

TTCL



COMPANY PROFILE
JOY OF ENGINEERING AND ACHIEVEMENT WITH ALL OUR MIGHT
FIRST CLASS INTERNATIONAL ENGINEERING COMPANY

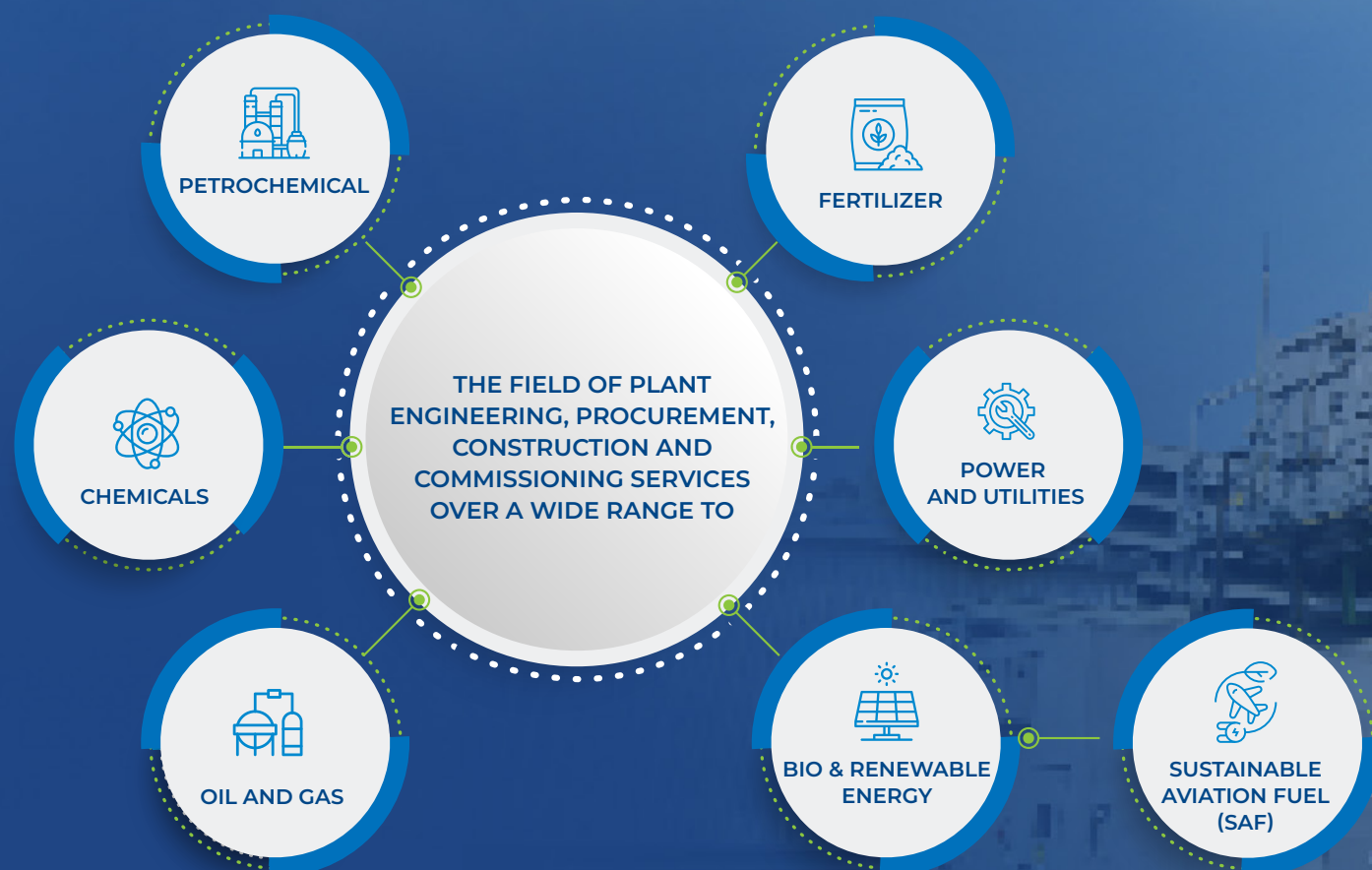


ABOUT TTCL

WE ARE

TTCL Public Company Limited

TTCL is the first integrated Engineering, Procurement and Construction (Integrated EPC) Company in Thailand. We have extensive experience and expertise in providing integrated design and engineering, procurement of machinery & equipment, and construction of turnkey projects for industrial and process plants, primarily in petrochemical, chemical, oil and gas, fertilizer, power and energy sectors.



Our competitive edge, driven by cost efficiency and specialized engineering teams for managing several kinds of project and complex technologies, has enabled TTCL to expand its presence in both domestic and international markets



TTCL'S FOOTPRINT

UNITED STATE OF AMERICA

- 17 Chlor-Alkali
- 13 CO2 Capture
- 07 VCM & Chlor-Alkali
- 05 Chlor-Alkal

QATAR

- 13 Desalination
- 15 Desalination
- 20 Heat Recovery Plant

SPAIN

- 11 Chlor-Alkali

UAE

- 10 DTEC

BANGLADESH

- 04 DAP
- 22 Chlor-Alkali

THAILAND

- 23 SAFU
- 22 Biopolymer
- 22 Carbon Black
- 22 Chlor-Alkali
- 21 Clean Product Euro-V
- 20 TOP SPP Power Plant
- 19 Olefins Reconfiguration
- 18 Ethylene Expansion
- 15 LLDPE & Hexene-1
- 14 CPVC Resin
- 14 Power Plant
- 13 PBS
- 12 MMA & TMAA

- 11 SSBR
- 11 Chlor-Alkali
- 11 Photovoltaic Electric
- 10 Epichlorohydrin
- 09 1-6 Hexanediol
- 08 Hydrogen Peroxide
- 08 Bisphenol-A
- 07 Methyl Methacrylate
- 07 Chlor-Alkali
- 06 LLDPE
- 06 LDPE
- 06 Ethane Cracker
- 05 VCM

Türkiye

SPAIN

QATAR

UAE

TÜRKIYE

- 24 SAFU
- 25 PTU

AUSTRALIA

- Charcoal Modules

BANGLADESH

MYANMAR

INDONESIA

MALAYSIA

MALAYSIA

- 20 Syndiotactic Poly-Styrene
- 14 OSBL for Steam Cracker Complex
- 12 Photovoltaic Electric
- 11 Rare Earth
- 09 Bio-Pellet (FS)
- 98 OXO (Engineering)

CHINA

LAOS

VIETNAM

MYANMAR

- 12 Power Plant
- 97 Aviation Fueling

CHINA

- 06 MDA/UAT
- 04 MMDI
- 03 Polymer

LAOS

- 15 KCI

PHILIPPINES

- 11 PE Expansion

VIETNAM

- 23 Refrig. LPG Termina
- 18 LLDPE
- 12 Ammonium Nitrate
- 11 DAP2
- 10 Ethanol
- 05 Dun Quat Refinery (Engineering)
- 97 NPK Fertilizer

TIMOR LESTE

- 18 Petrochem (FEED)
- 13 Refinery (FEED)

INDONESIA

- 10 Chlor-Alkali (FEED)

AUSTRALIA

PHILIPPINES

TIMOR LESTE

With over 40 years of experience as a leading provider of Integrated EPC services, the Company group has successfully designed and constructed more than 400 projects. These achievements showcase our reputation and clients trustworthy for delivering quality design and construction, meeting project timeline, and ensuring safety throughout operations.



+40 YEARS
OF EXPERIENCE



+400 PROJECTS
SUCCESSFULLY DESIGNED
AND CONSTRUCTED



WE CONTINUOUSLY DELIVERS
HIGH QUALITY SERVICES
SUCCESSFULLY DESIGNED & CONSTRUCTED

Currently, the Company has made a substantial progress in developing the various new energies and biomass projects. This expansion has transformed us into more than an integrated EPC contractor; we have also become the project developers with wealth of experience. The Company continuously delivers high quality services and expands its investment portfolio especially in sustainable energy business.



TTCL'S MILESTONES OVER THE YEARS



TOYO - THAI CORPORATION LTD.

Establishment of
Toyo-Thai Corporation Limited
(TTCL)

1985

1987

Expanded its International
Business to USA, Qatar,
China, Vietnam, Malaysia
and Myanmar



Certified for the Quality
Management System
ISO 9001:2000

2002

2006

Received orders for
3 Grassroots world-scale
Petrochemical Plants



Listed company in
the Stock Exchange of Thailand

2008

2015

Changed the company name to
"TTCL Public Company Limited"



Acquired the share of
Blackwood Technology B.V.

2020

2021

Establishment of
TTCL Bio Company Pte. Ltd.



Establishment of
NT Biomass Product Co., Ltd
and Ariya Biofuel Co., Ltd.

2023

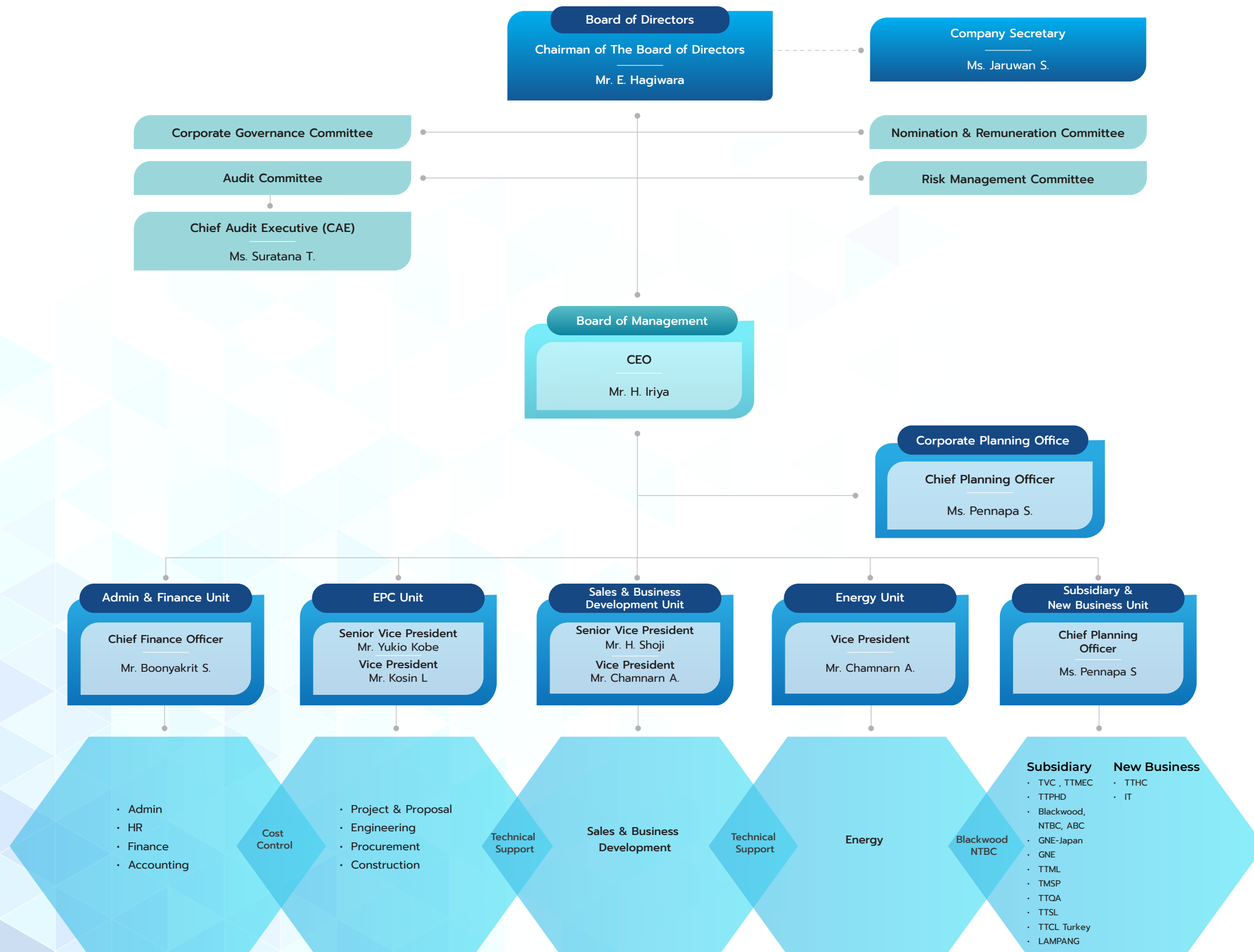
2025

The launch of Thailand's
first Sustainable Aviation
Fuel (SAF) production plant,
with TTCL as the main
EPC contractor.





COMPANY ORGANIZATION





BOARD OF DIRECTORS



MR. EIJI HAGIWARA

Chairman of the Board of Directors / Independent Director /
Chairman of Nomination & Remuneration Committee /
Audit Committee



POL. LT. SIVARAKS PHINICHAROMNA

Vice Chairman of Board of Directors /
Independent Director Chairman of Audit Committee



MR. HIRONOBU IRIYA

Director (Authorized to Bind the Company) /
Chief Executive Officer (CEO)



MRS. NIJAPORN CHARANACHITTA

Director (Authorized to Bind the Company)



MR. TIWA JARUKE

Director (Authorized to Bind the Company)



MS. KANTIKA TANTHUVANIT

Director (Authorized to Bind the Company)
Nomination and Remuneration Committee



MR. YASUhide KANO

Director (Authorized to Bind the Company)



MR. YUKIO KOBE

Director (Authorized to Bind the Company) /
Senior Vice President EPC Unit



ACTING SUB LT. KUNTIMA SUENGBANGYANG

Director (Authorized to Bind the Company)



MS. THANATCHAPHON KHWANMONGKOL

Director (Authorized to Bind the Company)



MR. SUVIT MANOMAIYANON

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



MR. NUTTACHAT CHARUCHINDA

Independent Director



BOARD OF MANAGEMENT



MR. HIRONOBU IRIYA

Director (Authorized to Bind the Company)
Chief Executive Officer (CEO)



MS. PENNAPA SAKCHAICHREARNKUL

Chief Planning Officer / Corporate Planning Office /
Subsidiary & New Business Unit / Risk Management Committee



MR. BOONYAKRIT SAOWAN

Chief Financial Officer / Admin & Finance Unit /
Risk Management Committee



MR. YUKIO KOBE

Director (Authorized to Bind the Company) /
Senior Vice President EPC Unit



MR. HIROSHI SHOJI

Senior Vice President / Sales & Business Development Unit



MR. CHAMNARN ATSANATAM

Vice President / Energy Unit / Sales & Business Development Unit /
Corporate Governance Committee / Risk Management Committee



MR. KOSIN LEAWPAIROTE

Vice President / EPC Unit



OUR VISION & MISSION

TTCL IS TO BE

First Class International Engineering Company

WITH “BUILD UP WARMTH AND TRUST” ... “STAY YOUNG”
“UNITE IN HARMONY”... “SPEAK OUR MIND”

Joy of Engineering and Achievement with all our might

TTCL aims to be a company where everybody works with
joy of engineering and achievement

OUR VALUE CHAINS

As the goals, vision and mission under the sustainable development framework into determine direction of operation of all activities in value chains and to be create co-value between the company and all group of stakeholders through “SMART” goals.



SPECIFIC

To provide quality work for our customers



MEASURABLE

Establish statistically measurable goals to be used as a standard for operational development and maintenance of work quality, thereby ensuring customer satisfaction and trustworthiness leading to continuous service provision.



ACHIEVABLE

Conduct feasibility studies for new projects in collaboration with project owner, Joint Venture (JV) or investors to create co-value for the company. This includes the development of technology and the exploration of new innovations to be applied in operations, a contributing to project achievement.



REALISTIC

To achieve the truly requirement of all group of stakeholders



TIMELY

To establish clear work schedules, and deliver high quality work on time, ensuring the highest level of customer satisfaction.



OUR BUSINESS & SERVICES

CONSTRUCTION · OPERATION & MAINTENANCE (O&M) >

INVESTMENT >

OTHER SERVICES >



Engineering

Establish statistically measurable goals to be used as a standard for operational development and maintenance of work quality, thereby ensuring customer satisfaction and trust worthiness leading to continuous service provision.



Procurement

In providing the procurement services, the Company sources all necessary machines and equipment for the project from both domestic and overseas vendors / manufacturers. The Company negotiates for purchase conditions, execute inspection keep high quality and machine specifications, and equipment to conform to the engineering design and project schedule as an overall project.



OUR BUSINESS & SERVICES

ENGINEERING · PROCUREMENT >

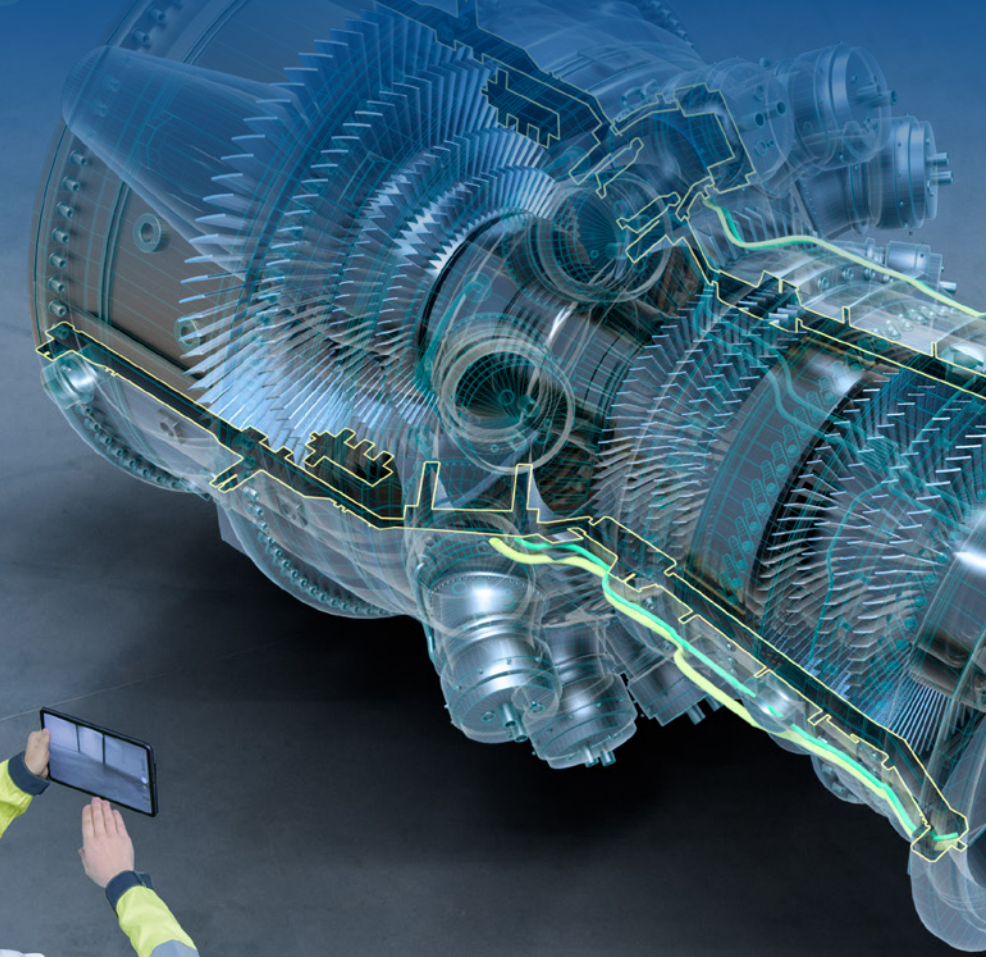
INVESTMENT >

OTHER SERVICES >



Construction

Throughout the construction project life cycle, the Company has responsibilities to control the quality of construction works within the project budget and schedule. To maintain a high performance and competitiveness, the Company assigns most appropriate construction and engineering teams that best fit to each particular project, and preserves a good relationship with project stakeholders including sub-contractors, vendors, and all concerned party.



Operation and Maintenance (O&M)

In response to requirement for a stable plant operation for the long term, the Company provides O&M services to maintain an effective operation for the plants, mainly in power generation and Torrefied pellet.



OUR BUSINESS & SERVICES

[ENGINEERING · PROCUREMENT](#) >

[CONSTRUCTION · OPERATION & MAINTENANCE \(O&M\)](#) >

[OTHER SERVICES](#) >



Investment

In response to requirement from clients, both Private and Governmental Entity, the Company can provide an investment service in addition to EPC, and this transaction can stabilize the Company income for a long term. The Company may invest into joint venture (JV) entity together with strategic partners.





OUR BUSINESS & SERVICES

ENGINEERING · PROCUREMENT >

CONSTRUCTION · OPERATION & MAINTENANCE (O&M) >

INVESTMENT >



Other Services

Feasibility Study

The Company can support the review of project's feasibility technically and commercially. During the feasibility study the Company will verify the followings:

- Technology selection
- Project cost estimation
- Economics and sensitivity study
- Financial arrangement
- Market investigation
- Facility design
- Optimizing process configuration
- Law and regulations

Patent and License

The Company has acquired Blackwood Technology (Blackwood) as torrefied pellet technology licensor. Accordingly, it is the business synergy that the Company can provide EPC service together with a license service via Blackwood and the Company can diversify the group profit.

Arrangement of Off-taker and Finance

By the Company's broad network based on EPC and investment experiences. The Company is able to arrange a reliable off-takers and lenders for the projects.

Arrangement of Feedstock

Together with strategic partners, the Company is able to arrange feedstock to biomass projects.





OUR PERFORMANCE REPUTATIONS : 1

OUR PERFORMANCE REPUTATIONS : 2 [➤](#)

CLIENT NAME	LOCATION	PROJECT DESCRIPTION	BUSINESS TYPE ¹	YEAR
VAO Energy Company Limited	Thailand	Waste Plastic to Petrochemical Feedstock Plant Project	FEED	2025
DB Tarımsal Enerji Sanayi ve Ticaret A.S.	Türkiye	Sustainable Fuel Development Project / Pre-Treatment Unit	E.P.Cm	2025
SIMCOA OPERATIONS PTY.LTD.	Australia	SIMCO Charcoal Modules Project	E.P.Cm	2024
DB Tarımsal Enerji Sanayi ve Ticaret A.S.	Türkiye	Sustainable Fuel Development Project / Sustainable Aviation Fuel Unit	FEED	2024
Rayong Engineering & Plant Service Company Limited	Thailand	MOCI Project	E.P.C.	2024
BSGF Co., Ltd.	Thailand	Sustainable Fuel Development Project / Gas Engine Generator, GEG HRSG#4	E.P.C.	2023
Yen Hung Petrochemical Joint Stock Company	Vietnam	YHP Refrigerated LPG Terminal Project	E.P.C.	2023
BSGF Co., Ltd.	Thailand	Sustainable Fuel Development Project / Sustainable Aviation Fuel Unit	E.P.C.	2023
Bangchak Corporation Public Co., Ltd.	Thailand	Enclosed Ground Flare Plant 2/3 Project	E.P.C.	2023
Bangchak Corporation Public Co., Ltd.	Thailand	Clean Product Quality Improvement Project (Euro V Project)	P.C.	2023
Thai MMA Co., Ltd.	Thailand	Methacrylic Acid#3 Project	E.P.C.	2023
NatureWorks Asia Pacific Co., Ltd.	Thailand	Sequoia Project / Lactic Acid, Lactide and Polymer	E.P.C.	2022
Thai Tokai Carbon Product Co., Ltd.	Thailand	TCP New Project Carbon Black	E.P.C.	2022
Dhaka Salt & Chemicals Limited	Bangladesh	City Group Chlor Alkali Plant Project	E.P.C.	2022
AGC Vinythai Public Co., Ltd.	Thailand	AGC-RCA 5 Project Chlor Alkali	E.P.C.	2022
PTT Public Co., Ltd.	Thailand	RTO System Packages for ESP and GSP6 / Regenerative Thermal Oxidizer	E.P.C.	2022
Qatar Petrochemical Company	Qatar	QAPCO HRSG Project-A	E.P.C.	2022
PTTEP SP LIMITED	Thailand	Sinphuhorm Central Booster Compressor and its Facilities	E.P.C.	2022
Rayong Engineering & Plant Service Co., Ltd.	Thailand	NBL Phase II Project	E.P.C.	2022
EGCO Cogeneration Co., Ltd	Thailand	EGCO Cogeneration SPP Replacement Project / Combined Cycle Power Plant	E.P.C.	2022
DHG Pharmaceutical Joint Stock Company	Vietnam	New Beta-lactam Factory meets GMP Standards	E.P.C.	2022
TOA (Thailand) Co., Ltd.	Thailand	Sunrise II / Pure Acrylic Resin	E.P.C.	2021
Shin-Etsu Engineering Co., Ltd	Thailand	Shintech Plaquemine CA Plant-S Phase 2 Project	E.P.C.	2021
Bangchak Corporation Public Company Limited	Thailand	Clean Product Quality Improvement Project (EURO V)	FEED E.PS.CM.	2021



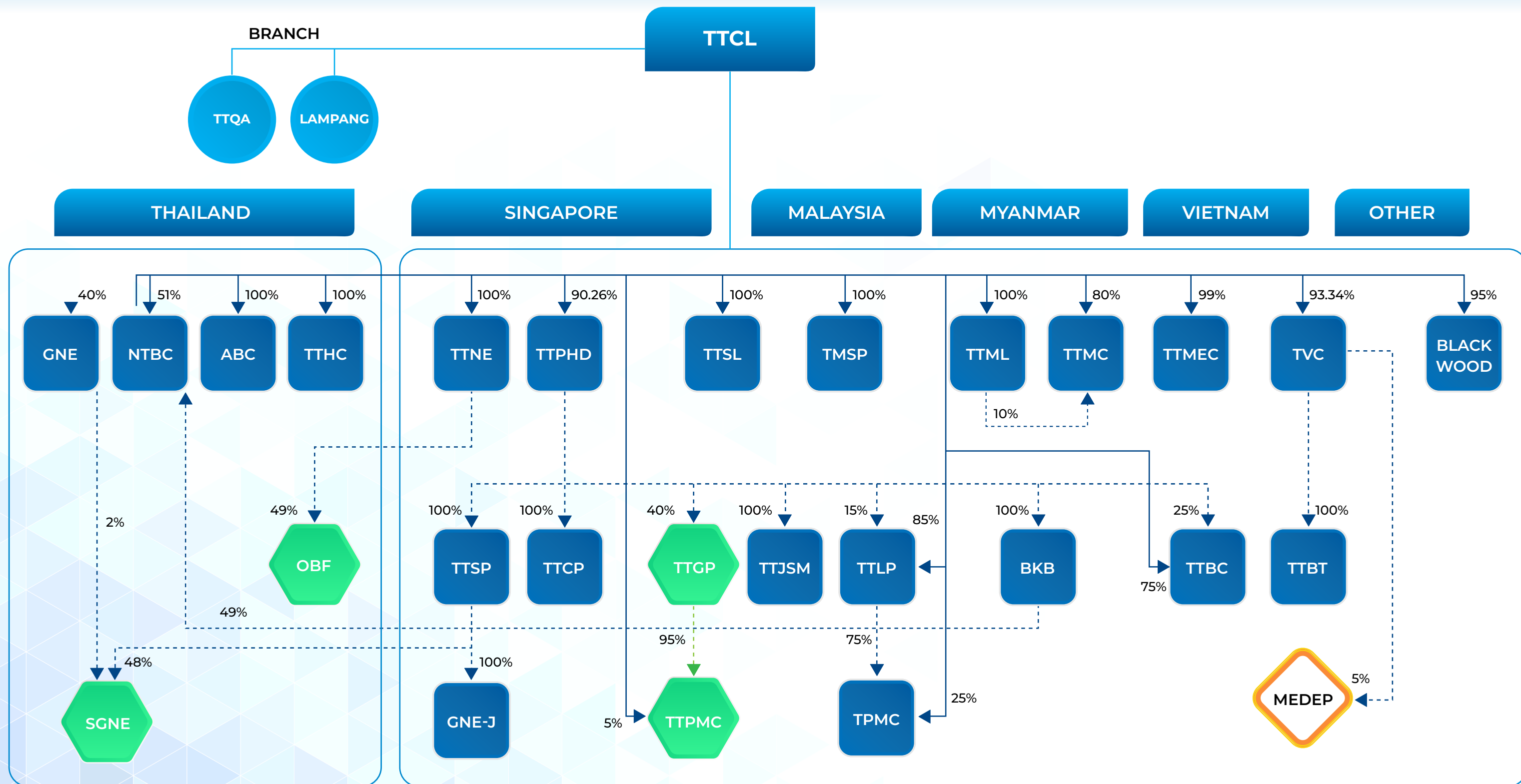
OUR PERFORMANCE REPUTATIONS : 2

OUR PERFORMANCE REPUTATIONS : 1 [➤](#)

CLIENT NAME	LOCATION	PROJECT DESCRIPTION	BUSINESS TYPE ^{/1}	YEAR
PROVINCIAL ELECTRICITY AUTHORITY	Thailand	PEA Substation, Khon Kaen 5	E.P.C.	2021
PTT Public Co., Ltd.	Thailand	GSP Logistics Management Phase 2 Project / Storage Tanks and Pipeline for Petrochemical Product	E.P.C.	2021
Idemitsu Green Energy Vietnam Co., Ltd.	Vietnam	Torrefied Pellet Plant	E.P.C.	2021
Thang Long Energy Environment JSC	Vietnam	Municipal Solid Waste to Energy	E.P.C.	2021
Nghi Son Refinery and Petrochemical Limited Liability Company	Vietnam	Refinery Biological Pond System	E.P.C.	2021
Qatar Petrochemical Company	Qatar	QAPCO HRSG Project	E.P.C.	2021
TOP SPP Co., Ltd.	Thailand	TOP SPP Expansion Project / Combined Cycle Power Plant	E.P.C.	2020
Vinythai Public Co., Ltd.	Thailand	PVC Pilot Plant Project	E.P.C.	2020
Idemitsu Advanced Materials (Malaysia) Sdn. Bhd.	Malaysia	2SP Project / Syndiotactic Poly-Styrene (SPS)	E.P.C.	2018
Long Son Petrochemicals Co.Ltd.	Vietnam	LSP LLDPE Project	E.P.C.	2018
Map Ta Phut Olefins Co., Ltd.	Thailand	MOCD2 Expansion Ethylene capacity expansion	P.C.	2018
Denko Petrochemical Management Co., Ltd.	Myanmar	Shwe Lin Pan Depot Project	E.P.C.	2018
Duc Thanh - Mui Ne Joint Stock Company	Vietnam	Solar Power Plant Construction	E.P.C.	2018
Shin-Etsu Silicones (Thailand) Limited	Thailand	SEST EX-41 Project	E.P.C.	2017
Shin-Etsu Engineering Co., Ltd	Thailand	Basic Engineering for A Project	E.P.C.	2017
Thai MMA Co., Ltd.	Thailand	Butyl Methacrylate #2 & Methacrylic Acid#2 Project	E.P.C.	2017
PTT Global Chemical Public Co., Ltd.	Thailand	LLDPE Expansion and Hexene-1 Project	E.P.C.	2015
Rayong Olefins Co., Ltd.	Thailand	ROC Debottlenecking Project / Capacity Expansion of Ethylene Plant	E.P.C.	2015
Qatar Electricity & Water Company	Qatar	Ras Abu Fontas A3 Desalination Project	E.P.C.	2015
Viet-Lao Chemical and Rock Salt Co., Ltd.	Laos	Rock Salt Exploitation and Processing Plant Construction	E.P.C.	2015
Toyo Engineering Corporation	Malaysia	Utility for SCC RAPID Project / Utility for Steam Cracker Complex	E.P.C.	2014



SUBSIDIARY AND AFFILIATE COMPANIES





CONTACT US



Get in Touch

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