



# GCME

## GC MAINTENANCE AND ENGINEERING COMPANY LIMITED



company profile

**Commit to Success**

22/2 Pakornsongkhraorat Road , Tambon Map Ta Phut  
Amphur Muang Rayong , Rayong 21150 , Thailand



## GC Maintenance and Engineering Company Limited (GCME)

### GCME | Introduction



**August 4th, 2004 :**

GC Maintenance and Engineering Company Limited (GCME) was founded as NPTC Maintenance and Engineering Services Company Limited by collaboration between National Petrochemical Public Company Limited (NPC) and Toyo Thai Corporation Limited (TTCL).

**November, 2007 :**

All TTCL's shareholding in NPTC was liquidated to PTT Public Company Limited (PTT PLC) then changed the name to Alliance Plant Service Company Limited (APS). Shareholder structure as below :

**June 18th, 2009 :**

APS was renamed to PTT Maintenance and Engineering Company Limited (PTTME)

**July 3rd, 2017 :**

All PTT's shareholding in GCME was liquidated to PTT Global Chemical Public Company Limited (GC).

**December 6th, 2018 :**

PTTME was renamed to GC Maintenance and Engineering Company Limited (GCME)

**"A Leader of Maintenance and Engineering  
Solution Provider in ASEAN"**



## Vision

A Leader of Maintenance and Engineering Solution Provider in ASEAN

## Mission

To provide excellence in Maintenance and Engineering services to Valued clients and support Growth of GC Group

## Vision

M : Mastering the Challenge	I : Innovation
E : Employee Dedication	R : Responsibility for Customers & Community
S : Service Excellence	I : Integrity & Ethics
P : Professionalism	T : Teamwork & Knowledge Sharing



# GCME

provides Core Services  
3 Businesses including

Maintenance Business  
Engineering Business  
And Plant Inspection Business

"A Leader of Maintenance and Engineering Solution Provider in ASEAN"



Maintenance Business



Engineering Business



Plant Inspection Business

## >> Since 2004

GC Maintenance and Engineering Co.Ltd. or GCME has provided services; Specialist Maintenance, EPC Project Management for Plant and Major equipment and Plant inspection to support valued client needs and focus on creating value added to production plant; Petrochemical, Polymer, Utility and Power.



# Engineering Business

## On Engineering Business

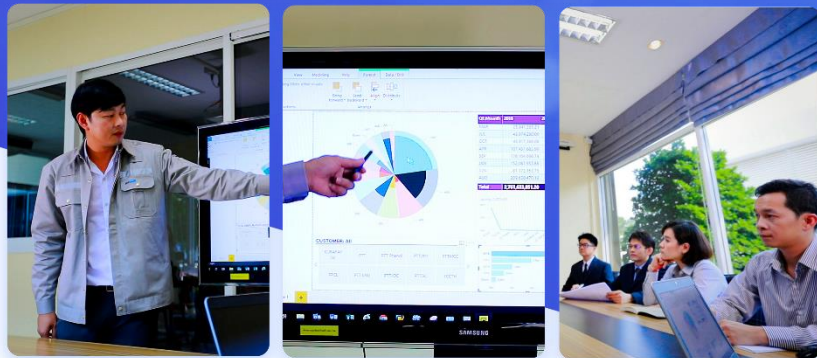
we support Plant Owner doing CAPEX Excellence by which creating Value Engineering to EPC Project Management by delivering Safety, on Time Schedule and in Budget.

- Feasibility Study
- Engineering Services (FEED, Basic Design and Details Design)
- EPC Project Execution (Engineering, Procurement, Construction, Commissioning including Plant Debottlenecking & Expansion)
- EPC Management Service (EPCm)
- Project Management Consultancy Service (PMC)
- Supporting Research & Development (Lab Scale Plant to Pilot Plant)
- 3D Point Cloud Solution and Services
- Manpower Supply
- Document Management





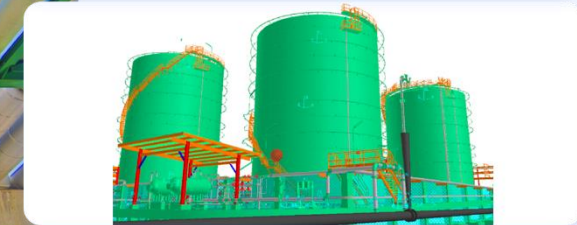
## Engineering Business FEASIBILITY STUDY



In case of a company planning to process into a new business or investment a new plant. Feasibility Study Services by GCME can be carried out to investigate of possibilities in project base on our Engineering Knowledge and Special Experience. We can recommend conceptual process design and optimum equipment configuration that meet the need of the customer. We can provide accurate estimate of equipment cost and estimate project value. Our Service propose the best selection model that optimize highly conceptual process design and economical proposal until you can finally decision.

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# ENGINEERING Services



GCME also provide Basic & Detail design engineering work that performed through coordination and team work among the specialized discipline engineers and project engineer. Base on international engineering design standard and high experience on plant facilities. We propose effective and reliability engineering design.





## EPC Project Execution

EPC services is main capability of GCME service. We propose Engineering, Procurement, Construction (EPC) lump sum turnkey service based on our high-level project management capabilities. we accumulated through successful experience of various projects to build project excellence with strong experience team. Our service offer excellence budget and schedule control.



## Engineering Business

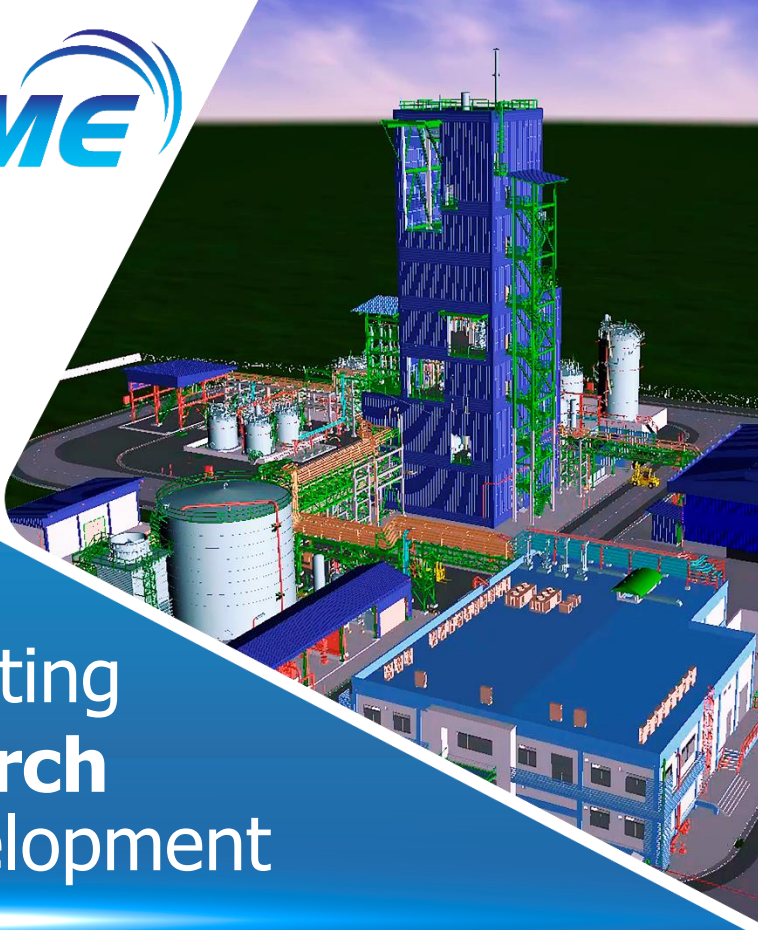
### EPC Management Service (EPCm)

Engineering, Procurement, and Construction management (EPCm) is execution management on function to provide engineering work, Sub-supplier and sub contractor management, Construction contractor management by following owner's procedure.



GCME will support owner doing contract with sub-contract but the contract will be issued from owner. GCME will work closely with customers to expedite project excellence.





# Supporting Research & Development

GCME collaboration with Licensor or research company to develop pilot scale for new technology and innovation process to commercial plant. It is important that technology companies choose to work with partners with real experience and expert in engineering skill. Our service purpose engineering excellence to integrate engineering knowledge base and special know how engineering process experience to implementation of process ideas in large scale from lab through pilot and demonstration to commercial with efficiency and reliability.



# 3D Point Cloud Solution and Services

The laser scanning technology provides accurate 3D point clouds. It ensures that projects can enjoy accurate as-is information with a minimum of trips to the site and optimized workflow for engineers.



- 3D laser scanning technology is the quick answer to give a significant outcome and apply to broad applications such as manufacturing life cycle, engineering, design, development, surveying or clashing check.
- Laser scanning is the fastest, most accurate, and automated way to acquire 3D digital data for reverse engineering. The point cloud data is used to create a 3D CAD model enables the precise reproduction of the scanned object, or the object can be modified in the CAD model to correct imperfections.





## Manpower Supply

GCME has expertise, specialist and experienced engineers. We can provide our staff to work with client .



## Document Management



GCME can provide system and team to manage document for each project. So you don't have to worry about all paper work. You will be able to find documents wherever you are online. It's easy and it is for modern life.



### Have you ever encountered these problems?

- Documents lost.
- The central folder of document is nowhere to be found.
- Staff resign. New crew don't know where to find the documents.
- The document are uncompleted.



Main Resource of GCME is Specialist which has Expertise on Work System and Certified by Integration Management System (IMS), ISO 10006.

We also have Workshop Facilities, Tools and Equipment with High Technology.



# Main Resource of GCME



# GCME

# GCME



## GCME concentrates



to provide Service Excellence in order to create Plant Production Efficiency with our Experience in Maintenance and Engineering in Plant Owner and expand to be a Leader in ASEAN.





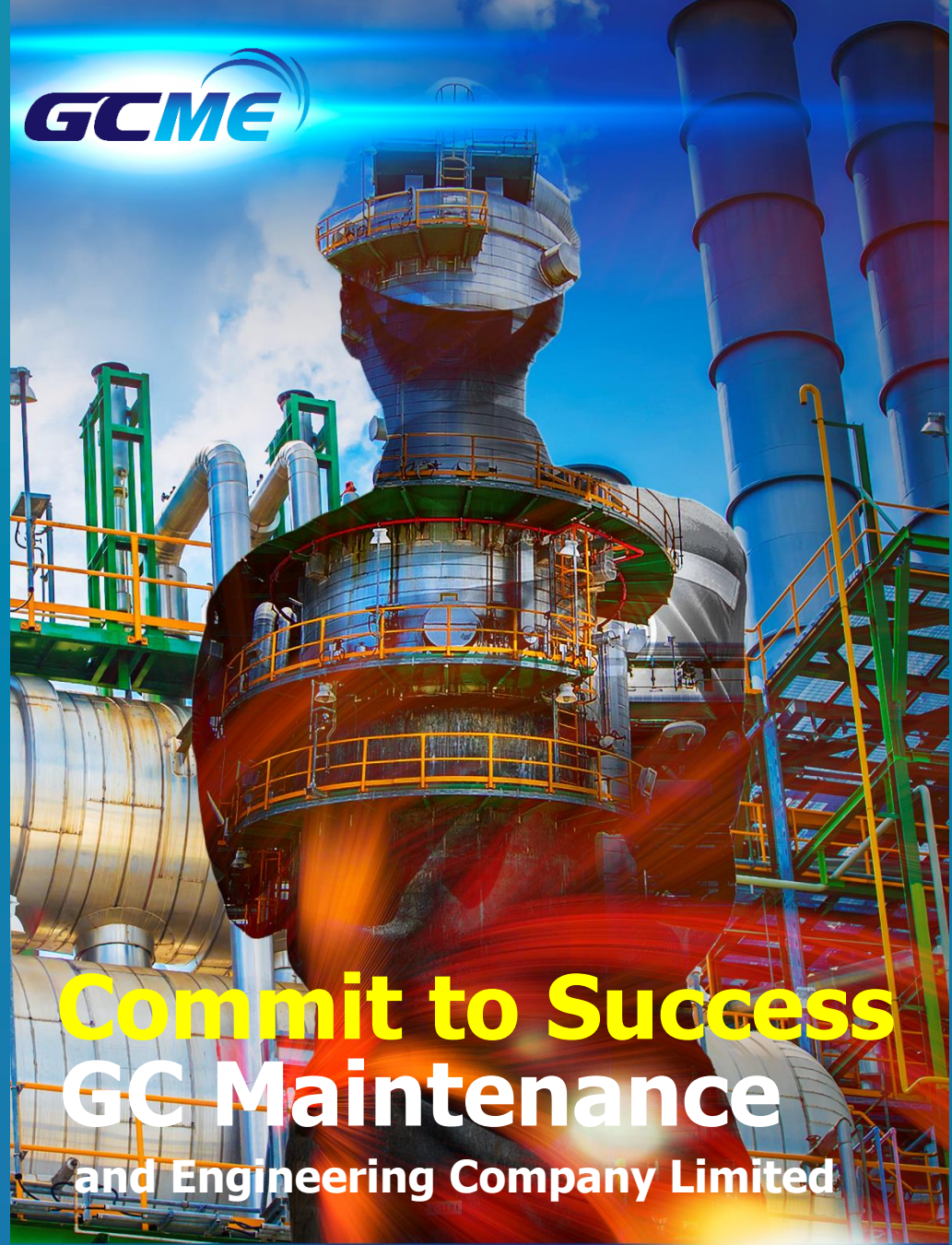
# GC Maintenance and Engineering Company Limited



## Contact us

Engineering Business

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**GCM E**



**Thank you**

