39.20	14.71
Net Profit	95.17	136.51	41.34	43.44
EBITDA	296.63	361.49	64.86	21.86
EBITDA Margin (%)	18%	14%	-4%	-22.34
EPS (Baht/Share)	0.15	0.21	0.06	39.03

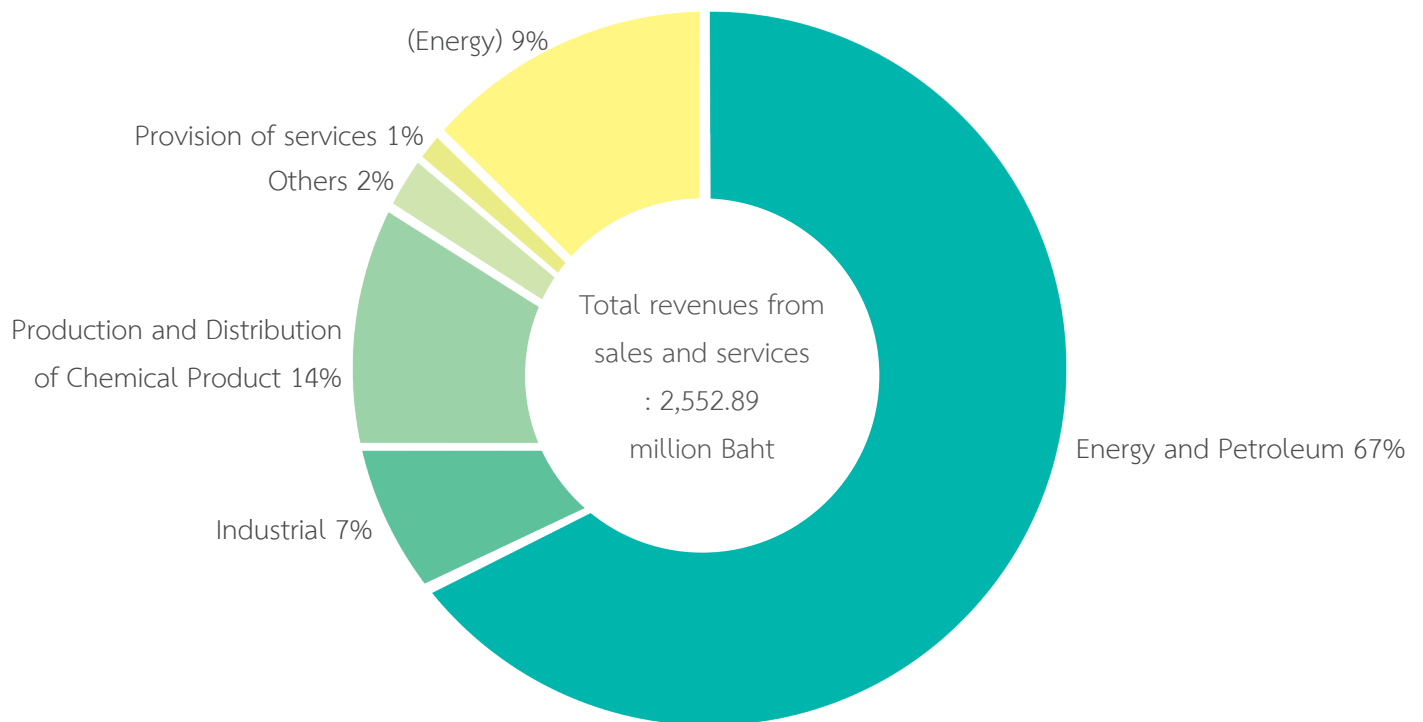
** Restated and reclassified**

According to the consolidated financial statements for the year ended December 31, 2018, the Company's net profit for the year was 43.44 percent higher than that of 2017. Net profit margin for the years 2018-2017 was 5.35 percent and 5.85 percent, respectively. In 2018, total revenues increased by 1,008.92 million Baht because the parent company received big lot order from one principal customer and recognition of share of profit from investment in associates was also higher than the same period of last year. Meanwhile, total expenses also increased. Most of the increased expenses was owing to employee benefit expenses and provision for impairment of assets and allowance for doubtful account from the subsidiaries. Finance costs for requesting for credit for operation was also increased.



Revenues classified by Business-Consolidated Financial Statements in 2018

1.1 Revenues from Sales and Services



The consolidated financial statements in 2018 recorded that approximately 67.00 percent of total revenues derived from sales and services of products in Energy and Petroleum Group because they included revenues from big lot sales, followed by Production and Distribution of Chemical Products Group, i.e. latex emulsion and latex polymers, which has ratio of 14.00 percent, then Energy and Industrial Groups with ratio of 9.00 percent and 7.00 percent, respectively. Ratio of income from Provision of Services and products in Other Group was closely to each other, i.e. 1.00-2.00 percent of total revenues from sales and services.

1.2 Other Revenues

(Unit: Million Baht)	2017	2018	Increase/(Decrease)	
			Amount	%
1. Share of profit from investment in associates (A)	2.53	59.13	56.60	2,235.88
2. Other incomes :-				
Interest received	1.33	26.78	25.45	1,917.50
Disposal of fix assets	0.00	3.50	3.50	100.00
Gain on exchange rate	1.26	3.32	2.06	163.77
Oil fund tax compensation-LPG	16.22	15.08	-1.15	-7.07
Others	10.92	7.35	-3.57	-32.69
Total Other Incomes (B)	29.72	56.02	26.29	88.45
TOTAL (A)+(B)	32.26	115.14	82.89	256.97

Total other revenues increased by 82.89 million Baht, or accounting for 256.97 percent, when compared with 2017, of which most of them derived from recognition of share of profit from investment in associates and interest received, which included incomes from separation of components from contracts amounting to 22.47 million Baht, and this item occurred only in the year.

1.3 Total Expenses

(Unit: Million Baht)	For the year ended December 31			
	2017**	2018	Increase/(Decrease)	
			Amount	%
Selling expenses	64.12	66.05	1.94	3.02
Administrative expenses	136.28	156.30	20.02	14.69
Finance cost	66.17	83.41	17.24	26.05
	266.57	305.77	39.20	14.71

Total expenses increased by 39.20 million Baht, representing 14.71 percent when compared with 2017. They comprised of selling expenses which increased by 1.94 million Baht from expenses relating to sales persons. Administrative expenses increased by 20.02 million Baht, primarily derived from employee benefit expenses and remuneration of executives, consultancy fees and depreciation. In 2018, one subsidiary set aside provision of impairment of assets of 11.32 million Baht. Finance cost increased by 17.24 million Baht, primarily due to interests from short-term and long-term loans for usage in operations.

2. Analysis of Financial Position

(Unit: Million Baht)	December 31, 2018	December 31, 2017	Increase/(Decrease)	
			Amount	%
Total Current Assets	1,625.47	700.84	924.63	131.93
Total Non-current Assets	2,407.19	2,462.80	-55.61	-2.26
Total Assets	4,032.66	3,163.65	869.01	27.47
Total Current Liabilities	1,631.56	1,204.61	426.95	35.44
Total Non-current Liabilities	1,097.07	646.26	450.80	69.76
Total Liabilities	2,728.63	1,850.87	877.75	47.42
Total Shareholders' Equity	1,304.03	1,312.77	-8.74	-0.67
Total Liabilities and Shareholders' Equity	4,032.66	3,163.65	869.01	27.47

Material changes in assets, liabilities and shareholders' equity for financial positions of the consolidated financial statements for the year ended December 31, 2018 were as follows:

Changes in total assets: they increased by 869.01 million Baht, when compared with 2017 due to:

- Current assets increased by 924.63 million Baht or 131.93 percent comparing with year 2017, primarily due to the increased inventories of 870.44 million Baht, which were goods in transit recorded and recognized pursuant to condition of purchase order of a large company to sell to domestic customers. Consequently, average holding period in 2018-2017 was 107.04 days and 56.63 days, respectively.

The Company has policy that it shall set aside provision for devaluation of finished goods for prolonged non-turnover goods and goods which did not meet the specified criteria pursuant to the inventories.

Trade account and other receivables decreased by 13.72 million Baht or 3.30 percent, when compared with 2017. As a result, average collection period in 2018-2017 was 46.15 days and 68.98 days, respectively.

- Non-current assets decreased by 55.61 million Baht, or 2.26 percent, when compared with the previous year. Main reduction was due to depreciation and amortization of property, plant and equipment and intangible assets. However, investments in the associated companies increased by 35.06 million Baht.

Changes in total liabilities and shareholders' equity: they increased by 869.01 million Baht when compared with 2017 due to:

- Current liabilities increased by 426.95 million Baht, primarily due to bank overdraft and short-term loan including trade account and other payables. Non-current liabilities increased by 450.80 million Baht, largely due to issuance of debentures and long-term loans.
- Shareholders' equity decreased by 8.74 million Baht, chiefly due to a change in unappropriated retained earnings on the part of recognition of total comprehensive income for the year of the owner of the company of 139.58 million Baht, dividend paid of 146.87 million Baht and decrease of non-controlling interests of 1.45 million Baht. In addition, there was adjusted balance and errors correction for retained earnings brought forward of **3.96** million Baht. Such errors came from one subsidiary company. In 2018, the Company's legal reserve was 3.71 million Baht.

The Meeting of the Board of Directors held on February 28, 2019 passed a resolution to pay total dividend in 2018 at the rate of 0.16 Baht per share, totaling 106.81 million Baht. Interim dividend has already been paid in October 9, 2017 and the remaining dividend shall be paid at the rate of 0.06 Baht per share, totaling 40.06 million Baht. This dividend payout is scheduled to be paid on April 26, 2019. However, such resolution was still uncertain as it has to be proposed to and requested for approval from the Annual General Meeting of Shareholders.

3. Liquidity of Cash Flow

Liquidity of the Company for the year ended December 31, 2018 of the consolidated financial statements was as follows:

Unit: Million Baht	As at Dec. 31, 2018
Profit (loss) before income tax	158.75
Profit (loss) before income tax-after adjustment	311.79
Net cash from (used in) operating activities	-400.25
Net cash from (used in) investing activities	-49.60
Net cash from (used in) financing activities	509.80
Effect from changes in foreign exchange rate for cash and cash equivalents	-0.05
Increase (decreased) cash and cash equivalent	59.90
Cash and cash equivalent as at January 1	18.88
Cash and cash equivalent as at December 31	78.78

In 2018, the Company's net cash used in operating activities was 400.25 million Baht, which came from the operating profits before income tax amounting to 158.75 million Baht. There were adjustments and changes in the operating assets, for instance, inventories and advance payment of goods rose by 883.65 million Baht. Trade account and other receivables decreased by 13.35 million Baht and there was a change in operating liabilities, for instance trade and other payables rose by 234.52 million Baht. In addition, the Company has cash for payment of interest and income tax amounted to 90.11 million Baht.

Net cash used in investing activities was 49.60 million Baht, most of them were used in fixed assets (net) of 66.67 million Baht. In addition, the parent company received cash dividend from the associates amounted to 24.07 million Baht.

Net cash from financing activities was 509.80 million Baht, which comprised of bank overdraft and short-term loan from the financial institution of 649.87 million Baht, a change in long-term loan and liabilities under finance lease contracts, net amounting to 7.93 million Baht, and dividend paid of 146.87 million Baht.

liquidity ratio

	Consolidated		
	2016	2017	2018
Liquidity ratio			
Current Ratio (Time)	1.05	0.58	1.00
Quick Ratio (Time)	0.69	0.38	0.31
Average Collection Period (day)	63.77	68.98	46.15
Average holding period (day)	63.70	56.63	107.04
Average payment period (day)	46.99	54.43	48.48
Cash Cycle (day)	80.48	71.18	104.70
Profitability Ratio			
Gross profit margin (%)	21.61	21.75	13.69
Net profit margin (%) -	0.95	5.85	5.35
Return on equity (ROE) (%)	1.60	8.10	10.97
Efficiency Ratio			
Return on assets (ROA) (%)	0.63	3.27	3.88
Return on fixed asset (ROFA) (%)	6.91	11.50	14.05
Asset turnover (Time)	0.47	0.54	0.73
Financial policy Ratio			
Debt to Equity Ratio (D/E)	1.44	1.45	2.15
Time Interest Earning Ratio (Time)	2.81	3.70	(3.53)
Debt Service Coverage Ratio (DSCR) (Time)	0.67	1.40	1.38

Auditor's Remuneration

In 2017 and 2018, the Company paid remuneration, excluding non-audit fee, to the auditor at 1,500,000.00 Baht equally for both years.



Report on Responsibilities of the Board of Directors to the Financial Statements

Financial statement of UAC Global Public Company Limited (“the Company”) has been prepared pursuant to Thai accounting standards under the Accounting Act B.E. 2543 as well as the interpretations and accounting guidelines announced by the Federation of Accounting Professions as well as regulations of the Office of Securities and Exchange Commission on preparation and presentation of financial report under the Securities and Exchange Act B.E. 2535.

The Board of Directors puts emphasis on its duty and responsibilities in supervising to ensure that the Company’s operations are compliance with corporate governance policies; the financial statement and financial information technology presented in the Annual Report is accurate, complete and provides adequate disclosures. The Board of Directors provides and maintains effective internal control system to assure confidence and credibility of the financial statement, including complies with the laws and relevant regulations. The Audit Committee has reported its auditing results to the Board of Directors and those opinions were presented in the Annual Report.

The Board of Directors is of the opinion that the Company’s overall internal control systems are satisfactory and can assure reasonable accountability of the financial statement as of December 31, 2018 which has been audited by the Company’s auditor in accordance with generally accepted accounting standards. The Board of Directors also has opinion that the financial statement indicates its financial status and operating results correctly and as appropriate with regard to significant information, in accordance with generally certified accounting principles.

(Assoc. Prof. Dr. Paiboon Sareewiwatthana)
Chairman

(Mr. Kitti Jivacate)
Chief Executive Officer

Independent Auditor's Report

To the Shareholders of UAC GLOBAL PUBLIC COMPANY LIMITED

Opinion

I have audited the accompanying consolidated and separate financial statements of UAC GLOBAL PUBLIC COMPANY LIMITED AND SUBSIDIARIES (“the Group”) and of UAC GLOBAL PUBLIC COMPANY LIMITED (“the Company”), which comprise the consolidated and separate statements of financial position as at December 31, 2018, and the consolidated and separate statements of comprehensive income, consolidated and separate statements of changes in equity and consolidated and separate statements of cash flows for the year then ended, and notes to the financial statements, including a summary of significant accounting policies.

In my opinion, the accompanying consolidated and separate financial statements present fairly, in all material respects, the financial position of UAC GLOBAL PUBLIC COMPANY LIMITED AND SUBSIDIARIES and of UAC GLOBAL PUBLIC COMPANY LIMITED as at December 31, 2018, and their financial performance and cash flows for the year then ended in accordance with Thai Financial Reporting Standards.

Basis for Opinion

I conducted my audit in accordance with Thai Standards on Auditing. My responsibilities under those standards are further described in the Auditor's Responsibilities for the Audit of the Consolidated and Separate Financial Statements section of my report. I am independent of the Group in accordance with the Federation of Accounting Profession's Code of Ethics for Professional Accountants together with the ethical requirements that are relevant to my audit of the consolidated and separate financial statements, and I have fulfilled my other ethical responsibilities in accordance with these requirements. I believe that the audit evidence I have obtained is sufficient and appropriate to provide a basis for my opinion.

Key Audit Matters

Key audit matters are those matters that, in my professional judgment, were of most significance in my audit of the consolidated and separate financial statements of the current period. These matters were addressed in the context of my audit of the consolidated and separate financial statements as a whole, and in forming my opinion thereon, and I do not provide a separate opinion on these matters.

Key audit matters included auditing procedures are as follows:

Impairment of property, plant and equipment

As stated in note to financial statements No.13, the Group recorded building, machine and equipment net by provision for impairment of assets. Impairment of building ,machine and equipment is considered as significant risk relating to significant judgment of Management in considering an indicator of impairment and recoverable value Such judgment including estimation and assumption especially relating to expected future

cash flows and growth rate ,discounted rate used for each unit of assets generating cash. Accordingly, I have addressed such matter as key audit matter.

I have obtained an assurance relating to impairment of building, machine and equipment by included

- Obtained an understanding whether estimation of impairment of assets applied by Management of the Group conformity with usage benefit of the assets.
- Tested significant assumption of the management supported the estimated future cash flows discounted for presenting present value by referring to previous performance, trend analysis in the past, the accuracy of estimated cash flows with actual performance and impairment for assets calculation.
- Considered the adequacy of the disclosure of information relating to significant assumption for testing impairment of assets in the financial statements.

Goodwill and intangible assets

As stated in note to financial statements no. 14 and no. 15, goodwill, customer relationship and formulus are intangible assets having indefinite useful lives. The assessment of impairment of goodwill, customer relationship and formulus, therefore is a significant accounting estimate that the Management must make high judgment in order to indicate unit of assets generating cash and expected future cash flow from such unit of assets including defining discount rate and expected growth rate causing risk relating to value of goodwill and intangible assets.

I have assessed the suitable in defining unit of assets generating cash and other financial assumption selected by Management of The Group for measuring recoverable value by

- Obtained an understanding whether consideration process of Management is accordance with specialty acquire benefit of such assets or not.
- Tested a significant assumption used in estimation of expected future cash flow from assets prepared Management of The Group by comparing such assumption with source of information, reviewing the accuracy of estimation cash flow in the past with actual performance, considering the suitable of discount rate used by Management as well as calculation test of expected recoverable of such assets.
- Reviewed and assessed the sufficiency of disclosure of information relating to impairment of goodwill and intangible assets assessment.

Value of investment in associated and subsidiaries

As disclosed in note to financial statements in the separate financial statements no. 10 and 11, the Company has investment in various associated and subsidiaries. The Company, therefore, has significant risks in assessment value of investment by considering provision for impairment of investment. The Management has considered the possibility of expected return from investment including performance in the past and made judgment to consider the adequacy of provision for impairment of such investment in order to present suitable value.

I have obtained an assurance relating to value of investment in associated and subsidiaries by included.

- Obtained an understanding and assessed the specify process of an indicator of impairment of investment.
- Considered ability for making profit of invested company from performance, financial information in the past together with other assumptions used by the Management to assess the adequacy in providing provision for impairment of investment.
- Performed calculation test
- Reviewed and assessed the adequacy of disclosure of related Thai Financial Reporting Standards.

Other Information

Management is responsible for the other information. The other information comprises information in the annual report, but does not include the consolidated and separate financial statements and my auditor's report thereon. The annual report is expected to be made available to me after the date of this auditor's report.

My opinion on the consolidated and separate financial statements does not cover the other information and I do not and will not express any form of assurance conclusion thereon.

In connection with my audit of the consolidated and separate financial statements, my responsibility is to read the other information identified above and, in doing so, consider whether the other information is materially inconsistent with the financial statements or my knowledge obtained in the audit, or otherwise appears to be materially misstated.

When I read the annual report of the Company, if I conclude that there is a material misstatement therein, I am required to communicate the matter to those charged with governance.

Responsibilities of Management and Those Charged with Governance for the Consolidated and Separate Financial Statements

Management is responsible for the preparation and fair presentation of the consolidated and separate financial statements in accordance with Thai Financial Reporting Standards, and for such internal control as management determines is necessary to enable the preparation of consolidated and separate financial statements that are free from material misstatement, whether due to fraud or error.

In preparing the consolidated and separate financial statements, management is responsible for assessing the Group's and the Company's ability to continue as a going concern, disclosing, as applicable, matters related to going concern and using the going concern basis of accounting unless management either intends to liquidate the Group or to cease operations, or has no realistic alternative but to do so.

Those charged with governance are responsible for overseeing the Group's financial reporting process.

Auditor's Responsibilities for the Audit of the Consolidated and Separate Financial Statements

My objectives are to obtain reasonable assurance about whether the consolidated and separate financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes my opinion. Reasonable assurance is a high level of assurance, but is not a guar



antee that an audit conducted in accordance with Thai Standards on Auditing will always detect a material misstatement when it exists. Misstatements can arise from fraud or error and are considered material if, individually or in the aggregate, they could reasonably be expected to influence the economic decisions of users taken on the basis of these consolidated and separate financial statements.

As part of an audit in accordance with Thai Standards on Auditing, I exercise professional judgment and maintain professional skepticism throughout the audit. I also:

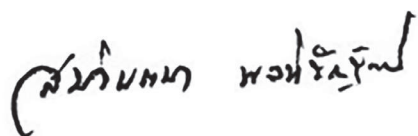
- Identify and assess the risks of material misstatement of the consolidated and separate financial statements, whether due to fraud or error, design and perform audit procedures responsive to those risks, and obtain audit evidence that is sufficient and appropriate to provide a basis for my opinion. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Group's internal control.
- Evaluate the appropriateness of accounting policies used and the reasonableness of accounting estimates and related disclosures made by management.
- Conclude on the appropriateness of management's use of the going concern basis of accounting and, based on the audit evidence obtained, whether a material uncertainty exists related to events or conditions that may cast significant doubt on the Group's and the Company's ability to continue as a going concern. If I conclude that a material uncertainty exists, I am required to draw attention in my auditor's report to the related disclosures in the consolidated and separate financial statements or, if such disclosures are inadequate, to modify my opinion. My conclusions are based on the audit evidence obtained up to the date of my auditor's report. However, future events or conditions may cause the Group to cease to continue as a going concern.
- Evaluate the overall presentation, structure and content of the consolidated and separate financial statements, including the disclosures, and whether the consolidated and separate financial statements represent the underlying transactions and events in a manner that achieves fair presentation.
- Obtain sufficient appropriate audit evidence regarding the financial information of the entities or business activities within the Group to express an opinion on the consolidated financial statements. I am responsible for the direction, supervision and performance of the group audit. I remain solely responsible for my audit opinion.

I communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit and significant audit findings, including any significant deficiencies in internal control that I identify during my audit.

I also provide those charged with governance with a statement that I have complied with relevant ethical requirements regarding independence, and to communicate with them all relationships and other matters that may reasonably be thought to bear on my independence, and where applicable, related safeguards.

From the matters communicated with those charged with governance, I determine those matters that were of most significance in the audit of the consolidated and separate financial statements of the current period and are therefore the key audit matters. I describe these matters in my auditor's report unless law or regulation precludes public disclosure about the matter or when, in extremely rare circumstances, I determine that a matter should not be communicated in my report because the adverse consequences of doing so would reasonably be expected to outweigh the public interest benefits of such communication.

D I A INTERNATIONAL AUDIT CO., LTD.



(Miss Somjintana Pholhirunrat)

C.P.A. (Thailand)

Registration No. 5599

February 28, 2019



STATEMENTS OF FINANCIAL POSITION

UAC Global Public Company Limited and Subsidiaries Statements of the Financial Position As at December 31, 2018

Assets	Note	Consolidated financial statements (Baht)			Separate financial statements (Baht)	
		December 31, 2018	December 31, 2017	January 1, 2017	December 31, 2018	December 31, 2017
			(Restated)	(Restated)		
Current assets						
Cash and cash equivalents	5	78,777,136.62	18,876,674.78	25,432,413.93	73,030,504.89	13,683,129.21
Current investment	6	1,905,917.88	1,878,809.77	2,305,640.99	6,152.37	0.00
Trade and other current receivables	7	401,653,123.29	415,370,586.74	366,397,227.31	277,723,791.95	302,862,731.85
Prepayment for wages and goods acquisition		12,071,846.93	1,093,758.22	939,214.40	12,071,846.93	1,093,758.22
Short-term loans	29	15,667,000.00	18,667,000.00	18,000,000.00	264,200,000.00	173,500,000.00
Inventories	8	1,115,396,000.78	244,957,465.20	216,068,227.87	1,074,460,596.90	199,935,267.18
Total current assets		1,625,471,025.50	700,844,294.71	629,142,724.50	1,701,492,893.04	691,074,886.46
Non-current assets						
Restricted fixed deposit	9	10,000,000.00	0.00	0.00	10,000,000.00	0.00
Investment in associates	10	228,439,753.44	193,381,412.94	235,403,399.24	111,051,487.00	111,051,487.00
Investment in subsidiaries	11	0.00	0.00	0.00	438,333,927.12	456,477,259.89
Other long-term investment	12	20,000,000.00	20,000,000.00	20,000,000.00	0.00	0.00
Property, plant and equipment	13	1,710,089,394.39	1,801,767,304.97	1,664,392,418.36	827,016,662.13	900,243,472.02
Goodwill	14	269,804,794.21	269,804,794.21	269,804,794.21	0.00	0.00
Other intangible assets	15	101,423,611.10	113,308,080.80	125,192,550.50	0.00	0.00
Deferred tax assets	16	26,792,695.70	26,724,792.63	36,269,649.23	18,838,453.50	20,773,438.81
Prepayment for fixed assets acquisition		4,661,217.17	1,577,140.28	1,053,678.75	3,930,076.89	0.00
Other non-current assets		35,977,265.28	36,240,090.88	8,304,685.56	8,440,669.01	2,555,681.82
Total non-current assets		2,407,188,731.29	2,462,803,616.71	2,360,421,175.85	1,417,611,275.65	1,491,101,339.54
Total assets		4,032,659,756.79	3,163,647,911.42	2,989,563,900.35	3,119,104,168.69	2,182,176,226.00

Notes to financial statements are parts of these financial statements.

Liabilities and shareholders' equity	Note	Consolidated financial statements (Baht)			Separate financial statements (Baht)	
		December 31, 2018	December 31, 2017	January 1, 2017	December 31, 2018	December 31, 2017
			(Restated)	(Restated)		
Current liabilities						
Bank overdrafts and short-term loans						
from financial institutions	17	811,892,962.65	164,970,463.70	61,373,804.31	747,862,535.35	125,188,278.98
Trade and other current payables	18	508,403,216.77	296,055,591.83	223,252,272.56	410,199,749.55	182,554,500.29
Current portion of long-term debts	19	182,538,228.52	147,635,102.15	225,589,349.17	116,554,535.29	37,032,916.55
Short-term loans	29	103,500,000.00	90,400,000.00	81,000,000.00	0.00	0.00
Debenture	20	0.00	500,000,000.00	0.00	0.00	500,000,000.00
Accrued corporate income tax		19,192,872.71	3,067,501.25	7,833,137.79	16,719,155.07	0.00
Current provisions						
from employee benefit	23	6,031,238.00	2,481,550.00	0.00	6,031,238.00	2,481,550.00
Total current liabilities		1,631,558,518.65	1,204,610,208.93	599,048,563.83	1,297,367,213.26	847,257,245.82
Non-current liabilities						
Long-term loans	21	506,595,830.70	425,794,162.46	410,133,202.43	171,162,218.38	45,266,875.00
Financial lease liabilities	22	36,640,663.06	60,269,522.62	78,345,382.22	4,155,947.97	6,727,685.40
Debenture	20	400,000,000.00	0.00	500,000,000.00	400,000,000.00	0.00
Deferred tax liabilities	16	63,670,548.97	68,247,038.79	60,623,289.23	30,677,547.40	33,108,015.55
Non - current provisions						
for employee benefit	23	13,350,306.70	14,900,853.50	13,744,797.50	11,202,771.70	13,146,711.50
Provisions for dismantling		53,063,242.19	53,290,710.60	53,290,710.60	41,169,321.30	49,886,973.25
Other non-current liabilities		23,747,963.67	23,761,863.58	23,747,387.92	13,934,879.55	13,948,779.46
Total non-current liabilities		1,097,068,555.29	646,264,151.55	1,139,884,769.90	672,302,686.30	162,085,040.16
Total liabilities		2,728,627,073.94	1,850,874,360.48	1,738,933,333.73	1,969,669,899.56	1,009,342,285.98

Notes to financial statements are parts of these financial statements.

Liabilities and shareholders' equity (Continued)	Note	Consolidated financial statements (Baht)			Separate financial statements (Baht)	
		December 31, 2018	December 31, 2017	January 1, 2017	December 31, 2018	December 31, 2017
			(Restated)	(Restated)		
Shareholders' equity						
Share capital						
Authorized share capital						
734,366,301 ordinary						
shares of Baht 0.50 each	24	367,183,150.50			367,183,150.50	
Authorized share capital						
867,885,301 ordinary						
shares of Baht 0.50 each			433,942,650.50	433,942,650.50		433,942,650.50
Issued and paid-up share capital						
667,605,301 ordinary						
shares of Baht 0.50 each	24	333,802,650.50	333,802,650.50	333,802,650.50	333,802,650.50	333,802,650.50
Premium on ordinary shares		587,165,357.66	587,165,357.66	587,165,357.66	587,165,357.66	587,165,357.66
Retained earnings						
Appropriated - legal reserve	25	40,000,254.21	36,292,756.15	29,238,544.19	40,000,254.21	36,292,756.15
Unappropriated		308,115,650.18	319,117,857.65	258,929,233.29	188,466,006.76	215,573,175.71
Total owners of the Company		1,269,083,912.55	1,276,378,621.96	1,209,135,785.64	1,149,434,269.13	1,172,833,940.02
Non-controlling interests		34,948,770.30	36,394,928.98	41,494,780.98	0.00	0.00
Total shareholders' equity		1,304,032,682.85	1,312,773,550.94	1,250,630,566.62	1,149,434,269.13	1,172,833,940.02
Total liabilities and shareholders' equity		4,032,659,756.79	3,163,647,911.42	2,989,563,900.35	3,119,104,168.69	2,182,176,226.00

Notes to financial statements are parts of these financial statements.

STATEMENTS OF COMPREHENSIVE INCOME

UAC Global Public Company Limited and Subsidiaries Statements of the Comprehensive Income For the Year Ended December 31, 2018

	Note	Consolidated financial statements (Baht)		Separate financial statements (Baht)	
		2018	2017 (Restated)	2018	2017
Revenue from sales and services		2,552,894,072.14	1,626,866,304.46	2,178,980,228.80	1,248,300,708.71
Cost of sales and services		-2,203,515,229.62	-1,273,015,961.67	-1,890,257,450.90	-981,028,480.81
Gross profit		349,378,842.52	353,850,342.79	288,722,777.90	267,272,227.90
Other income					
Dividend		0.00	0.00	24,068,193.00	45,011,743.40
Other		56,016,423.11	29,724,308.56	60,138,753.77	33,769,751.64
Distributions costs		-66,054,829.06	-64,116,193.73	-40,660,345.46	-38,556,713.78
Administrative expenses		-156,300,786.08	-136,280,081.18	-127,066,427.79	-102,061,675.75
Finance costs		-83,413,744.63	-66,173,431.00	-56,150,514.59	-39,520,168.20
Share of profit from investment					
in associates		59,126,533.50	2,531,232.50	0.00	0.00
Profit before income tax		158,752,439.36	119,536,177.94	149,052,436.83	165,915,165.21
Income tax (expense) revenue	27	-22,245,141.23	-24,368,376.57	-25,578,941.50	-24,830,925.94
Profit for the year		136,507,298.13	95,167,801.37	123,473,495.33	141,084,239.27
Other comprehensive income (expense)					
Components of other comprehensive income					
that will not be reclassified to profit or loss					
Gains (Losses) on remeasurements of					
defined benefit		0.00	160,750.60	0.00	-1,401,280.00
Income tax of components of other					
comprehensive income that will					
not be reclassified to profit or loss		0.00	69,547.40	0.00	280,256.00
Other comprehensive income expense - net					
by tax		0.00	230,298.00	0.00	-1,121,024.00
Total comprehensive income					
for the year		136,507,298.13	95,398,099.37	123,473,495.33	139,963,215.27

Notes to financial statements are parts of these financial statements.

	Note	Consolidated financial statements (Baht)		Separate financial statements (Baht)	
		2018	2017	2018	2017
			(Restated)		
Attributable to :					
Owners of the Company		139,578,456.81	100,392,753.37	123,473,495.33	141,084,239.27
Non - controlling interests		-3,071,158.68	-5,224,952.00	0.00	0.00
		<u>136,507,298.13</u>	<u>95,167,801.37</u>	<u>123,473,495.33</u>	<u>141,084,239.27</u>
Total comprehensive income attributable to					
Owners of the company		139,578,456.81	100,623,051.37	123,473,495.33	139,963,215.27
Non - controlling interests		-3,071,158.68	-5,224,952.00	0.00	0.00
		<u>136,507,298.13</u>	<u>95,398,099.37</u>	<u>123,473,495.33</u>	<u>139,963,215.27</u>
Basic earnings per share	28	0.21	0.15	0.18	0.21

STATEMENTS OF CHANGES IN SHAREHOLDERS' EQUITY

UAC Global Public Company Limited and Subsidiaries Statements of the Changes in Shareholders' Equity For the Year Ended December 31, 2018

(Unit : Baht)

Consolidated financial statements							
Owners of the Company							
	Issued and paid-up	Premium on	Retained earnings		Owners of	Non-controlling	Total
	share capital	share capital	Appropriated	Unappropriated	the Company	interests	shareholders'
Note			Legal reserve				equity
Balance as at December 31, 2017	333,802,650.50	587,165,357.66	36,292,756.15	315,156,407.36	1,272,417,171.67	36,394,889.37	1,308,812,061.04
Cumulative effect from errors correction 39	0.00	0.00	0.00	3,961,450.29	3,961,450.29	39.61	3,961,489.90
Adjusted balance as at December 31, 2017	333,802,650.50	587,165,357.66	36,292,756.15	319,117,857.65	1,276,378,621.96	36,394,928.98	1,312,773,550.94
Changes in shareholders' equity							
Ordinary shares increase	0.00	0.00	0.00	0.00	0.00	1,625,000.00	1,625,000.00
Dividend paid 26	0.00	0.00	0.00	-146,873,166.22	-146,873,166.22	0.00	-146,873,166.22
Total comprehensive income							
for the year	0.00	0.00	0.00	139,578,456.81	139,578,456.81	-3,071,158.68	136,507,298.13
Legal reserve 25	0.00	0.00	3,707,498.06	-3,707,498.06	0.00	0.00	0.00
Total changes in shareholders' equity	0.00	0.00	3,707,498.06	-11,002,207.47	-7,294,709.41	-1,446,158.68	-8,740,868.09
Balance as at December 31, 2018	333,802,650.50	587,165,357.66	40,000,254.21	308,115,650.18	1,269,083,912.55	34,948,770.30	1,304,032,682.85
Balance as at December 31, 2016	333,802,650.50	587,165,357.66	29,238,544.19	254,967,783.00	1,205,174,335.35	41,494,741.37	1,246,669,076.72
Cumulative effect from errors correction 39	0.00	0.00	0.00	3,961,450.29	3,961,450.29	39.61	3,961,489.90
Adjusted balance as at December 31, 2016	333,802,650.50	587,165,357.66	29,238,544.19	258,929,233.29	1,209,135,785.64	41,494,780.98	1,250,630,566.62
Changes in shareholders' equity							
Ordinary shares increase	0.00	0.00	0.00	0.00	0.00	125,100.00	125,100.00
Dividend paid 26	0.00	0.00	0.00	-33,380,215.05	-33,380,215.05	0.00	-33,380,215.05
Total comprehensive income							
for the year	0.00	0.00	0.00	100,623,051.37	100,623,051.37	-5,224,952.00	95,398,099.37
Legal reserve 25	0.00	0.00	7,054,211.96	-7,054,211.96	0.00	0.00	0.00
Total changes in share holder's equity	0.00	0.00	7,054,211.96	60,188,624.36	67,242,836.32	-5,099,852.00	62,142,984.32
Balance as at December 31, 2017	333,802,650.50	587,165,357.66	36,292,756.15	319,117,857.65	1,276,378,621.96	36,394,928.98	1,312,773,550.94

Notes to financial statements are parts of these financial statements.



STATEMENTS OF CHANGES IN SHAREHOLDERS' EQUITY

UAC Global Public Company Limited and Subsidiaries Statements of the Changes in Shareholders' Equity For the Year Ended December 31, 2018

(Unit : Baht)

		Separate financial statements				
	Note	Issued and paid-up	Premium on	Retained earnings		Total
		share capital	share capital	Appropriated	Unappropriated	shareholders'
				Legal reserve		equity
Balance as at December 31, 2017		333,802,650.50	587,165,357.66	36,292,756.15	215,573,175.71	1,172,833,940.02
Changes in shareholders' equity						
Dividend paid	26	0.00	0.00	0.00	-146,873,166.22	-146,873,166.22
Total comprehensive income						
for the year		0.00	0.00	0.00	123,473,495.33	123,473,495.33
Legal reserve	25	0.00	0.00	3,707,498.06	-3,707,498.06	0.00
Total changes in shareholders' equity		0.00	0.00	3,707,498.06	-27,107,168.95	-23,399,670.89
Balance as at December 31, 2018		333,802,650.50	587,165,357.66	40,000,254.21	188,466,006.76	1,149,434,269.13
Balance as at December 31, 2016		333,802,650.50	587,165,357.66	29,238,544.19	116,044,387.45	1,066,250,939.80
Changes in shareholders' equity						
Dividend paid	26	0.00	0.00	0.00	-33,380,215.05	-33,380,215.05
Total comprehensive income						
for the year		0.00	0.00	0.00	139,963,215.27	139,963,215.27
Legal reserve	25	0.00	0.00	7,054,211.96	-7,054,211.96	0.00
Total changes in shareholders' equity		0.00	0.00	7,054,211.96	99,528,788.26	106,583,000.22
Balance as at December 31, 2017		333,802,650.50	587,165,357.66	36,292,756.15	215,573,175.71	1,172,833,940.02

Notes to financial statements are parts of these financial statements.

STATEMENTS OF CASH FLOWS

UAC Global Public Company Limited and Subsidiaries Statements of Cash Flows For the Year Ended December 31, 2018

	Consolidated financial statements (Baht)		Separate financial statements (Baht)	
	2018	2017 (Restated)	2018	2017
Cash flows from operating activities				
Profit before corporate income tax	158,752,439.36	119,536,177.94	149,052,436.83	165,915,165.21
Adjustment				
Depreciation	107,128,811.36	98,720,584.29	67,625,436.59	68,405,465.66
Amortization of other intangible assets	11,884,469.70	11,884,469.70	0.00	0.00
(Reversal) from devaluation of inventories	2,228,663.03	297,031.16	608,446.93	-136,286.11
Bad debt and doubtful accounts	1,877,352.00	548,883.97	0.00	512,387.97
Reversed doubtful accounts	0.00	-71,317.60	0.00	-71,317.60
Unrealized (gain) on exchange rate	-3,276,119.10	-115,321.29	-3,247,617.42	-26,316.52
Loss from impairment of investment	0.00	0.00	18,143,332.77	0.00
Loss from impairment of assets	11,317,356.27	0.00	0.00	0.00
Gain from changing investment	-20,995.19	-22,461.18	-39.45	0.00
Share of profit from investment				
in associates	-59,126,533.50	-2,531,232.50	0.00	0.00
Gain on sales of fixed assets	-3,810,588.26	-805,459.48	0.00	-917,497.66
Loss from disuse of fixed assets	477,610.04	1,094,041.05	383,762.32	712,769.27
Amortized subsidy income for recognition	-830,218.32	-830,218.32	-830,218.32	-830,218.32
Write off other assets	6,156,502.92	7,958,074.51	4,400,650.50	6,302,572.37
Employee benefit	2,337,360.03	3,279,634.00	1,615,640.00	2,025,214.00
Dividend income	0.00	0.00	-24,068,193.00	-45,011,743.40
Interest expenses	76,691,674.35	71,234,460.00	49,549,206.65	37,755,101.41
	311,787,784.69	310,177,346.25	263,232,844.40	234,635,296.28
(Increase) Decrease in changes of operating assets				
Proceeds (paid) from current investment	-6,112.92	449,292.40	-6,112.92	0.00
Trade and other current receivables	13,350,402.19	-76,078,000.48	14,739,554.73	-56,805,404.80
Prepayment for wages and goods acquisition	-10,978,088.71	-154,543.82	-10,978,088.71	-154,543.82
Inventories	-872,667,198.61	-29,186,268.49	-875,133,776.65	-37,538,976.67
Other non-current assets	13,759,224.89	-26,657,146.93	77,000.00	1,825,496.33
Increase (Decrease) in changes of operating liabilities				
Trade and other current payables	234,520,142.99	51,879,096.80	229,016,449.00	41,738,586.75
Employee benefit paid	-717,469.80	-29,960.00	-352,491.80	-29,960.00
Other non-current liabilities	816,318.41	844,693.98	816,318.41	844,693.98
Cash generated (paid for) from operations	-310,134,996.87	231,244,509.71	-378,588,303.54	184,515,188.05
Interest paid	-79,298,978.99	-64,071,405.30	-50,250,200.62	-37,336,779.70
Corporate income tax paid	-10,813,557.63	-12,755,640.76	-9,355,269.27	-756,358.88
Net cash provided by (used in) operating activities	-400,247,533.49	154,417,463.65	-438,193,773.43	146,422,049.47

Notes to financial statements are parts of these financial statements.

	Consolidated financial statements (Baht)		Separate financial statements (Baht)	
	2018	2017 (Restated)	2018	2017
Cash flows from investing activities				
Payments from restricted fixed deposits	-10,000,000.00	0.00	-10,000,000.00	0.00
Proceeds from short-term loans	3,000,000.00	2,400,000.00	0.00	46,450,000.00
Payments from short-term loans	0.00	-3,067,000.00	-90,700,000.00	-81,200,000.00
Payments from purchase subsidiaries	0.00	0.00	0.00	-46,250,000.00
Proceeds from dividend in associate	24,068,193.00	45,011,743.40	24,068,193.00	45,011,743.40
Proceeds from sales of fixed assets	1,878,504.68	22,643,893.87	0.00	2,009,345.80
Payments for fixed assets acquisition	-68,550,960.24	-219,840,085.28	-7,375,348.84	-12,338,903.17
Net cash provided by (used in) investing activities	-49,604,262.56	-152,851,448.01	-84,007,155.84	-46,317,813.97
Cash flows from financing activities				
Proceeds (paid) from bank overdrafts and short-term loans from financial institutions	649,872,107.98	103,825,947.55	625,623,865.40	64,049,756.02
Proceeds from short-term loans	13,500,000.00	9,000,000.00	0.00	0.00
Payment from short-term loans	-400,000.00	0.00	0.00	0.00
Proceeds from long-term loans	672,000,000.00	140,000,000.00	672,000,000.00	0.00
Payment from long-term loans	-555,905,411.16	-122,994,594.28	-466,353,360.36	-52,896,000.00
Proceeds from debentures issuance	400,000,000.00	0.00	400,000,000.00	0.00
Payment from debentures redemption	-500,000,000.00	0.00	-500,000,000.00	0.00
Payment from financial lease liabilities	-24,018,653.79	-103,963,800.24	-2,801,414.95	-83,706,971.40
Proceeds from non-controlling interests	1,625,000.00	125,100.00	0.00	0.00
Payment from dividend	-146,873,166.22	-33,380,215.05	-146,873,166.22	-33,380,215.05
Net cash provided by (used in) financing activities	509,799,876.81	-7,387,562.02	581,595,923.87	-105,933,430.43
Net increase (decrease) in cash and cash equivalents before effect of exchange rate	59,948,080.76	-5,821,546.38	59,394,994.60	-5,829,194.93
Effects of changes in exchange rate for cash and cash equivalents	-47,618.92	-734,192.77	-47,618.92	-734,192.77
Increase (decrease) in cash and cash equivalents	59,900,461.84	-6,555,739.15	59,347,375.68	-6,563,387.70
Cash and cash equivalents as at January 1	18,876,674.78	25,432,413.93	13,683,129.21	20,246,516.91
Cash and cash equivalents as at December 31	78,777,136.62	18,876,674.78	73,030,504.89	13,683,129.21

Notes to financial statements are parts of these financial statements.

Notes to Financial Statements

UAC Global Public Company Limited and Subsidiaries Statements of Cash Flows For the Year Ended December 31, 2018

1. GENERAL INFORMATION

1.1 The Company was registered as a company limited on April 1, 1985 and on April 22, 2010, the Company has registered to change its status to public company limited and was listed company in the Market for Alternative Investment (MAI) on October 11, 2010.

1.2 The Company has changed its name to "UAC Global Public Company Limited" which was registered the change of the Company's name with the Ministry of Commerce on April 18, 2014.

1.3 The Company's registered address is No.1 TP&T Tower, 19th Floor, Soi Vibhavadirangsit 19, Vibhavadirangsit Road, Chatuchak Sub-District, Chatuchak District, Bangkok 10900 and the branch office's addresses as follows :

Branch 1 : Warehouse is located at 999 Moo 4, Soi Tesaban Bangpoo 99 (Sermmitra), Sukhumvit Road, Muang Samutphakan, Samutprakan.

Branch 2 : Sale office is located at 188/76 Sukhumvit Road, Tambon Maptaput, Amphur Muang Rayong, Rayong.

Branch 3 : This branch was registered to cancel on December 26, 2017.

Branch 4 : Manufacturing plant and distribution at 150 Moo 2, Tambon Mae Tang, Amphur Mae Tang, Chiangmai.

Branch 5 : Manufacturing plant and distribution at 1/1 Moo 8, Tambon Kokrak, Amphur Kongkrailat, Sukhothai.

Branch 6 : Manufacturing plant and distribution at 150/1 Moo 2, Tambon Mae Tang, Amphur Mae Tang, Chiangmai.

1.4 The Company has engaged in business as follows:

1.4.1 The Company has engaged in business of import and distribution of chemicals and equipment used in various industries i.e. off-shore natural gas exploration and production, oil refinery and upstream petrochemicals, engine oil lubricant manufacturing plant, polymer and plastic manufacturing plant, chemical industrial plant, power plant and utilities system.

1.4.2 To provide the consultant and advising for the marketing of any products and services, the feasibility study of any projects or works related to Energy industry, Refinery, Petrochemicals, Power plants and other utilities.

1.4.3 Production and distribution of Biogas used in power generation, transportation and various industries.

1.4.4 Hire of construction of machines and equipment used in various industries i.e. off-shore natural gas exploration and production, oil refinery and upstream petrochemicals, engine oil lubricant manufacturing plant, polymer and plastic manufacturing plant, chemical industrial plant, power plant and utilities system.

1.4.5 Production and distribution of petroleum manufacturing such as Compressed Natural Gas (CNG), Liquefied Petroleum Gas (LPG), Natural Gas Liquid (NGL).

2. PREPARATION OF FINANCIAL STATEMENTS BASIS

2.1 Preparation of financial statements

The financial statements have been prepared in accordance with Thai Financial Reporting Standards (TFRS); guidelines promulgated by the Federation of Accounting Professional ("FAP"), and the Regulation of The Stock Exchange of Thailand (SET) dated 22 January 2001, regarding the preparation and submission of financial statements and reports for the financial position and financial performance of the listed companies B.E. 2544. The format of presentation of the financial statements is not significantly different from the Notification of the Department of Business Development regarding "The Brief Particulars in the Financial Statements (No. 2) B.E. 2559" dated 11 October 2016.

The financial statements have been prepared under the historical cost convention, except as transaction disclosed in related accounting policy.

Measurement of fair values

The Company and subsidiaries' accounting policies and disclosures require the measurement of fair values, for both financial and non-financial assets and liabilities.

The Company and subsidiaries have an established control framework with respect to the measurement of fair values. This includes a valuation that has overall responsibility for overseeing all significant fair value measurements, including level 3 fair values, and reports directly to CFO.

The valuation regularly reviews significant unobservable inputs and valuation adjustments. If third party information, such as broker quotes or pricing services, is used to measure fair values, then the valuation assesses the evidence obtained from the third parties to support the conclusion that such valuations meet the requirements of TFRS, including the level in the fair value hierarchy in which such valuation should be classified.

When measuring the fair value of an asset or a liability, the Company and subsidiaries use market observable data as fair as possible. Fair values are categorized into different levels in a fair value hierarchy based on the inputs used in the valuation techniques as follows :

- Level 1 : quoted prices (unadjusted) in active markets for identical assets or liabilities that the entity can access at the measurement date.
- Level 2 : inputs other than quoted prices included in Level 1 that are observable for the asset or liabilities, either directly (i.e. as prices) or indirectly (i.e. observable prices).
- Level 3 : inputs are unobservable for the asset or liability.

If the inputs used to measure the fair value of an asset or liability might be categorized in different levels of the fair value hierarchy, then the fair value measurement is categorized in its entirety in the same level of the fair value hierarchy as the lowest level input that is significant to the entire measurement.

The Company and subsidiaries recognized transfers between levels of the fair value hierarchy at the end of the reporting period during which the change has occurred.

2.2 New Financial Reporting Standards

2.2.1 Financial report standards that became effective in the current year

During the year, the Company and subsidiaries have adopted a number of revised financial reporting standards and interpretations (revised 2017) which are effective for the financial statements for the year beginning on or after January 1, 2018. These financial reporting standards were aimed at alignment with the corresponding International Financial Reporting Standards with most of the changes and clarifications directed towards disclosures in the notes to financial statements. The adoption of those financial reporting standards does not have any significant impacts on the Company and subsidiaries' financial statements.

2.2.2 Financial reporting standards that will become effective in the future

- 1) Thai Financial Reporting Standards which will become effective for the financial statements for the accounting period beginning on or after January 1, 2019.

TFRS 15 Revenue from Contracts with Customers, establishes the principles that the information about the nature, amount, timing and uncertainty of revenue and cash flows from a contract with a customer, is to be reported to the users of financial statements. The entity recognizes revenue to depict the transfer of promised goods or services to the customer in an amount that reflects the consideration to which the entity expects to be entitled in exchange for those goods or services. The entity applies a five-step model to account for revenue and exercise judgement, taking into consideration when applying each step of the model.

TFRS 15 Revenue from Contracts with Customers supersedes the Thai Accounting Standards, Thai Standing Interpretations Committee and Thai Financial Reporting Interpretations Committee as detailed below :

Thai Accounting Standards

TAS 11 (Revised 2017)	Construction contracts
TAS 18 (Revised 2017)	Revenue

Thai Financial Reporting Standards Interpretations

TFRIC 13 (Revised 2017)	Customer Loyalty Programmes
TFRIC 15 (Revised 2017)	Agreements for the Construction of Real Estate
TFRIC 18 (Revised 2017)	Transfers of Assets from Customers

Thai Standing Interpretations Committee

TSIC 31 (Revised 2017)	Revenue - Barter Transactions Involving Advertising Services
------------------------	--

At present, the Management of the Company and subsidiaries has assessed that there is no impact of the above Thai Financial Reporting Standards on the financial statements which will become effective in the future.

- 2) Thai Financial Reporting Standards which will become effective for the financial statements for the accounting period beginning on or after January 1, 2020.

The Federation of Accounting Professions announced for the adoption the set Thai Financial Reporting Standards relating to Financial Instruments, which comprise five issues of accounting standards and interpretations as below:

Thai Financial Reporting Standards

TFRS 7	Financial Instruments: Disclosures
TFRS 9	Financial Instruments

Thai Accounting Standards

TAS 32	Financial Instruments: Presentation
--------	-------------------------------------

Thai Financial Reporting Standards Interpretations

TFRIC 16	Hedges of a Net Investments in a Foreign Operation
TFRIC 19	Extinguishing Financial Liabilities with Equity Instruments

The above set of Thai Financial Reporting Standards (TFRSs) sets out the requirements for the classification and measurement of financial instrument at the fair value or amortized cost by considering from the type of instruments, contractual cash flow characteristics and the entity's business model, including the impairment methodology by using the expected credit loss, and the general hedge accounting, as well as the presentation and disclosures of financial instrument. When this set of TFRSs are effective, as a result, some currently effective accounting standards, interpretations and guidance will be cancelled.

At present, the Management of the Company and subsidiaries is being assessed the impacts of those financial reporting standards which will be effective in the future on the financial statements.

3. BASIS OF CONSOLIDATED FINANCIAL STATEMENTS PREPARATION

3.1 The consolidated financial statements incorporate the financial statements of UAC Global Public Company

Limited and its subsidiaries, control is achieved where the Company has the power to govern the

financial and operating policies until the control is ceased as follows :

	Incorporated in	Percentage of investment (%)		Type of business
		2018	2017	
Subsidiaries				
UAC Utilities Co., Ltd.	Thailand	99.99	99.99	Hire of water production and distribution including related equipment use in consumption and industries
UAC & TPT Energy Co., Ltd.	Thailand	50.01	50.01	Production and distribution of Biogas used in power generation, transportation and various industries
UAC Energy Co., Ltd.	Thailand	99.99	99.99	Generating and distribution of electricity current and alternative energy
UAC TPT Pellets Co., Ltd. (held by UAC & TPT Energy Co., Ltd. at 99.97%)	Thailand	50.00	50.00	Generating and distribution of fuel briquette
Solar Energy Roof Power Co., Ltd. (held by UAC Energy Co., Ltd. at 99.99%)	Thailand	99.98	99.98	Generating and distribution of electricity current and alternative energy
UAC Advance Polymer & Chemicals Co., Ltd.	Thailand	99.99	99.99	Generating and distribution of chemical products use in general industries
UAC Top Energy Co., Ltd. (held by UAC Energy Co., Ltd. at 74.98%)	Thailand	74.97	74.97	Generating and distribution of electricity current and alternative energy

3.2 The consolidated financial statements have been prepared in conformity with the same accounting policy for the same accounts and accounting events of the Company and subsidiaries.

3.3 The balance of accounts and transactions between UAC Global Public Company Limited and its subsidiaries, unrealized gain between of the Company and net assets of subsidiaries have been eliminated from the consolidated financial statements.

4. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

4.1 Income and Expenses Recognition

4.1.1 Revenues and expenses are recognized on an accrual basis.

4.1.2 Revenues from sales are recognized when the goods are delivered, the significant risk and rewards have been transferred to the customers.

4.1.3 Revenues from project advisory services are recognized as income when the services are rendered.

4.1.4 Revenues from construction contract services are recognized by reference to the stage of completion of the contract activity when it is probable that total contract cost will be exceed total contract revenue, the expected loss is recognized as an expenses in statements of comprehensive income immediately.

4.2 Cash and Cash Equivalents

Cash and cash equivalents included cash on hand and at bank of which the maturity is less than three months from the deposit date and without restriction on withdrawal.

4.3 Trade and Other Current Receivables

Trade and other current receivables are stated at the rights to receive amount/invoice amount less allowance for doubtful accounts.

The Company and subsidiaries provided allowance for doubtful accounts by considering the overdue period of the trade receivable from the abilities to repay the debts of each trade receivable.

4.4 Inventory

Inventories are valued at the lower of cost on a first-in first-out (FIFO) basis or net realizable value.

4.5 Investment

Investment in subsidiaries is stated at cost less provision for impairment of investment (if any).

Investment in separate financial statements is stated at cost less provision for impairment of investment (if any).

Other long-term investment is stated at cost less provision for impairment of investment (If any).

4.6 Plant, Property and Equipment

Land is stated at cost less provision for impairment (If any).

Building and equipment are stated at cost less relevant accumulated depreciation and provision for impairment of assets (if any). Cost is included initial estimate of the costs of dismantling and removing the item and restoring the site on which it is located, the obligation for which the Company and subsidiaries incur.

4.6 Plant, Property and Equipment (Cont.)

Building and equipment are depreciated on a straight-line basis over the estimated useful lives of the assets and depreciation charge has to be determined separately for each significant parts of assets with the cost that is significant in relation to the total cost of asset item. In addition, the entity is required to review the useful lives, residual value and depreciation method at least at each financial year-end.

The estimated useful lives of the assets are as follows :

	Number of years
Building and building improvement	5 - 20
Machinery and equipment	5 - 20
Office equipment	2 and 5
Office furniture and fixture	5
Vehicles	5

Land and assets under construction are not depreciated.

4.7 Other Intangible Assets

4.7.1 Other intangible assets of subsidiary are stated at cost less accumulated amortization and provision for impairment (If any.).

4.7.2 Other intangible assets of subsidiary are amortized on straight-line method as follows.

	Number of years
Customer relationship	6, 11, 16
Formulus	6

4.8 Impairment of Assets

The Company and subsidiaries have assessed the impairment of assets whenever events or changes indicated that the carrying amount of an assets exceeds its recoverable value (net selling price of the assets under current operation or its utilization value whichever is higher). The Company will consider the impairment for each asset item or each assets unit generating cash flows, whichever is practical. In case of the carrying amount of an asset exceeds its recoverable value, the Company and subsidiaries will recognize an impairment loss in the statements of comprehensive income for the period. The Company and subsidiaries will reverse the impairment loss whenever there is an indication that there is no longer impairment or reduction in impairment.

4.9 Transactions in Foreign Currencies

The Company and subsidiaries record its transactions in foreign currencies converting into Thai Baht by using the exchange rates ruling on the transaction dates. The outstanding balances of accounts in foreign currencies as at the statements of financial position date are converted into Thai Baht by using the exchange rates ruling on the same date.

Gains or Loss on exchange rate are taken into income or expense in the results of operation.

4.10 Financial Instruments

Financial instruments are presented in statements of financial position, consist of cash and cash equivalents, current investment, trade and other receivables, long-term investment, short-term loans from financial institution, trade and other payables, long-term loans and financial lease liabilities. The basis of recognition and measurement of each item is separately disclosed in the related transactions.

4.11 Long-Term Lease

4.11.1 Financial lease

The Company and subsidiaries record vehicles under hire purchase agreement/lease agreement as assets and liabilities in an amount equal to the fair value of the leased assets or the present value of the minimum payments under the agreements. Interest expenses are recorded to each period over the term of the agreement.

4.11.2 Operating lease

The Company and subsidiaries have recorded long-term lease land agreement to be paid over the term of the agreement under operating lease as rental expenses since the inception date in the statements of comprehensive income, amortized on a straight-line basis.

4.12 Provident fund and Employee Benefits

4.12.1 Provident fund

The Company and subsidiaries have established provident fund under the defined contribution plan. The fund's assets are separated entities which are administered by the outsider fund manager. Employees paid accumulation, the Company and subsidiaries paid contribution into such provident fund. The Company's contribution payments to the provident fund were recorded as expenses in the statements of comprehensive income in the period in which they are incurred.

4.12.2 Employee benefit obligations

The Company and subsidiaries provide for post-employment benefits, payable to employees under the Thai Labor Law. The present value of employee benefit liabilities recognized in the statements of financial position using Projected Unit Credit Method of which calculated by the Independent Actuary by using Actuarial Technique. The calculation was made from determining the present value of future cash flows expected to be required to settle and determines discount rate by reference to market yield of government bonds should have terms to maturity approximately equal to the terms of such obligations. In determine the future cash flows expected to be required to settle is used from employees' salaries, turnover, length of services and other factors. Changes in actuarial gains or losses are recognized in the period in which they are incurred in other comprehensive income. Expenses related to employee benefits shall be recorded in profit or loss for sharing such expenses throughout the period of services rendering.

On December 13, 2018, the National Legislative Assembly passed the resolution to approve the draft of new Labour Protection Act which determined the additional rate of severance pay in the case of termination of employment for a terminated employee who has worked for 20 consecutive years or more and shall be entitled to receive payment not less than the last rate of wages for 400 days. However, new Labour Protection Act is being announced in the Government Gazette. The Company, therefore, shall record the effects of new Labour Protection Act when it becomes effective.

4.13 Income Tax and Deferred Tax

4.13.1 Income tax expense for the period comprises current and deferred tax. Current and deferred tax are recognized in profit or loss except to the extent that they relate to a business combination, or items recognized directly in equity or in other comprehensive income

- 1) Current tax is the expected tax payable or receivable on the taxable income or loss for the period, using tax rates enacted or substantively enacted at the reporting date, and any adjustment to tax payable in respect of previous years.
- 2) Deferred tax is recognized in respect of temporary differences between the carrying amounts of assets and liabilities for financial reporting purposes and the amounts used for taxation purposes. Deferred tax is not recognized if it is probable that they will not utilize in the foreseeable future.

4.13.2 Deferred tax is measured at the tax rates that are expected to be applied to the temporary differences when they adjust, using tax rates enacted or substantively enacted at the reporting date.

4.13.3 In determining the amount of current and deferred tax, the Company and subsidiaries take into account the impact of uncertain tax positions and whether additional taxes and interest may be settled. The Company and subsidiaries believe that its accruals for tax liabilities are adequate for all open tax years based on its assessment of many factors, including interpretations of tax law and prior experience. This assessment relies on estimates and assumptions and may involve a series of judgements about future events. New information may become available that causes the Company and subsidiaries to change its judgement regarding the adequacy of existing tax liabilities; such changes to tax liabilities will impact tax expense in the period that such a determination is made.

4.13.4 Deferred tax assets and liabilities are offset if there is a legally enforceable right to offset current tax liabilities and assets, and they relate to income taxes levied by the same tax authority on the same taxable entity, or on different tax entities, but the Company and subsidiaries intend to settle current tax liabilities and assets on a net basis or their tax assets and liabilities will be realized simultaneously.

4.13.5 A deferred tax asset is recognised to the extent that it is probable that future taxable profits will be available against which the temporary differences can be utilized. Deferred tax assets are reviewed at each reporting date and reduced to the extent that it is no longer probable that the related tax benefit will be realized.

4.14 Accounting Estimates

Preparation of financial statements in conformity with the financial reporting standards required the management to make several estimation and assumption which affect the reported amounts in the financial statements and notes related thereto. Consequent actual results may differ from those estimates.

The Company and subsidiaries made estimates and assumptions concerning the future factors. The results of accounting estimates may be differed from the related actual results. The estimates and assumptions that may have a risk of causing an adjustment to the assets in the next financial year related to allowance for doubtful accounts, allowance for devaluation of inventories and provision for impairment of assets at the statements of financial position date. Other estimates are disclosed in related notes to financial statements.

4.15 Provisions

The Company and subsidiaries recognize a provision when an entity has a present legal or constructive obligation as a result of a past event. It is probable that an outflow of economic benefits resources will be required to settle the obligation and reliable estimate can be made of the amount of the obligation. If some or all the expenditure is required to settle a provision, is expected to be reimbursed when it is virtually certain that reimbursement will be received if the Company settles the obligation. The amount recognized should not exceed the amount of the provision.

4.16 Significant accounting judgements and estimates

The preparation of financial statements in conformity with Thai Financial Reporting Standards at times requires management to make subjective judgements and estimates regarding matters that are inherently uncertain. These judgements and estimates affect reported amounts and disclosures; and actual results could differ from these estimates. Significant judgements and estimates are as follows:

Allowance for doubtful accounts

In determining an allowance for doubtful accounts, the management needs to make judgement and estimates based upon, among other things, past collection history, aging profile of outstanding debts and the prevailing economic condition.

Provision for devaluation of inventories

The determination of provision for devaluation of inventories, requires management to make judgements and estimates. The allowance for decline in net realizable value is estimated based on the selling price expected in the ordinary course of business; and provision for obsolete, slow-moving and deteriorated inventories, is estimated based on the approximate useful life of each type of inventory.

Property, plant and equipment/Depreciation

In determining depreciation of plant and equipment, the management is required to make estimates of the useful lives and residual values of the plant and equipment and to review estimate useful lives and residual values when there are any changes.

In addition, the management is required to review property, plant and equipment for impairment on a periodical basis and record impairment losses when it is determined that their recoverable amount is lower than the carrying amount. This requires judgements regarding forecast of future revenues and expenses relating to such assets.

Goodwill

Goodwill is derived from the excess of acquisition business cost over equity of purchaser at fair value of assets and liabilities as at acquisition date. Impairment of goodwill is tested every year by stated at cost less accumulated provision for impairment. Loss from impairment of goodwill cannot be reversed.

Intangible assets

The initial recognition and measurement of intangible assets, and subsequent impairment testing, require management to make estimates of cash flows to be generated by the asset or the cash generating units and to choose a suitable discount rate in order to calculate the present value of those cash flows.

Deferred tax assets

Deferred tax assets are recognized for deductible temporary differences and unused tax losses to the extent that it is probable that taxable profit will be available against which the temporary differences and losses can be utilized. Significant management judgment is required to determine the amount of deferred tax assets that can be recognized by considering the amounts of expected future taxable profit of each period.

Leases

In determining whether a lease is to be classified as an operating lease or finance lease, the management is required to use judgement regarding whether significant risk and rewards of ownership of the leased asset has been transferred, taking into consideration terms and conditions of the arrangement.

Post-employment benefits under defined benefit plans and other long-term employee benefits

The obligation under the defined benefit plans and other long-term employee benefit plans are determined based on actuarial techniques. Such determination is made based on various assumptions, including discount rate, future salary increase rate, mortality rate and staff turnover rate.

4.17 Earnings (Loss) per Share

Basic earnings (loss) per share which is determined by dividing the net profit (loss) for the year by the weighted average number of ordinary shares issued and paid-up during the year.

5. ADDITIONAL DISCLOSURE OF CASH FLOWS INFORMATION

5.1 Cash and cash equivalents

	Consolidated financial statements (Baht)		Separate financial statements (Baht)	
	2018	2017	2018	2017
Cash	209,077.50	219,307.50	46,077.50	36,307.50
Current accounts	55,034,768.84	1,580,785.33	54,944,858.72	1,530,331.01
Saving deposits	22,479,393.78	17,076,581.95	16,985,672.17	12,116,490.70
Cheque on hand	1,053,896.50	0.00	1,053,896.50	0.00
Total	<u>78,777,136.62</u>	<u>18,876,674.78</u>	<u>73,030,504.89</u>	<u>13,683,129.21</u>

5.2 Non-cash transaction

For the year ended December 31, 2018

1 The Company and subsidiaries have fixed assets acquisition expenses in the amount of Baht 13.93 million in the consolidated financial statements and Baht 0.08 million in the separate financial statements, respectively. At the end of the period, the payment is still not matured, which was presented as other current payables.

For the year ended December 31, 2017

1 The Company and subsidiaries has fixed assets acquisition expenses in the amount of Baht 35.74 million in the consolidated financial statements and Baht 0.02 million in the separate financial statements, respectively. At the end of the period, the payment is still not matured, which was presented as other current payables.

2 The Company and subsidiaries have entered into vehicle and office equipment hire- purchase contract amount of Baht 8.65 million in the consolidated financial statements and Baht 8.47 million in the separate financial statements, respectively by making initial payment amount of Baht 2.07 million in the separate financial statements and the remaining will be made by installment which was presented as financial lease liabilities.

3 The Company has additionally invested in a subsidiary company Baht 78.75 million by offsetting with short-term loan.

6. CURRENT INVESTMENT

Consolidated financial statements (Baht)				
2018		2017		
	Cost	Fair value	Cost	Fair value
Investment in trading securities	1,856,820.52	1,905,917.88	1,850,707.60	1,878,809.77
Total	1,856,820.52	1,905,917.88	1,850,707.60	1,878,809.77

Separate financial statements (Baht)				
2018		2017		
	Cost	Fair value	Cost	Fair value
Investment in trading securities	6,112.92	6,152.37	0.00	0.00
Total	6,112.92	6,152.37	0.00	0.00

Temporary investment is investment in money market fund and debt securities fund.

7. TRADE AND OTHER CURRENT RECEIVABLES

Consolidated financial statements (Baht)		Separate financial statements (Baht)		
2018	2017	2018	2017	
Trade accounts receivable				
Billed	264,088,510.43	341,997,389.49	195,923,827.75	264,356,249.11
Unbilled	39,670,580.83	8,712,663.97	33,668,092.46	4,066,356.96
Other current receivables				
Value Added Tax receivable	45,200,396.96	40,804,430.59	13,691,695.98	5,154,951.05
Fixed assets sold receivable	25,594,400.00	0.00	0.00	0.00
Others	31,176,378.44	26,055,894.06	36,639,967.13	31,484,966.10
Total	405,730,266.66	417,570,378.11	279,923,583.32	305,062,523.22

7. TRADE AND OTHER CURRENT RECEIVABLES (Cont.)

	Consolidated financial statements (Baht)		Separate financial statements (Baht)	
	2018	2017	2018	2017
Less Allowance for				
doubtful accounts	-4,077,143.37	-2,199,791.37	-2,199,791.37	-2,199,791.37
Net	<u>401,653,123.29</u>	<u>415,370,586.74</u>	<u>277,723,791.95</u>	<u>302,862,731.85</u>
Trade accounts receivable are				
separated by aging as follows :				
Trade accounts receivable				
under Credit Term	147,087,046.55	257,270,303.77	90,388,500.58	199,148,428.01
Trade accounts receivable overdue for				
payment				
- Less than 3 months	95,879,538.78	83,612,831.10	86,229,754.07	64,560,438.48
- Over 3 - 6 months	7,599,475.60	890,914.62	7,599,475.60	647,382.62
- Over 6 - 12 months	12,579,447.50	0.00	11,706,097.50	0.00
- Over 12 months	943,002.00	223,340.00	0.00	0.00
Total	<u>264,088,510.43</u>	<u>341,997,389.49</u>	<u>195,923,827.75</u>	<u>264,356,249.11</u>

8. INVENTORIES

	Consolidated financial statements (Baht)		Separate financial statements (Baht)	
	2018	2017	2018	2017
Finished goods	125,883,240.74	130,908,051.21	98,456,069.71	106,609,505.61
Raw material	14,438,670.56	21,220,041.27	704,136.78	1,838,840.36
Supplies	10,784,493.15	8,605,009.28	9,097,569.58	7,120,135.30
Goods in transit	968,689,726.17	86,395,830.25	968,549,417.30	86,104,935.45
Total	<u>1,119,796,130.62</u>	<u>247,128,932.01</u>	<u>1,076,807,193.37</u>	<u>201,673,416.72</u>
Less provision for devaluation				
of finished goods	-4,400,129.84	-2,171,466.81	-2,346,596.47	-1,738,149.54
Net	<u>1,115,396,000.78</u>	<u>244,957,465.20</u>	<u>1,074,460,596.90</u>	<u>199,935,267.18</u>
	Consolidated financial statements (Baht)		Separate financial statements (Baht)	
	2018	2017	2018	2017
Fixed deposit	10,000,000.00	0.00	10,000,000.00	0.00
Total	<u>10,000,000.00</u>	<u>0.00</u>	<u>10,000,000.00</u>	<u>0.00</u>

AS at December 31, 2018, The Company has restricted fixed deposit Baht 10.00 million which is partial of loan agreement made with a financial institution dated on August 29, 2018 that define the Company must have fixed deposit total amount of Baht 30.00 million secured as collateral for long-term loan. As at the borrowing date, the Company had fixed deposit Baht 4.00 million secured as collateral and the Company will additionally deposit Baht 2.00 million per month in the following month for increasing collateral.



10. INVESTMENT IN ASSOCIATES

Name of company	Nature of business	Relationship	Paid-up share capital (Million Baht)		Shareholding percentage		Consolidated financial statements (Baht)		Separate financial statements (Baht)	
			2018	2017	2018	2017	Equity method		Cost method	
							2018	2017	2018	2017
Associates										
Bangchak Biofuel Co., Ltd.	Manufacturing and distribution biodiesel	Director and shareholders	281.50	281.50	30.00	30.00	228,133,356.24	193,017,084.54	111,051,487.00	111,051,487.00
Sebigas UAC Co., Ltd.	Construction	Director and shareholders	14.00	14.00	49.00	49.00	0.00	0.00	0.00	0.00
PPWE Co., Ltd.	Investment in energy business	Director and shareholders	1.00	1.00	49.98	49.98	0.00	0.00	0.00	0.00
Enerray UAC (Thailand) Co., Ltd.	Construction	Director and shareholders	6.00	6.00	25.00	25.00	0.00	0.00	0.00	0.00
Odin Myanmar Co., Ltd.	Investment in power plant alternative energy	Director and shareholders	1.00	1.00	40.00	40.00	306,397.20	364,328.40	0.00	0.00
					Total		228,439,753.44	193,381,412.94	111,051,487.00	111,051,487.00

10.1 The financial statements for the year ended December 31, 2018 of Bangchak Biofuel Co., Ltd., taken to prepare the consolidated financial statements were audited by other auditor.

10.2 The financial statements for the year ended December 31, 2018 of PPWE Co., Ltd. and Odin Myanmar Co., Ltd. taken to prepare the consolidated financial statements have not been by audited.

10.3 The financial statements for the year ended December 31, 2018 of Sebigas UAC Co., Ltd. (held at 49% by subsidiary - UAC Energy Co., Ltd.) and Enerray UAC (Thailand) Co., Ltd. (held at 25% by subsidiary UAC Energy Co., Ltd.) taken to prepare the consolidated financial statements were audited by the auditor.

11. INVESTMENT IN SUBSIDIARIES

Name of subsidiaries company	Paid-up share capital (Baht) (Million Baht)		Percentage of shareholding (%)		Separate financial statement (Baht) Cost method	
	2018	2017	2018	2017	2018	2017
UAC Utilities Co., Ltd.	30.00	30.00	99.99	99.99	26,668,099.89	26,668,099.89
UAC & TPT Energy Co., Ltd.	99.60	99.60	50.01	50.01	49,809,760.00	49,809,760.00
UAC Energy Co., Ltd.	200.00	200.00	99.99	99.99	199,999,700.00	199,999,700.00
UAC Advance Polymer & Chemicals Co., Ltd.	180.00	180.00	99.99	99.99	179,999,700.00	179,999,700.00
		Total			456,477,259.89	456,477,259.89
		Less Provision for impairment of investment			-18,143,332.77	0.00
		Investment in subsidiaries - Net			438,333,927.12	456,477,259.89

The financial statements for the year ended December 31, 2018 of the above subsidiaries were taken to prepare the consolidated financial statements which were audited by the auditor.

11.1 During the year 2017

11.1.1 UAC Utilities Co., Ltd. has registered the increase share capital for another amount of Baht 10 million to Baht 30 million (divided into 300,000 shares at par value of Baht 100 each) and called for and received the payment in full amount.

11.1.2 UAC Energy Co., Ltd. has registered the increase share capital for another amount of Baht 95 million to Baht 200 million (divided into 2,000,000 shares at par value of Baht 100 each) and called for and received the payment in full amount.



11.2 UAC & TPT Energy Company Limited has investments in subsidiary (Indirect subsidiaries) of UAC Global Public Company Limited at follow :

Name of subsidiaries company	Paid-up share capital (Million Baht)		Percentage of shareholding (%)		Investments at Cost (Baht)	
	2018	2017	2018	2017	2018	2017
UAC TPT Pellets Co., Ltd.	0.25	0.25	99.97	99.97	249,925.00	249,925.00
			Total		249,925.00	249,925.00

11.3 UAC Energy Company Limited has investments in subsidiaries (Indirect subsidiaries) of UAC Global Public Company Limited at follow :

Name of subsidiaries company	Paid-up share capital (Million Baht)		Percentage of shareholding (%)		Investments at Cost (Baht)	
	2018	2017	2018	2017	2018	2017
Solar Energy Roof Power Co., Ltd.	12.53	12.53	99.99	99.99	13,450,000.00	13,450,000.00
UAC TOP Energy Co., Ltd.	7.00	0.50	74.98	74.98	5,249,900.00	374,900.00
			Total		18,699,900.00	13,824,900.00

The financial statements as at December 31, 2018 of the above subsidiaries were taken to prepare the consolidated financial statements which were audited by the auditor.

12. OTHER LONG-TERM INVESTMENT

Name of Company	Nature of business	Paid-up share capital (Baht) (Million Baht)		Percentage of shareholding (%)		Consolidated financial statement (Baht) Cost method	
		2018	2017	2018	2017	2018	2017
Odin Power Co., Ltd.	Investment in electricity plan for alternative energy.	200.00	200.00	10.00	10.00	20,000,000.00	20,000,000.00
				Total		20,000,000.00	20,000,000.00

13. PROPERTY, PLANT AND EQUIPMENT

Consolidated financial statements (Baht)								
	Land	Building and improvement	Machinery and equipment	Office furniture	Office fixture	Vehicles	Building under construction	Total
Assets - Cost								
As at December 31, 2016	86,656,218.50	123,890,372.55	1,379,640,676.61	19,187,352.82	8,354,623.83	49,635,940.50	275,287,618.55	1,942,652,803.36
Acquisition	0.00	2,043,803.81	9,214,333.88	960,232.85	381,425.76	8,472,748.00	218,862,910.04	239,935,454.34
Disposal	0.00	-173,837.56	-336,145.99	-59,182.71	-58,987.08	-9,256,003.00	-670,828.60	-10,554,984.94
Inter-transaction transfer	0.00	23,809.74	348,893.35	0.00	0.00	0.00	-372,703.09	0.00
As at December 31, 2017	86,656,218.50	125,784,148.54	1,388,867,757.85	20,088,402.96	8,677,062.51	48,852,685.50	493,106,996.90	2,172,033,272.76
Acquisition	540,000.00	2,613,011.31	8,620,179.34	711,209.90	402,668.09	500,230.00	44,564,136.82	57,951,435.46
Disposal	0.00	0.00	-21,536,650.96	-656,480.72	-21,237.78	-4,249,067.62	-25,800.00	-26,489,237.08
Inter-transaction transfer	0.00	49,801,264.12	136,988,574.99	0.00	1,147,034.48	0.00	-196,637,456.20	-8,700,582.61
As at December 31, 2018	87,196,218.50	178,198,423.97	1,512,939,861.22	20,143,132.14	10,205,527.30	45,103,847.88	341,007,877.52	2,194,794,888.53
Accumulated depreciation								
As at December 31, 2016	0.00	26,100,786.75	170,140,998.76	13,223,264.33	3,709,192.08	19,208,415.62	0.00	232,382,657.54
Depreciation for the year	0.00	9,522,697.15	79,181,354.41	2,247,612.04	1,571,510.97	6,197,409.72	0.00	98,720,584.29
Inter-transaction transfer	0.00	-21,042.15	-99,903.16	-58,974.85	-25,023.73	-6,510,057.61	0.00	-6,715,001.50
Depreciation - write off	0.00	-1,945.36	1,945.36	0.00	0.00	0.00	0.00	0.00
As at December 31, 2017	0.00	35,600,496.39	249,224,395.37	15,411,901.52	5,255,679.32	18,895,767.73	0.00	324,388,240.33
Depreciation for the year	0.00	11,525,729.10	86,435,352.15	2,066,578.50	1,623,412.05	5,477,739.56	0.00	107,128,811.36
Inter-transaction transfer	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Depreciation - write off	0.00	0.00	-657,525.80	-650,356.01	-15,315.41	-2,683,444.06	0.00	-4,006,641.28
As at December 31, 2018	0.00	47,126,225.49	335,002,221.72	16,828,124.01	6,863,775.96	21,690,063.23	0.00	427,510,410.41
Provision for impairment of assets								
As at December 31, 2016	0.00	8,024,257.68	37,853,469.78	0.00	0.00	0.00	0.00	45,877,727.46
Increase	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
As at December 31, 2017	0.00	8,024,257.68	37,853,469.78	0.00	0.00	0.00	0.00	45,877,727.46
Increase	0.00	169,525.40	10,981,359.04	153,495.65	12,976.18	0.00	0.00	11,317,356.27
As at December 31, 2018	0.00	8,193,783.08	48,834,828.82	153,495.65	12,976.18	0.00	0.00	57,195,083.73
Net book value								
As at December 31, 2017	86,656,218.50	82,159,394.47	1,101,789,892.70	4,676,501.44	3,421,383.19	29,956,917.77	493,106,996.90	1,801,767,304.97
As at December 31, 2018	87,196,218.50	122,878,415.40	1,129,102,810.68	3,161,512.48	3,328,775.16	23,413,784.65	341,007,877.52	1,710,089,394.39



13. PROPERTY, PLANT AND EQUIPMENT (Cont.)

	Separate financial statements (Baht)						
	Land and improvement	Building and improvement	Machinery and equipment	Office furniture	Vehicles	Building under construction	Total
Assets - Cost							
As at December 31, 2016	14,706,218.50	83,225,578.16	1,042,821,685.80	16,754,719.23	4,000,267.00	31,231,074.76	1,193,327,497.05
Acquisition	0.00	1,812,353.81	7,084,353.90	908,908.10	0.00	8,472,748.00	18,651,066.90
Disposal	0.00	-142,263.65	0.00	-59,182.71	0.00	-7,457,000.00	-8,246,399.96
Inter-transaction transfer	0.00	23,809.74	348,893.35	0.00	0.00	-372,703.09	0.00
As at December 31, 2017	14,706,218.50	84,919,478.06	1,050,254,933.05	17,604,444.62	4,000,267.00	0.00	1,203,732,163.99
Acquisition	540,000.00	42,000.00	643,504.03	704,667.84	84,556.00	500,230.00	3,500,040.97
Disposal	0.00	0.00	-489,432.18	-656,480.72	0.00	0.00	-1,145,912.90
Inter-transaction transfer	0.00	-2,223,705.66	-5,621,799.36	0.00	41,350.51	-896,428.10	-8,700,582.61
As at December 31, 2018	15,246,218.50	82,737,772.40	1,044,787,205.54	17,652,631.74	4,126,173.51	88,655.00	1,197,385,709.45
Accumulated depreciation							
As at December 31, 2016	0.00	18,276,622.68	147,798,771.43	11,851,786.57	2,807,735.13	14,912,365.59	195,647,281.40
Depreciation for the year	0.00	4,616,237.49	58,207,448.05	2,070,065.91	663,960.19	2,847,754.02	68,405,465.66
Inter-transaction transfer	0.00	-1,945.36	1,945.36	0.00	0.00	0.00	0.00
Depreciation - write off	0.00	-17,655.84	0.00	-58,974.85	0.00	-6,365,151.86	-6,441,782.55
As at December 31, 2017	0.00	22,873,258.97	206,008,164.84	13,862,877.63	3,471,695.32	11,394,967.75	257,610,964.51
Depreciation for the year	0.00	4,645,037.06	58,091,300.23	1,884,099.76	473,352.03	2,531,647.51	67,625,436.59
Inter-transaction transfer	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Depreciation - write off	0.00	0.00	-94,725.23	-650,356.01	0.00	0.00	-745,081.24
As at December 31, 2018	0.00	27,518,296.03	264,004,739.84	15,096,621.38	3,945,047.35	13,926,615.26	324,491,319.86

13. PROPERTY, PLANT AND EQUIPMENT (Cont.)

	Land and improvement	Building and improvement	Machinery and equipment	Office furniture	Office fixture	Vehicles	Building under construction	Total
Provision for impairment of assets								
As at December 31, 2016	0.00	8,024,257.68	37,853,469.78	0.00	0.00	0.00	0.00	45,877,727.46
Increase	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
As at December 31, 2017	0.00	8,024,257.68	37,853,469.78	0.00	0.00	0.00	0.00	45,877,727.46
Increase	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
As at December 31, 2018	0.00	8,024,257.68	37,853,469.78	0.00	0.00	0.00	0.00	45,877,727.46
Net book value								
As at December 31, 2017	14,706,218.50	54,021,961.41	806,393,298.43	3,741,566.99	528,571.68	20,851,855.01	0.000	900,243,472.02
As at December 31, 2018	15,246,218.50	47,195,218.69	742,928,995.92	2,556,010.36	181,126.16	18,820,437.50	88,655.00	827,016,662.13

13.1 As at December 31, 2018 and 2017, fixed assets at cost of Baht 83.29 million and Baht 85.86 million in the consolidated and separate financial statements which improved and constructed on lease land (note 35.1)

13.2 As at December 31, 2018 and 2017, fixed assets at cost of Baht 228.44 million and Baht 235.08 million in the consolidated financial statements respectively, and Baht 15.94 million and Baht 19.39 million in the separate financial statements respectively which are being made payment under the lease agreement (note 22).

13.3 As at December 31, 2018 and 2017, fixed assets at cost of Baht 763.71 million and Baht 746.90 million in the consolidated financial statements respectively and Baht 293.56 million in the separate financial statements respectively, were used as collateral against bank overdrafts and short-term loan from financial institutions (note 17) and long-term loans (note 21).

13.4 As at December 31, 2018 and 2017, fixed assets (machinery & equipment) of a subsidiary at cost of Baht 205 million were secured as collateral for liabilities under financial lease agreement of Baht million (note 22).

14. GOODWILL

14.1 On January 21, 2015, a subsidiary company and seller entered into whole business transfer agreement. As a subsidiary has offered to purchase business of APC by having objective to acquire business transfer including total of assets, liabilities and employees under clause and condition as indicated in such agreement. On April 30, 2015, Such subsidiary acquired business transfer of such entity and made acquisition payment to the seller Baht 730 million which is proper price commented by independent financial advisor as following detail.

	Unit : Baht
Acquisition paid by cash	730,000,000.00
Fair value of net realizable assets	-460,195,205.79
Goodwill	<u>269,804,794.21</u>

14.2 The Subsidiary has considered the expected realizable value of unit of assets generating cash by estimating expected realizable future cash flow referenced by financial used estimate approved by Management. Such cash flow estimate has covered 10 years period.

14.3 Significant assumption used for calculation realizable value are as follows.

	Unit : (%)		
	2019	2020 - 2023	2024 - 2028
Growth rate	28	10	0
Discount rate	7.69	7.69	7.69

Management has considered growth rate from the past performance and market growth expectation and discount rate reflecting risks which is specialty relating to each sector.

14.4 Management has considered and believed that there is no impairment for indefinite useful live of goodwill.

15. OTHER INTANGIBLE ASSETS

Consolidated financial statements (Baht)			
	Customer relationship	Formulus	Total
Assets - Cost			
As at December 31, 2016	127,000,000.00	18,000,000.00	145,000,000.00
Increase	0.00	0.00	0.00
Decrease	0.00	0.00	0.00
As at December 31, 2017	127,000,000.00	18,000,000.00	145,000,000.00
Increase	0.00	0.00	0.00
Decrease	0.00	0.00	0.00
As at December 31, 2018	127,000,000.00	18,000,000.00	145,000,000.00
Accumulated amortization			
As at December 31, 2016	14,807,449.50	5,000,000.00	19,807,449.50
Amortization for the year	8,884,469.70	3,000,000.00	11,884,469.70
As at December 31, 2017	23,691,919.20	8,000,000.00	31,691,919.20
Amortization for the year	8,884,469.70	3,000,000.00	11,884,469.70
As at December 31, 2018	32,576,388.90	11,000,000.00	43,576,388.90
Net book value			
As at December 31, 2017	103,308,080.80	10,000,000.00	113,308,080.80
As at December 31, 2018	94,423,611.10	7,000,000.00	101,423,611.10

16. DEFERRED TAX ASSETS/LIABILITIES

Consolidated financial statements (Baht)							
	Recognize as (expenses) revenue				Recognize as (expenses) revenue		
As at	Profit	Other	As at	Profit	Other	As at	
December 31,	or loss	comprehensive	December 31,	or loss	comprehensive	December 31,	
2016		income	2017		income	2018	
<u>Deferred tax assets</u>							
Accounts Receivable (Allowance for doubtful)	0.00	0.00	0.00	0.00	169,778.00	0.00	169,778.00
Inventories (allowance for devaluation of finished goods)	374,887.13	-27,257.22	0.00	347,629.91	521,846.05	0.00	869,475.96
Fixed assets (provision for impairment of assets)	9,175,545.50	0.00	0.00	9,175,545.50	2,263,471.25	0.00	11,439,016.75
Employee benefit obligations	2,677,949.28	706,749.82	69,547.40	3,454,246.50	392,342.84	0.00	3,846,589.34
Subsidy income for recognize	2,450,207.55	-166,043.67	0.00	2,284,163.88	-166,043.66	0.00	2,118,120.22
Rental under operating lease ag	336,653.21	168,938.80	0.00	505,592.01	-505,592.01	0.00	0.00
Deficit from operations	21,254,406.56	-10,296,791.73	0.00	10,957,614.83	-2,607,899.40	0.00	8,349,715.43
Total	36,269,649.23	-9,614,404.00	69,547.40	26,724,792.63	67,903.07	0.00	26,792,695.70
<u>Deferred tax liabilities</u>							
Income tax from business acqui	-36,885,001.18	3,594,617.77	0.00	-33,290,383.41	3,662,396.71	0.00	-29,627,986.70
Financial lease liabilities	-23,738,288.05	-11,218,367.33	0.00	-34,956,655.38	914,093.11	0.00	-34,042,562.27
Total	-60,623,289.23	-7,623,749.56	0.00	-68,247,038.79	4,576,489.82	0.00	-63,670,548.97
Net	-24,353,640.00	-17,238,153.56	69,547.40	-41,522,246.16	4,644,392.89	0.00	-36,877,853.27
Separate financial statements (Baht)							
	Recognize as (expenses) revenue				Recognize as (expenses) revenue		
As at	Profit	Other	As at	Profit	Other	As at	
December 31,	or loss	comprehensive	December 31,	or loss	comprehensive	December 31,	
2016		income	2017		income	2018	
<u>Deferred tax assets</u>							
Inventories (allowance for devaluation of finished goods)	374,887.13	-27,257.22	0.00	347,629.91	121,689.38	0.00	469,319.29
Investment in subsidiary	0.00	0.00	0.00	0.00	3,628,666.55	0.00	3,628,666.55
Fixed assets (provision for impairment of assets)	9,175,545.50	0.00	0.00	9,175,545.50	0.00	0.00	9,175,545.50
Employee benefit obligations	2,362,681.30	482,715.00	280,256.00	3,125,652.30	321,149.64	0.00	3,446,801.94
Subsidy income for recognize	2,450,207.55	-166,043.67	0.00	2,284,163.88	-166,043.66	0.00	2,118,120.22
Rental under operating lease ag	336,653.21	168,938.80	0.00	505,592.01	-505,592.01	0.00	0.00
Deficit from operations	21,254,406.56	-15,919,551.35	0.00	5,334,855.21	-5,334,855.21	0.00	-0.00
Total	35,954,381.25	-15,461,198.44	280,256.00	20,773,438.81	-1,934,985.31	0.00	18,838,453.50
<u>Deferred tax liabilities</u>							
Financial lease liabilities	-23,738,288.05	-9,369,727.50	0.00	-33,108,015.55	2,430,468.15	0.00	-30,677,547.40
Net	12,216,093.20	-24,830,925.94	280,256.00	-12,334,576.74	495,482.84	0.00	-11,839,093.90

17. BANK OVERDRAFTS AND SHORT-TERM LOANS FROM FINANCIAL INSTITUTIONS

	Consolidated financial statements (Baht)		Separate financial statements (Baht)	
	2018	2017	2018	2017
Bank overdrafts	6,630,427.30	9,683,262.38	0.00	1,077.66
Short-term loans	57,400,000.00	116,100,000.00	0.00	86,000,000.00
Trust receipt payable	747,862,535.35	39,187,201.32	747,862,535.35	39,187,201.32
Total	811,892,962.65	164,970,463.70	747,862,535.35	125,188,278.98

17.1 As at December 31, 2018 and 2017, the Company has bank overdrafts credit line with three bank amount of Baht 45 million at the interest of MOR - 1.5% and MOR per annum.

17.2 As at December 31, 2018, the Company and subsidiaries have short-term loans from a financial institutions amount of Baht 57.40 million by issuing promissory note at the interest rate of MMR per annum and MLR-2% per annum due within January 2019 to April 2019 and as at December 31, 2017 the company have short-term loans from 3 financial institutions amount of Baht 116.10 million by issuing promissory note at the interest rate of MMR and MLR - 2% per annum due within January 2018 to July 2018.

17.3 As at December 31, 2018 and 2017, the Company has credit line for import goods from overseas with four banks amount of Baht 1,130 million and Baht 400 million, follows respectively, at the agreed interest rate as at the borrowing date.

17.4 As at December 31, 2018 and 2017, bank overdrafts and loan credit line of the Company and subsidiary are guaranteed by mortgaged land together with construction and machineries (Note 13) and UAC GLOBAL PUBLIC COMPANY LIMITED.

18. TRADE AND OTHER CURRENT PAYABLES

	Consolidated financial statements (Baht)		Separate financial statements (Baht)	
	2018	2017	2018	2017
Trade accounts payable	368,342,957.52	225,187,554.34	299,450,447.86	159,452,945.37
Other current payables				
Accrued expenses	26,049,990.17	22,791,963.86	15,105,059.20	13,970,808.97
Fixed assets acquisition payable	13,927,051.53	35,739,568.96	76,034.20	21,265.18
Others	100,083,217.55	12,336,504.67	95,568,208.29	9,109,480.77
Total	508,403,216.77	296,055,591.83	410,199,749.55	182,554,500.29

19. CURRENT PORTION OF LONG-TERM DEBTS

	Consolidated financial statements (Baht)		Separate financial statements (Baht)	
	2018	2017	2018	2017
Long-term loan	159,071,447.76	123,778,527.16	113,982,797.80	34,231,501.54
Financial lease liabilities	23,466,780.76	23,856,574.99	2,571,737.49	2,801,415.01
Total	182,538,228.52	147,635,102.15	116,554,535.29	37,032,916.55



20. DEBENTURES

On June 12, 2018, the Company has issued specific name, unsubordinated, unsecured and non-debentureholder representative for 400,000 shares of Baht 1,000 each in the amount of Baht 400 million. Debentures have interest rate of 5.50% per annum and the period of 2 years of which the redemption will be matured on June 12, 2020.

On May 26, 2016, the Company has issued specific name, unsubordinated, unsecured and non-debentureholder representative for 500,000 shares of Baht 1,000 each in the amount of Baht 500 million. Debentures have interest rate of 5.30% per annum and the period of 1 year 11 months 29 days of which the redemption was matured on May 25, 2018.

21. LONG-TERM LOANS

	Consolidated financial statements (Baht)		Separate financial statements (Baht)	
	2018	2017	2018	2017
Loans from bank	665,667,278.46	549,572,689.62	285,145,016.18	79,498,376.54
Less Current portion of long-term loans	-159,071,447.76	-123,778,527.16	-113,982,797.80	-34,231,501.54
Net	506,595,830.70	425,794,162.46	171,162,218.38	45,266,875.00

The Company and subsidiaries have long-term loans from bank as follows :

Parent company

1. The first loan agreement in the amount of Baht 19.51 million, the principal is repayable on a monthly basis through 81 installments of Baht 0.24 million each (graced 3 months for principal repayment), commenced in September 2012. The interest is payable on a monthly basis at the rate of MLR - 2.75% per annum. During 2018, the Company made principal repayment before contract maturity Baht 1.21 million.
2. The second loan agreement in the amount of Baht 32.60 million, the principal is repayable on a monthly basis through 81 installments of Baht 0.40 million each (graced 3 months for principal repayment), commenced in October 2012. The interest is payable on a monthly basis at the rate of 3% per annum. During 2018, the Company made principal repayment before contract maturity Baht 2.41 million.
3. The third loan agreement in the amount of Baht 111.96 million, the principal is repayable on a monthly basis through 48 installments of Baht 2.38 million each (graced 12 months for principal repayment), commenced in June 2014. The interest is payable on a monthly basis at the rate of MLR - 1.75% per annum.
4. The fourth loan agreement in the amount of Baht 100 million, the principal is repayable on a monthly basis through 72 installments of Baht 1.39 million each (graced 12 months for principal repayment), (1st year) and at the rate of MLR - 1% per annum (2nd year onwards). During 2018, the Company made principal repayment before contract maturity Baht 41.70 million.
5. The fifth loan On May 18, 2018, the Company entered into leasing agreement (long-term loan) with a company with credit facilities Baht 350 million by making principal together with interest 36 installments Baht 10.37 million each installment maturity in April 2021 bearing interest rate as mutually agreed as at borrowing date. On August 3, 2018 the company has cancelled such leasing agreement due to sale and contract made not conformity with agreement.

21. LONG-TERM LOANS (Cont.)

6. The sixth loan On August 29, 2018, the Company has entered into loan agreement from a bank Baht 322 million for making liabilities under financial lease repayment (long-term loan). Such loan will be paid by principal and interest 33 installments Baht 10.37 million each maturity in June 2021 bearing interest rate MLR – 1.75% per annum.

Such loan are agreement 1-4 by machinery and equipment and assets under construction (note 13), Part of leasehold right (note 35.1) and the Company must comply with significant conditions in loans agreement about 1) the Company should not get into any obligations, debts or responsibility from borrowings or guarantees any persons which resulted to Debt to Equity Ratio exceeds 2 : 1, and 2) the Company will preserve Debt Service Coverage Ratio not less than 2 times (not less than 1.2 items for the third and fourth loans agreement).

For loan are agreement 5-6 by fixed deposit as stated in note 9 and pledged machineries as stated in note 13. Moreover, long-term loan agreement has been defined rule and regulations including maintaining Funded Debt/ EBITDA as follows.

1. In 2018: Ratio not exceeding 4.50
2. In 2019: Ratio not exceeding 3.50
3. In 2020: onwards: Ratio exceeding 2.50

Subsidiaries

- 1) On April 28, 2015, a subsidiary has obtained loans from a bank amount of Baht 450 million for using in acquisition of business. The principle is repayable on a monthly basis through 84 installments of Baht 6.53 million each, the 84th installment will be made by the remaining principle and interest. The repayment is commenced in May 2015. The interest is payable on a monthly basis at the rate of MLR-1.25 per annum.

On March 6, 2017, a subsidiary has obtained loan from a bank amount of Baht 100 million for making payment for factory construction. The principle is repayable on a monthly basis through 84 installments of Baht 1.62 million each, the 84th installment will be made by the remaining principle and interest (Principle grace period 12 months). The repayment is commenced in April 2018. The interest is repayable on monthly basis at the interest rate MLR-1.25 per annum.

On September 4, 2017, a subsidiary has obtained loan from a bank amount of Baht 40 million for making payment for factory construction. The principle is repayable on a monthly basis through 84 installments of Baht 0.60 million each, the 84th installment will be made by the remaining principle and interest (Principle grace period 7 months). The repayment is commenced in March 2018. The interest is repayable on monthly basis at the interest rate MLR - 1.25 per annum.

Such loans are guaranteed by mortgaged land together with construction and machineries (note 13) and common share of a subsidiary and UAC Global Public Company Limited. Such subsidiary must comply with the significant condition in loan agreement about 1) subsidiary will preserve Debt to Equity Ratio not exceed 2:1 and 2) subsidiary will preserve Debt Service Coverage Ratio not less than 1.25 : 1.

22. FINANCIAL LEASE LIABILITIES (Cont.)

22.2 The increase and decrease of financial lease liabilities for the year ended December 31, 2018 are as follows :

	Consolidated financial statements (Baht)	Separate financial statements (Baht)
Book value as at January 1, 2018	84,126,097.61	9,529,100.41
Additional during the year	0.00	0.00
Repayment during the year	-24,018,653.79	-2,801,414.95
Book value as at December 31, 2018	60,107,443.82	6,727,685.46

22.3 The Company and subsidiaries have fixed assets at cost under financial lease liabilities as follows :

	Consolidated financial statements (Baht)		Separate financial statements (Baht)	
	2018	2017	2018	2017
Machinery and equipment	201,793,599.93	203,644,067.22	0.00	1,850,467.29
Vehicle	26,645,056.41	31,440,589.12	15,939,748.00	17,536,280.71
Total	228,438,656.34	235,084,656.34	15,939,748.00	19,386,748.00

22.4 The minimum to be paid under financial lease as follows :

	Consolidated financial statements (Baht)		Separate financial statements (Baht)	
	2018	2017	2018	2017
Within 1 year	25,615,593.92	27,128,127.81	2,674,586.04	2,978,800.04
Over 1 year not over 3 years	38,123,747.64	50,482,159.55	4,193,205.60	5,686,297.64
Over 3 year not over 5 years	0.00	13,535,997.00	0.00	1,181,494.00
Total	63,739,341.56	91,146,284.36	6,867,791.64	9,846,591.68
Less Future interest of				
financial lease	-3,631,897.74	-7,020,186.75	-140,106.18	-317,491.27
Present value of financial				
lease liabilities	60,107,443.82	84,126,097.61	6,727,685.46	9,529,100.41

23. NON-CURRENT PROVISIONS FOR EMPLOYEE BENEFIT

The Company and subsidiaries had employee benefit obligation based on the requirement of Thai Labour Protection Act B.E. 2541 to provide retirement benefits to employees based on pensionable remuneration and length of service, and long-term service awards.

The defined benefit plan expose the Company and subsidiaries to actuarial risks, such as longevity risk, currency risk, interest rate risk and market (investment) risk.

23. NON-CURRENT PROVISIONS FOR EMPLOYEE BENEFIT (Cont.)

Obligations in statement of financial position are as follows :

	Consolidated financial statements (Baht)		Separate financial statements (Baht)	
	2018	2017	2018	2017
Present value of obligations	19,381,544.70	17,382,403.50	17,234,009.70	15,628,261.50
Less Current provision for employee b	(6,031,238.00)	(2,481,550.00)	(6,031,238.00)	(2,481,550.00)
Net	<u>13,350,306.70</u>	<u>14,900,853.50</u>	<u>11,202,771.70</u>	<u>13,146,711.50</u>

Movement in the present value of the non-current provisions for employee benefit.

	Consolidated financial statements (Baht)		Separate financial statements (Baht)	
	2018	2017	2018	2017
Beginning balance	17,382,403.50	13,744,797.50	15,628,261.50	11,813,406.50
Current cost of service				
and interest	2,716,611.00	3,769,792.00	1,958,240.00	2,443,535.00
Benefits paid	(717,469.80)	(29,960.00)	(352,491.80)	(29,960.00)
Actuarial gain recognized in				
other comprehensive	0.00	(102,226.00)	0.00	1,401,280.00
Ending balance	<u>19,381,544.70</u>	<u>17,382,403.50</u>	<u>17,234,009.70</u>	<u>15,628,261.50</u>

Expenses recognized in profit or loss

	Consolidated financial statements (Baht)		Separate financial statements (Baht)	
	2018	2017	2018	2017
Current cost of service	2,337,360.03	3,279,634.00	1,615,640.00	2,025,214.00
Interest on obligations	379,250.97	490,158.00	342,600.00	418,321.00
Total	<u>2,716,611.00</u>	<u>3,769,792.00</u>	<u>1,958,240.00</u>	<u>2,443,535.00</u>

23. NON-CURRENT PROVISIONS FOR EMPLOYEE BENEFIT (Cont.)

The Company and subsidiaries recognized expenses in the following items in the statement of comprehensive income.

	Consolidated financial statements (Baht)		Separate financial statements (Baht)	
	2018	2017	2018	2017
Administrative expenses	2,716,611.00	3,769,792.00	1,958,240.00	2,443,535.00

Principal actuarial assumptions at the reporting date (expressed as weighted averages) :

	Consolidated financial statements (%)		Separate financial statements (%)	
	2018	2017	2018	2017
Discount rate	2.20 - 3.13	2.05 - 3.14	2.20, 2.41	2.16, 2.19
Future salary increase	5.00	5.00	5.00	5.00

Assumptions regarding future mortality are based on published statistics and Thailand Mortality Ordinary Life table 2017 ("TMO2017").

As stated in notes 4.13.2 to financial statements, the Company and subsidiaries shall record the effects of new Labour Protection Act when it is announced in the Government Gazette. The Company and subsidiaries expect that the additional employee benefits to be paid amount of Baht 3.82 million for consolidated financial statements (amount of Baht 3.74 million in separate financial statement.)

Sensitivity analysis

Reasonably possible changes at the reporting date to one of the relevant actuarial assumptions, holding other assumptions constant, would have affected the defined benefit obligation. Management has assessed and deemed that such sensitivity have no material impacts on the financial statements of the Company and subsidiaries.

	Consolidated financial statements (Baht)		Separate financial statements (Baht)	
	Increase	Decrease	Increase	Decrease
Defined benefit obligations				
As at December 31, 2018				
Discount rate (0.5% movement)	-745,631.00	798,179.00	-650,898.00	697,057.00
Future salary growth				
(0.5% movement)	800,425.00	-753,585.00	701,457.00	-660,122.00
Resignation rate (0.5% movement)	-318,897.00	357,548.00	-251,188.00	277,708.00

Although the analysis does not take account of the full distribution of cash flows expected under the plan, it does provide an approximation of the sensitivity of the assumption shown.

24. SHARE CAPITAL

24.1 The increase and decrease of share capital for the year ended December 31, 2018 are summarized as follow:

	Authorized share capital		Issued and paid-up share capital	
	Number of shares	Amount (Baht)	Number of shares	Amount (Baht)
Balance as at January 1, 2018	867,885,301	433,942,650.50	667,605,301	333,802,650.50
Increase of share capital	66,761,000	33,380,500.00	0.00	0.00
Decrease of share capital	-200,280,000	-100,140,000.00	0.00	0.00
Balance as at December 31, 2018	734,366,301	367,183,150.50	667,605,301	333,802,650.50

24.2 The increase and decrease of warrant for purchasing common share of the company (UAC-W2) for year ended December 31, 2018 are summarized as follows.

	Unit
Balance as at January 1, 2018	0
Warrant issuance	66,759,974
Warrant exercise	0
Balance as at December 31, 2018	66,759,974

24.3 According to the ordinary shareholder meeting of the year 2018 held on April 4, 2018, the meeting passed following resolutions.

1. To pay dividend to shareholders Baht 0.12 per share for 667,605,301 shares total Baht 80.11 million and set aside legal reserve 5% of net profit from period of December 31, 2017 Baht 7.05 million. Dividend was be paid on April 20, 2018.
2. To decrease the Company's share capital from Baht 433,942,650.50 to Baht 333,802,650.50 by cutting remaining common share from increasing registered share capital (General Mandate) amount of 200,280,000 shares at par value of baht 0.50 each and revised in Memorandum of Association No.4 registered share capital of the Company in accordance with decreasing in registered share capital.
3. To issue and offer warrant of the Company No.2 (UAC-W2) amount not exceeding 66,761,000 units to existing shareholders with no offering price by 10 existing shares for exercise 1 unit of warrant. (In the case there is fraction of warrant, fraction will be disregarded).
4. To increase its register share capital by specifying the purpose of utilizing proceeds by issuing new 66,761,000 common shares at par Baht 0.50 per share for exercise (UAC-W2)



24.4 According to the Board of the director meeting no.5/2018, held on May 11, 2018, the meeting passed resolution to issue and offer warrant for purchasing common share no.2 (UAC-W2) amount 66,761,000 units to existing shareholders listed as at record date on July 2, 2018, with value at the no exercise ratio 1 unit of warrant per 1 common share at the price Baht 5.55 each by defining exercise right within 2 years from the warrant issued date on the last working day of each quarter. The allotted warrant for purchasing common share no.2 (UAC - W2) on July 2, 2018 are 66,759,974 units.

24.5 According to the Director meeting no. 7/2018 held on September 7, 2018, the meeting passed resolution to pay interim dividend from retained earnings to shareholders Baht 0.10 per share for 667,605,301 shares total amount of Baht 66.76 million. Dividend was paid on October 9, 2018.

24.6 According to the Extraordinary General Meeting of shareholders No.1/2017 of UAC Utilities Co., Ltd. a subsidiary, held on April 24, 2017, passed a resolution to increase its registered share capital from Baht 10,000,000.00 to Baht 30,000,000.00 by issuing ordinary share 200,000 shares at par value of Baht 100.00 per share. Such Company already registered to increase its share capital at Department of Business Development, Ministry of Commerce on May 8, 2017.

24.7 According to the Extraordinary General Meeting of shareholders No.1/2017 of UAC Energy Co., Ltd. a subsidiary, held on April 24, 2017, passed a resolution to increase its registered share capital from Baht 95,000,000.00 to Baht 200,000,000.00 by issuing ordinary share 1,050,000 shares at par value of Baht 100.00 per share. Such Company already registered to increase its share capital at Department of Business Development, Ministry of Commerce on May 8, 2017.

25. LEGAL RESERVE

According to the Public Company Act, the Company has to appropriate its reserve as a legal reserve net less than 5% of the annual net profit after deduction with deficit brought forward (if any) until the reserve not less than 10% of the authorized share capital. The reserve is not available for dividend distribution.

26. RETAINED EARNINGS APPROPRIATION

26.1 According to the minutes of Annual General Meeting for the year 2018 held on April 4, 2018, passed the resolution to pay dividend to the shareholders at Baht 0.12 per share for 667.61 million shares, total amount of Baht 80.11 million and legal reserve is set aside 5% of net profit of the year 2017 results of operation amount of Baht 7.05 million. The dividend was paid on April 20, 2018.

26.2 According to the minutes of Director Meeting No.7/2018 held on September 7, 2018, passed the resolution to pay dividend to the shareholders at Baht 0.10 per share for 667.61 million shares, total amount of Baht 66.76 million. The dividend was paid on October 9, 2018.

26.3 According to the minutes of Annual General Meeting for the year 2017 held on April 20, 2017, passed the resolution to pay dividend to the shareholders at Baht 0.05 per share for 667.61 million shares, total amount of Baht 33.38 million and legal reserve is provided from the 2016 results of operation amount of Baht 0.34 million. The dividend was paid on April 24, 2017.

27.3 Reconciliation for effective income tax rate

	Consolidated financial statements (Baht)		Separate financial statements (Baht)	
	2018	2017	2018	2017
Profit before income tax	158,752,439.36	119,536,177.94	149,052,436.83	165,915,165.21
Income tax rate (%)	20	20	20	20
Income tax	31,750,487.87	23,907,235.60	29,810,487.37	33,183,033.04
Prohibited taxable expenses	3,400,298.95	3,654,986.63	885,968.96	1,028,292.21
Additional taxable expenses	-328,418.68	-571,472.21	-303,876.23	-378,050.63
Income tax overpaid	0.00	0.00	0.00	0.00
Additional taxable income	0.00	0.00	0.00	0.00
Tax exception revenue	0.00	0.00	-4,813,638.60	-9,002,348.68
Gain (loss) on promoted activity	-1,375,966.61	-744,126.95	0.00	0.00
Share of profit of investment				
in associates	-11,825,306.70	-1,878,246.50	0.00	0.00
Effects from elimination with subsidiaries	624,046.40	0.00	0.00	0.00
Income tax expense (revenue)				
presented in the statement of comprehensive income	22,245,141.23	24,368,376.57	25,578,941.50	24,830,925.94
Effective income tax rate (%)	14	20	17	15

28. EARNINGS (LOSS) PER SHARE

28.1 Basic earnings per share is determined by dividing the net profit (loss) for the year by the weighted average number of common shares issued as follow :

	Consolidated financial statements		Separate financial statements	
	Earnings per share (Baht)	Number of shares	Earnings per share (Baht)	Number of shares
2018	0.21	667,605,301	0.18	667,605,301
2017	0.15	667,605,301	0.21	667,605,301

29. TRANSACTION WITH RELATED PERSONS AND PARTIES

The Company's assets, liabilities, revenues and expenses arose from the transaction with related persons and parties.

Those transactions are determined on the basis of the company concerned and in the normal course of business.

29.1 General information

<u>Name/Related persons and parties</u>	<u>Relationship</u>	<u>Description</u>	<u>Pricing policy</u>
<u>Persons</u>			
Miss Chawisa Jivacate	Intimates of director	Warehouse rental	Baht 0.14 million/month
Miss Nilrat Jarumanopas	Director	Lending	Bearing no interest
Mr. Bowon Vongsinudom	Director's subsidiary	Lending	At the interest rate of MLR-0.75% per annum
<u>Subsidiaries</u>			
UAC Utilities Co., Ltd.	Subsidiary	Lending	At the interest rate of 5.5% per annum
UAC & TPT Energy Co., Ltd.	Subsidiary	Other income	Baht 0.03 million/month
		Lending	At the interest rate of MLR-0.75% per annum MLR-2% per annum
UAC Energy Co., Ltd.	Subsidiary	Sales	Market price
		Other income	Baht 0.03 - 0.04 million/month
		Lending	At the interest rate of MLR - 0.75% per annum MLR-1% per annum, MLR-2% per annum
UAC Advance Polymer & Chemicals Co., Ltd.	Subsidiary	Other expenses	Actual Cost
		Acquire of goods	Market price
		Lending	At the interest rate of MLR - 0.75% per annum MLR-2% per annum
<u>Subsidiaries of UAC Energy Co., Ltd.</u>			
Solar Energy Roof Power Co., Ltd.	Subsidiary	Other income	Baht 0.01 - 0.02 million/month
		Lending	At the interest rate of MLR - 0.75% per annum
UAC TOP Energy Co., Ltd	Subsidiary	Other income	As agreed price
		Lending	At the interest rate of MLR - 0.75% per annum

29. TRANSACTION WITH RELATED PERSONS AND PARTIES (Cont.)

<u>Name/Related persons and parties</u>	<u>Relationship</u>	<u>Description</u>	<u>Pricing policy</u>
<u>Associates</u>			
Bangchak Biofuel Co., Ltd.	Associated company and common	Sales	Market price
	director	Acquire of goods	Market price
Sebigas UAC Co., Ltd.	Associated company and common	Other income	Baht 0.02 - 0.11
	director		million/month
		Acquire of goods	Market price
		Contractor wage	As agreed price
PPWE Co., Ltd.	Associated company and common	Lending	At the interest rate of
	director		5.5% per annum
Enerray UAC (Thailand) Co., Ltd.	Associated company and common	Lending	At the interest rate of
	director		5.5% per annum
		Other income	Baht 0.02 million per month
		Contractor wage	As agreed price
<u>Other related parties</u>			
TPT Thepprathanporn Co., Ltd.	Common shareholder and subsidiary's	Borrowing	At the interest rate of
	director		MLR-0.75% per annum
			MLR-2% per annum
Teppratanporn Watsadupan	Common shareholder and subsidiary's	Materials expenses	Market price
Partnership Limited	director		
Pakdeepaendin Khonkaen	Common shareholder and subsidiary's	Materials expenses	Market price
Partnership Limited	director		
Mahathaewaprom Thepprathanporn	Common shareholder and subsidiary's	Other expenses	As agreed price
Concrete Ltd. Part.	director		
K & N Commercial Co., Ltd.	Intimates of director	Acquire of goods	Market price
PPJ Co., Ltd.	Intimates of director	Other expenses	Market price
Suntornwipart Green Energy Co.,Ltd.	Subidiary's director	Other expenses	As agreed price

29.2 Assets and liabilities transaction with related persons and parties consist of :

	Consolidated financial statements (Baht)		Separate financial statements (Baht)	
	2018	2017	2018	2017
Trade and other current receivables				
UAC & TPT Energy Co., Ltd.	0.00	0.00	9,770,151.00	8,926,815.00
UAC Energy Co., Ltd.	0.00	0.00	18,063,634.66	6,290,785.07
Solar Energy Roof Power Co., Ltd.	0.00	0.00	488,782.00	272,975.00
UAC Advance Polymer and Chemical Co., Ltd.	0.00	0.00	419,822.00	0.00
UAC Top Energy Co., Ltd.	0.00	0.00	841,550.00	0.00
Sebigas UAC Co., Ltd.	540,000.00	269,640.00	540,000.00	269,640.00
PPWE Co., Ltd.	156,109.59	1,329,191.22	0.00	0.00
Enerray UAC (Thailand) Co., Ltd.	217,761.06	24,569.33	120,000.00	0.00
Total	913,870.65	1,623,400.55	30,243,939.66	15,760,215.07
Prepayment for goods acquisition				
Sebigas UAC Co., Ltd.	0.00	281,529.17	0.00	281,529.17
Short-term loans				
UAC & TPT Energy Co., Ltd.	0.00	0.00	97,500,000.00	93,000,000.00
UAC Energy Co., Ltd.	0.00	0.00	56,000,000.00	45,000,000.00
Solar Energy Roof Power Co., Ltd.	0.00	0.00	6,000,000.00	5,500,000.00
UAC Advance Polymer & Chemicals Co., Ltd.	0.00	0.00	92,000,000.00	30,000,000.00
UAC Top Energy Co., Ltd.	0.00	0.00	12,700,000.00	0.00
PPWE Co., Ltd.	14,000,000.00	17,000,000.00	0.00	0.00
Enerray UAC (Thailand) Co., Ltd.	1,667,000.00	1,667,000.00	0.00	0.00
Total	15,667,000.00	18,667,000.00	264,200,000.00	173,500,000.00

Increase and decrease for the year ended December 31, 2018 as follows :

	Consolidated financial statements (Baht)	Separate financial statements (Baht)
Beginning balance	18,667,000.00	173,500,000.00
Additional loans during the year	0.00	90,700,000.00
Repayment during the year	(3,000,000.00)	0.00
Ending balance	15,667,000.00	264,200,000.00

29.2 Assets and liabilities transaction with related persons and parties consist of (Cont.) :

	Consolidated financial statements (Baht)		Separate financial statements (Baht)	
	2018	2017	2018	2017
Trade and other current payables				
Bangchak Biofuel Co., Ltd.	2,289,423.36	3,645,820.43	2,289,423.36	3,645,820.43
Sebigas UAC Co., Ltd.	8,562,578.96	8,562,578.96	0.00	0.00
Enerray UAC (Thailand) Co., Ltd.	2,917,807.20	3,126,222.00	0.00	0.00
TPT Thepprathanporn Co., Ltd.	8,591,317.00	7,469,655.00	0.00	0.00
PPJ Co., Ltd.	1,200.00	29,300.00	1,200.00	29,300.00
Mahathaewaprom Thepprathampon				
Concrete Ltd. Part.	13,624.99	0.00	0.00	0.00
K & N Commercial Co., Ltd.	162,223.00	53,623.00	20,330.00	0.00
Mister Bowon Vongsinudom	8,438.36	0.00	0.00	0.00
Total	<u>22,546,612.87</u>	<u>22,887,199.39</u>	<u>2,310,953.36</u>	<u>3,675,120.43</u>
Short-term loans				
TPT Thepprathanporn Co., Ltd.	96,500,000.00	90,000,000.00	0.00	0.00
Miss Nilrat Jarumanopas	0.00	400,000.00	0.00	0.00
Mr. Bowon Vongsinudom	<u>7,000,000.00</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>
Total	<u>103,500,000.00</u>	<u>90,400,000.00</u>	<u>0.00</u>	<u>0.00</u>

Increase and decrease for the year ended December 31, 2018 as follows :

	Consolidated financial statements (Baht)
Beginning balance	90,400,000.00
Additional loans during the year	13,500,000.00
Repayment loan during the year	<u>(400,000.00)</u>
Ending balance	<u>103,500,000.00</u>

are as follows :

	Consolidated financial statements (Baht)		Separate financial statements (Baht)	
	2018	2017	2018	2017
Sale				
UAC Energy Co., Ltd.	0.00	0.00	30,851,632.72	16,599,227.77
Bangchak Biofuel Co., Ltd.	691,360.00	860,000.00	691,360.00	860,000.00
Total	691,360.00	860,000.00	31,542,992.72	17,459,227.77
Other income				
UAC Utilities Co., Ltd.	0.00	0.00	0.00	370,685.00
UAC & TPT Energy Co., Ltd.	0.00	0.00	4,422,825.00	4,091,811.00
UAC Energy Co., Ltd.	0.00	0.00	2,671,480.00	2,658,333.00
Solar Energy Roof Power Co., Ltd.	0.00	0.00	370,944.00	352,449.00
UAC Advance Polymer & Chemicals Co., Ltd.	0.00	0.00	2,618,659.00	310,891.00
UAC Top Energy Co., Ltd.	0.00	0.00	841,550.00	0.00
Sebigas UAC Co., Ltd.	933,053.99	262,382.19	933,053.99	252,000.00
PPWE Co., Ltd.	901,547.96	940,123.22	0.00	0.00
Enerray UAC (Thailand) Co., Ltd.	211,684.99	310,377.54	120,000.00	240,000.00
Total	2,046,286.94	1,512,882.95	11,978,511.99	8,276,169.00
Cost of sales and services				
1) Acquire of goods				
UAC Advance Polymer & Chemicals Co., Ltd.	0.00	0.00	367,600.00	119,800.00
Bangchak Biofuel Co., Ltd.	45,003,024.97	54,167,412.46	45,003,024.97	54,167,412.46
2) Contractor wage				
Sebigas UAC Co., Ltd.	0.00	1,730,040.04	0.00	1,730,040.04
Enerray UAC (Thailand) Co., Ltd.	0.00	377,127.50	0.00	0.00
3) Manufacturing overhead				
Sebigas UAC Co., Ltd.	973,651.69	0.00	973,651.69	0.00
K & N Commercial Co., Ltd.	38,600.00	88,056.00	0.00	0.00
Total	46,015,276.66	56,362,636.00	46,344,276.66	56,017,252.50

29.3 Revenues and expenses transaction with related persons and parties for the year ended December 31, 2018 and 2017

are as follows : (Cont.)

	Consolidated financial statements (Baht)		Separate financial statements (Baht)	
	2018	2017	2018	2017
Administrative expenses				
Miss Chawisa Jivacate	1,667,368.44	1,667,368.44	1,667,368.44	1,667,368.44
Pakedeepaendin Khonkaen Partnership Limited	11,640.00	0.00	0.00	0.00
Mahathaewaprom Theprathampon				
Concrete Ltd. Part.	40,396.96	0.00	0.00	0.00
K & N Commercial Co., Ltd.	216,000.00	80,650.00	86,500.00	80,650.00
PPJ Co., Ltd.	66,000.00	74,900.00	66,000.00	74,900.00
Suntornwipart Green Energy Co., Ltd.	376,200.00	0.00	0.00	0.00
Total	<u>2,377,605.40</u>	<u>1,822,918.44</u>	<u>1,819,868.44</u>	<u>1,822,918.44</u>
Finance costs - interest expenses				
TPT Theprathanporn Co., Ltd.	970,863.00	3,682,479.00	0.00	0.00
Mr. Bowon Vongsinudom	8,438.36	0.00	0.00	0.00
Total	<u>979,301.36</u>	<u>3,682,479.00</u>	<u>0.00</u>	<u>0.00</u>

29.4 Other transaction with related persons and parties for the year ended December 31, 2018 and 2017 are as follows :

	Consolidated financial statements (Baht)		Separate financial statements (Baht)	
	2018	2017	2018	2017
Fixed assets				
Sebigas UAC Co., Ltd.	0.00	1,446,178.67	0.00	0.00
Enerray UAC (Thailand) Co., Ltd.	17,715,258.00	3,126,222.00	0.00	0.00
TPT Theprathanporn Co., Ltd.	3,073,062.00	0.00	0.00	0.00
Total	<u>20,788,320.00</u>	<u>4,572,400.67</u>	<u>0.00</u>	<u>0.00</u>

30. DIRECTORS REMUNERATION

Directors' remuneration is the benefits being paid to the Company's directors in accordance with Section 90 of the Public Limited Companies Act, exclusive salaries and related benefits payable to the executive.

31. MANAGEMENT BENEFIT EXPENSES

The Company paid salaries, remunerations and other benefits to their directors and management, in accordance with the definitions of the Office of the Securities and Exchange Commission. Management under definition includes a chief executive officer the next four executive levels immediately after the chief executive officer and all persons in positions equivalent to these fourth executive levels.

32. EXPENSES BY NATURE

The significant expenses by nature for the year ended December 31, 2018 and 2017 are as follows :

	Consolidated financial statements (Baht)		Separate financial statements (Baht)	
	2018	2017	2018	2017
Work performed by the entity and capitalized as capital expenditure	0.00	(2,022,714.00)	0.00	0.00
Changes in inventories	5,024,810.47	26,350,071.32	8,153,435.90	24,397,339.11
Raw materials and consumables used	283,650,536.98	255,024,072.29	73,754,604.28	57,805,724.38
Employees benefit expenses	116,628,656.67	113,768,839.25	77,053,465.18	70,480,133.37
Depreciation	107,128,811.36	98,720,584.29	67,625,436.59	68,405,465.66
Amortization Intangible asset	11,884,469.70	11,884,469.70	0.00	0.00
Loss from impairment of assets	11,317,356.27	0.00	0.00	0.00
Commission for sale of goods	5,443,855.63	4,019,581.00	4,981,994.00	4,019,581.00
Directors' remuneration	4,440,000.00	4,320,000.00	3,000,000.00	2,820,000.00
Management benefit expenses	23,945,353.40	21,081,143.30	21,826,257.40	17,394,993.30

33. OPERATING SEGMENTS

33.1 Operating segment information is reported in a manner consistent with the internal reports of the Company of that are regularly reviewed by the chief operating decision maker in order to make decision about the allocation of resources to the segment and assessing its performance. The chief operating decision maker of the Company has been identified as President of executive directors.

33.2 The Company and subsidiaries' operation involve in significant segment as follows:

Parent company

- Business segment are 1) import and distribute of chemical and equipment for using industry, 2) provide the consultant and advising for the marketing of any products and services, 3) production and distribution of biogas, 4) hire of construction of machines and equipment used in various industries, and 5) production and distribution of petroleum products
- Geographical segment involve in both domestic and overseas.

Subsidiaries

- Business segment are 1) hire of water production and distribution for using in industry and consumption purpose including distribution and installation the related equipment, 2) generate of biogas for using in electricity generating, transportation and other industries (there is no income), 3) generate and distribute of electricity current and alternative energy, 4) manufacture and distribute of fuel briquette (there is no income) and 5) manufacture and distribute of chemicals used in general industry.
- Geographical segment involve in both domestic and overseas.

- 41 -

33.3 Operating segment information in the consolidated financial statements for the year ended December 31, 2018 and 2017 are as follows:

	Domestic										Overseas						Total	
	Sales		Chemicals products		Petroleum chemicals		Others		Total		Sales		Project advisory		Total			
	2018	2017	2018	2017	2018	2017	2018	2017	2018	2017	2018	2017	2018	2017				
Segment revenues	1,932.84	929.69	289.63	295.64	122.41	158.95	117.96	87.41	2,462.84	1,471.69	67.63	71.19	22.42	83.99	90.05	155.18	2,552.89	1,626.87
Segment cost	(1,650.02)	-737.90	(238.29)	-223.86	(166.42)	-174.25	(88.32)	-77.43	-2,143.05	-1,213.44	-60.47	-59.58	0.00	0.00	-60.47	-59.58	-2,203.52	(1,273.02)
Segment profit (loss)	282.82	191.79	51.34	71.78	-44.01	(15.30)	29.64	9.98	319.79	258.25	7.16	11.61	22.42	83.99	29.58	95.60	349.37	353.85

Most of cost of project advisory is expense of the management which could not properly allocated and the value is immaterial, then, the segment cost of project advisory was not presented.

34. DISCLOSURE AND PRESENTATION OF FINANCIAL INSTRUMENTS

34.1 Accounting policy

The significant accounting policies and method adopted including the basis of recognition and measurement relating to each class of financial assets and liabilities have been disclosed in notes to financial statements no. 4.11.

34.2 Credit risk

Credit risk derives from failure by counterparties to discharge their obligations resulting in financial loss to the Company and subsidiaries. The Company and subsidiaries have policy to hedge this credit risk by reviewing the financial status of customers. Financial assets shown in statements of financial position at the book value deducted by allowance for doubtful accounts is maximum value of credit risk.

34.3 Interest rate risk

Interest rate risk from changes in market interest rate will affect the results of the Company and subsidiaries operations and cash flows. The Company and subsidiaries exposed the interest rate risk to its cash equivalents, pledged fixed deposit, bank overdrafts and short-term loans from financial institution, long-term loans and financial lease liabilities. The Company and subsidiaries do not use derivative financial instruments to hedge such risk.

34.4 Exchange rate risk

The Company and subsidiaries exposed to exchange rate risk due to their purchasing and selling denominated in foreign currencies which were entered into forward contract against exchange rate risk hedging. The contract year is not exceeded 1 year.

The Company and subsidiaries has financial assets and liabilities denominated in foreign currency as follows :

	Consolidated financial statements		Separate financial statements	
	2018	2017	2018	2017
Financial assets				
Deposit account in				
US Dollar	80,963.38	80,053.72	80,963.38	80,053.72
Trade accounts receivable				
in US Dollar	128,404.00	95,876.45	0.00	72,196.45
Other receivables in				
US Dollar	111,171.28	61,690.00	111,171.28	61,690.00

34.4 Exchange rate risk (Cont.)

	Consolidated financial statements		Separate financial statements	
	2018	2017	2018	2017
Financial liabilities				
Trust receipt payable in				
US Dollar	22,106,378.25	1,193,014.97	22,106,378.25	1,193,014.97
Trade accounts payable				
in US Dollar	8,250,147.00	3,679,025.96	8,025,217.10	3,493,764.96
Trade accounts payable				
in EURO	22,299.00	3,012.75	22,299.00	3,012.75
Other accounts payable				
in US Dollar	5,000.00	0.00	0.00	0.00

34.5 The Company and subsidiaries has remaining forward contract as follows :

	Consolidated financial statements			
	Exchange rate per Baht			
	2018	2017	2018	2017
US Dollar	31.80 - 33.12	32.45 - 33.4492	5,852,670.42	4,250,509.44
EURO	37.25 - 37.26	0.00	22,299.00	0.00
	Separate financial statements			
	Exchange rate per Baht			
	2018	2017	2018	2017
US Dollar	31.80 - 33.12	32.45 - 33.4492	5,634,154.42	4,085,704.44
EURO	37.25 - 37.26	0.00	22,299.00	0.00

34.6 Fair value of financial instruments

Financial assets shown in statements of financial position consist of cash and cash equivalents, temporary investment trade and trade account receivable other current receivables and short-term loans. shown in statements of financial position consist of over draft short-term loans from financial institution, trade and other current payables,

Book value of financial assets and liabilities are close to their fair value.

35. COMMITMENT AND CONTINGENT LIABILITIES

35.1 The Company and subsidiaries are liable on payment under irrecoverable operating lease with the various lessors

in order to lease as office building, goods warehouse, and use as plant for bio gas products and petroleum products

as follows :

	Consolidated financial statements (Baht)		Separate financial statements (Baht)	
	2018	2017	2018	2017
Within 1 year	5,651,763.42	7,360,143.69	2,994,043.84	4,309,072.11
Over 1 year less than 5 years	19,153,513.56	19,648,632.81	11,705,059.24	12,692,106.49
Over 5 years	82,929,455.70	96,365,900.98	59,039,982.00	70,883,795.70
Total	107,734,732.68	123,374,677.48	73,739,085.08	87,884,974.30

35.2 The Company and subsidiaries are liable on payment under office building and warehouses services agreement

with the several lessors. As at December 31, 2018 and 2017, the Company has to pay the services fee until the completion amount of Baht 3.21 million and Baht 3.71 million in the consolidated financial statements,

Baht 0.67 million and Baht 2.76 million in the separate financial statements, respectively.



35.3 The Company and subsidiaries are liable on payment under goods, fixed assets acquisition agreement and hire a contractor with various sellers and hiring as follows :

	Consolidated financial statements		Separate financial statements	
	2018	2017	2018	2017
US Dollar	10,797,727.33	26,869,472.45	10,741,317.33	26,869,472.45
EURO	33,067.95	36,991.45	3,406.50	7,330.00
Baht	42,326,556.39	71,348,411.23	28,676,536.09	36,209,246.88

35.4 The Company and subsidiaries are liable on payment under letter of credit agreement with some bank relating to goods acquisition as follows :

	Consolidated financial statements		Separate financial statements	
	2018	2017	2018	2017
US Dollar	124,281.00	103,243.50	124,281.00	42,984.00

35.5 The Company and subsidiaries have contingent liabilities with two banks from issuance of letter of goods quality guarantee to some of customers guarantee contractor agreement and guarantee duties and taxes for import of goods from an overseas as at December 31, 2018 and 2017 total amount of Baht 130.46 million and Baht 72.05 million in the consolidated financial statements, and Baht 125.46 million and Baht 47.18 million in the separate financial statements respectively. Such letter of guarantees have no collaterals.

36. PROVIDENT FUND

The Company and subsidiaries have joined to be a member of provident fund named "K Master Pool Fund Registered Provident Fund " which registered in accordance with the Provident Fund Act B.E. 1987 and the amendment by appointing the fund management to be fund manager. The fund is contributed to both by the employees, and the Company and subsidiaries at the same rate of 3-5% of employees' salaries based on length of works. The accumulation and benefits will be paid to the members upon their retirement, death or resignation.

37. CAPITAL MANAGEMENT

The objective of financial management of the Company and subsidiaries is to preserve the ability to continue their operations as a going concern with proper capital structure.

38. EVENTS AFTER REPORTING PERIOD

According to the Board of Director meeting no.2/2019 held on February 28, 2019, the meeting passed a resolution to request approval from shareholder meeting to pay dividend of the year 2018 at rate Baht 0.16 per share amount of Baht 106.82 million by paying interim dividend to shareholders, according to the Board of Director meeting no.7/ 2018 held on September 7, 2018 at rate Baht 0.10 per share for 667,605,301 shares amount of Baht 66.76 million. Such dividend was paid on October 9, 2018. The remaining dividend at rate 0.06 per share total amount of Baht 40.06 million will be paid to shareholders April 26, 2019 depending on the approval of the general shareholder meeting of the company which will be held on April 9, 2019.

39. CUMULATIVE EFFECT FROM ERRORS CORRECTION

39.1 For the year 2018, It was found that 1) A subsidiary did not record by dividing deferred tax liabilities of intangible assets from goodwill from acquisition business in 2015. Such subsidiary, therefore, did not recognize deferred tax liabilities as taxable income when intangible assets is amortized as defined in summary of significant accounting policy no.4.8 and 2) Such subsidiary amortized intangible assets as non-taxable expenses in current income tax calculation to be taxable expenses in current income tax calculation of the year 2017. Such subsidiary ,therefore, adjusted beginning-retained earnings of the year 2018 by accumulated amount and made retroactive adjustment financial statements of the year 2017.

The effect from such error correction are as follows.

	Baht		
	Before	After	Increase
	adjusted	adjusted	(Decrease)
Statements of financial position			
As at January 1, 2017			
Goodwill	240,804,794.21	269,804,794.21	29,000,000.00
Deferred tax liabilities	35,584,779.13	60,623,289.23	25,038,510.10
Unappropriated retained earnings	254,967,783.00	258,929,233.29	3,961,450.29
Non-controlling interests	41,494,741.37	41,494,780.98	39.61

	Baht		
	Before	After	Increase
	adjusted	adjusted	(Decrease)
Statements of financial position			
As at December 31, 2017			
Goodwill	240,804,794.21	269,804,794.21	29,000,000.00
Deferred tax assets	26,991,459.30	26,724,792.63	-266,666.67
Accrued income tax	957,273.98	3,067,501.25	2,110,227.27
Deferred tax liabilities	45,585,422.63	68,247,038.79	22,661,616.16
Unappropriated retained earnings	315,156,407.36	319,117,857.65	3,961,450.29
Non-controlling interests	36,394,889.37	36,394,928.98	39.61

40. RECLASSIFICATION

The financial statements for the year 2017 have been reclassified to in conformity with the presentation of the financial as at December 31,2018 are as follows :

	Baht		
	Before	After	Increase
	adjusted	adjusted	(Decrease)
Consolidated Financial Statement			
Statements of financial position As at December 31, 2017			
Current Liabilities			
Debentures	0.00	500,000,000.00	500,000,000.00
Current provisions for employee benefit	0.00	2,481,550.00	2,481,550.00
Non-Current Liabilities			
Debentures	500,000,000.00	0.00	(500,000,000.00)
Non-current provisions for employee benefit	17,382,403.50	14,900,853.50	(2,481,550.00)

	Baht		
	Before	After	Increase
	adjusted	adjusted	(Decrease)
Separate Financial Statement			
Statements of financial position As at December 31, 2017			
Current Liabilities			
Debentures	0.00	500,000,000.00	500,000,000.00
Current provisions for employee benefit	0.00	2,481,550.00	2,481,550.00
Non-Current Liabilities			
Debentures	500,000,000.00	0.00	(500,000,000.00)
Non-current provisions for employee benefit	15,628,261.50	13,146,711.50	(2,481,550.00)
Consolidated statements of cash flows			
Statements of cash flows for the year ended December 31, 2017			
Cash flows from operating activities			
Proceeds (paid) from current investment	0.00	449,292.40	(449,292.40)
Cash flows from investing activities			
Proceeds (paid) from current investment	449,292.40	0.00	449,292.40

41. FINANCIAL STATEMENTS APPROVAL

These financial statements were approved and authorized for issue by the Company's Board of directors on February 28, 2019.



บริษัท ยูเอซี โกลบอล จำกัด (มหาชน)
UAC Global Public Company Limited
www.uac.co.th

UAC Global Public Company Limited
No.1 TP&T Building, Fl 19, Soi Vibhavadi Rangsit 19, Vibhavadi Rangsit Road,
Chatuchak Sub-District, Chatuchak District, Bangkok 10900
Tel. 02-936-1701-6 Fax. 02-936-1700