



CHEC (THAI) COMPANY LIMITED



CHEC (THAI) COMPANY LIMITED

We are building a Closer World!
We are sharing a Better Life!
We are creating a Brighter Future!

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01

CHEC

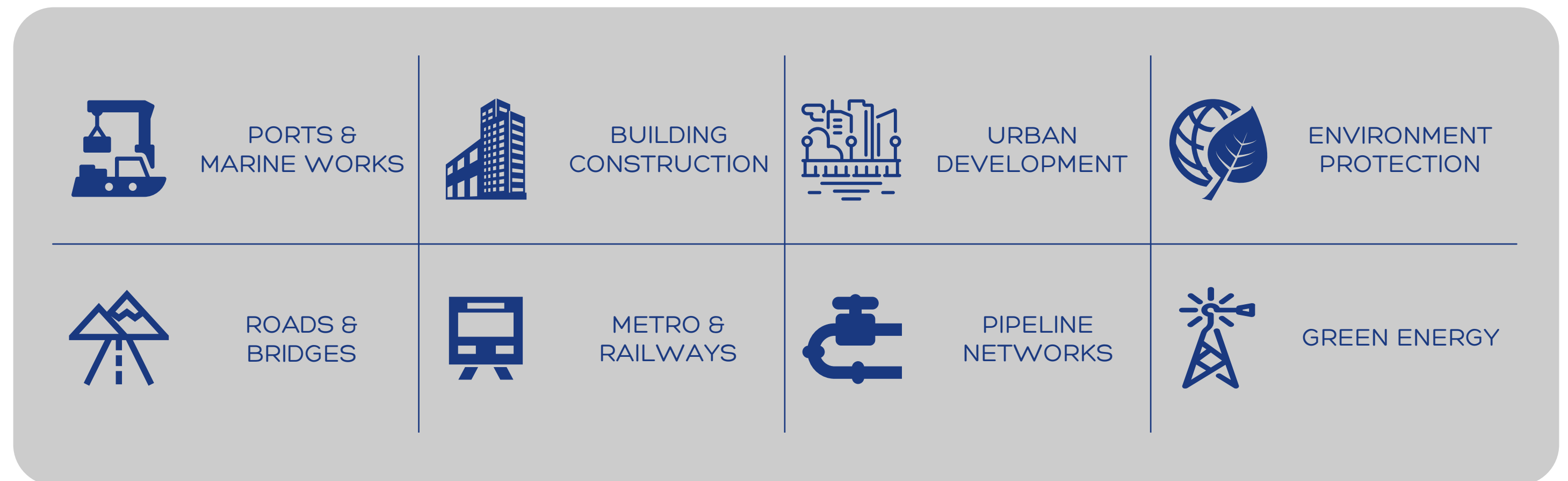


WHO WE ARE

China Harbour Engineering Company Limited (CHEC) was established in 1980s.

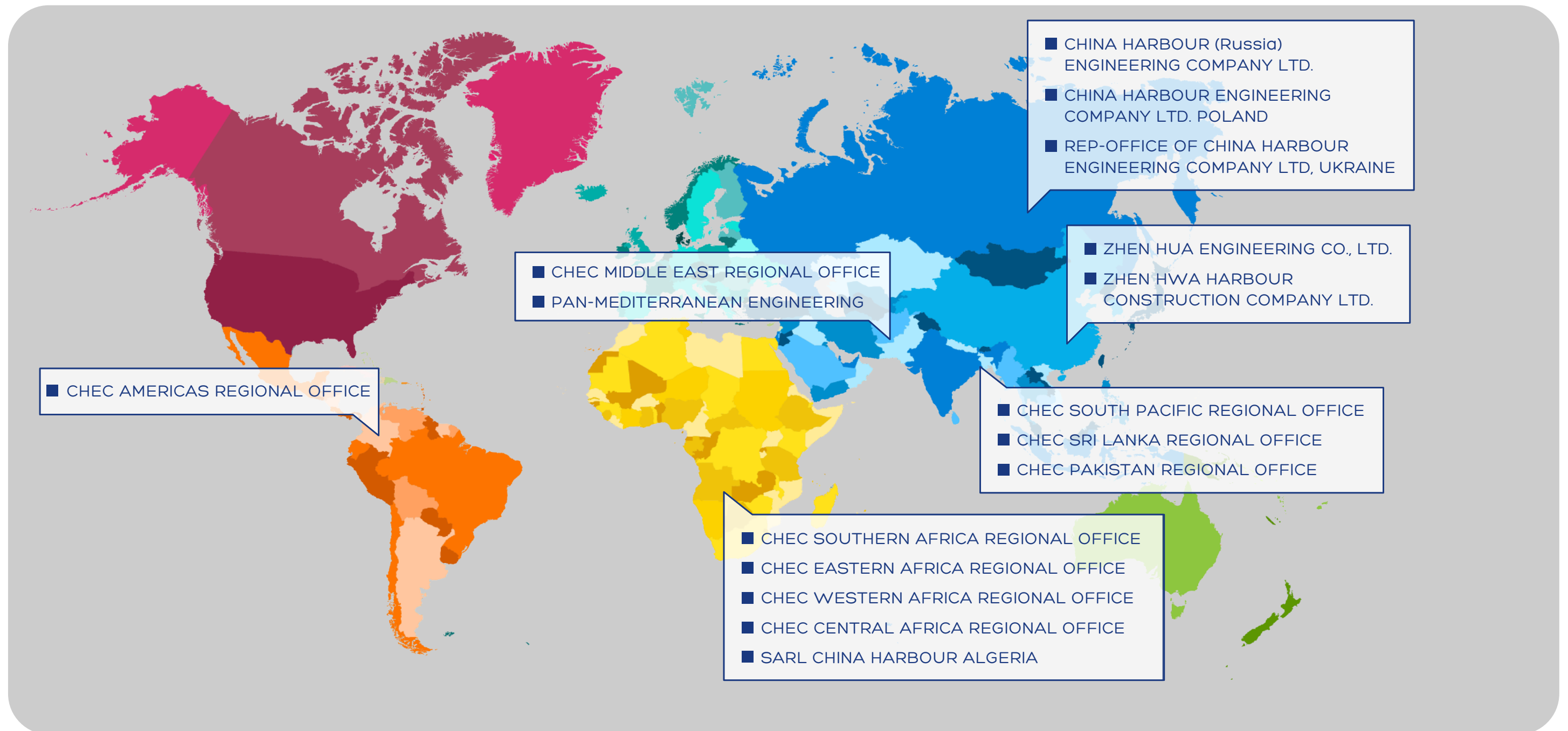
CHEC is a subsidiary of China Communications Construction Company Limited (CCCC), a Forbes Fortune Global 500 companies. CHEC represents CCCC in operating and expanding its business outside of China.

As the world's leading comprehensive infrastructure service provider, we adhere to industry leadership, continue to consolidate and expand our existing advantages in;



GLOBAL PRESENCE

CHEC has explored the overseas markets and currently has more than 90 branches and subsidiaries around the world, with more than 20,000 employees worldwide, and businesses covering over 100 countries.



WHAT WE DO

CHEC has the ability to provide comprehensive integrated solutions to its clients from strategic planning, feasibility study, FEED, finance, investment, design, value engineering, construction to maintenance and operation. In summary, our scope of service covers all 5 stages, as follows;

- Project Investment
- Project Management
- Project Construction
- Project Operation
- Project Exit

CHEC's huge pool of high caliber employees enables it to maintain a thorough control on the safety, quality and efficiency. By the tailored-made delivery solution and partnering with the worldwide clients, CHEC is confident that it is able to maximize the value for each and every clients.

As a flag bearer of the Belt and Road Initiative, guided by its philosophy, CHEC actively contributes to the development of the regional economy being a high quality service provider whilst acting as a responsible partner for social development.



REFERENCE PROJECTS IN GLOBAL MARKET

Investment Projects

CHEC has invested in many large-scale projects worldwide, with estimated total investment amount more than USD 14.34 Billion, such as;

- Ports : Lekki Deepwater Port, Nigeria (USD 1.044 Billion)
- Roads & Bridges : Mar 2 Expressway, Colombia (USD 1.076 Billion)
- Roads & Bridges : North-South Expressway, Jamaica (USD 734 Million)
- Railways : Bogota Metro Line 1, Colombia (USD 935 Million)
- Urban Development : Colombo Port City Development Project, Sri Lanka (USD 1.4 Billion)
- Urban Development : Grand Avenue Mixed-use Building, Los Angeles USA (USD 1.1 Billion)
- Urban Development : Kuantan International Logistics Park, Malaysia (USD 326 Million)

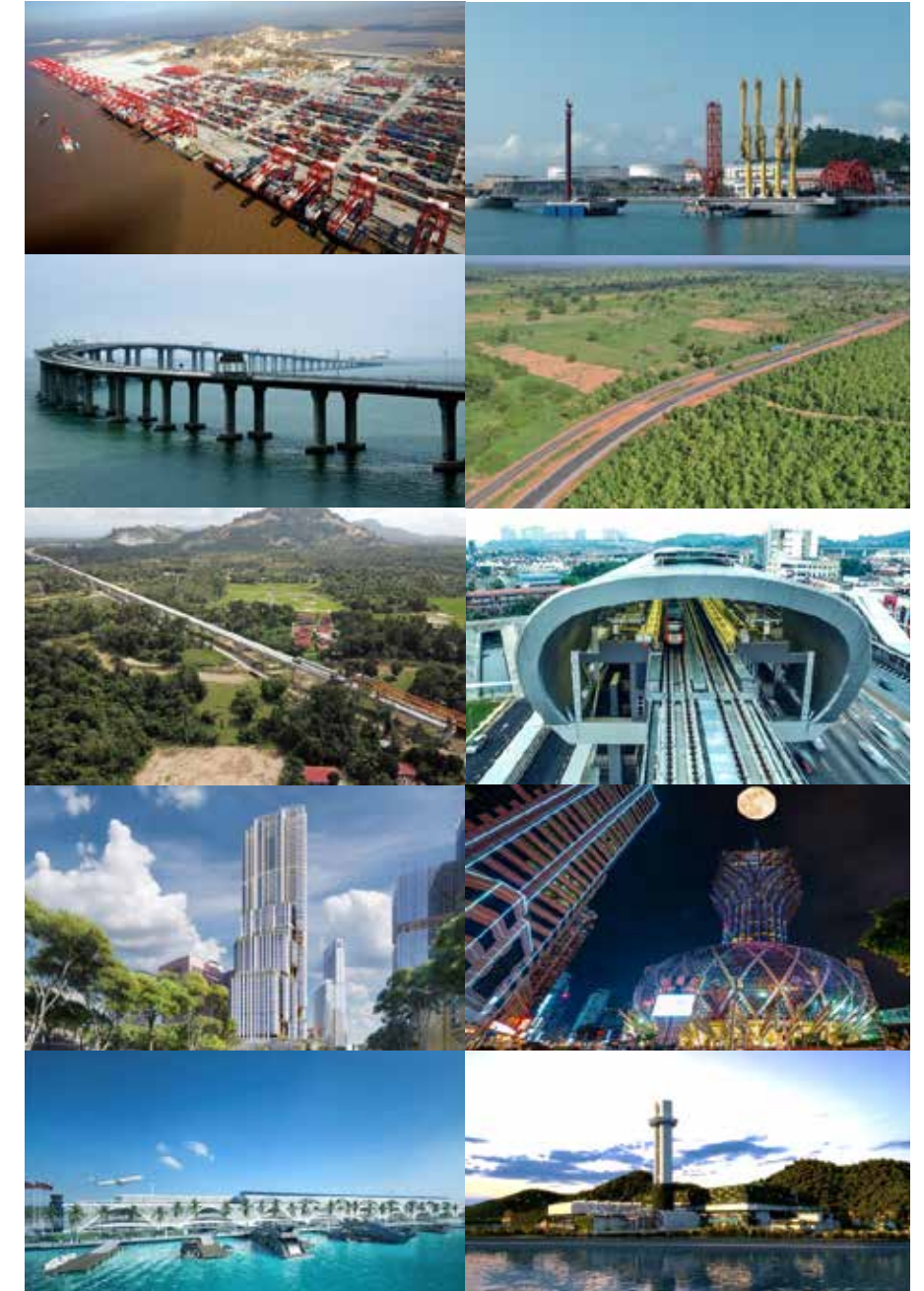


REFERENCE PROJECTS IN GLOBAL MARKET

Construction Projects

CHEC has designed, built and/or operate various large-scale Projects Worldwide, such as;

- Ports : Shanghai Yangshan Port, China
- Ports : Jazan Economic City Commercial Port, Saudi Arabia EPC+O
- Roads & Bridges : Hong Kong-Zhuhai-Macao Bridge Project (USD 5.5 Billion)
- Roads & Bridges : Southern Expressway, Sri Lanka (USD 193.28 Million)
- Roads & Bridges : Kribi Deep Sea Port Dredging Expressway Phase I, Cameroon EPC + O&M (USD 453.89 Million)
- Railways : East Coast Rail Link, Malaysia (USD 11.281 Billion)
- Railways : Beijing - Zhangjiakou High-Speed Railway, China (USD 230.85 Million)
- Urban Development : Grand Lisboa Macao, China (USD 406.99 Million)
- Urban Development : 8 Shenton Way, 63-Storey Mixed-use Building, the highest building in Singapore (USD 600 Million)
- Airports : Expansion of the Velana International Airport, Maldives (USD 395 Million)
- Airports : Hambantota International Airport, Sri Lanka (USD 209 Million)
- Waste Treatment : Hong Kong Integrated Waste Treatment Facilities, China DB+O (USD 100 Million)
- Waste Treatment : Tuas Nexus - Tuas Water Reclamation Plant and Integrated Waste Management Facility, Singapore (USD 189.9 Million)



BUSINESS CONDUCT PRINCIPLES

01

ANTI-BRIBERY & CORRUPTION

02

ANTI-DISCRIMINATION

03

ANTI-SEXUAL
HARASSMENT

04

GENDER EQUALITY
AND SOCIAL INCLUSION

05

ANTI-CHILD LABOUR

02

CHEC (THAI)



WHO WE ARE & WHAT WE DO

China Harbour Engineering Company entered into Thai market in late 1980's and registered as CHEC (THAI) since 1994, with a registered capital of THB 500 Million. CHEC (THAI) is the Official representative of China Communications Construction Company (CCCC) and China Harbour Engineering Company (CHEC) in Thailand.

Currently, CHEC (THAI) focuses on various infrastructure segments including

- Ports and Marine works
- Roads and Bridges
- Metro and Railways
- Building Construction
- Urban Development
- Green and Renewable Energy
- Data Centers
- Factories

CHEC (THAI) is an active member and also hold the position of Secretary General of Chinese Enterprises Association in Thailand. Moreover, CHEC (THAI) is also a member of The Federation of Thai Industries and Thai Real Estate Association.



REFERENCE PROJECTS IN THAILAND MARKET

Investment Projects

In 2021, GPC Joint Venture, consisting of CHEC Oversea Infrastructure Holding Company Limited (CHEC OVERSEA), Gulf Energy Development Public Company Limited (GULF) and PTT Tank Terminal Company Limited (PTT TANK) successfully signed PPP, with Port Authority of Thailand (PAT), on the investment project of Laem Chabang Seaport Phase 3 (Terminal F), joining with Gulf Energy Development and PTT Tank, with an investment more than USD 1 Billion. (THB 32 Billion)



REFERENCE PROJECTS IN THAILAND MARKET

Construction Projects

Prominent projects are including;

- Roads & Bridges: Rama VIII Bridge
- Roads & Bridges: Southern Bangkok Outer Ring Expressway
- Roads & Bridges: Rama3 - Dao Khanong - Western Bangkok Outer Ring Road Expressway: Contract 2
- Railways: MRT Green Line (North) Project
- Railways: Track Doubling Chacheongsao-Khlong Sib Khao-Kaeng Khoi
- Buildings: Workshop #2 of the Rubber Manufacture for Zhongce Rubber
- Buildings: Intelligent Manufacturing Base Civil Construction for IFOUND PCB (THAILAND) CO., LTD.
- Airports: Soft foundation treatment project of the third runway of Thailand Suvarnabhumi Airport
- Ports: Laem Chabang Port Phase 1, Terminal D1, D2, D3 (Civil Works)
- Ports: Laem Chabang Port Phase 3 (Section 2), Construction of Buildings, Port, Roads, and Facilities
- Dredging Works: Marine Department's perennial dredging & maintenance Project
- Pipeline networks: Samutprakarn Wastewater Pipeline Project
- Data Centers & Factories

There were 60 construction contracts signed with total value up to THB 49.55 Billion or equivalent to USD 1.55 Billion through out 32 years operations in Thailand.

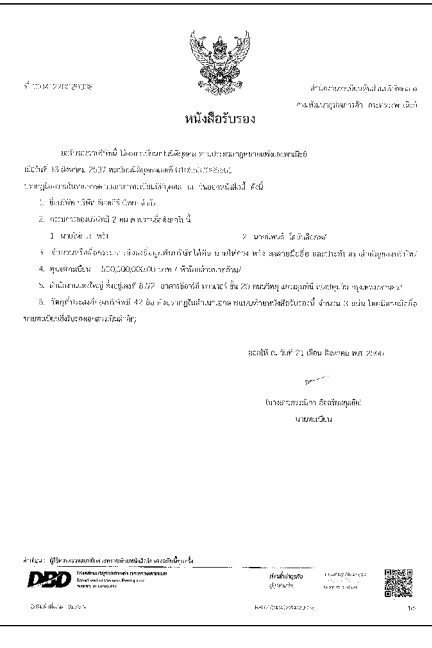
CERTIFICATE & LICENSE

In August 1994, CHEC (THAI) Co., Ltd. was established in Thailand with business scopes include; asset trading, engineering construction, logistics business, legal consultation and etc.

In 2022, CHEC (THAI) was certified with ISO 9001:2015 for Engineering, Procurement, Construction, Project Management and Investment in Infrastructure Projects. In 2026, CHEC (THAI) received ISO 45001 certification, respectively.



ISO Certificate



Business Registration Certificate



Registration of construction operators with The Comptroller General's Department



CHEC (Thai) has special-level Licenses for Marine Construction from the Comptroller's General Department and special-level License for River Dredging and Maintenance from the Marine Department.



03

COMPLETED
PROJECTS



COMPLETED PROJECTS

MRT Green Line (North) Project Contract 2: Civil Works of the MRT Green Line Project: Saphan Mai - Khu Khot Section

Client:

Mass Rapid Transit Authority of Thailand (MRTA)

Contract Sum:

USD 205 Million / THB 6,657 Million

Main works:

6.8 Kilometer from Saphan Mai station to Khu Khot station, which includes 4 elevated stations, buildings, track works, supporting facilities, as well as power supply, drainage and other municipal works



COMPLETED PROJECTS

Samutprakarn Wastewater Pipeline Project

Client:

Pollution Control Department (PCD)

Contract Sum:

USD 17 Million / THB 553 Million

Construction Period:

Feb 1999 - Aug, 2003

Main works:

Construction of a new wastewater pipeline, with a length of approximately 3.4 kilometer



COMPLETED PROJECTS

Southern Bangkok Outer-ring (Bangplea-Suksawad) Expressway

Client:

Ch. Karnchang Plc.

Contract Sum:

USD 119 Million / THB 3,870 Million

Construction Period:

Aug 2004 – Dec 2010

Main works:

This Project consist of construction of six lanes in two-way elevated expressway, in total length of 8.649 kilometer



COMPLETED PROJECTS

Track Doubling Chacheongsao - Khlong Sib Khao - Kaeng Khoi Section Contract 1

Client:

State Railway of Thailand (SRT)

Contract Sum:

USD 65 Million / THB 2,129 Million

Construction Period:

Apr 2016 – Feb, 2019

Main works:

The Project consists of total length about 24 kilometer including pavement works, lay track ballast, track beds and tracks, and 7 railway bridges, as well as drainage, power supply and other facilities works.



COMPLETED PROJECTS

Workshop #2 of the Rubber Manufacture for Zhongce Rubber

Client:

Zhongce Rubber (Thailand) Co. Ltd.

Contract Sum:

USD 28.56 Million / THB 999.72 Million

Construction Period:

Sep 2016 - Sep 2017

Main works:

Workshop for Refining Rubber #2 Project consists of independent Foundation Column, Short Column, Ground and Door Project, Foundation Bolt, Steel Structure, Steel Stair, Ladder, Wall Cladding System, Water Supply and Drainage System.



COMPLETED PROJECTS

Terminal D1, D2, and D3 Laem Chabang Port, Phase 1 - Civil Works and Supplementary Agreement No. 1: Additional 700.4 m of Quay

Client:

Hutchison Laemchabang Terminal Ltd.

Contract Sum:

USD 184 Million / THB 5,983 Million

Construction Period:

Sep 2016 – Jan 2021

Main works:

This Project consists of a 1,000 meter and 700.4 meter high-pile terminal, a 285,000 square meter container yard and other utility works.



COMPLETED PROJECTS

Dredging and Maintenance the 2nd Channel entrance to Bangkok Port in Samutprakarn Province.

Client:

Marine Department (MD)

Contract Sum:

USD 3.4 Million / THB 111 Million

Construction Period:

Jan 2022 - Oct 2022

Main works:

Dredging and channel maintenance, the dredging volume around 1,366,000 cubic meter was discarded at location specified in the contract.



COMPLETED PROJECTS

Intelligent manufacturing base civil construction Project for IFOUND PCB (Thailand) Co. Ltd.

Client:

IFOUND PCB (Thailand) Co. Ltd.

Contract Sum:

USD 24.05 Million / THB 818.53 Million

Construction Period:

Jan 2024 - Oct 2025

Main works:

3 floors production plant (48,843 SQ.M.)
The wastewater treatment plant (7,204 SQ.M.)
The chemical warehouse (2,754 SQ.M.) and
the canteen (5,191 SQ.M.) and other facilities



COMPLETED PROJECTS

The Enabling Works for K2 Data Center BKK31 & BKK32 Project

Client:

K2 Strategic Infrastructure (Thailand) Limited

Contract Sum:

USD 7.35Million / THB 235.2 Million

Construction Period:

July 2025 - March 2026

Main works:

Earthwork grading for zones V10 and V12;
Piling, pile cap construction, and concrete pouring for the ground-floor slab in the main data center and MEP Yard areas;

Piling and pile cap construction for all ancillary building areas;

MEP works under ground level in the main data center and MEP Yard;

BIM technical services, including BIM model establishment, model refinement and clash detection during implementation, and final BIM deliverables handover.





04

ON-GOING
PROJECTS



ON-GOING PROJECTS (Construction)

Rama III - Dao Khanong - Western Bangkok Outer Ring Road Expressway: Contract 2

Client:

Expressway Authority of Thailand (EXAT)

Contract Sum:

USD 200 Million / THB 6,440 Million

Construction Period:

May 2020 – Present

Main works:

This Project consists of an elevated expressway with a total length of 5.32 kilometer, which are 6 lanes in two-way, toll gate, and other utilities



ON-GOING PROJECTS (Construction)

Soft foundation treatment project of the third runway of Thailand Suvarnabhumi Airport

Client:

Airports of Thailand Plc.

Contract Sum:

USD 85 Million / THB 2,772 Million

Construction Period:

Sep 2022 - Present

Main works:

Ground improvement at Midfield Apron with the approximate area of 918,000 square meter



ON-GOING PROJECTS (Construction)

Construction of Laem Chabang Port Phase 3 (Section 2),
Construction of Buildings, Port, Roads, and Facilities

Client :
Port Authority of Thailand (PAT)

Contract Sum :
USD 208 Million / THB 7,298 Million

Construction Period :
2024 - 2027 (1,260 days from NTP)

Main works :
Road system work, building work, public
utility - system work ,coastal port work
and service port work



ON-GOING PROJECTS (Construction)

Ayana Residences, Phuket

Client :
T.H Group Phuket

Contract Sum :
USD 42.8 Million / THB 1,500 Million

Construction Period :
2025 - 2027

Main works :
Construction of 546 apartments, approximately 60,000 square meters. Includes civil construction and MEP, renovation, etc.



ON-GOING PROJECTS (Construction)

Marine Work (Jetty and Seawater Intake & Outfall) for Gulf MTP LNG Receiving Terminal Project at Map Ta Phut, Rayong, Thailand

Client :
GULF MTP LNG TERMINAL

Contract Sum :
USD 33.57 Million / THB 1,064 Million

Construction Period :
2026 - Present

Main works :
The project involves constructing one dedicated LNG berth with a total length of 385 meters, comprising four berthing dolphins, six mooring dolphins, an operation platform, and a 74.5-meter connecting trestle, along with supporting seawater intake and drainage facilities. The intake structure is a large specially-shaped caisson, and the drainage outlet is a doublebox culvert.



ON-GOING PROJECTS (Construction)

Thailand Asahi Optical Co., Ltd. New Factory Phase I Project

Client :

Thailand Asahi Optical Co., Ltd.

Contract Sum :

USD 31.95 Million / THB 1,050.25 Million

Construction Period :

2025 - Present

Main works :

The project covers a site area of approximately 40,600 square meters with a gross floor area of about 52,100 square meters, comprising Production Workshop A/B, Office Building, Chemical Warehouse & Solid Waste Warehouse, Raw Material Warehouse, Power House, Wastewater Treatment Station, and related supporting facilities.



ON-GOING PROJECTS (Construction)

Evolution Data Centres

Client :

HITC, Central Pattana, and Megawide

Contract Sum :

USD 60 Million / THB 1,920 Million

Construction Period :

2026.3 - 2026.12

Main works :

This project is a Tier III data center with a total IT load capacity of 12 MW, covering a site area of 8,150 m² and a gross floor area of 9,000 m². The development includes a four-story reinforced concrete main building and an attached four-story steel-framed structure for generator and equipment installation. The scope of work covers civil, structural, architectural, MEP, and external works, along with detailed design, BIM, LLE equipments installation, testing and commissioning. Designed to Tier III standards, the facility features redundant systems, physically separated paths, and 24/7 continuous operation capability.



 evolution
DATA CENTRES


บริษัท ฮีทไทย (ไทย) จำกัด
CHEC (THAI) CO., LTD

ON-GOING PROJECTS (Investment)

Public-Private-Partnership for the Laem Chabang Port Phase 3, Terminal F Project

Client:

Port Authority of Thailand (PAT)

Partnership:

GULF (40%), CHEC (30%), PTT Tank (30%)

Investment Sum:

USD 1 Billion / THB 35 Billion

Concession Period:

35 Years

Main works:

Design, construction, operation and maintenance of the superstructures, including cargo handling equipment, automated cargo management systems i.e. buildings and relevant structures.





05

PARTNERS &
CLIENTS



PARTNERS AND CLIENTS

Our target clients are in both public and private sectors, including state-owned enterprises, such as Port Authority of Thailand, Marine Department, State Railway of Thailand, Mass Rapid Transit Authority of Thailand, Expressway Authority of Thailand, Department of Highway, Electricity Generating Authority of Thailand, PTT Plc, Gulf Energy Development Plc. and etc.



PUBLIC SECTOR



PRIVATE SECTOR

Sustainability Mission

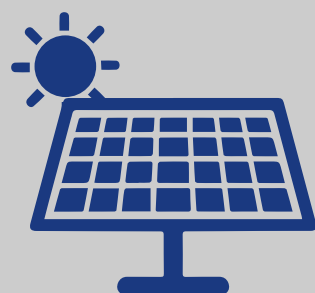
DIGITAL SMART OFFICE TECHNOLOGY

We have applied "Superapp Technology" to create Paperless Smart Office System from 2023 onwards.



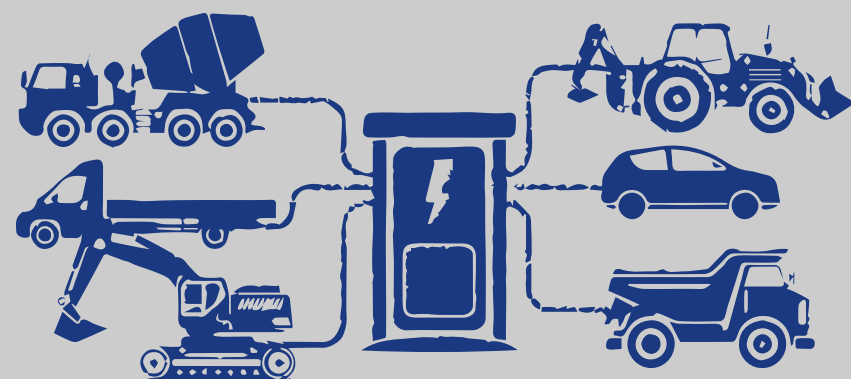
GREEN ENERGY

We plan to install Solar Panel System in every Project Site Office for Energy Saving from 2024 onwards.



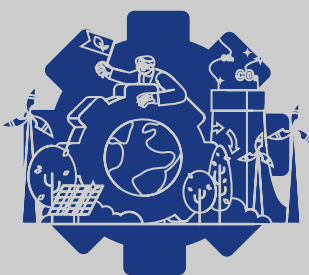
EV TRUCK FLEETS

We plan to transform our Truck Fleets to EV Truck Fleets in 2028.



ENVIRONMENTAL, SOCIAL AND GOVERNANCE (ESG) COMMITMENT

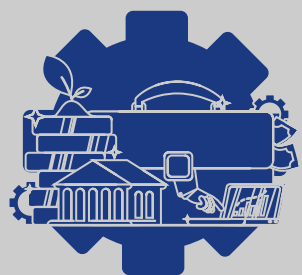
We commit ESG Policy from 2025 onwards.



ENVIRONMENTAL



SOCIAL



GOVERNANCE

CROSS - CULTURAL ACTIVITIES & SOCIAL RESPONSIBILITIES



CONTACT US



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