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01

GENERAL
INTRODUCTION

PTSC Supply Base, a key subsidiary of PetroVietnam Technical Services Corporation (PTSC), specializes in mechanical fabrication, supply base, and logistics services for the oil & gas and renewable energy industries.

With more than 33 years of development and experience, PTSC Supply Base has become a core component of PTSC's Centre of Energies and Technical Solutions in Vung Tau. Through continuous resource optimization, enhanced management capability, and accelerated digital transformation,

PTSC Supply Base has successfully established a fully integrated service ecosystem covering supply base operations, logistics, fabrication, and specialized technical services.

Backed by synchronized infrastructure and modern technologies, PTSC Supply Base is proud to be a strategic partner capable of meeting the most stringent international standards for technically demanding projects. Beyond serving as

a critical infrastructure base for offshore oil & gas exploration and production activities on Vietnam's continental shelf, PTSC Supply Base also acts as a strategic logistics and fabrication hub for offshore renewable energy projects, contributing to the nation's sustainable development and energy transition goals.

ESTABLISHMENT AND DEVELOPMENT HISTORY



PTSC SUPPLY BASE

A BRANCH OF PETROVIETNAM TECHNICAL SERVICES CORPORATION (PTSC)

PROACTIVITY
TRUST
SUSTAINABILITY
COLLABORATION

**YOUR TRUSTED PARTNER
 FOR SUSTAINABLE SOLUTIONS**



VISION

Becoming a reputable EPC contractor in the global energy sector, with a focus on oil & gas and offshore renewable energy; maintaining and developing PTSC Supply Base as a leading regional hub for port, supply base, and logistics services while pioneering offshore renewable energy services.



MISSION

Providing professional, high-quality technical and logistics solutions for the oil & gas and renewable energy industries; optimizing clients' operational efficiency; promoting innovation, environmental protection, and social responsibility.



CORE VALUES

- P**roactivity: Anticipate and respond to customer needs, continuously improving to enhance service quality.
- T**rust: Build credibility and trust through integrity, discipline, and consistent delivery on commitments.
- S**ustainability: Provide professional services with a long-term and sustainable value for clients.
- C**ollaboration: Foster a collaborative and cohesive developing environment with partners and customers.



KEY HIGHLIGHTS



33

years of experience



82

(Hectares) Fabrication yards, Storage yard, Warehouses and Offices ...



750

(meters) berth length, capable of accommodating vessels up to 50,000 DWT



6

Anti-corrosion workshops, recognized among the most advanced in Asia



100+

major equipment units supporting construction and logistics operations

STANDARDS & CERTIFICATIONS

PTSC Supply Base proudly achieves internationally recognized certifications, reflecting our commitment to delivering safe, high-quality services in full compliance with global standards, while reinforcing our professional management and operational excellence.



ISO 9001:2015
QUALITY MANAGEMENT SYSTEM



ISO 14001:2015
ENVIRONMENTAL MANAGEMENT SYSTEM



ISO 45001:2018
OCCUPATIONAL HEALTH AND SAFETY MANAGEMENT SYSTEM



ISPS CODE:
INTERNATIONAL SHIP AND PORT FACILITY SECURITY CODE



EN 1090-2
EXECUTION OF STEEL AND ALUMINIUM STRUCTURES



ISO 3834:
QUALITY REQUIREMENTS FOR FUSION WELDING OF METALLIC MATERIALS



ISO 27001:2022
INFORMATION SECURITY MANAGEMENT SYSTEM

By strictly complying with these standards, **PTSC Supply Base** ensures outstanding quality across all service operations, delivering optimal and reliable solutions to clients and partners.

02

CORE BUSINESS

EPC, Module & Skid Fabrication Service	/14
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Port & Logistics Services	/18
Other Services	/20





EPC, Module & Skid Fabrication Service

EPC and Modules & Skids fabrication services represent one of the core business pillars of PTSC Supply Base. We specialize in delivering high-quality fabrication solutions that meet the demanding technical requirements of the oil & gas, renewable energy, and heavy industrial sectors.

The combination of modern infrastructure and equipment, advanced technical capabilities, and a highly experienced engineering team enables us to complete complex projects with the highest standards of quality, safety, and schedule performance. Our approach focuses on maximizing operational efficiency while delivering cost-effective and reliable solutions tailored to our clients' needs.

- Project Management
- Engineering
- Pre-fabrication
- Installation and Assembly Services
- Painting & Anti-Corrosion Services
- Non-Destructive Testing (NDT) Services
- Heat Treatment Services
- Weighing Services



Renewable Energy Project Services

Since 2021, PTSC has become one of the few entities in Vietnam possessing a comprehensive legal framework for wind power investment and has taken a pioneering role in the development of offshore wind power projects, acting as both EPC Contractor and Developer.

Leveraging more than 33 years of experience, PTSC Supply Base has been positioned by PTSC as a strategic link within the renewable energy value chain. The unit also serves as the focal point for service deployment and operational transformation under its new designation - **PTSC Supply Base (Oil & Gas Supply Base Port and Renewable Energy Services)**.

Strategically located within the Southern Vietnam Energy Industrial and Offshore Technical Logistics Hub, and supported by integrated infrastructure and the capability to accommodate large-tonnage vessels, PTSC Supply Base is well positioned to meet the stringent technical and schedule requirements of large-scale renewable energy projects both domestically and internationally.



SCOPE OF SERVICES:

- Geotechnical survey services
- Engineering, Procurement, and Construction (EPC) of jackets, piles, and offshore substations
- Transportation and installation of jackets, piles, offshore substations, subsea cables, towers, and wind turbines
- Provision of transportation vessels for equipment and personnel during operational phases
- Wind turbine operation and maintenance services
- Decommissioning services



Port & Logistics Services

Proudly recognized as one of the largest energy industrial and technical logistics hubs in Southeast Asia, PTSC Supply Base operates a dedicated port and logistics base system spanning more than 82 hectares.

We provide comprehensive port and logistics base solutions for the oil and gas industry. Supported by integrated infrastructure and standardized operational processes, PTSC Supply Base is committed to fully meeting the most stringent international standards for Safety - Quality - Efficiency, reinforcing our position as a strategic partner for large-scale oil and gas projects.



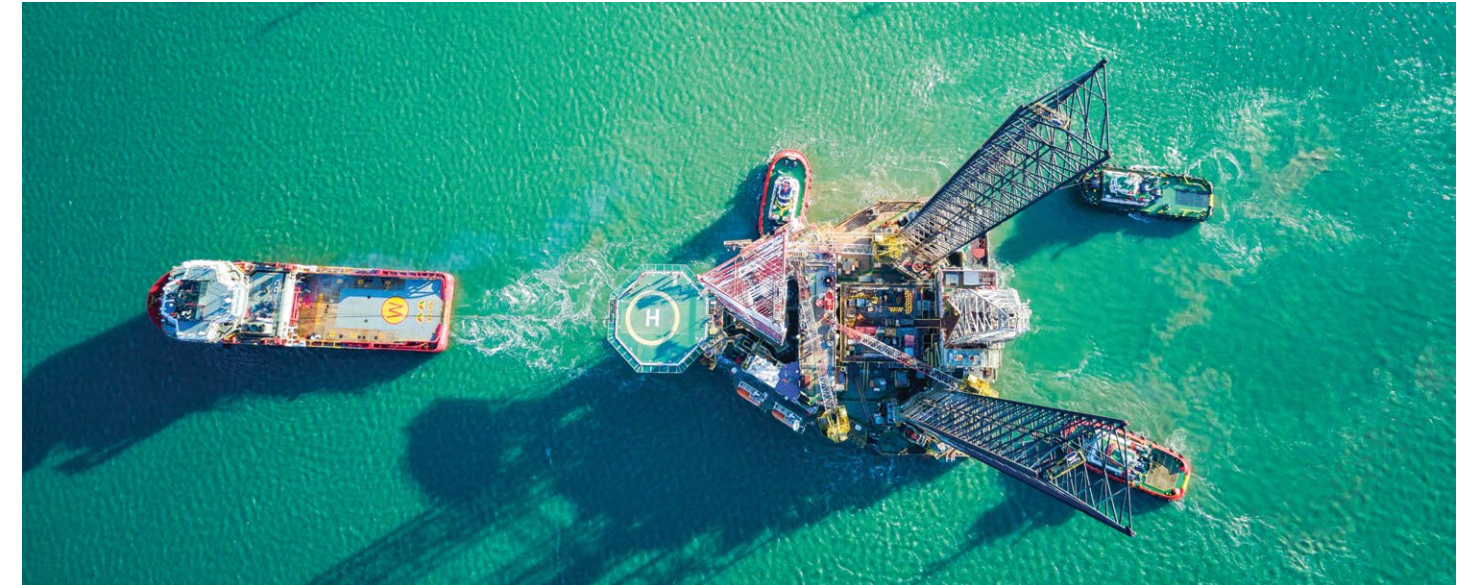
- Berth and marine services for vessels, barges, and offshore drilling rigs
- Cargo handling, lifting, and transportation services
- Office, warehouse, and yard leasing services
- Operation of silos and drilling fluid (mud) plants
- Provision of manpower, transport assets, lifting equipment, and offshore containers
- Mechanical repair, maintenance, and fabrication services
- Inspection services, including load testing, MPI (Magnetic Particle Inspection), certification, and lifting gear management
- Waste management and collection services



Other Services

Located in Vung Tau - a strategic gateway for international maritime trade - PTSC Supply Base is a leading provider of integrated technical logistics and marine services, supporting vessels, offshore rigs, and industrial projects both domestically and internationally.

With more than 33 years of experience, modern infrastructure systems, and a highly professional workforce, we deliver safe, flexible, and cost-effective solutions that meet clients' schedule and operational requirements across the oil and gas, energy, and industrial sectors.



CORE SERVICES AREAS:

- **Shipping Agency Services:** Vessel clearance procedures, pilotage and tug arrangement, immigration and customs support, supply of materials and provisions, logistics support, and crew change services.
- **Logistics & Transportation:** International freight forwarding, customs clearance, multimodal transportation, door-to-door delivery, and integrated logistics solutions for EPC projects.
- **Supply of Materials & Equipment:** Provision of steel products, industrial materials, industrial gases, and equipment serving the oil and gas, energy, shipbuilding, and construction industries.
- **Heavy Lifting & Oversized Cargo Transportation:** Provision of heavy-lift cranes and execution of lifting, transportation, alignment, jacking, and load-out operations for large-scale structures, including Topsides, Jackets, offshore rigs, as well as barge towing and skidding/rotation operations for project execution.

PTSC Supply Base is committed to delivering integrated solutions with high standards of quality, safety, and operational efficiency, contributing to optimized schedule performance and cost effectiveness for large-scale domestic and international projects.

03

INFRASTRUCTURE AND FACILITIES

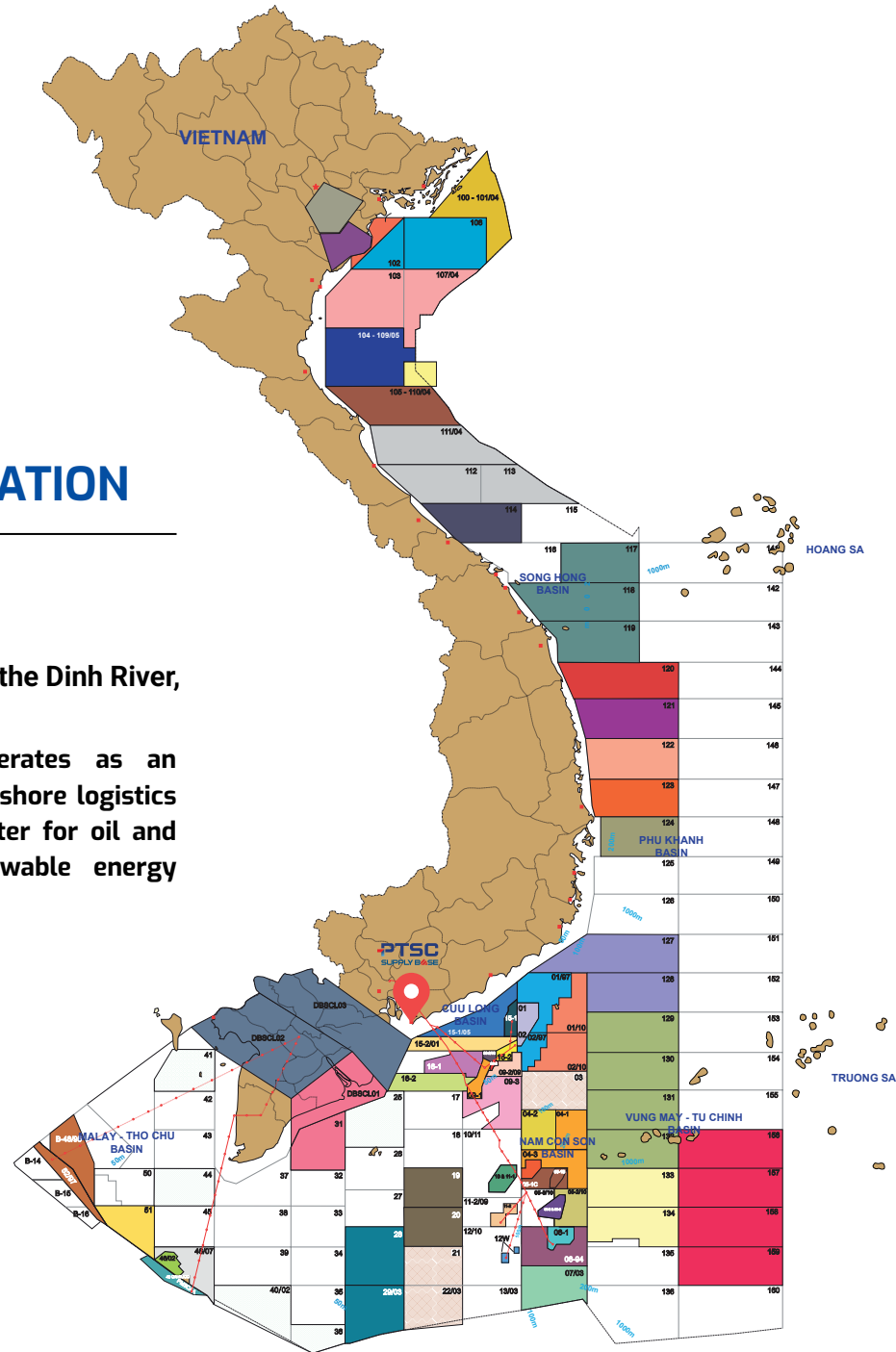


GENERAL INFORMATION

 **82.2** hectares

 Located downstream of the Dinh River, Vung Tau

 PTSC Supply Base operates as an international seaport, offshore logistics hub, and fabrication center for oil and gas and offshore renewable energy projects.



INFRASTRUCTURE & TECHNICAL CAPABILITIES

PORT FACILITIES:

- Total berth length: 750 m, width: 26 m
- Equipped with heavy-duty skidways with load capacities exceeding 50 tons/m², supporting load-out and launching operations for oversized structures weighing up to 25,000 tons
- Water depth: -9.5 m, with a design capacity of 20,000 DWT
- Proven capability to accommodate vessels of over 50,000 DWT

TOTAL PROJECT YARD AREA: 34 hectares, including:

- 27 hectares dedicated to project construction and fabrication activities
- 2 hectares allocated for corrosion protection workshop systems
- 5 hectares comprising pre-fabrication yards, workshop systems, and AutoFit facilities

TOTAL LOGISTIC BASE AREA: 48.2 hectares, including:

- Offices, warehouses, and storage yards: 21.8 hectares
- Internal road systems: 16.0 hectares
- Workshop facilities: 7.8 hectares
- Port and berth facilities: 1.9 hectares
- Silo systems, cement, barite, and drilling fluid facilities: 0.7 hectares





AUTOFIT SYSTEM – AUTOMATION SOLUTION AT PTSC SUPPLY BASE

GENERAL OVERVIEW:

The AutoFit System is an automated solution for the measurement and installation of stubs onto legs and bracings, optimizing construction schedules, minimizing execution risks, and ensuring high accuracy and safety in compliance with international standards for the oil and gas and renewable energy industries.

KEY FEATURES:

Applies Laser Tracker (Laser Probing) technology to verify dimensional parameters prior to installation. The system synchronizes measurement and fit-up processes, minimizes manual adjustments, and enhances quality control through data output and traceability after each installation operation.

ANTI-CORROSION WORKSHOP SYSTEM

GENERAL OVERVIEW:

The Anti-Corrosion Protection Workshop System at PTSC Supply Base is designed in accordance with international standards, integrating semi-automatic abrasive blasting technology and enclosed coating application systems to support the treatment and protection of large-scale steel structures.

Strict control procedures for surface preparation, environmental conditions, and coating application parameters are maintained to ensure coating quality, anti-corrosion resistance performance, and long-term durability, meeting the technical requirements of industrial, oil and gas, and offshore renewable energy projects.

TECHNICAL SPECIFICATIONS:

- 04 workshops with dimensions of 29 × 30 × 25 m (L × W × H) and 02 workshops with dimensions of 42 × 44 × 45 m (L × W × H)
- Surface preparation by abrasive blasting to standards SA 2.5 – SA 3.0
- Surface cleanliness and roughness control prior to coating application
- Automated coating systems with DFT (Dry Film Thickness) control in accordance with design specifications
- Humidity control systems maintaining relative humidity below 50%





200T GANTRY CRANE SYSTEM

In order to optimize construction timelines and support the installation of large-scale structures, while further enhancing the operational efficiency of the AutoFit system, PTSC Supply Base has invested in a dual 200-ton gantry crane system with an operating height of up to 24 meters.

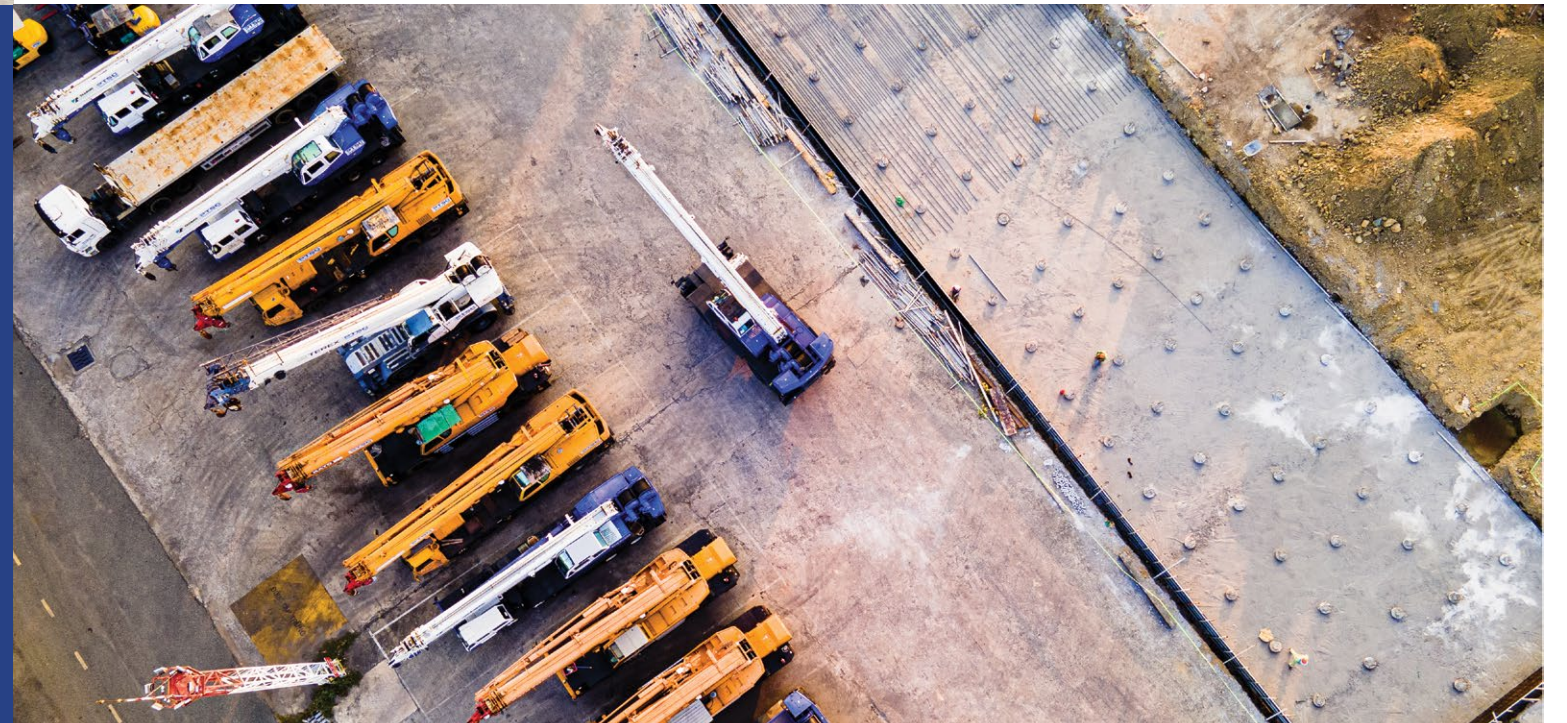


EXTENSIVE FLEET OF EQUIPMENT & MACHINERY

PTSC Supply Base possesses a fleet of more than 100 lifting and transportation equipment units to support integrated logistics and structural handling operations.

The fleet includes three Self-Propelled Platform Hydraulic Transporters (SPHTs), each with a load-handling capacity of up to 270 tons. In addition,

we maintain strategic partnerships with leading heavy-lift and transportation service providers, enabling us to mobilize cranes with lifting capacities of up to 1,500 tons and large-scale Self-Propelled Modular Transporters (SPMTs) to support oversized and heavy-lift cargo handling requirements for complex industrial, oil & gas, and offshore renewable energy projects.



04

HIGHLIGHT PROJECTS



ONSHORE INDUSTRIAL PROJECTS



HSVCI-PP4

Client: HYOSUNG
Contractor: eTEC ENC/YSE
Period: March 2019 - November 2019
Scope of Work: Fabrication and installation of 4,500 tons of steel structures and 12,000 dia-inch of piping systems.



NGHI SON REFINERY PROJECT (SPM9 PROJECT)

Client: GS E&C
Period: June 2015 - December 2015
Scope of Work: Fabrication of 15,000 dia-inch of piping and application of protective coating for 2,000 m² of piping systems.



AMMONIA NH3 PROJECT / PHU MY FERTILIZER PLANT

Client: PVFCCo
Period: June 2015 - September 2017
Scope of Work: Participated in Turnaround services for the Phu My Fertilizer Plant, covering HTER heat exchanger maintenance, reactor servicing, piping works, non-destructive testing (NDT), material supply, and punch list closure.



AMMONIA PLANT REVAMP PROJECT

Client: PVFCCo
Period: June 2015 - September 2017
Scope of Work: Executed 20,000 dia-inch of piping works, installation of 1,200 tons of equipment, and approximately 210 tie-in points connecting to the existing plant facilities.

OFFSHORE OIL & GAS PROJECT



BIEN DONG 01 PROJECT

Client: Bien Dong POC
Period: March 2010 - November 2012

Scope of Work: Fabrication of

- 1 Central Processing Platform (13,600 MT)
- 1 Jacket Structure (11,500 MT)
- Foundation Piles (4,500 MT)
- 1 Wellhead Platform (3,000 MT)
- Subsea pipelines and power cable systems



SU TU TRANG FFD PROJECT

Client: Cuu Long JOC
Period: February 2015 - August 2016

Scope of Work: Fabrication of

- 2 process modules
- 1 Jacket structure & Foundation piles

Total structural weight: approximately 7,500 MT.



GHANA FPSO PROJECT

Client: Yinson/ Kanfa
Period: August 2015 - May 2016

Scope of Work: Fabrication of 06 process modules
Total fabrication weight: approximately 5,000 MT



GALLAF PROJECT (PACKAGES 1 & 3)

Project Owner: North Oil Company (NOC)
Main Contractor: PTSC M&C
Period: 2018 - 2024
Scope of Work: Executed EPCI services (Engineering, Procurement, Construction, and Installation) for wellhead platforms, jacket structures and bridges.

RENEWABLE ENERGY PROJECTS



FORMOSA 4 OFFSHORE SUBSTATION (F4 OSS)

Project Owner: SRE
Contractor: Semco Maritime/ PTSC MC
Period: December 2025 - August 2026
Scope of Work: Fabrication of grillage and deck structures with a total weight of 1,000 tons, including 15,000 m² of coating works.



BALTICA 2 OFFSHORE WIND PROJECT

Project Owner: PGE Group - Ørsted
Contractor: Semco Maritime/ PTSC MC
Period: 2025
Scope of Work: Fabrication of grillage and deck structures with a total weight of nearly 3,000 tons, including 32,000 m² of coating works.



GREATER CHANGHUA 2B & 4 (CHW2204)

Client: Ørsted (Denmark)
Period: 2023 - 2025
Scope of Work: EPC contractor for 33 offshore wind jacket foundations, with a total fabrication weight of 70,000 tons.

05

CLIENTS & PARTNERS







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