


CORPORATE PROFILE



東亜建設工業
TOA CORPORATION

INTERNATIONAL GENERAL
HEADQUARTERS

*Creating Value, Leading the Future and
Fulfilling Our Mission to Benefit Society*



ABOUT TOA INTERNATIONAL GENERAL HEADQUARTERS

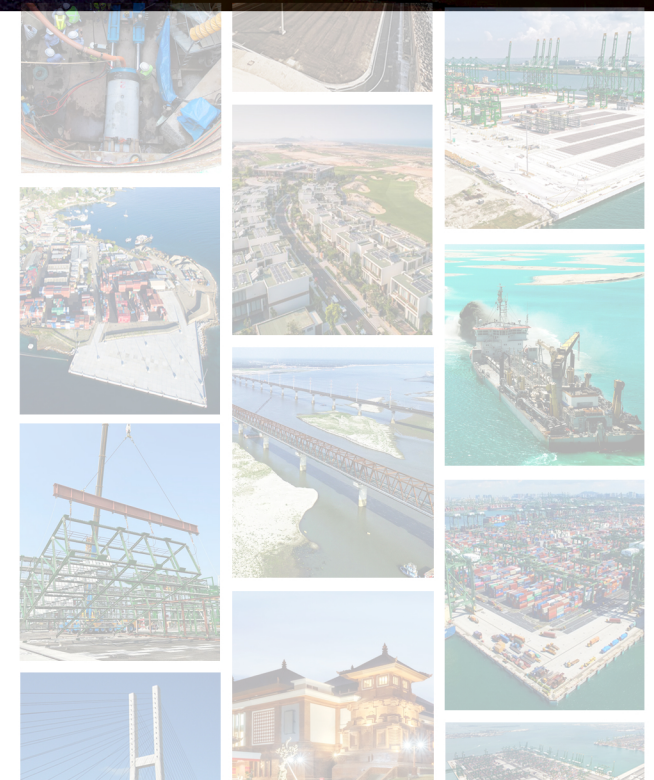
TOA's International General Headquarters (IGHQ) serves as the strategic core of our global operations, driving sustainable growth and innovation across borders. With a presence in over 54 countries since our overseas expansion began in 1963, IGHQ leads the charge in expanding TOA's civil engineering and building construction businesses worldwide.

Our mission is to shape the future of communities around the globe by delivering high-quality infrastructure solutions while steadily increasing our international footprint. IGHQ is committed to building a sustainable and resilient organization that reflects TOA CORPORATION's values, technical excellence, and global vision.

OUR STRENGTHS

IGHQ's success is built on a foundation of experience, innovation, and people:

- **Global Track Record** – Over six decades of overseas project experience in more than 54 countries.
- **Technical Expertise** – Proven design and construction capabilities, especially in complex projects across Southeast Asia, notably Singapore.
- **Specialized Equipment** – Ownership of large-scale dredgers, pile-driving vessels, and ground improvement ships that enable advanced marine and civil works.
- **Diverse Talent** – A multicultural workforce, with foreign nationals making up about 15% of the international division, and a growing number of skilled local staff in each country.



OUR HISTORY

For over 110 years, TOA CORPORATION has continuously created social value by adapting to societal and environmental changes, all while staying true to its' founder's vision of "benefiting society." Through the company's International General Headquarters, TOA was able to progress its construction expertise to the sustainable development of various areas of the world.

1908 Founded

Our history began in 1908 when Soichiro Asano launched a major land reclamation project to build a port and industrial zone. The work began in 1913, spanned 5 million m², and was completed in 1927, forming the foundation of the Keihin Industrial Zone and fulfilling Asano's vision.



TOA's founder,
Soichiro Asano

1920

Established "Tokyo Bay Marine Works Co., Ltd."

1963

Established International General HQ & Singapore Office

From 1962 to 1963, we conducted market survey to some countries in Asia, including Singapore, to assess local conditions. The positive findings from these inspections, particularly the promising opportunities in Singapore, led us to establish our Singapore office, as first overseas office, in November 1963.



One of our pioneer overseas works is a Dredging operations at Jurong, Singapore

1967

Opened Indonesia Office

1987

Changed English name from "TOA Harbor Works Co., Ltd." to "TOA CORPORATION"

1995

Opened Philippine Office

1996

Opened Vietnam Office

1999

IGHQ achieved its first ISO 9001 certification

2002

IGHQ achieved its first ISO 14001 certification

2003

IGHQ achieved its first OHSAS 18001 certification (now ISO 45001)

2006

Opened United Arab Emirates (UAE) Office

2008

Celebrated 100 years of Founding



Event logo during the centennial celebration

2013

Celebrated 50 years of International Division

In the same year, Kuwait Office was opened.

2020

Opened Bangladesh office

2023

Established local subsidiary, PT TOA TUNAS JAYA INDONESIA

PRESENT~

We are committed to sustainable development as we work toward our long-term vision, TOA2030, under the theme: **Building a prosperous society and connecting people with the world for a better future.** Guided by our corporate message, **Create Value, Build the Future**, and inspired by Soichiro Asano's founding spirit of benefiting society, we strive to create new value and contribute to a more sustainable future.



WE ALWAYS STRIVE TO LEAVE A LASTING LEGACY THROUGH CONSTRUCTION — SERVING A SOCIETY THAT WILL OUTLAST FOR GENERATIONS.

OUR ORGANIZATION

TOA International General Headquarters

Administration
Department

Business
Development
Department

Contract
Administration
Department

Construction
Department

Engineering Service
Department

Safety, Health,
Environment and
Quality Department

Singapore
Office

Philippine
Office

Indonesia
Office

Bangladesh
Office

Vietnam
Office

Cambodia
Office

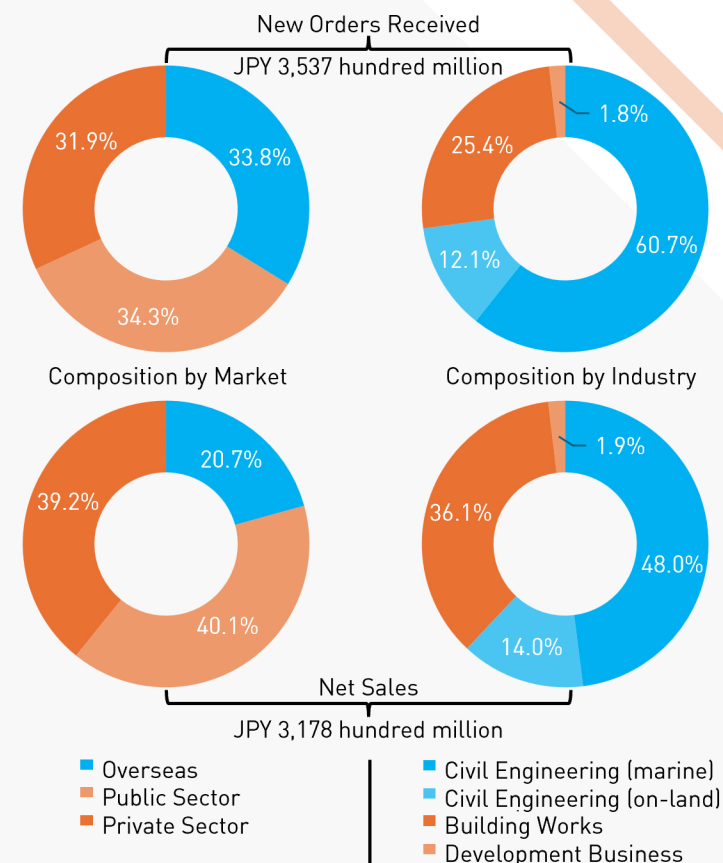
Angola
Office

Kenya
Office

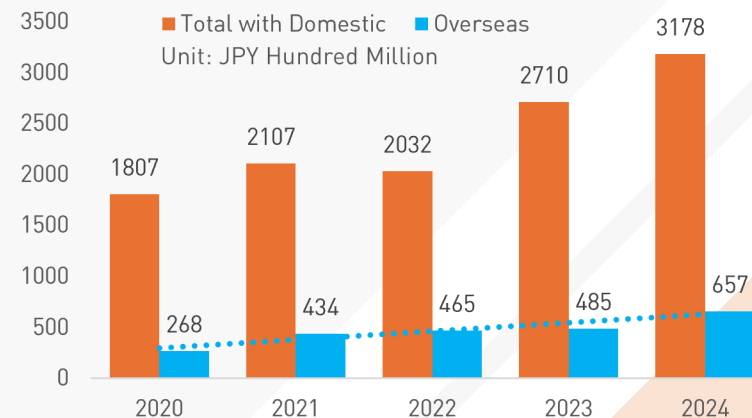
Dubai/Kuwait
Office

*Working together
to strengthen
our Global Presence*

COMPOSITION OF NEW ORDERS RECEIVED AND NET SALES FOR 2024



COMPOSITION OF NET SALES





Director
Senior Executive Officer
Chief of International
General Headquarters

Message

As we look ahead to the future of our international operations, our approach will focus on maintaining an appropriate scale of business while ensuring steady execution and improved profitability of each project. With a strong backlog of ongoing and upcoming projects, we remain committed to sustainable and high-quality growth.

Achieving these goals hinges on the growth of each individual within the company. In particular, we will continue to enhance our efforts in both on-the-job training (OJT) and off-the-job training (Off-JT) for our younger employees. To further strengthen our workforce, we will also prioritize the recruitment of diverse talent, including foreign nationals and mid-career professionals, as we evolve into a more inclusive and dynamic organization.

In terms of our business domains, we will maintain a strong focus on port and harbor projects—our area of expertise—while broadening our capabilities to encompass a wider range of project types, including private sector developments and new business models. In the field of architecture, we will continue to deepen our partnerships with overseas construction firms and steadily expand our initiatives in this area.

Among our priority regions, we see significant potential in the Philippines—not only in ODA-funded projects but also in private construction ventures. To strengthen our presence there, we have been establishing a local subsidiary, which we will actively utilize in driving our initiatives forward. In Indonesia, we have already launched operations through a locally established entity formed in partnership with a local firm. Given the country's promising economic growth, we intend to further build our organizational foundation and business infrastructure with a long-term perspective, reinforcing our commitment to this important market.

Together, through steady progress and strategic focus, we will shape a resilient and dynamic future for our international business.



Katsuhisa KIMURA

Director
Senior Executive Officer
Chief of International General Headquarters
TOA CORPORATION

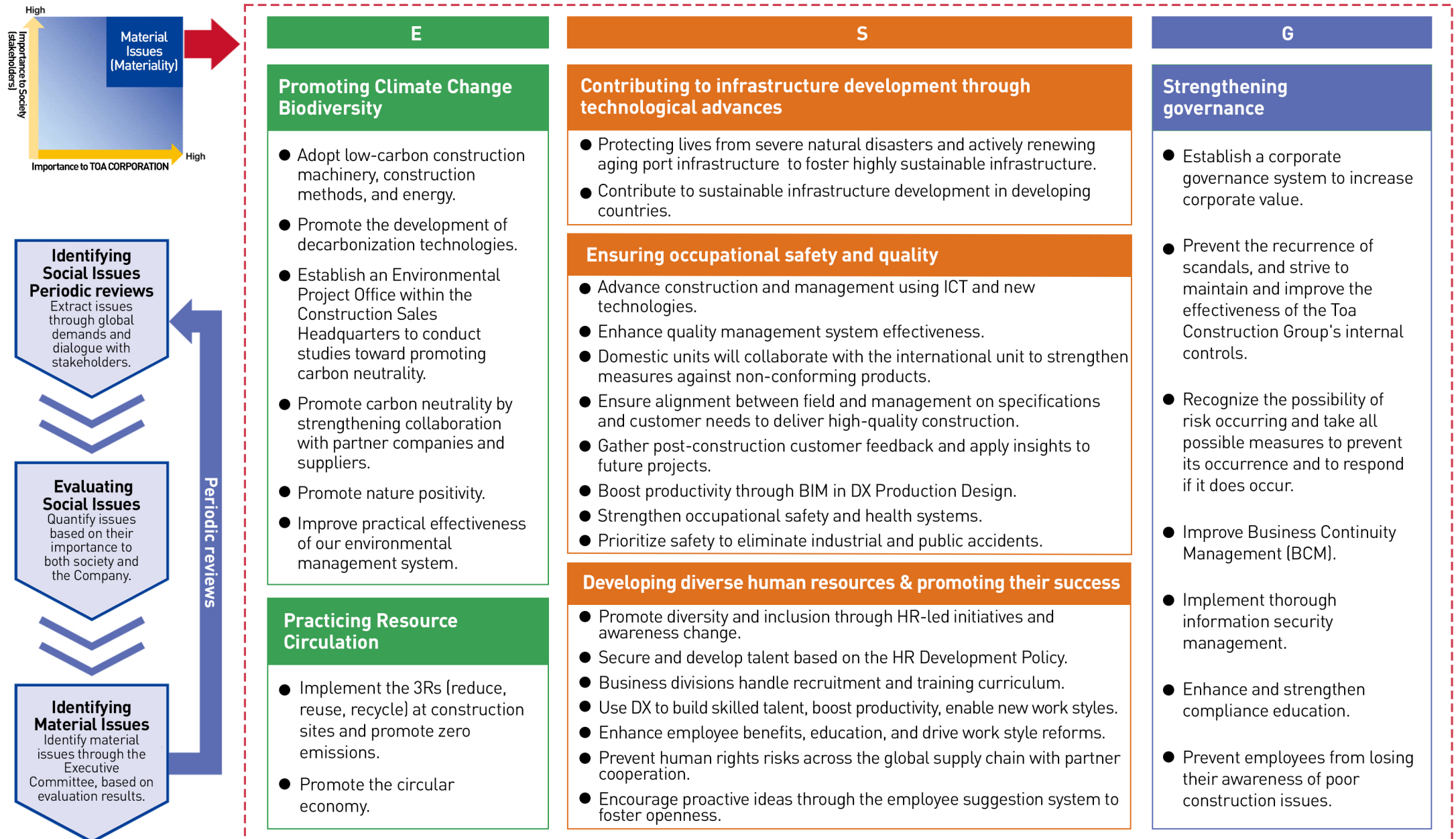
ADVANCING SUSTAINABLE DEVELOPMENT THROUGH ESG MANAGEMENT

We are committed to advancing **ESG (Environmental, Social, and Governance) Management** as a core part of our corporate strategy. Guided by our founding philosophy and long-term vision TOA2030, we strive to create both economic and social value through responsible and sustainable business practices.

By integrating ESG principles into our business activities, we aim not only to generate economic value through orders and profits but also to create social value by responding to evolving societal needs and contributing to the Sustainable Development Goals (SDGs). Through these efforts, we aim to build a resilient corporate foundation, enhance long-term corporate value, and contribute to the sustainable development of society.



In line with our ESG Management, we have set Key Performance Indicators (KPIs) designed to guide and measure our progress on ESG issues, ensuring that our initiatives contribute meaningfully to both corporate value and sustainable development.



ENVIRONMENT TOPICS

*Realizing the sustainable natural environment
by reducing the burden on the environment.*

Electric Vessels Set Sail in Singapore

In line with Singapore's 2030 mandate for all new harbor vessels to be electric, biofuel-powered, or net-zero, TOA is set to deploy electric boats in the Woodlands area as part of its Proposed Coastal Development project. Located near the ecologically sensitive Mandai River and mangrove forests, this initiative aims to minimize environmental impact and conserve the natural environment. This marks the first use of electric vessels on a construction site in Singapore, setting a benchmark for sustainable maritime operations.



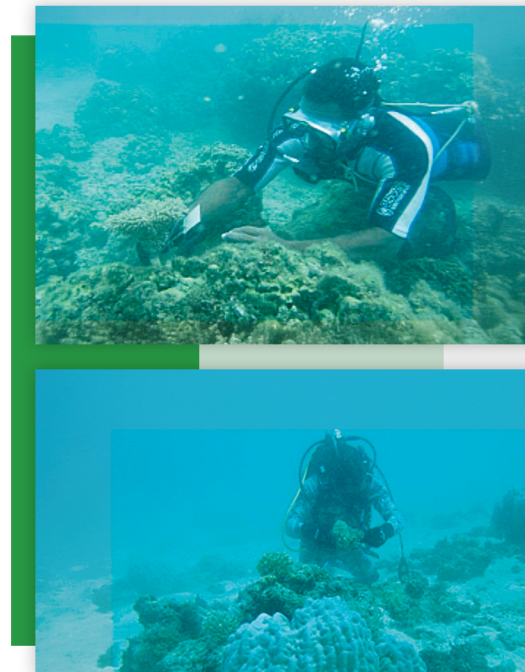
Green Building for Local Sustainability

In Kyoto Prefecture, TOA built a logistics facility focused on decarbonization and local sustainability. The project earned Comprehensive Assessment System for Built Environment Efficiency (CASBEE) S-rank and zero energy building (ZEB) certification through energy efficient design, installation of solar panels in the entire roof, and use of LED lighting throughout the facility. Locally sourced Kyoto cedar was used for interior finishes, promoting local production and ecological harmony.



TOA's Nature Restoration Technology for Sustainability

The goal of TOA's nature restoration technology is to conserve, restore, and create the natural environment. To support sustainable development, TOA transplanted 402 corals during the Port Vila Lapetasi Construction Project, minimizing construction impact. In collaboration with Vanuatu Fisheries and local divers, the effort balanced environmental care with project timelines, reflecting our commitment to sustainability and natural restoration while maintaining excellent engineering operations.



Recognized for Engineering Impact Overseas

Two of our employees were honored with the Minister of Land, Infrastructure, Transport and Tourism Award for Outstanding Engineers for their contributions to the Abidjan Port Grain Berth Construction in the Republic of Côte d'Ivoire. This recognition proves our commitment to global infrastructure development and the excellence of its engineering professionals.



TOA Singapore - 60 Years of Diverse Workforce

TOA's Singapore branch celebrated its 60th anniversary on December 8, 2023, marking a significant milestone in its history. This served as an opportunity to reflect on six decades of achievements, growth, and contributions to the region. The celebration also aimed to strengthen bonds across its diverse workforce, fostering a spirit of unity and shared success for continued progress and innovation.



SOCIAL TOPICS

*Promoting diversity at workplace.
Practicing excellence in what we do.*

GOVERNANCE TOPICS

Making continuous trust with society and employees.

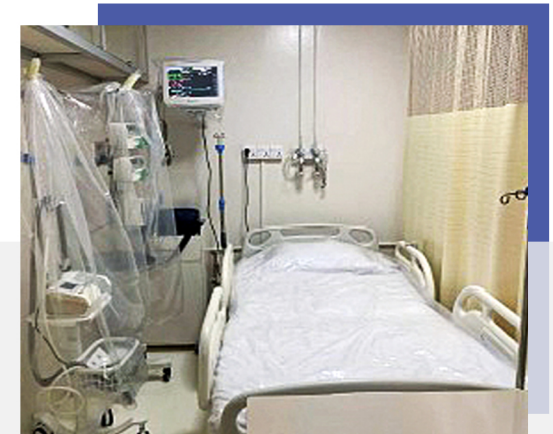
Developing Our Business Continuity Plans (BCP)

A V2X EV charging and discharging device has been installed in the visitor parking lot at our Technology Research and Development Center (TRDC). This enables electric vehicles to supply power to the main building, supporting rapid recovery during power outages. Aligned with our long-term vision, we continue working toward the development of 100% energy-generating facilities.



Risk Response During the Corona Disaster

In 2020, construction was suspended in many countries due to COVID-19. We prioritized updating our emergency protocols, and only resumed operations after assessing local conditions. Since then, we've partnered with global security and medical assistance providers for emergency transport and supplied ICU equipment to partner hospitals in some regions to safeguard employee health and welfare.



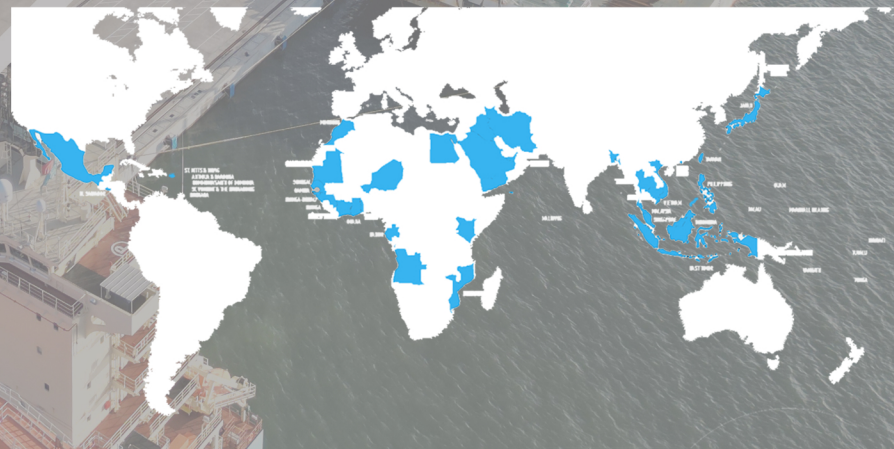
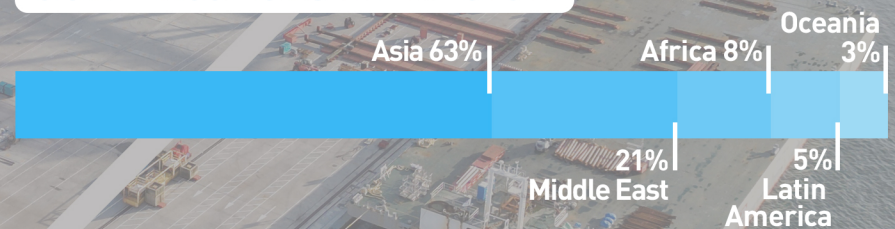
▶ OUR GLOBAL FOOTPRINT

THE KEY FIGURES (As of June 2025)

 **54**
COUNTRIES

 **588**
PROJECTS

OUR PROJECTS BY REGION



ASIA


Year of Origin
1963


Contracted Projects
371


Countries Reached
15



PHILIPPINES

Subic Bay Port

Client: Subic Bay Metropolitan Authority (SBMA)
Project Completion: 2009



INDONESIA

Jakarta Fishing Port

Client: Ministry of Marine Affairs and Fisheries
Project Completion: 2012



VIETNAM

Cai Mep Int'l. Container Terminal

Client: Project Management Unit 85,
Ministry of Transport
Project Completion: 2013



BANGLADESH

BSEZ Land Development

Client: Bangladesh Economic Zone Authority (BEZA)
Project Completion: 2024

Engineering Excellence:
Our Continual Work at
Tuas Port
Singapore



Tuas Container Terminal T201-T202 and T216-T218

Client: PSA Corporation Ltd.

TOA CORPORATION has once again been awarded [September 2024] the final segment of Tuas Port Phase One by PSA Corporation Ltd. Since 2019, TOA has completed 13 berths (approx. 250 hectares) and will continue the remaining 5 berths (approx. 85 hectares) set to be completed by 2026. The port will be built in phases over 20 years, Tuas Port is currently the world's largest automated container port and will have an annual handling capacity of 65 million TEUs when fully completed.

AFRICA



Year of Origin

1977



Contracted
Projects

47



Countries
Reached

16



COTE D'IVOIRE

The Abidjan Port Cereal Berth

Client: Port Autonome D'Abidjan Ministere Des Transports
Project Completion: 2024

Works include: approx. 10ha of dredging and reclamation,
1,000m quay wall, and a harbor master facility



GHANA

Sekondi Fisheries Promotion

Client: Ports and Harbours
Authority

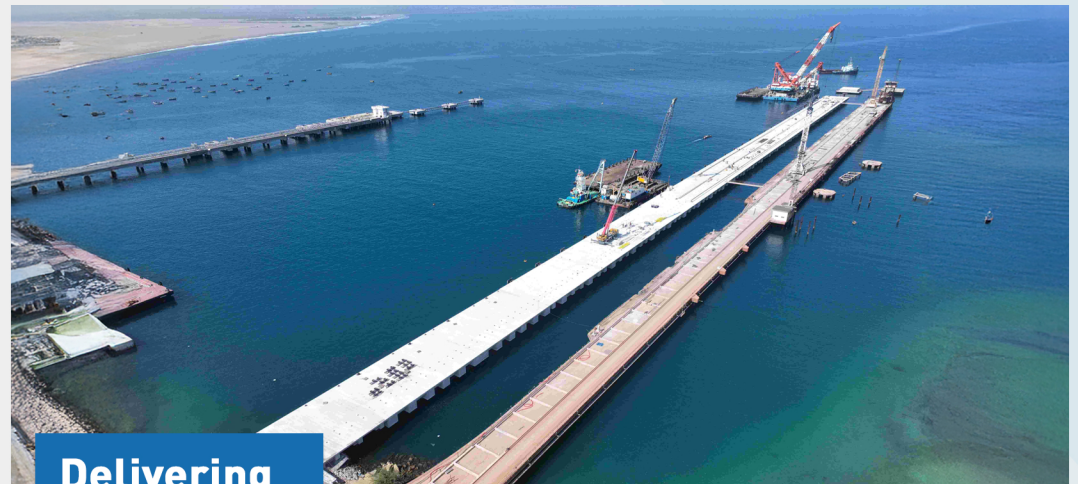
Project Completion: 2018



SENEGAL

Third Wharf in Dakar Port

Client: Dakar Port Authority
Project Completion: 2022



Delivering
Results:
Our Latest
African
Project
Finalized

Sacomar Iron Ore Jetty - Namibe, Angola

Client: Ministry of Transport
Project Completion: 2025

The constructed 584-meter jetty was supported by
494 steel pipe piles installed using our dedicated
piling barge vessel, KAKURYU. Additional works
included **dredging operations of ~18,000 m3**.

MIDDLE EAST



Year of Origin

1973



Contracted
Projects

126



Countries
Reached

7



**UNITED
ARAB
EMIRATES**

**T3-Q10
Container
Terminal**

DP World, UAE
2015



UNITED ARAB EMIRATES

The World Project

Client: Nakheel-Van Oord Gulf Size
Project Completion: 2008



KUWAIT

**Maritime
Traffic
Coordination
Center**

US Army Corps of
Engineers
2020



KUWAIT

**Naval Base
Port**

US Army Corps of
Engineers
2022

OCEANIA



Year of Origin

1989



Contracted Projects

15



Countries Reached

8



PALAU

Palau Waste Disposal Site

Client: Ministry of Public Infrastructure, Industries & Commerce
Project Completion: 2020

This was constructed using a **semi-aerobic system with perforated horizontal pipes and vertical gas vents to enhance leachate drainage and promote aeration.**



SOLOMON

Improvement of Honiara Port Facilities

Client: Ministry of Infrastructure Development
Project Completion: 2016



TONGA

Upgrading of Wharf of Nuku'alofa Port

Client: Ministry of Infrastructure and Tourism
Project Completion: 2018

LATIN AMERICA



Year of Origin

1988



Contracted Projects

29



Countries Reached

8



DOMINICA

Coastal Fisheries Expansion

Client: Ministry of Agriculture
and Environment
Project Completion: 2002



GRENADA

Coastal Fisheries Dev't.

Client: Ministry of Agriculture,
Forestry and Fisheries
Project Completion: 2011



EL SALVADOR

La Union Port Development Project

Client: Comisión Ejecutiva Portuaria Autónoma
Project Completion: 2008

This port development project features a **580-meter berth**, comprising 360 meters dedicated to container operations and 220 meters for multi-purpose use. The scope includes extensive marine works, such as **14.7 million cubic meters of dredging** and **3.55 million cubic meters of land reclamation**.

Constructed key facilities include **~2,840 m² port administration building**, **~1,3900 m² container and cargo gate**, and **~420 m² power supply station**. The project also covers **130,000 m² of pavement works**, and **9,200 meters of drainage**, ensuring efficient operations and infrastructure resilience.



▶ ADVANCING JAPAN'S “FOIP” GOALS: OUR STRATEGIC CONTRIBUTIONS

Japan's **Free and Open Indo-Pacific (FOIP)** strategy promotes an international initiative by enhancing connectivity, security, and economic development across the Indo-Pacific, built on three core pillars: (1) Promotion of the Rule of Law and Freedom of Navigation; (2) Connectivity and Quality Infrastructure Development; and (3) Capacity Building and Maritime Security Cooperation.

WHAT WE DO?

As part of our commitment to sustainable development and regional connectivity, TOA CORPORATION proudly supports Japan's initiative for a Free and Open Indo-Pacific — particularly its focus on **Connectivity and Quality Infrastructure Development**.

Our port development projects across **Asia and Africa** align with FOIP's vision by enhancing trade routes, strengthening supply chains, and fostering inclusive growth. Through these initiatives, we help build a more **open, resilient, and connected Indo-Pacific region**.

ONGOING PROJECTS *(as of June 2025)*



MOZAMBIQUE (2023)
Nacala Port - Phases I and II
Construction



SOLOMON (2016)
Honiara Port - Improvement
of Facilities



VANUATU (2019)
Port Vila Lapetasi
International Wharf



TONGA (2018)
Nuku'alofa Port - Upgrading
of Wharf



KIRIBATI (2014)
Betio Port - Expansion

MAP OF INDO-PACIFIC REGION





▶ OUR MAJOR FIELD OF WORKS

We are a **GENERAL CONTRACTOR** specializing on:



Marine Civil
Engineering



Road and Transport
Engineering



Environmental
Infrastructure
Engineering



Architectural
Building Works



Production and
Logistics Facilities



LNG Terminal and
Power Plant Facilities

Marine Civil Engineering

As a leading Japanese contractor in marine civil engineering, we deliver innovative, sustainable solutions for complex marine environments—ranging from ports and harbors to container terminals and any other offshore projects.



Singapore | Pasir Panjang Container Terminal

*Photo credit to PSA Singapore

OUR LATEST ENDEAVOR

Patimban Port Development Project Phase II, Package 5: Car Terminal Construction

Country: INDONESIA (Ongoing) **Client:** MINISTRY OF TRANSPORTATION

With Package 5 construction nearing completion by late 2025, Patimban Port is set to be Indonesia's largest new port located in Subang Province, east of Jakarta City. Following TOA's success in completing Phase-1 construction last 2021, this phase aims to **increase the efficiency of distribution functions at Patimban Port by expanding the car terminal area**. Among the many features of the project is **utilizing advanced Japanese technology to improve the soil and reclaim soft ground**.



Soil Improvement Works by CPM

Reclamation works (1,000,000 m³) was done by Cement Pipe Mixing (CPM) - method to strengthen soft soils by mixing them in situ with cementitious materials through a rotating hollow shaft or pipe.



Owned Vessels in Action

The TOA vessel "TOTRA III" in operation of receiving fractured dredging soil for pneumatic pumping operation as part of CPM works.



Engineering Progress

Package-5 marks a major step forward, delivering vital port infrastructure: a 381 m car berth, 113 m Ro-Ro berth, 374 m service boat berth, and the 518-meter South Sea Wall-3.

CONTAINER BERTHS C1-C8 AT TUAS PORT

Country: SINGAPORE (2022)
Client: PSA CORPORATION LTD.

TOA CORPORATION has successfully completed constructing eight (8) container berths of over 180 hectares in the Tuas area in Singapore. The port will be built in phases over 20 years. Tuas Port is currently the world's largest automated container port and will have an annual handling capacity of 65 million TEUs when fully completed.



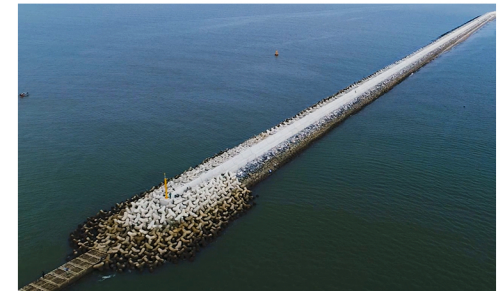
Pulau Semakau Offshore Landfill
SINGAPORE (1998)
Ministry of Environment



Punggol Coast Reclamation
SINGAPORE (2001)
Housing and Development Board



Lach Huyen Port - Infrastructure
VIETNAM (2019)
VINAMARINE, Ministry of Transport



Lach Huyen Port - Breakwater
VIETNAM (2020)
VINAMARINE, Ministry of Transport

Sihanoukville Port Additional Cons't: Multi-Purpose Terminal CAMBODIA (2024) Port Authority of Sihanoukville

As part of the ongoing development of Sihanoukville Port, TOA has successfully completed the additional works for a multi-purpose terminal. The project involved major works including the renovation of the wharf, demolition of existing sheds and pavement, and the construction of new road pavement and drainage systems.



OUR CURRENT PROJECT IN MOTION

SIHANOUKVILLE PORT NEW CONTAINER TERMINAL DEVELOPMENT PROJECT

Country: CAMBODIA (Ongoing)

Client: PORT AUTHORITY OF SIHANOUKVILLE



Site condition of Sihanoukville Port NCT as of June 2025

TOA CORPORATION was awarded the Sihanoukville Port New Container Terminal Development Project in December 2023, funded through an Official Development Assistance (ODA) loan. Works commenced in April 2024 and is scheduled to span around 36 months. Drawing on its specialized technologies and decades of experience, TOA is committed to executing the project with precision and reliability, contributing to the advancement of Cambodia's maritime infrastructure.

Major Construction Works

Construction of New Container Terminal: Length: 350m, Depth: -14.5m

Dredging: 4,900,000 m³

Reclamation: 1,270,000 m³

Soil Improvement Prefabricated Vertical Drain (PVD): 380,000 m

Driving of Steel Pipe Pile: 350 nos.

Concrete Pavement: 57,038 m²

Access Road / Access Bridge: 2.2 km

Building Facilities (14 facilities): 11,062 m² (Total Floor Area)

Road and Transport Engineering

We also specialize in constructing transport infrastructure that enhances connectivity, safety, and efficiency. From urban roads and highways to bridges and rail systems, our engineering expertise support daily mobility solutions.



Philippines | Second Magsaysay Bridge and Butuan City Bypass Road

OUR LATEST ENDEAVOR

Jamuna Rail Bridge Project, Eastern Part of Civil Works

Country: BANGLADESH (2025) **Client:** BANGLADESH RAILWAY, MINISTRY OF RAILWAYS

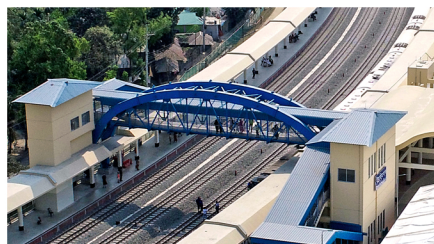
As part of the successful development of the Bangladesh Jamuna Rail Bridge Project, TOA has undertaken a series of critical infrastructure improvements aimed at enhancing connectivity and safety across the railway network.

River Section Works:

In the river-crossing segment of the project, TOA successfully completed the installation of **27 steel sheet pile well foundations**, providing robust structural support in challenging terrain for the constructed **steel truss bridge**. This bridge will serve as a vital link across the river and enabling uninterrupted rail transport.

Station Upgrades:

At existing stations along the route, TOA also carried out comprehensive **renovations of station buildings** to improve functionality and passenger experience. **New platforms were constructed** to accommodate increased traffic and ensure accessibility. Additionally, **new overbridges were built** to facilitate safe pedestrian movement across tracks.





Coastal Road in Southern Cebu

PHILIPPINES (2007)

Department of Public Works and Highways (DPWH)

Project Overview

- Back in 2002, Cebu City in the Philippines has faced urgent needs for construction projects of roads and urban infrastructural facilities.
- TOA has contributed to this development with the completion of coastal road along the shoreline of the south bay in Cebu City by the year 2007.

Major Construction Works

- Road construction spanning at approximately 5,000 m with a total area of about 113,000 m².
- Embankment works were performed on the sea for improvement of the foundation.
- Applied our advanced marine civil engineering technology known as the **Paper Drain Method**.

OUR CURRENT PROJECTS IN MOTION



Site condition as of June 2025

Civil Works for Soil Improvement and Land Development at Depot for MRT Line-5N

BANGLADESH (Ongoing)

Dhaka Mass Transit Company Ltd. (DMCTL)

Project Overview

- Our scope: Soil improvement and land development for the depot area (Phase 1).
- Multiple MRT projects are underway in Bangladesh to meet transport demand, and help boost Dhaka's economy.

Major Construction Works

- Filling and Embankment: 2,660,050 m³
- Soil Improvement
 - Static Sand Compaction Pile: 10,901 m²
 - Vibrating Sand Compaction Pile: 104,394 m²
 - Prefabricated Vertical Drain: 60,774 m²
 - Dynamic Compaction: 87,000 m²
- Earth Retaining (PC Sheet pile): 3,090 nos.



Site condition as of June 2025

Construction Work on Three Intersections in Abidjan

COTE D'IVOIRE (Ongoing)

Agence de Gestion des Routes

Project Overview

- A continuous steel box girder viaducts will be constructed that runs along three major intersections in Abidjan to accommodate the increase in traffic by about 30%.

Major Construction Works

- Police Academy Intersection
 - Road: length 800 m, width 48 m
 - Viaduct: length 335 m, width 22 m
- Riviera 3 Intersection
 - Road: length 800 m, width 49 m
 - Viaduct: length 460 m, width 22 m
- Palmeraie Intersection
 - Road: length 720 m, width 51 m
 - Viaduct: length 485 m, width 22 m

Environmental Infrastructure Engineering

Part of our work focuses on improving water quality, enhancing flood resilience, and revitalizing waterways. By integrating ecological design with infrastructure development, we create a safer and more livable spaces for future generations.



Ho Chi Minh City Water Environment Improvement

Country: VIETNAM (2010)
Client: PEOPLE'S COMMITTEE
OF HO CHI MINH CITY

RESTORING FLOW

OUR RIVER REHABILITATION PROJECT



As part of an ODA loan initiative aimed at enhancing water quality, a project was undertaken in Ho Chi Minh, Vietnam, to improve a river in the central area. The project involved **dredging approximately 2km of the river** running through the city center, resulting in an **estimated volume of 403,000m³ of sediment removal**. Additionally, the river embankment received **reinforcement measures, including the planting of vegetation and installation of lighting fixtures**. In total, about **1,510m of embankment were strengthened**, creating a more resilient riverfront.

SAFEGUARDING COMMUNITIES Our Flood Protection Initiatives

Through strategic engineering and sustainable infrastructure, we are committed to protecting lives, property, and livelihoods from the growing threat of flooding. Our flood control projects aim to build safer, more resilient communities across vulnerable regions.



Cavite Industrial Area Flood Risk Management PHILIPPINES (Ongoing)

Department of Public Works and Highways (DPWH)

Project Overview

- Objective: **Mitigate flood risks** in Cavite, a key economic zone near Metro Manila.
- Impact: **Supports regional development and public safety** through improved drainage infrastructure.

Major Construction Works

- Revetment by Hat-type and H-shaped combined steel sheet pile with water jet.
- San Juan diversion channel (approx. 2.4 km)
- Maalimango diversion drainage I (approx. 0.5 km)
- Lower Maalimango diversion drainage II (approx. 0.4 km)



Phnom Penh Flood Protection & Drainage Improvement CAMBODIA (2021)

Phnom Penh Capital Administration

Project Overview

- Objective: **Improve drainage systems** to reduce rain-induced flooding and enhance public hygiene.
- Impact: (1) Increased capacity of rainwater drainage; (2) Reduced flooding duration and affected areas.

Major Construction Works

- Applied the **Pipe Jacking method** to install approx. 13 km of rainwater pipes.
- Constructed an **underground water tank**.
- Built a **riverside pumping station**.
- Procured **two drainage pump trucks** to support operations



Agno River Flood Control PHILIPPINES (2008)

Department of Public Works and Highways (DPWH)

Project Overview

- Objective: **Reduce flood damage** in the region.
- Impact: (1) **Supported regional development and improved public safety**; (2) **Strengthened Japan-Philippine cooperation** in infrastructure development.

Major Construction Works

- **Revetment works** (approx. L = 1,000m)
- **Heightening, widening and extending** of existing earth dyke in multiple locations
- **Floodway closure bank protection works**
- **Provision of facilities and equipment** for Flood Mitigation program

Architectural Building Works

We deliver architectural solutions across diverse environments—from transport terminals and harbor facilities to industrial structures. Our approach integrates aesthetic vision with engineering precision to create resilient and pleasing spaces.



Japan | Tokyo International Cruise Terminal

HARBOUR BUILDING PROJECTS

As a leading marine engineering contractor, TOA does not only specialized in civil works but also for its comprehensive approach to harbor development, which includes architectural building works. Its expertise extends beyond traditional marine infrastructure to the design and construction of harbor facilities such as passenger terminals and transport hubs. TOA integrates innovative, sustainable architecture with advanced engineering to create functional, resilient, and visually appealing structures that enhance both the efficiency and the aesthetic value of coastal environments.



Ferry Terminal Building at Marina South Pier
SINGAPORE (2005)
Housing and Development Board
[Levels] 2-storey; [Floor Area] est. 5,700sqm.



Passenger Terminal Building at Fuaa Wharf
TONGA (2018)
Ministry of Infrastructure and Tourism
[Levels] 3-storey; [Floor Area] est. 2,900sqm.



Tuas Port Transport Hub (TPTH)
SINGAPORE (2025)
PSA Corporation Ltd.
Sheltered boarding/alighting areas for public buses.

OUR BREAKTHROUGH ACHIEVEMENTS

BALI THEATER HALL

Country: INDONESIA (2019)

Client: MINISTRY OF PUBLIC WORKS,
SPATIAL PLANNING SECTION

The construction of the Bali Theater Hall was the *first project ever ordered by the government of a local region in the Republic of Indonesia to have a foreign company participate in the construction work*. TOA CORPORATION has successfully completed this project last November 2019 which included works such as construction of a multipurpose theater facility with *three floors above ground and one floor below ground*, installation of *2,600 seat capacity*, provision of building utilities, stage mechanisms, lighting, and acoustics. With a *total floor area of approx. 19,000 m2*, the whole theater was built with a *reinforced concrete structure with the roofings made of steel structure*.



PT TOA TUNAS JAYA
INDONESIA

**Building Together:
TOA's Collaborative Venture
in Indonesia**

TOA CORPORATION and PT. Tunas Jaya Sanur (originated in Bali) have jointly established "**PT TOA TUNAS JAYA INDONESIA**" aiming to foster a long-term partnership and jointly move forward and contribute to further development of Indonesia.

Logistics & Production Facilities

We design and build high-performance logistic hubs and production spaces—integrating engineering efficiency for seamless operations. Our projects support scalable operations across warehousing, distribution, and manufacturing.



Vietnam | CLK Vietnam Cold Storage Warehouse
*More about this project on next page



Bangladesh (2025)

OUR LATEST ENDEAVOR

SINGER Home Appliance Plant Factory

[Floor Area] est. 80,000sqm.

[Structural Type] Steel and Reinforced Cement Concrete (RCC) Structure

TOA CORPORATION has completed a home appliance manufacturing facility for Singer Bangladesh Ltd. within the Bangladesh Special Economic Zone (BSEZ), near Dhaka. This consists of various buildings: Warehouse building with Mezzanine, Production building, Office building and Utility building. Developed through a Japan-Bangladesh public-private partnership, the BSEZ promotes industrial diversification and foreign investment. The facility is expected to support these goals and is currently pursuing **LEED Gold certification, highlighting its commitment to sustainable, world-class industrial development.**

*LEED (Leadership in Energy and Environmental Design) certification is a green building rating system that verifies a building project's environmental performance, developed by the U.S. Green Building Council (USGBC),



Mitsuyoshi Pressing Machine Factory
[Floor Area] est. 5,200 sqm.
[Structural Type] Steel Structure



Fujitrans Logistics Packaging Warehouse
[Floor Area] est. 40,000 sqm.
[Structural Type] Steel Structure



ISUZU Auto Care Center
[Floor Area] est. 2,000 sqm.
[Structural Type] S-beam to RC-column Hybrid Structure



Fujitrans Motor Pool
[Floor Space] est. 26,600 sqm.
[Bldg. Floor Area] est. 900 sqm.



NRS-Raiza Hazardous Goods Warehouse
[Floor Area] est. 2,000 sqm.
[Structural Type] RC Structure



EREX Sakura - Tuyen Quang Pellet Factory
[Floor Area] est. 21,000 sqm.
[Structural Type] Steel Structure

REFRIGERATED WAREHOUSE PROJECTS

CLK Vietnam Cold Storage Warehouse VIETNAM (2022)



After successfully completing the design and construction of CLK's refrigerated warehouse (2021), TOA was also awarded the order for its expansion, in response to the growing demand for food preservation facilities in Vietnam. *The expansion resulted in an additional floor area of approx. 1,800 sqm. and increased capacity by approx. 2,800 tons (compared to the original floor area of approx. 9,800 sqm. and capacity of approx. 14,000 tons).* The constructed warehouse features a **steel-frame structure**. This is the first full-scale refrigerated warehouse in Vietnam to be built through a public-private partnership in Japan.

Thai Yokorei Wangnoi Distribution Center THAILAND (2013)



Thailand's demand for quality food is on the rise, making this cold storage project essential for food preservation. An **est. 22,000 sqm. of floor space** is available in this **3-storey** warehouse, built with **RC-structure** that allows for **2,800 T capacity**.

LNG Terminal & Power Plant Facilities

We support the development of LNG terminals and power plants by constructing key facilities—such as access infrastructure, utility systems, and buildings that meets the technical and safety standards required for long-term performance.



Vietnam | Thai Binh Thermal Power Plant (2x300MW)

OUR LNG TERMINAL PROJECTS



Northern LNG Receiving Terminal
TAIWAN (2007)
CPC Corporation



Sakhalin II LNG Terminal
CIS (2007)
Sakhalin Energy Investment Company Ltd. (SEIC)



Manzanillo LNG Terminal Project
MEXICO (2011)
Terminal KMS de GNL

OUR POWER PLANT PROJECTS



O Mon Thermal Power Plant (1x300 MW)

VIETNAM (2009)

Mitsubishi Heavy Industries Ltd.



Central Java Coal Fired Power Plant (2x1000 MW)

INDONESIA (2022)

PT Bhimasena Power Indonesia

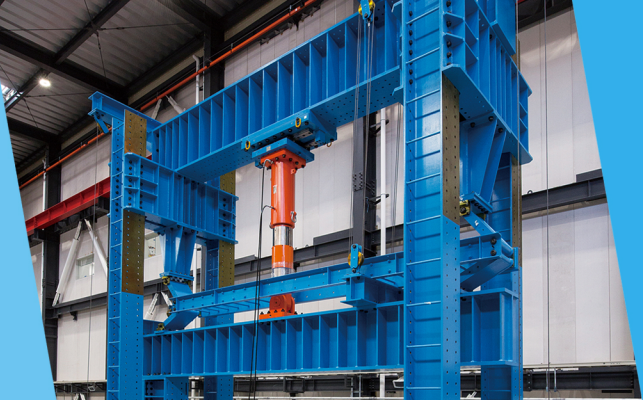
Paiton Private Power Plant III (815 MW)

Country: INDONESIA (2012)

Client: PT Paiton Energy



The Paiton III Coal Fired Power Plant was expanded in 2012 in order to keep up with the demand of electric power in Indonesia, where the substantial economic growth has continued for a long time. The consortium including TOA CORPORATION was awarded EPC (Engineering, Procurement, Construction) contract from, PT. Paiton Energy, one of the electric operation companies in Indonesia.



LARGE SCALE LOADING TEST EQUIPMENT



TOA Research and Development Center



DEEP WATER BASIN



SEVERE ENVIRONMENT REPRODUCING CHAMBER

Challenging New Social Issues with TOA's Unique Innovation

Our mission in infrastructure development is to address evolving societal challenges. Key priorities include achieving 2050 carbon neutrality, enhancing disaster resilience, and combating climate change impacts such as sea level rise and extreme weather. We also focus on aging infrastructure and advancing digital transformation.

TOA's Technology Research and Development Center (TRDC) reflects our commitment to sustainability. By leveraging R&D, we aim to deliver innovative, long-term solutions to these pressing issues.



LARGE SCALE WAVE FLUME

Seeking Greater Heights for Future of R&D

Since Fiscal Year 2014, TOA has been developing its' Research and Development Center in Anzen-cho, Tsurumi-ku, Yokohama. This project included a significant renovation of facilities that had been in place since the 1970's, along with the addition of new bio-environmental facilities and large multipurpose experimental spaces. In March 2023, we finally unveiled the completion of new experimental buildings Building 2 and Building 3. **This expansion serves as a hub for innovation to advance our existing research efforts and expand into new business areas.**

Building 2 combines steel and wood, with wood used for the entrance and office interiors to reduce CO2 emissions during construction. **The facility achieved an impressive 112% reduction in energy consumption** by improving exterior wall performance and adopting high-efficiency air conditioners. **Solar power generation (130kW) enabled virtually zero energy consumption, leading to ZEB certification in September 2023.**

Building 3 is a steel structure with two floors, covering a total floor area of 552sqm. Its height stands at approximately 12.2m. The first floor will accommodate biological and architectural laboratories, while the second floor will house offices. Similar to Building 2, **it has been thoughtfully designed with considerations for environmental sustainability. The interior incorporates wood, and solar panels have also been installed to reduce CO2 emissions during its operation.**



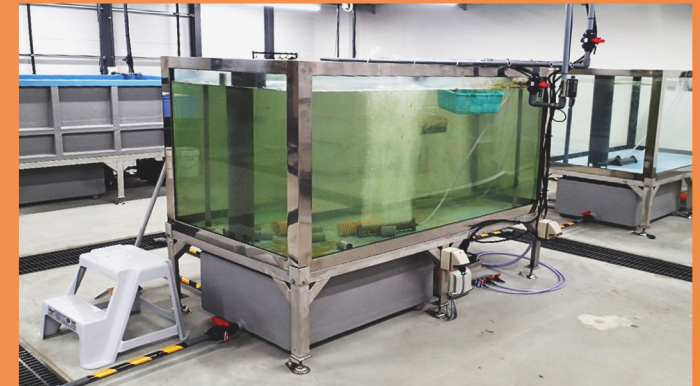
ZEB Certification Net Zero Energy Bldg.

Third-party certification plate notified by the Ministry of Land, Infrastructure, Transport & Tourism, Japan. Issued by the Urban Housing Evaluation Center.

TRDC's New Experimental and Research Facility

Biological and Environmental Laboratory: Water Tank for Biological Plant Experiments

A new facility established in the first floor of the new Building 3 is now poised to advance research and development, contributing to blue infrastructure and biodiversity.



OUR MAJOR OFFSHORE EQUIPMENT



ASIA MARU NO. 3

Cutter Suction Dredger

Key Specifications

[Total Installed Power] 11,560 kW
[Dredge Pump] 6,600 kW

[Max. Dredging depth] 25 m
[Dredging Capacity] Reaching 2,200 m³/h

KOUKAKU

Cement Deep Mixing Vessel

Key Specifications

[Whole Engine Output] 4,408 kW
[Processing Power] > 90 m³/hr

[Unit Improve Area] 5.47 m²
[Improvement Depth] 52 m below water



KAISHUU

Trailer Suction Hopper Dredger

Key Specifications

[Full Speed] 15.6 kt
[Mud Hold Capacity] 16,500 m³

[Max. Dredging depth] 48 m
[Dredging Capacity] Reaching 6,200 m³/h



Key Specifications

[Length of Leader] 80 m
[Lifting Capacity] 600 ton
[Max. Angle of Raker Leader] ± 25 -deg
[Drivable Diam. of Pile] 600-2500 mm

KAKURYU

Piling Barge and Floating Crane

Designed with our newly developed
Energy Regeneration System that reduces
CO2 emission from the work vessel.

More of our
vessels
by scanning the
following QR code





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