



Annual Registration Statement / Annual Report

Form 56-1 One Report

(Structured Data Report)

GLOBAL GREEN CHEMICALS PUBLIC COMPANY LIMITED

Fiscal Year End 31 December 2021



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Group Structure and Operations

Group Structure and Operations

Business Overview and Policies (1.1)

Company Information (1.1.5)

Company Name : GLOBAL GREEN CHEMICALS PUBLIC COMPANY LIMITED

Symbol : GGC

Address : 555/1 Energy Complex Building A, Vibhavadi-Rangsit Road,
Chatuchak

Province : Bangkok

Postcode : 10900

Business : The Company operates green chemicals business and produces the
products such as methyl ester, fatty alcohols, refined
glycerine and other byproducts.

Registration Number : 0107559000044

Telephone : 0-2558-7300

Fax (if applicable) : 0-2558-7301

Website : <http://www.ggcplc.com>

Email : IR@ggcplc.com

Total Shares Sold (shares)

Common Stock : 1,023,666,700

Preferred Stock : 0

Business Operations (1.2)

Revenue Structure (1.2.1)

By Product Line or Business Grouping

	2019	2020	2021
Total (Thousand baht)	13,054,744.00	18,202,526.00	20,923,384.00
Methyl Ester (Thousand baht)	8,582,427.00	13,346,527.00	13,924,208.00
Fatty Alcohols (Thousand baht)	3,706,384.00	3,752,903.00	5,307,709.00
Refined Glycerine (Thousand baht)	565,933.00	692,200.00	1,304,724.00
Others (Thousand baht)	199,999.00	410,895.00	386,744.00

	2019	2020	2021
Total (%)	100.00	100.00	100.00
Methyl Ester (%)	65.74	73.32	66.55
Fatty Alcohols (%)	28.39	20.62	25.37
Refined Glycerine (%)	4.34	3.80	6.24
Others (%)	1.53	2.26	1.85

By Geographical Area or Market

	2019	2020	2021
Total (Thousand baht)	13,054,744.00	18,202,526.00	20,923,384.00
Domestic (Thousand baht)	10,281,997.00	15,557,462.00	16,954,556.00
China (Thousand baht)	778,188.00	680,562.00	1,410,207.00
India (Thousand baht)	583,374.00	441,217.00	848,546.00
South Korea (Thousand baht)	211,976.00	222,236.00	240,564.00

	2019	2020	2021
Total (%)	100.00	100.00	100.00
Domestic (%)	78.76	85.47	81.03
China (%)	5.96	3.74	6.74
India (%)	4.47	2.42	4.06
South Korea (%)	1.62	1.22	1.15

Information on Products and Services (1.2.2)

Product/Service Information and Business Innovation Development (1.2.2.1)

Research and Development (R&D) Policy : Yes

(Unit : Thousand baht)	2019	2020	2021
R&D expenses in the past 3 years	10,779.35	12,650.45	10,010.88

Risk Management

Risk Management

Risk Factors (2.2)

Risk that might affect the company's business, including environmental, social and corporate governance issues (2.2.1)

Strategic Risk

Changes that may affect the company's business operations in the next 3-5 years (Emerging risks)	: Yes
Changes in the industry in which the company operates	: Yes
Changes in behavior or needs of customers / consumers	: Yes
Changes in government policy and the enforcement of new laws or regulations	: Yes
Changes in policies or international agreements related to business operations	: Yes
Technological advancement	: Yes
Changes in business operations of partners in the supply chain	: No
Reliance on major shareholders or affiliates of major shareholders or managements	: No
Reliance on large customers or few customers	: Yes
Reliance on large partners/distributors or few partners/distributors	: No
Damage to company image and reputation	: No

Operational Risk

Loss of employees in key positions	: No
Shortage of skilled workers	: Yes
Shortage of raw materials or productive resources	: Yes
Error, failure or lack of proper control regarding company's systems or work process	: Yes
Human error in business operations	: No

Product obsolescence	: No
Information security and cyber-attack	: Yes
Loss or damage from non-compliance of partners or counterparties	: Yes
Delays in the development of new projects	: Yes
Business operations that have no commercial results	: No
Lease agreement execution	: No
Safety, occupational health, and working environment	: Yes
Climate change and disasters	: Yes
Impact on the environment	: Yes
Impact from population structure	: No
Impact on human rights	: Yes
Corruption	: Yes

Compliance Risk

Change in laws and regulations	: Yes
Outdated laws and regulations	: No
Violations of laws and regulations	: Yes
Corporate Governance	: Yes

Financial Risk

Lack of proper and sufficient sources of funding	: No
Change in financial and investment policies of financial institutions that affect business operations	: No
Default on payment or exchange of goods	: No

Fluctuation in exchange rates, interest rates, or the inflation rate	: Yes
Fluctuation in return on assets or investment	: Yes
Unhedged loan and borrowing in a foreign currency	: No

Risk to Securities Holder (2.2.2)

Return from investment of securities holder	: No
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Risk to Securities Holder from Investing in Foreign Securities (Applicable to only foreign companies) (2.2.3)

Investment risk	: N/A
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Sustainable Development

Sustainable Development

Sustainability Management Policy and Targets (3.1)

Sustainability Management Policy and Targets

Sustainability management policy and guideline : Yes

Company website on sustainable development : <https://นโยบาย: https://www.ggcplc.com/storage/document/policy-and-statement/ggc-policy-th.pdf>
(if applicable)

Environmental Aspect (3.3)

Policy and Guideline on Environmental Aspect (3.3.1)

Company environmental policy and guideline : Yes

Company website on sustainable development – environmental aspect : <https://นโยบาย QSHEB: https://www.ggcplc.com/storage/document/environment/ggc-qsshe-policy-en.pdf>
(if applicable) นโยบายการบริหารจัดการด้านสิ่งแวดล้อม: <https://www.ggcplc.com/storage/document/environment/ggc-qsshe-policy-en.pdf>

Results with Respect to the Environmental Aspect (3.3.2)

1. Energy management

1.1 Fuel consumption

Information on fuel consumption : Yes

	2019	2020	2021
Fuel oil (liters)	97.12	97.12	94.09

1.2 Electricity consumption

Information on electricity consumption : Yes

	2019	2020	2021
Amount of electricity purchased (kWh)	36,960.77	37,726.37	33,801.00

2. Water management

2.1 Water consumption

Information on water consumption : Yes

	2019	2020	2021
Water consumption (cubic meters)	231,993.00	208,706.00	517,071.00

3. Waste management

3.1 Waste from operations

Information on waste from operations : Yes

	2019	2020	2021
Non-hazardous waste (kg)	35,063.65	40,487.76	5,346.36
Hazardous waste (kg)	250.21	550.67	439.27
Total (kg)	35,313.86	41,038.43	5,785.63

4. Greenhouse gas management

4.1 Greenhouse gas emissions

Information on greenhouse gas emissions : Yes

	2019	2020	2021
Scope 1 (Tons of carbon dioxide equivalents)	8,511.00	33,333.00	30,708.00
Scope 2 (Tons of carbon dioxide equivalents)	61,382.00	59,481.00	57,481.00
Total (Tons of carbon dioxide equivalents)	69,893.00	92,814.00	88,189.00

4.2 Verification of greenhouse gas emissions

Third-party verification : Yes

Name of verifying organization : Lloyd's Register International (Thailand) Ltd.

Social Aspect (3.4)

Policy and Guideline on Social Aspect (3.4.1)

Human rights policy : Yes

Company website on human rights policy (if applicable) : <https://www.ggcplc.com/storage/document/human-rights/human-rights-policy-th.pdf>

Results with Respect to the Social Aspect (3.4.2)

1. Information about employees

1.1 Total number of employees

	2019	2020	2021
Number of male employees (persons)	152	183	186
Number of female employees (persons)	100	107	82
Total (persons)	252	290	268

1.2 Employee remuneration

	2019	2020	2021
Employee remuneration (baht)	314,000,000.00	347,000,000.00	404,259,804.73

1.3 Employee development and training

Information on employee development and training : Yes

	2019	2020	2021
Average training hours of employees (hour / person / year)	49.00	44.00	30.12
Employee development and training expenses (baht)	4,520,000.00	4,000,000.00	4,000,000.00

1.4 Health, safety and work environment

Information on Safety : Yes

	2019	2020	2021
Number of employee work injuries leading to employee absence (times)	0.00	0.00	0.00

1.5 Employee retention

Information on employee retention : Yes

	2019	2020	2021
Percentage of employees who voluntarily resigned (%)	7.00	11.00	7.09

2. Information on community and society

Activities or projects organized for the community and society : Community environment development; Quality of life, health, and sport; Religion and culture

Corporate Governance Policy

Corporate Governance Policy

Overview of the Corporate Governance Policy and Guideline (6.1)

Corporate Governance Policy

Company website on corporate governance policy : <https://www.ggcplc.com/storage/document/cg/ggc-cg-policy-th.pdf>

Policy and Guideline Related to the Board of Directors (6.1.1)

1. Policy and guideline related to the board of directors

Company policy and guideline : Nomination of Directors, Compensation, Independence of the Board of Directors, Director Development, Board Performance Evaluation, Corporate Governance of Subsidiaries and Associated Companies

Code of Conduct (6.2)

Establishing a Code of Conduct

1. Establishing a Code of Conduct

Code of Conduct : Yes

2. Policy and Guideline related to the Code of Conduct

Company policy and guideline : Preventing of Conflicts of Interest, Preventing the Misuse of Inside Information, Anti-corruption, Whistleblowing

Corporate Governance Structure
and Significant Information Regarding
the Board of Directors, Subcommittees,
Management,
Employee and Other Information

Corporate Governance Structure and Significant Information Regarding the Board of Directors, Subcommittees, Management, Employee and Other Information

Board of Directors (7.2)

Composition of the board of directors (7.2.1)

	Number of persons	Percentage (%)
Total number of directors	11	100.00
Number of male directors	10	90.91
Number of female directors	1	9.09
Number of executive directors	1	9.09
Number of non-executive directors	10	90.91
Number of independent directors	8	72.73

Information on the board of directors and persons with authority to control the company (7.2.2)

1. List of directors

General information	Position	Date position was assumed	Experience and expertise
1. Mr. KONGKRAPAN INTARAJANG Gender: Male Age: 55 years old Highest level of education: Doctoral degree Major: Engineering Thai nationality: Yes Residing in Thailand: Yes	Chairman of the board (Non-executive) Director type: Original director	21 Oct 2020	Strategic Management, Risk Management, Human Resource Management, Corporate Management, IT Management, Corporate Social Responsibility, Governance/ Compliance, Energy & Utilities, Engineering

2. Prof. Dr. KUMCHAI JONGJAKAPUN Gender: Male Age: 62 years old Highest level of education: Doctoral degree Major: Law Thai nationality: Yes Residing in Thailand: Yes	Director (Non-executive, Independent director) Director type: Re- elected as director	17 Feb 2016	Law, Corporate Management, Risk Management, Strategic Management, Audit, Corporate Social Responsibility, Internal Control, Governance/ Compliance, Accounting, IT Management
3. Mrs. KANNIKA NGAMSOPEE Gender: Female Age: 66 years old Highest level of education: Master's degree Major: Accounting Thai nationality: Yes Residing in Thailand: Yes	Director (Non-executive, Independent director) Director type: Re- elected as director	17 Feb 2016	Law, Strategic Management, Risk Management, Corporate Management, IT Management, Audit, Finance, Corporate Social Responsibility, Internal Control, Banking, Governance/ Compliance, Economics
4. ACM SONGTAM CHOKKANAPITAG Gender: Male Age: 68 years old Highest level of education: Bachelor's degree Major: Military Thai nationality: Yes Residing in Thailand: Yes	Director (Non-executive, Independent director) Director type: Re- elected as director	17 Feb 2016	Law, Strategic Management, Corporate Management, IT Management, Corporate Social Responsibility, Agribusiness, Engineering
5. POL. GEN. SUCHART THEERASAWAT Gender: Male Age: 61 years old Highest level of education: Master's degree Major: - Thai nationality: Yes Residing in Thailand: Yes	Director (Non-executive, Independent director) Director type: Re- elected as director	23 Dec 2020	Law, Strategic Management, Human Resource Management, Corporate Management, IT Management, Audit, Corporate Social Responsibility, Internal Control, Governance/ Compliance
6. Mr. SARAWUT BENJAKUL Gender: Male Age: 57 years old Highest level of education: Master's degree Major: Law Thai nationality: Yes Residing in Thailand: Yes	Director (Non-executive, Independent director) Director type: Newly appointed director to replace ex-director	2 Apr 2021	Law, Strategic Management, Risk Management, Corporate Management, IT Management, Corporate Social Responsibility, Governance/ Compliance

<p>7. Mr. JARUN WIWATJESADAWUT</p> <p>Gender: Male</p> <p>Age: 59 years old</p> <p>Highest level of education: Bachelor's degree</p> <p>Major: Political Science</p> <p>Thai nationality: Yes</p> <p>Residing in Thailand: Yes</p>	<p>Director</p> <p>(Non-executive, Independent director)</p> <p>Director type: Newly appointed director to replace ex-director</p>	<p>2 Apr 2021</p>	<p>Strategic Management, Risk Management, Human Resource Management, Corporate Management, IT Management, Marketing, Finance, Corporate Social Responsibility, Agribusiness, Governance/ Compliance, Banking, Energy & Utilities</p>
<p>8. Mr. SUPHIT SUWAGUL</p> <p>Gender: Male</p> <p>Age: 66 years old</p> <p>Highest level of education: Master's degree</p> <p>Major: -</p> <p>Thai nationality: Yes</p> <p>Residing in Thailand: Yes</p>	<p>Director</p> <p>(Non-executive, Independent director)</p> <p>Director type: Re-elected as director</p>	<p>1 Jan 2018</p>	<p>Strategic Management, Corporate Management, IT Management, Marketing, Corporate Social Responsibility, Governance/ Compliance, Energy & Utilities, Petrochemicals & Chemicals, Economics, Agribusiness</p>
<p>9. Maj.Gen. TITAWAT SATIANTIP</p> <p>Gender: Male</p> <p>Age: 52 years old</p> <p>Highest level of education: Master's degree</p> <p>Major: -</p> <p>Thai nationality: Yes</p> <p>Residing in Thailand: Yes</p>	<p>Director</p> <p>(Non-executive, Independent director)</p> <p>Director type: Re-elected as director</p>	<p>11 Sep 2019</p>	<p>Corporate Management, IT Management, Corporate Social Responsibility, Governance/ Compliance, Engineering</p>
<p>10. Mr. VARIT NAMWONG</p> <p>Gender: Male</p> <p>Age: 59 years old</p> <p>Highest level of education: Master's degree</p> <p>Major: Business Administration</p> <p>Thai nationality: Yes</p> <p>Residing in Thailand: Yes</p>	<p>Director</p> <p>(Non-executive)</p> <p>Director type: Newly appointed director to replace ex-director</p>	<p>19 Jan 2022</p>	<p>Strategic Management, Risk Management, Human Resource Management, Corporate Management, IT Management, Marketing, Corporate Social Responsibility, Governance/ Compliance, Petrochemicals & Chemicals, Energy & Utilities</p>
<p>11. Mr. PIROJ SAMUTTHANANONT</p> <p>Gender: Male</p> <p>Age: 60 years old</p> <p>Highest level of education: Master's degree</p> <p>Major: Business Administration</p> <p>Thai nationality: Yes</p> <p>Residing in Thailand: Yes</p>	<p>Director</p> <p>(Executive)</p> <p>Director type: Newly appointed director to replace ex-director</p>	<p>1 May 2021</p>	<p>Law, Strategic Management, Risk Management, Human Resource Management, Corporate Management, IT Management, Marketing, Corporate Social Responsibility, Petrochemicals & Chemicals, Energy & Utilities, Engineering</p>

2. List of directors who resigned/vacated their position during the year

General information	Position	Tenure	Replacement Director
1. Mr. PAYUNGSAK CHARTSUTIPOL Gender: Male Age: 70 years old Highest level of education: Honorary degree Major: Engineering Thai nationality: Yes Residing in Thailand: Yes	Director (Non-executive, Independent director) Director type: Re- elected as director	Date position was assumed: 6 Jan 2017 Date directorship ended: 2 Apr 2021	Mr. JARUN WIWATJESADAWUT Date position was assumed: 2 Apr 2021
2. Mr. APICHART JONGSKUL Gender: Male Age: 67 years old Highest level of education: Honorary degree Major: - Thai nationality: Yes Residing in Thailand: Yes	Director (Non-executive, Independent director) Director type: Re- elected as director	Date position was assumed: 6 Jan 2017 Date directorship ended: 2 Apr 2021	Mr. SARAWUT BENJAKUL Date position was assumed: 2 Apr 2021
3. Mr. PATIPARN SUKORNDHAMAN Gender: Male Age: 61 years old Highest level of education: Master's degree Major: Finance Thai nationality: Yes Residing in Thailand: Yes	Director (Non-executive) Director type: Re- elected as director	Date position was assumed: 17 Feb 2016 Date directorship ended: 1 Jan 2022	Mr. VARIT NAMWONG Date position was assumed: 19 Jan 2022
4. Mr. SUWAT KAMOLPANUS Gender: Male Age: 57 years old Highest level of education: Master's degree Major: Science Thai nationality: Yes Residing in Thailand: Yes	Director (Executive) Director type: Original director	Date position was assumed: 1 Aug 2020 Date directorship ended: 30 Apr 2021	Mr. PIROJ SAMUTTHANANONT Date position was assumed: 1 May 2021

3. Other Information pertaining to committees

The Chairman is an independent director : No

The Chairman and the manager are the same person : No

The Chairman and the manager are members of the same family : No

The company appoints at least one independent director to determine the agenda of the Board of Directors' meetings : No

Sub-committees (7.3)

Information about sub-committees (7.3.2)

1. Audit Committee

1.1 List of audit committee members

General information	Position	Date position was assumed	Experience and expertise
1. Prof. Dr. KUMCHAI JONGJAKAPUN Gender: Male Age: 62 years old Highest level of education: Doctoral degree Major: Law Thai nationality: Yes Residing in Thailand: Yes	Chairman of the audit committee (Non-executive, Independent director)	1 Jan 2018	Law, Corporate Management, Risk Management, Strategic Management, Audit, Corporate Social Responsibility, Internal Control, Governance/ Compliance, Accounting, IT Management
2. Mrs. KANNIKA NGAMSOPEE [1] Gender: Female Age: 66 years old Highest level of education: Master's degree Major: Accounting Thai nationality: Yes Residing in Thailand: Yes	Audit committee (Non-executive, Independent director)	26 Feb 2016	Law, Strategic Management, Risk Management, Corporate Management, IT Management, Audit, Finance, Corporate Social Responsibility, Internal Control, Banking, Governance/ Compliance, Economics
3. Mr. SARAWUT BENJAKUL Gender: Male Age: 57 years old Highest level of education: Master's degree Major: Law Thai nationality: Yes Residing in Thailand: Yes	Audit committee (Non-executive, Independent director)	28 Apr 2021	Law, Strategic Management, Risk Management, Corporate Management, IT Management, Corporate Social Responsibility, Governance/ Compliance
	Director type: Re-elected as director		
	Director type: Re-elected as director		
	Director type: Additional and newly-appointed directors		

[1] A director with the accounting expertise needed to review financial statements

1.2 List of directors who resigned/vacated their position during the year

General information	Position	Tenure	Replacement Director
1. Mr. APICHART JONGSKUL Gender: Male Age: 67 years old Highest level of education: Honorary degree Major: - Thai nationality: Yes Residing in Thailand: Yes	Audit committee (Non-executive, Independent director) Director type: Re- elected as director	Date position was assumed: 5 Apr 2018 Date directorship ended: 2 Apr 2021	Mr. SARAWUT BENJAKUL Date position was assumed: 28 Apr 2021

[1] A director with the accounting expertise needed to review financial statements

2. Other sub-committees

2.1 Sub-committees information

Name of sub-committees	List of directors	Position
Nomination and Remuneration Committee	ACM SONGTAM CHOKKANAPITAG	Chairman
	Maj.Gen. TITAWAT SATIANTIP	Member
	Mr. VARIT NAMWONG	Member
Corporate Governance and Sustainable Development Committee	POL. GEN. SUCHART THEERASAWAT	Chairman
	Mr. SUPHIT SUWAGUL	Member
	Maj.Gen. TITAWAT SATIANTIP	Member
Risk Management Committee	Mrs. KANNIKA NGAMSOPEE	Chairman
	Mr. JARUN WIWATJESADAWUT	Member
	Mr. VARIT NAMWONG	Member
	Mr. PIROJ SAMUTTHANANONT	Member

2.2 Roles of Sub-committees

Sub-committees responsible for risk management : Risk Management Committee

Sub-committees responsible for nomination : Nomination and Remuneration Committee

Sub-committees responsible for remuneration	: Nomination and Remuneration Committee
Sub-committees responsible for corporate governance	: Corporate Governance and Sustainable Development Committee
Sub-committees responsible for corporate sustainability development	: Corporate Governance and Sustainable Development Committee

Executives (7.4)

List and positions of the executive (7.4.1)

1. The four highest-ranking executives

General information	Position	Date position was assumed	Experience and expertise
1. Mr. PIROJ SAMUTTHANANONT Gender: Male Age: 60 years old Highest level of education: Master's degree Major: Business Administration	MANAGING DIRECTOR	1 May 2021	Law, Strategic Management, Risk Management, Human Resource Management, Corporate Management, IT Management, Marketing, Corporate Social Responsibility, Petrochemicals & Chemicals, Energy & Utilities, Engineering
2. Mr. Kumpol Chaikitkosi Gender: Male Age: 62 years old Highest level of education: Bachelor's degree Major: Engineering	Deputy Managing Director, Operational Excellence	1 Jan 2021	Engineering, Risk Management, Petrochemicals & Chemicals, Strategic Management, Corporate Management
3. Mr. Warophat Kimchuwanit Gender: Male Age: 51 years old Highest level of education: Master's degree Major: Science	Deputy Managing Director, Commercial Excellence	21 Jan 2021	Risk Management, Marketing, Data Analysis, Negotiation, Petrochemicals & Chemicals, Strategic Management, Corporate Management, Commerce
4. Mrs. Kunakorn Witthayapaisarn Gender: Female Age: 56 years old Highest level of education: Bachelor's degree Major: Accounting	Vice President, Internal Audit	1 Jan 2018	Accounting, Audit, Internal Control, Governance/ Compliance, Risk Management
5. Mrs. Boodsada Seema Gender: Female Age: 54 years old Highest level of education: Master's degree Major: -	Vice President, Corporate Affairs and Corporate Secretary	1 Oct 2021	Risk Management, Sustainability, Corporate Social Responsibility, Governance/ Compliance, Information & Communication Technology, Strategic Management, IT Management

6. Ms. Wanlapa Sophiskhaunkhant [1] Gender: Female Age: 43 years old Highest level of education: Master's degree Major: Engineering	Vice President, Corporate Finance and Accounting	24 Aug 2015	Engineering, Strategic Management, Risk Management, Budgeting, Data Analysis, Finance, Banking, Accounting, Insurance, Finance & Securities
7. Mr. Jakrit Rungsimanop Gender: Male Age: 47 years old Highest level of education: Master's degree Major: Engineering	Vice President, Corporate Strategy	1 Jun 2020	Engineering, Strategic Management, Risk Management, Corporate Management, Data Analysis
8. Mr. Sansern Sujitjorn Gender: Male Age: 60 years old Highest level of education: Master's degree Major: -	Vice President, Human Resource and Corporate Support	1 Feb 2021	Law, Risk Management, Human Resource Management, IT Management, Procurement, Strategic Management
9. Mr. Ekaphong Govitgoongrai Gender: Male Age: 50 years old Highest level of education: Master's degree Major: Business Administration	Vice President, Supply Planning and Feedstock Sourcing	1 Dec 2019	Engineering, Risk Management, Data Analysis, Negotiation, Procurement, Strategic Management, Petrochemicals & Chemicals, Energy & Utilities
10. Mr. Suchet Deemungmee Gender: Male Age: 49 years old Highest level of education: Master's degree Major: Business Administration	Vice President, Marketing and Sale	1 Apr 2019	Marketing, Data Analysis, Negotiation, Petrochemicals & Chemicals, Commerce
11. Mr. Thodsaphorn Phienchob Gender: Male Age: 55 years old Highest level of education: Bachelor's degree Major: Economics	Vice President, Operations	1 Jan 2020	Engineering, Economics, Petrochemicals & Chemicals
12. Ms. Chompunuch Liamprawat Gender: Female Age: 44 years old Highest level of education: Master's degree Major: Business Administration	Vice President, Process Technology	31 Jan 2020	Engineering, Risk Management, Petrochemicals & Chemicals
13. Mr. Suriyawut Rawdkrajab Gender: Male Age: 53 years old Highest level of education: Bachelor's degree Major: Science	Vice President, Engineering and Maintenance	1 Jun 2020	Engineering, Petrochemicals & Chemicals, Energy & Utilities

14. Mr. Sayan Saesue Gender: Male Age: 51 years old Highest level of education: Master's degree Major: Engineering	Vice President, Project Management	1 Jun 2020	Engineering, Project Management, Petrochemicals & Chemicals
15. Mr. Chanasiri Vanit Gender: Male Age: 52 years old Highest level of education: Master's degree Major: Economics	Vice President, Reporting to the Deputy Managing Director, Operational	1 Jan 2021	Engineering, Economics, Project Management, Petrochemicals & Chemicals
16. Mr. Piya Suri Gender: Male Age: 52 years old Highest level of education: Master's degree Major: Engineering	Vice President, Reporting to Managing Director	1 Oct 2016	Engineering, Strategic Management, Risk Management, Corporate Management, Marketing, Petrochemicals & Chemicals, Commerce
17. Mr. Dumrong Putiput Gender: Male Age: 60 years old Highest level of education: Bachelor's degree Major: Engineering	Vice President, Reporting to Managing Director	1 Oct 2020	Engineering, Strategic Management, Risk Management, Corporate Management, Agribusiness, Petrochemicals & Chemicals

[1] Highest responsibility in accounting and finance

[2] Directly responsible for financial account supervision

Executive director and executive remuneration (7.4.2 – 7.4.3)

1. Remuneration policy for executive directors and executives

Remuneration policy for executive directors and executives : Yes

2. Remuneration

	2019	2020	2021
Total executive director and executive remuneration (baht)	51,138,485.00	87,086,142.00	97,209,244.45

3. Other forms of remuneration

Employee Stock Ownership Plan (ESOP) : No

Employee Joint Investment Program (EJIP) : No

Employees (7.5)

Information about company employees

1. Employees

Number of male employees (persons) : 186

Number of female employees (persons) : 82

Total (persons) : 268

2. Employee Remuneration

Total employee remuneration : 404,259,804.73

3. Provident fund

Information on employee provident fund : Yes

Total number of employees (persons) : 268

Number of employees contributing to the PVD (persons) : 254

Percentage of employees who are members (%) : 94.78

Other Significant Information (7.6)

Other significant information

1. Assigned persons

1.1 Person assigned to take direct responsibility for accounting oversight

Person assigned to take direct
responsibility for accounting oversight : Yes

General information	Email	Telephone
1. Mrs. Nuttaya Wudtisuk	nuttaya.w@ggcplc.com	02-558-7387

1.2 Company secretary

Company secretary : Yes

General information	Email	Telephone
1. Mrs. Boodsada Seema	boodsada.s@ggcplc.com	02-558-7310

1.3 Head of internal audit

Head of internal audit : Yes

General information	Email	Telephone
1. Mrs. Kunakorn Witthayapaisarn	kunakorn.w@ggcplc.com	02-558-7320

1.4 Head of compliance unit

Head of compliance unit : Yes

General information	Email	Telephone
1. Mrs. Boodsada Seema	boodsada.s@ggcplc.com	02-558-7310

1.5 Head of investor relations

Head of investor relations : Yes

General information	Email	Telephone
1. Ms. Paveena Ovararint	paveena.o@ggcplc.com	02-558-7395
2. Ms. Wanlapa Sophiskhaunkhant	wanlapa.s@ggcplc.com	02-558-7330

2. Company's auditor

Company	Names and general information of auditors	Audit fee (baht)	Other non-audit fees (baht)
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1. DELOITTE TOUCHE TOHMATSU JAIYOS AUDIT COMPANY LIMITED	1. Mr. Mongkol Somphol	2,270,000.00	Details: For fiscal year 2021, GGC paid Deloitte Touche Tohmatsu Jaiyos Company Limited for BOI consultation Total service fee (baht): 198,000.00
	Email: msomphol@deloitte.com		
	Telephone: -		
	2. Mr. Supamit Techamontrikul		
	Email:		
	stechamontrikul@deloitte.com		
	Telephone: -		
	3. Mr. Suwatchai Mekha-		
	amnuaychai		
	Email:		
	smeakhaamnouychai@deloitte.		
	com		
	Telephone: -		
	4. Mr. Chavala Thianprasertkit		
	Email:		
	ctienpasertkij@deloitte.com		
	Telephone: -		

Performance Report on Corporate Governance

Performance Report on Corporate Governance

Summary of Director Performance (8.1)

Selection, development, and evaluation of duty performance of the Board of Directors (8.1.1)

1. List of new directors appointed in the past year

1.1 Re-elected as director

General information	Position	Date position was assumed	Experience and expertise
1. Prof. Dr. KUMCHAI JONGJAKAPUN Gender: Male Age: 62 years old Highest level of education: Doctoral degree Major: Law Thai nationality: Yes Residing in Thailand: Yes	Director (Non-executive, Independent director) Director type: Re-elected as director	Date position was assumed: 17 Feb 2016	Law, Corporate Management, Risk Management, Strategic Management, Audit, Corporate Social Responsibility, Internal Control, Governance/ Compliance, Accounting, IT Management
2. Mrs. KANNIKA NGAMSOPEE Gender: Female Age: 66 years old Highest level of education: Master's degree Major: Accounting Thai nationality: Yes Residing in Thailand: Yes	Director (Non-executive, Independent director) Director type: Re-elected as director	Date position was assumed: 17 Feb 2016	Law, Strategic Management, Risk Management, Corporate Management, IT Management, Audit, Finance, Corporate Social Responsibility, Internal Control, Banking, Governance/ Compliance, Economics
3. ACM SONGTAM CHOKKANAPITAG Gender: Male Age: 68 years old Highest level of education: Bachelor's degree Major: Military Thai nationality: Yes Residing in Thailand: Yes	Director (Non-executive, Independent director) Director type: Re-elected as director	Date position was assumed: 17 Feb 2016	Law, Strategic Management, Corporate Management, IT Management, Corporate Social Responsibility, Agribusiness, Engineering
4. POL. GEN. SUCHART THEERASAWAT Gender: Male Age: 61 years old Highest level of education: Master's degree Major: - Thai nationality: Yes Residing in Thailand: Yes	Director (Non-executive, Independent director) Director type: Re-elected as director	Date position was assumed: 23 Dec 2020	Law, Strategic Management, Human Resource Management, Corporate Management, IT Management, Audit, Corporate Social Responsibility, Internal Control, Governance/ Compliance

5. Mr. SUPHIT SUWAGUL Gender: Male Age: 66 years old Highest level of education: Master's degree Major: - Thai nationality: Yes Residing in Thailand: Yes	Director (Non-executive, Independent director) Director type: Re-elected as director	Date position was assumed: 1 Jan 2018	Strategic Management, Corporate Management, IT Management, Marketing, Corporate Social Responsibility, Governance/ Compliance, Energy & Utilities, Petrochemicals & Chemicals, Economics, Agribusiness
6. Maj.Gen. TITAWAT SATIANTIP Gender: Male Age: 52 years old Highest level of education: Master's degree Major: - Thai nationality: Yes Residing in Thailand: Yes	Director (Non-executive, Independent director) Director type: Re-elected as director	Date position was assumed: 11 Sep 2019	Corporate Management, IT Management, Corporate Social Responsibility, Governance/ Compliance, Engineering

1.2 Newly appointed director to replace ex-director

General information	Position	Date position was assumed	Experience and expertise
1. Mr. SARAWUT BENJAKUL Gender: Male Age: 57 years old Highest level of education: Master's degree Major: Law Thai nationality: Yes Residing in Thailand: Yes	Director (Non-executive, Independent director) Director type: Newly appointed director to replace ex-director	Date position was assumed: 2 Apr 2021	Law, Strategic Management, Risk Management, Corporate Management, IT Management, Corporate Social Responsibility, Governance/ Compliance
2. Mr. JARUN WIWATJESADAWUT Gender: Male Age: 59 years old Highest level of education: Bachelor's degree Major: Political Science Thai nationality: Yes Residing in Thailand: Yes	Director (Non-executive, Independent director) Director type: Newly appointed director to replace ex-director	Date position was assumed: 2 Apr 2021	Strategic Management, Risk Management, Human Resource Management, Corporate Management, IT Management, Marketing, Finance, Corporate Social Responsibility, Agribusiness, Governance/ Compliance, Banking, Energy & Utilities

3. Mr. VARIT NAMWONG Gender: Male Age: 59 years old Highest level of education: Master's degree Major: Business Administration Thai nationality: Yes Residing in Thailand: Yes	Director (Non-executive) Director type: Newly appointed director to replace ex-director	Date position was assumed: 19 Jan 2022	Strategic Management, Risk Management, Human Resource Management, Corporate Management, IT Management, Marketing, Corporate Social Responsibility, Governance/ Compliance, Petrochemicals & Chemicals, Energy & Utilities
4. Mr. PIROJ SAMUTTHANANONT Gender: Male Age: 60 years old Highest level of education: Master's degree Major: Business Administration Thai nationality: Yes Residing in Thailand: Yes	Director (Executive) Director type: Newly appointed director to replace ex-director	Date position was assumed: 1 May 2021	Law, Strategic Management, Risk Management, Human Resource Management, Corporate Management, IT Management, Marketing, Corporate Social Responsibility, Petrochemicals & Chemicals, Energy & Utilities, Engineering

1.3 Additional and newly-appointed directors

General information	Position	Date position was assumed	Experience and expertise
No information			

2. Development of directors over the past year

List of directors	Position	Participated in director development program
Mr. KONGKRAPAN INTARAJANG	Chairman of the board	-
Prof. Dr. KUMCHAI JONGJAKAPUN	Director	/
Mrs. KANNIKA NGAMSOPEE	Director	/
ACM SONGTAM CHOKKANAPITAG	Director	/
POL. GEN. SUCHART THEERASAWAT	Director	/
Mr. SARAWUT BENJAKUL	Director	/
Mr. JARUN WIWATJESADAWUT	Director	/
Mr. SUPHIT SUWAGUL	Director	/
Maj.Gen. TITAWAT SATIANTIP	Director	/
Mr. VARIT NAMWONG	Director	/
Mr. PIROJ SAMUTTHANANONT	Director	/

3. Directors' performance assessment

Method used to evaluate directors' performance : Whole-board-of-directors assessment, Individual-director assessment (self-assessment), Individual-director assessment (cross-assessment)

Meeting attendance and remuneration to each Board member (8.1.2)

1. Meetings involving company directors

Number of board meetings	: 13
Date of AGM Meeting	: 2 Apr 2021
Number of EGM meetings	: No

2. Attendance of each director

2.1 Meeting information of current directors

List of directors	Position	Board meetings	AGM meetings	EGM meetings
1. Mr. KONGKRAPAN INTARAJANG	Chairman of the board	13/13	Attended the meeting	Did not hold the meeting
2. Prof. Dr. KUMCHAI JONGJAKAPUN	Director	12/13	Attended the meeting	Did not hold the meeting
3. Mrs. KANNIKA NGAMSOPEE	Director	13/13	Attended the meeting	Did not hold the meeting
4. ACM SONGTAM CHOKKANAPITAG	Director	13/13	Attended the meeting	Did not hold the meeting
5. POL. GEN. SUCHART THEERASAWAT	Director	10/13	Did not attend the meeting	Did not hold the meeting
6. Mr. SARAWUT BENJAKUL	Director	10/10	Did not attend the meeting	Did not hold the meeting
7. Mr. JARUN WIWATJESADAWUT	Director	10/10	Did not attend the meeting	Did not hold the meeting
8. Mr. SUPHIT SUWAGUL	Director	13/13	Attended the meeting	Did not hold the meeting
9. Maj.Gen. TITAWAT SATIANTIP	Director	13/13	Attended the meeting	Did not hold the meeting
10. Mr. VARIT NAMWONG	Director	0/0	Did not attend the meeting	Did not hold the meeting
11. Mr. PIROJ SAMUTTHANANONT	Director	9/9	Did not attend the meeting	Did not hold the meeting

2.2 Meeting information of directors who resigned/vacated their position during the year

List of directors	Position	Board meetings	AGM meetings	EGM meetings
1. Mr. PAYUNGSAK CHARTSUTIPOL	Director	3/3	Attended the meeting	Did not hold the meeting
2. Mr. APICHART JONGSKUL	Director	3/3	Attended the meeting	Did not hold the meeting
3. Mr. PATIPARN SUKORNDHAMAN	Director	13/13	Attended the meeting	Did not hold the meeting
4. Mr. SUWAT KAMOLPANUS	Director	4/4	Attended the meeting	Did not hold the meeting

3. Remuneration for company directors

3.1 Remuneration information for current directors

List of directors	Meeting allowance (baht)	Salary (baht)	Bonus (baht)	Other (baht)	Total (baht)
1. Mr. KONGKRAPAN INTARAJANG	-	450,000.00	317,631.35	-	767,631.35
2. Prof. Dr. KUMCHAI JONGJAKAPUN	325,000.00	360,000.00	254,105.07	-	939,105.07
3. Mrs. KANNIKA NGAMSOPEE	435,000.00	360,000.00	254,105.07	-	1,049,105.07
4. ACM SONGTAM CHOKKANAPITAG	125,000.00	360,000.00	254,105.07	-	739,105.07
5. POL. GEN. SUCHART THEERASAWAT	75,000.00	368,709.68	6,248.49	-	449,958.17
6. Mr. SARAWUT BENJAKUL	200,000.00	269,000.00	-	-	469,000.00
7. Mr. JARUN WIWATJESADAWUT	120,000.00	269,000.00	-	-	389,000.00

8. Mr. SUPHIT SUWAGUL	100,000.00	360,000.00	254,105.07	-	714,105.07
9. Maj.Gen. TITAWAT SATIANTIP	240,000.00	360,000.00	254,105.07	-	854,105.07
10. Mr. VARIT NAMWONG	-	-	-	-	-
11. Mr. PIROJ SAMUTTHANANONT	120,000.00	240,000.00	-	-	360,000.00

3.2 Remuneration information for directors who resigned/vacated their positions during the year

List of directors	Meeting allowance (baht)	Salary (baht)	Bonus (baht)	Other (baht)	Total (baht)
1. Mr. PAYUNGSAK CHARTSUTIPOL	75,000.00	92,000.00	254,105.07	-	421,105.07
2. Mr. APICHART JONGSKUL	60,000.00	92,000.00	254,105.07	-	406,105.07
3. Mr. PATIPARN SUKORNDHAMAN	240,000.00	360,000.00	254,105.07	-	854,105.07
4. Mr. SUWAT KAMOLPANUS	20,000.00	119,000.00	106,224.25	-	245,224.25

4. Non-monetary remuneration for the board of directors

4.1 Remuneration information for current directors

List of directors	D&O (Directors and Officers' Liability Insurance)	ESOP (Employee Stock Ownership Plan)	EJIP (Employee Joint Investment Program)
1. Mr. KONGKRAPAN INTARAJANG	-	-	-
2. Prof. Dr. KUMCHAI JONGJAKAPUN	-	-	-

3. Mrs. KANNIKA NGAMSOPEE	-	-	-
4. ACM SONGTAM CHOKKANAPITAG	-	-	-
5. POL. GEN. SUCHART THEERASAWAT	-	-	-
6. Mr. SARAWUT BENJAKUL	-	-	-
7. Mr. JARUN WIWATJESADAWUT	-	-	-
8. Mr. SUPHIT SUWAGUL	-	-	-
9. Maj.Gen. TITAWAT SATIANTIP	-	-	-
10. Mr. VARIT NAMWONG	-	-	-
11. Mr. PIROJ SAMUTTHANANONT	-	-	-

4.2 Remuneration information for directors who resigned/vacated their positions during the year

List of directors	D&O	ESOP	EJIP
	(Directors and Officers' Liability Insurance)	(Employee Stock Ownership Plan)	(Employee Joint Investment Program)
1. Mr. PAYUNGSAK CHARTSUTIPOL	-	-	-
2. Mr. APICHART JONGSKUL	-	-	-
3. Mr. PATIPARN SUKORNDHAMAN	-	-	-
4. Mr. SUWAT KAMOLPANUS	-	-	-

Report on the Audit Committee's Performance for the Past Year (8.2)

Report on the audit committee's performance for the past year

1. Audit committee meetings

Number of Audit committee meetings (times) : 13

2. Audit committee meeting attendance

2.1 Meeting information of current audit committee members

List of directors	Position	Audit Committee meetings
1. Prof. Dr. KUMCHAI JONGJAKAPUN	Chairman of the audit committee	13/13
2. Mrs. KANNIKA NGAMSOPEE	Audit committee	13/13
3. Mr. SARAWUT BENJAKUL	Audit committee	10/10

2.2 Meeting information of audit committee members who resigned/vacated their position during the year

List of directors	Position	Audit Committee meetings
1. Mr. APICHART JONGSKUL	Audit committee	3/3

Statement of Financial Position

Statement of Financial Position

Assets

(Unit : Thousand baht)	2019	2020	2021
Current Assets			
Cash And Cash Equivalents	2,310,817.09	1,742,488.15	1,511,048.14
Short-Term Investments – Net	1,000,000.00	400,000.00	280,000.00
Trade And Other Receivables – Current – Net	1,712,494.06	1,921,684.44	2,687,703.88
Inventories – Net	1,596,174.22	2,002,715.73	2,024,065.68
Other Current Assets	80,175.23	32,939.89	35,809.39
Total Current Assets	6,711,875.04	6,127,151.44	6,646,724.34
Non-Current Assets			
Trade And Other Receivables – Non-Current – Net	0.00	0.00	0.00
Investment In Subsidiaries, Associates And Joint Ventures Using The Equity Method – Net	1,115,463.48	1,622,949.59	1,880,748.50
Property, Plant And Equipment – Net	4,763,982.21	5,165,615.09	4,258,813.80
Other Non-Current Assets	27,129.46	26,423.88	8,806.19
Total Non-Current Assets	6,219,458.97	7,112,022.01	6,869,777.02
Total Assets	12,931,334.01	13,239,173.45	13,516,501.36

Liabilities

(Unit : Thousand baht)	2019	2020	2021
Current Liabilities			
Bank Overdrafts And Short-Term Borrowings From Financial Institutions	0.00	0.00	0.00
Trade And Other Payables - Current	1,403,187.19	1,187,093.93	1,685,873.90
Short-Term Borrowings	0.00	0.00	0.00
Current Portion Of Long-Term Debts	441,000.00	565,843.31	763,970.78
Other Current Liabilities	0.00	0.00	0.00
Total Current Liabilities	1,849,866.45	1,886,379.91	3,043,619.10
Non-Current Liabilities			
Trade And Other Payables - Non-Current	0.00	0.00	0.00
Non-Current Portion Of Long-Term Debts	1,328,654.23	763,970.78	0.00
Other Non-Current Liabilities	905.00	0.00	0.00
Total Non-Current Liabilities	1,433,324.18	1,359,665.93	502,513.35
Total Liabilities	3,283,190.63	3,246,045.84	3,546,132.44

Equity

(Unit : Thousand baht)	2019	2020	2021
Issued And Paid-Up Share Capital	9,724,833.65	9,724,833.65	9,724,833.65
Premium (Discount) On Share Capital	89,240.25	89,240.25	89,240.25
Retained Earnings (Deficits)	(161,796.06)	183,188.17	160,429.48
Other Components Of Equity	(4,134.46)	(4,134.46)	(4,134.46)
Equity Attributable To Owners Of The Parent	9,648,143.38	9,993,127.62	9,970,368.92
Total Equity	9,648,143.38	9,993,127.62	9,970,368.92

Statement of Comprehensive Income

Statement of Comprehensive Income

Statement of Comprehensive Income

(Unit : Thousand baht)	2019	2020	2021
Revenue			
Revenue From Operations	13,054,743.73	18,202,525.60	20,923,382.04
Total Revenue	13,172,252.54	18,261,847.57	20,995,229.99
Cost And Expenses			
Costs	12,296,909.20	16,860,030.00	19,378,744.04
Selling And Administrative Expenses	832,478.37	775,923.18	1,237,454.23
Total Cost And Expenses	12,903,217.64	17,697,608.55	20,616,198.27
Share Of Profit (Loss) From Investments Accounted For Using The Equity Method	29,456.01	62,450.60	86,431.31
Finance Costs	67,982.85	69,019.25	49,456.71
Income Tax Expense	133,185.48	14,858.42	91,226.53
Net Profit (Loss) For The Period	94,022.24	560,142.00	330,219.14
Net Profit (Loss) Attributable To : Owners Of The Parent	94,022.24	560,142.00	330,219.14
Basic Earnings (Loss) Per Share (Baht/Share)	0.09000	0.55000	0.32258
EBITDA	808,830.70	1,327,273.83	1,182,799.53
Operating Profit	(80,957.88)	514,368.51	307,183.77
Normalize Profit	97,322.58	542,811.95	324,779.79

Statement of Cash Flow

Statement of Cash Flow

Statement of Cash Flow

	2019	2020	2021
Net Cash From Operating Activities			
Depreciation And Amortisation	513,640.12	683,254.16	711,897.15
Net Cash From (Used In) Operating Activities	624,749.24	391,686.57	1,115,382.86
Net Cash From Investing Activities			
Payment For Purchase Of Fixed Assets	(293,217.89)	(323,295.36)	(225,582.73)
Net Cash From (Used In) Investing Activities	(143,494.33)	(152,274.71)	(267,876.47)
Net Cash From Financing Activities			
Dividend Paid	(153,549.24)	(204,732.32)	(358,281.56)
Net Cash From (Used In) Financing Activities	(563,056.36)	(806,786.36)	(1,083,501.22)

Financial Ratios

Financial Ratios

Liquidity

	2019	2020	2021
Current ratio (times)	3.63	3.25	2.18
Quick ratio (times)	2.72	2.15	1.37
Cash flow liquidity ratio (Average) (times)	0.34	0.21	0.45
Average account recievable turnover (times)	-	-	-
Average collection period (days)	-	-	-
Average finish goods turnover (times)	-	-	-
Average finish goods turnover period (days)	-	-	-
Average inventory turnover (times)	-	-	-
Average inventory turnover period (days)	-	-	-
Average account payable turnover (times)	-	-	-
Average payment period (days)	-	-	-
Average cash cycle (days)	-	-	-

Profitability

	2019	2020	2021
EBITDA margin (%)	6.14	7.27	5.63
Gross profit margin (%)	5.81	7.38	7.38
Operating margin (%)	2.26	3.54	2.25
Net profit margin (%)	0.71	3.07	1.57
Return on equity (ROE) (Average) (%)	0.97	5.61	3.31
Capacity utilization rate (%)	-	-	-
Fixed asset turnover ratio (times)	-	-	-
Gross profit margin (from project for sale) (%)	-	-	-
Operating margin before fuel expenses (%)	-	-	-
Other income to total income (%)	-	-	-
Cash from operation to operating profit (%)	-	-	-

Financial Policy

	2019	2020	2021
Interest coverage ratio (times)	-	-	-
Debt service coverage ratio (times)	1.83	2.35	1.55
Total debts to total equity (times)	0.34	0.32	0.36
Interest-bearing debt to equity ratio (times)	0.18	0.13	0.08
Dividend per shares (baht/share)	-	-	-
Dividend payout ratio (%)	-	-	-
Dividend yield (%)	-	-	-
Debt from financial institutions to total liabilities (times)	-	-	-
Interest bearing debt due in 1 year to total interest bearing debt (times)	-	-	-
Interest bearing debt to EBITDA ratio (times)	-	-	-

Efficiency

	2019	2020	2021
Asset turnover (Average) (times)	-	-	-
Return on asset (ROA) (Average) (%)	-	-	-
Return On Fixed Assets (%)	-	-	-