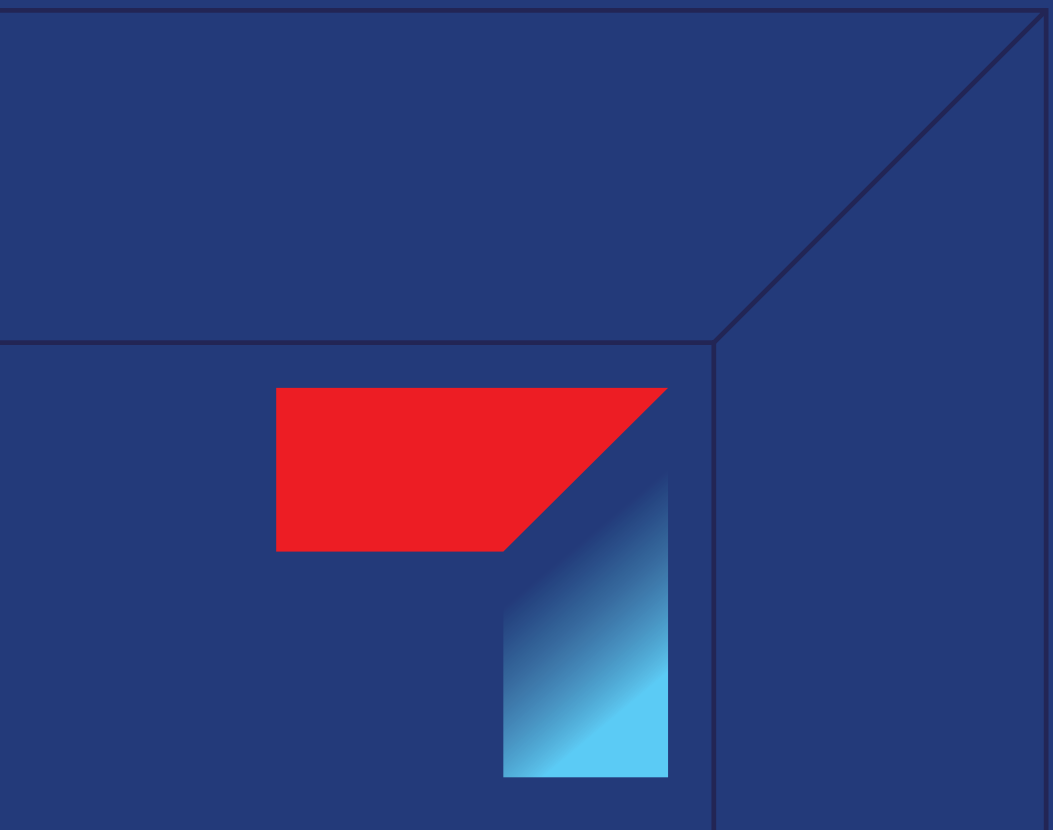
PTSC

A member of PETROVIETNAM

Your Trusted Partner for Sustainable Solutions



Your Trusted Partner for
Sustainable Solutions

Chapter 01 MESSAGE FROM CEO /7

Chapter 02 PTSC CHAIN OF SERVICES /13

Chapter 03 ESTABLISMENT AND DEVELOPMENT /17

Chapter 04 CORE SERVICES /21

Chapter 05 TYPICAL PROJECTS /39

Chapter

01

MESSAGE FROM CEO

"...With the solid foundation and the tradition of more than 50 years, going through progress of establishment, merger, equitization and transformation, PTSC has gradually developed, enhanced its position and become a leading corporation in Vietnam - a big name in the sector of technical services for oil & gas industry and other industries in the region. Established in 1993, PTSC has always been full of strong energy, vitality with will, aspiration, determination to overcome all difficulties.

From a company that only provides internal services with 100% of revenue from oil and gas activities in Vietnam, up to now, PTSC has expanded its core services and conquered the international market with more than 50% of the revenue structure from annual foreign revenue accounting.

PTSC's core businesses are to provide technical services for oil & gas, energy and industrial sectors in which the strategic core services have been professionalized up to international standard, such as: EPCIC for offshore facilities; EPC for industrial plants; FSO/FPSO; Offshore supply vessels; Geological and subsea surveys; Installation, operation and maintenance of offshore facilities; Port & Supply base and Technical manpower supply.

In line with the global energy transition trend - which contributes to sustainable community and societal development, enhances business efficiency, and strengthens national competitiveness - PTSC is committed to continuously improving and comprehensively developing its offshore wind energy capabilities, while gradually building capacity for further green hydrogen exploitation. In addition, PTSC aims to play a pivotal role in the domestic supply chain by contributing to the localization efforts for Vietnam's first nuclear power plant.

With the resources, facilities, professional and creative labor force, successfully and high-quality implementation of several offshore projects, PTSC is committed to promoting all strengths of capacity and experience, ensuring the success of projects, affirming and strengthening its position as a trustworthy contractor, a trustworthy partner, a trustworthy business with clients...".

Vision

Developing PTSC to be a reputable international brand in the energy sector with a focus on oil and gas industry and offshore renewable energy.

Mission

- Providing comprehensive and optimal solutions, bringing outstanding added value.
- Promoting PTSC's unique corporate culture, inspiring and developing employees' potential.
- Pioneering in energy transition, contributing to the sustainable development of society.

CORE VALUE

Proactivity

"We do not wait for the future but create it proactively".
The proactive spirit helps PTSC seize opportunities, overcome challenges, and always move forward with a clear plan.

Trust

"Trust is the foundation of every relationship".
We build our reputation and trust based on integrity and commitment fulfillment.

Sustainable

"Develop today, preserve tomorrow".
We are committed to building a sustainable future by balancing economic, social, and environmental benefits.

Collaboration

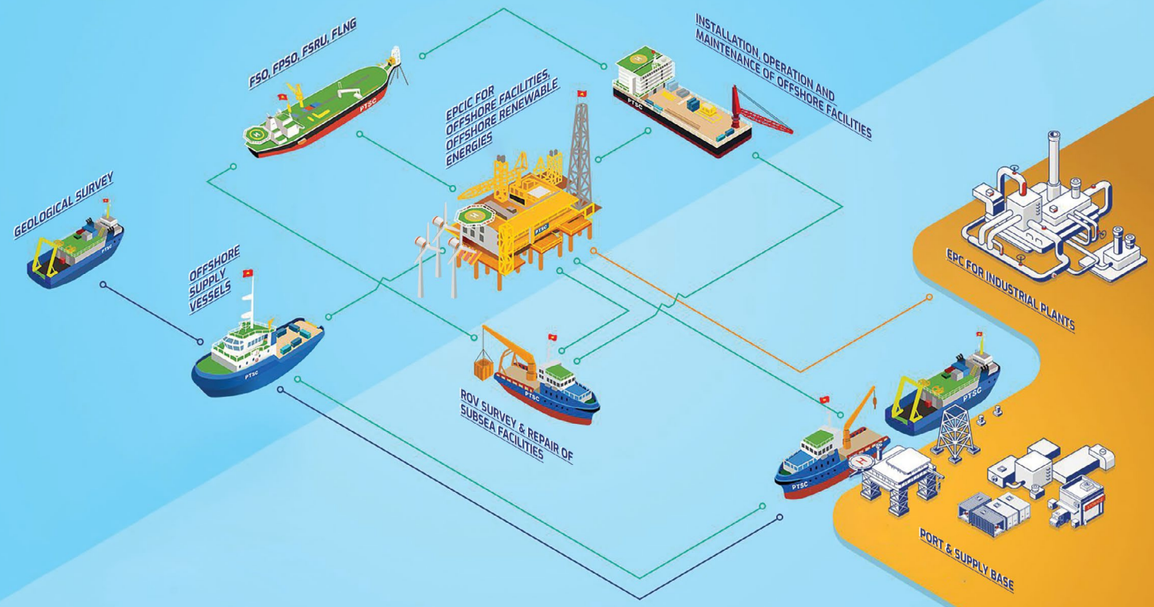
"Together, we will create greater values".
We believe that cooperation, sharing responsibility, and commitment will achieve outstanding success.

Chapter

02

PTSC CHAIN OF SERVICES

PTSC can supply chain of services as below:



Chapter

03

ESTABLISHMENT AND DEVELOPMENT

1966

Establisment of 36F Geophysics Group

1976

Decision No. 458/TTg for approval of Vung Tau Petroleum Supply Base - the predecessor of GPTS

1986

Establisment of Petroleum Services Company (PSC)

1989

Establisment of Geophysical and Petroleum Technical Services Company (GPTS)

1993

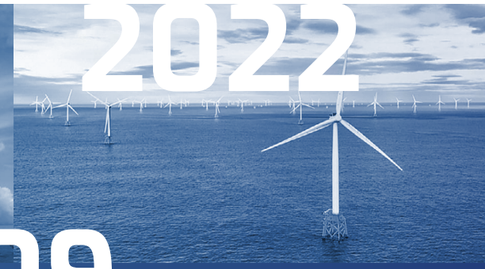
Establisment of Petroleum Technical Services Company (PTSC)

2006-2007

PTSC was equitized to become a Joint Stock Company and listed on Hanoi Stock Exchange (HNX) under stock symbol – PVS

2009

Petroleum Technical Services Corporation was renamed Petrovietnam Technical Services Corporation



2022

Expansion of core business sector: investment, development and operation in renewable energy projects

Chapter

04

CORE SERVICES

PTSC provides high technical services for oil & gas, energy and industrial sectors with professionalism and international standards:

EPCIC for offshore facilities /22

Charter and O&M of FSO/FPSO/FSRU/FLNG /24

Installation, Operation and Maintenance of offshore facilities /26

Offshore supply vessels /28

Port & Supply Base /30

EPC for industrial plants /32

Geological survey, ROV survey & repair of subsea facilities /34

Renewable energy /36

EPCIC for offshore facilities

PTSC is the leading oil & gas contractor in Vietnam and region, has gained widespread prestige in the world with providing Engineering, Procurement, Fabrication, Construction, Transportation, Installation, Hook-up and Commissioning (EPC/EPCIC) services for offshore facilities such as drilling rigs, central processing platforms, wellhead platforms, compressor platforms, accommodation platforms, semi-submersible rigs, FSO/FPSO, subsea systems, etc...

With a creative, enthusiastic, technology-controlled and skillful workforce,

PTSC has successfully implemented nearly

100

EPC/EPCI projects

ensuring the highest safety, quality schedule and efficiency with high appraisal from the clients inside and outside Vietnam such as: Talisman, Premier Oil Vietnam, Petronas, British Petroleum, Cuu Long JOC, Hoang Long JOC, Bien Đong POC, Thang Long JOC, Lam Sơn JOC, Total E&P, ONGC, NOC, Equinor, Orsted...

Several large scaled projects of national records with total fabrication volumes up to hundreds of thousand tons have been entirely completed by PTSC's local workforce.

PTSC is now capable of carrying out the detailed engineering by

100%

local engineers for many offshore oil & gas projects inside and outside Vietnam.

With the existing capabilities and experience, PTSC continues to develop and maintain its position as the leading EPC/EPCIC contractor in the region.

Charter and O&M of FSO/FPSO/ FSRU/ FLNG

"The leading company..."

PTSC owns and co-owns 6 FSO/FPSO, provides operation and maintenance services for 9 FSO/FPSO/FRU in Vietnam and overseas. PTSC is the leading company in Vietnam with expertise in the technologies in newbuild, conversion, management, operation and maintenance services for the FSO/FPSO/ FSRU/FLNG.

Below are the main services provided by PTSC in this area:

- Investment, provision, charter of FSO/FPSO/FSRU/FLNG;
- Engineering, Procurement, Fabrication, Construction, Transportation, Installation, Hook-up and Commissioning (EPCIC);
- Management, operation, maintenance, repair and supply of skilled technical manpower for FSO/FPSO/FSRU/FLNG.

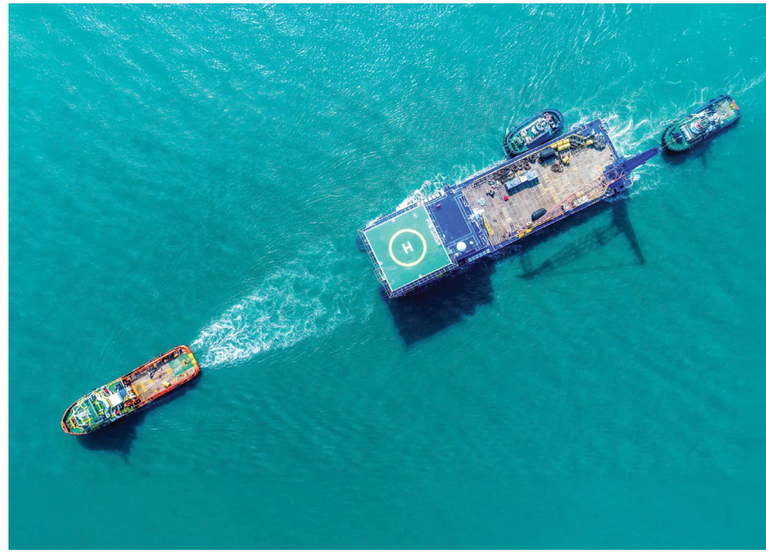
Installation, Operation and Maintenance of offshore facilities

Provision of Transportation & Installation (T&I), Hook-up & Commissioning (HUC), Operation & Maintenance (O&M) services.

Since 2002, PTSC has successfully handed over many key projects for domestic and international oil & gas clients.

Our main services are:

- Fabrication of small to medium-sized components for offshore installation.
- Transportation, installation, hook-up and commissioning for offshore facilities.
- Repair, upgrade, removal and decommissioning of oil & gas offshore facilities.



- Operation and maintenance of oil & gas offshore facilities.
- Provision of spare parts, bonded warehouse services, overhaul, maintenance of safety equipment, fire extinguishers, life - saving appliances, inspection and certification of equipment.

Offshore supply vessels

PTSC's fleet is operated by highly competent and experienced crew members.

PTSC owns and operates a dedicated fleet to support exploration and operation activities in oil & gas, including: Anchor Handling Tug Supply vessels (AHTS), Offshore Support vessels (OSV & PSV) with Dynamic Positioning (DP1 & DP2) system, Seismic Support vessels, Field Standby & Safeguard vessels, etc.

In addition to vessels under PTSC's ownership, we also cooperate with local and international allied ship owners under various forms: bareboat charter, time charter, spot charter, etc.

PTSC's fleet is operated by highly competent and experienced crew members.

Port & Supply Base

PTSC is managing and operating a nationwide network of ports and supply bases, from the North to the South of Vietnam, with a total area of over 320 hectares,

Including PTSC Dinh Vu port, Nghi Son port, Hon La port, Son Tra port, Dung Quat port, Phu My port, Sao Mai-Ben Dinh port, PV Shipyard, PTSC Supply Base.

This network satisfies full demands for logistics services of all petroleum companies, oil & gas operators and contractors operating in Vietnam, as well as serving as fabrication yards for modules, construction for oil & gas, industrial and offshore renewable projects inside and outside Vietnam.

With the existing facilities and equipment, PTSC can provide a complete package of logistics and port services including:

- Wharfage, jetty, warehouse, open storage space and office lease;
- Supply and rental of cargo handling equipment and vehicles;
- Cargo handling and transportation, heavy-lift weighing and load-out of offshore structures;

- Supply of fuel, lubricants, fresh water and ship-repair services;
- Technical manpower staffing;
- Shipping agency, customs clearance, logistics and multimodal freight forwarding.

EPC for industrial plants

Since the success of Dinh Co GPP project, Nam Con Son condensate storage project in the 2000s,

PTSC has now expanded the implementation of EPC projects for various onshore industries such as thermal power plants, petrochemical, refineries and fertilizer plants, which have reached international standards and satisfied the requirements of our clients.

PTSC commits to providing services to customers with criteria as follows:

Safety

To maintain a safety management system in compliance with international standards and to ensure the highest commitment to safety and environmental protection during the execution phase.

Schedule

To maintain the availability and diversity of facilities, resources and logistics systems to meet the project's schedule.

Quality

To have an enthusiastic, professional and internationally qualified labor force; to employ experienced supervisory staff to fulfil the project's quality requirements.

Competitiveness

To perfect the system and continuously to improve productivity in order to bring optimal solutions with competitive pricing

Geological survey, ROV survey & repair of subsea facilities

PTSC provides geological and geophysical surveys, surveying and repairing subsea facilities by using ROV (Remote Operated Vehicle), provision and operation of specialized ROV survey vehicles and equipment.

"PTSC is the only member..."

PTSC is the only member in Petrovietnam and in Vietnam who has sufficient capacity and experience to carry out such survey services that meet international standards. Our main services are:

- Geophysical Survey Services;
- Geochemical Metocean & Oceanographic Survey Services; Data processing and interpretation, lab testing and reporting
- Supports drilling operations, surveys, mechanical repair, maintenance and installation of subsea structures by ROV.

Renewable Energy

"An Investor..."

With the experiences gained from the first renewable energy projects in Vietnam - Truong Sa islands (2008) and Phu Quy island (2010) - until joining in recent renewable energy service supply chains, also to adapt to the transition from traditional hydrocarbon to renewable energies and Vietnam Government's commitment of CO_2 net-zero emission by 2050, PTSC has been actively involved in the renewable energy field, especially offshore renewable energy, as a project investment and development corporation.

With its infrastructure, facilities and experience gained from oil & gas and industrial projects that PTSC executed successfully for more than 30 years, PTSC can provide full services to the offshore wind power project, including:

- Geophysical survey;
- EPC of jacket, monopile transition pile, offshore substation;
- Transportation, installation of jackets, monopile, transition pieces, offshore substation, subsea cables, towers and wind turbines;
- Supplying vessel for personnel and equipment transfer during operation;
- Operation and Maintenance of the turbine;
- De-commissioning.

"...and a Contractor"

In 2021, the General Meeting of Shareholders authorized PTSC to become the developer / investor of offshore wind projects, making it the only unit within Petrovietnam with full legal grounds to invest in this promising sector.

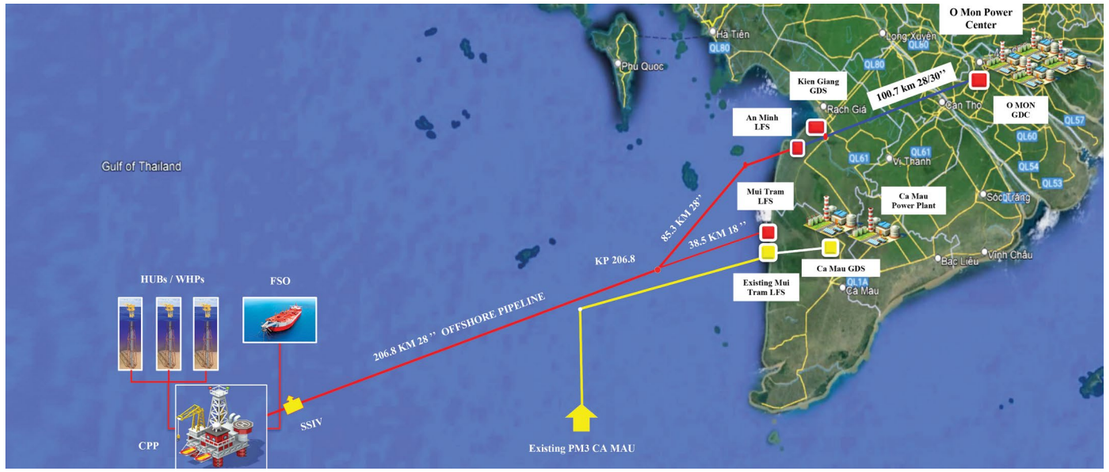
PTSC is the first enterprise licensed by the Ministry of Natural Resources and Environment to implement monitoring, investigation, survey and evaluation of marine resources for the development of offshore wind power projects.

Chapter

05

TYPICAL PROJECTS

1. Offshore Projects



01 BLOCK B - O MON

Client: PQ POC, SW POC

Location: Vietnam

Duration: 2023 - 2026

Scope of work: Engineering, Procurement, Construction, and Installation for Central Production Platform, Living Quarter Platform & Flare Tower - Vietnam Block B Gas.

Project Detailed Design for the Entire project, Procurement, Construction and Installation of Onshore Pipeline, Stations and Commissioning for the Entire project - Block B - O Mon Gas Pipeline Project.

02 SAO VANG - DAI NGUYET

Client: Idemitsu Gas Production (Vietnam) Co.,Ltd

Location: Vietnam

Duration: 2017 - 2021

Scope of work: Main EPCIC Contractor for Sao Vang Central Processing Platform (CPP) and Dai Nguyet Wellhead Platform.

03 GALLAF 3

Client: North Oil Company

Location: Vietnam - Qatar

Duration: 2021 - 2024

Scope of work: Detailed engineering, procurement, construction, transportation, installation, hook-up and offshore commissioning (EPCI) for two Wellhead Platforms (WHPs), including fabrication of one Central Processing Platform (CPP) jacket.

1. Offshore Projects

04 FSO PTSC LDV

Client: Murphy Cuu Long Bac Oil Co. Ltd

Location: Block 15-1/05, offshore Vietnam

Duration: 2026 - 2041

Scope of work: Provision and timecharter of FSO including O&M service.

05 FSO PTSC BIEN DONG 01

Client: Bien Dong POC

Location: Hai Thach - Moc Tinh Field

Duration: 2013 - 2028

Scope of work: Provision and charter of FSO facility and O&M service.

2. Industrial Projects

01 THI VAI LPG SPHERICAL TANK PROJECT

Client: PV GAS

Location: Vietnam

Duration: 2023 - 2024

Scope of work: Engineering, Procurement and Construction (EPC) for project.

02 THI VAI LNG TERMINAL

Client: PV GAS

Location: Vietnam

Duration: 2019 - 2023

Scope of work: Engineering, procurement, construction and commissioning.

2. Industrial Projects

03 LONG SON PETROCHEMICALS - LSP

Client:	Long Son Petrochemical Co., Ltd
Location:	Vietnam
Duration:	2019 - 2023
Scope of work:	Engineering, procurement, construction and commissioning.

04 CA MAU GAS PROCESSING PLANT

Client:	PV GAS
Location:	Vietnam
Duration:	2015 - 2017
Scope of work:	Engineering, procurement, construction.

3. Renewable Energy

01 THANG LONG (3.400MW)

Client:	Enterprize Energry
Location:	Binh Thuan, Vietnam
Duration:	2021 - 2023
Project type:	Nearshore
Scope of work:	Provision, installation and operation for a FLIDAR.

02 BEN TRE, TRA VINH & CA MAU

Client:	Siemens Gamesa Renewable Energy
Location:	Ben Tre - Tra Vinh - Ca Mau, Vietnam
Duration:	2021 - 2027
Project type:	Nearshore
Scope of work:	Supplying vessels for transfer and O&M service.

3. Renewable Energy

03 HAI LONG 2 & 3 (1.042MW)

Client: Hai Long 2 Offshore Wind Power Co., Ltd and Hai Long 3 Offshore Wind Power Co., Ltd

Location: Taiwan Strait, Taiwan

Duration: 2022 - 2024

Project type: Nearshore

Scope of work: EPC of 02 offshore substations (OSS).

04 GREATER CHANGHUA 2B&4 (600MV)

Client: Orsted

Location: Taiwan Strait

Duration: 2023 - 2025

Project type: Nearshore

Scope of work: ePC 33 jackets.

05 BALTICA 02 OWF

Client: PGE Group - Ørsted

Location: Poland

Duration: October 2023 - September 2026

Project type: Nearshore

Scope of work: Consortium member (with Semco Maritime) for the EPCC of 04 Offshore Substation Platforms.

06 FENGMIAO 1 (500MW)

Client: Copenhagen Infrastructure Partners - CIP

Location: Taiwan

Duration: 2023 – 2025

Project type: Nearshore

Scope of work: CPC of 01 offshore substations (OSS).

PETROVIETNAM
TECHNICAL SERVICES CORPORATION

Tel: (+84) 28 3910 2828
Fax: (+84) 28 3910 2929
Website: www.ptsc.com.vn

Add: 5th floor Petrovietnam Tower,
1 Le Duan street, Sai Gon ward,
Ho Chi Minh city, Vietnam