



A member of PETROVIETNAM

COMPREHENSIVE SOLUTIONS, DRIVEN BY TRUST



An aerial photograph of an offshore oil rig and a support vessel in the ocean at sunset. The rig is a large, complex structure with orange and blue components, featuring a helipad and various cranes. A support vessel, a large black and white ship with a green deck, is positioned to the left of the rig. The sun is low on the horizon, creating a bright orange and yellow glow that reflects on the water's surface. The sky is a deep blue, and the water is a dark blue with some whitecaps.

*COMPREHENSIVE SOLUTIONS,
DRIVEN BY TRUST*



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Chapter 01

MESSAGE FROM CEO





Mr. Le Manh Cuong

*Member of the Board of Directors
President & CEO*

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“...With the solid foundation and the tradition of more than 50 years, going through more than 50 years 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. Since establishment 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 70% 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/FP50; Offshore supply vessels; Geological and subsea surveys; Installation, operation and maintenance of offshore facilities; Port & Supply Base and Technical manpower supply.

Regarding the trend of energy transition, in order to maximize the value of the service supply chain, PTSC is promoting and focusing on development and provision of similar supply chain to the renewable energy sector, especially offshore renewable energy. PTSC has now completed the preparation stages and been ready to undertake and ensure the success of offshore renewable projects, meeting the highest requirements of the investor...

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...”

”



CORE VALUE

Vision

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

Mission

Increasing interests and trust of shareholders, clients, partners and employees, contributing to the growth and social development of the community as well as the protection of the environment.



Professional

Professionalism is the top criterion determining the success of the PTSC.

Trustworthy

The trust of shareholders, clients, partners and employees creates strength and increases competitive advantage for PTSC.

Sustainable

With exceptional capabilities built through more than 50 years of establishment and development, PTSC is confident in extending its services to the offshore renewable energy in order to develop green energy sources and create a sustainable community and environment.

Creative

Constant innovation and creation are typical characteristics that makes PTSC. With highly qualified human resources of international standards, PTSC is always ready to integrate, develop and expand new services to dominate the domestic and international markets.

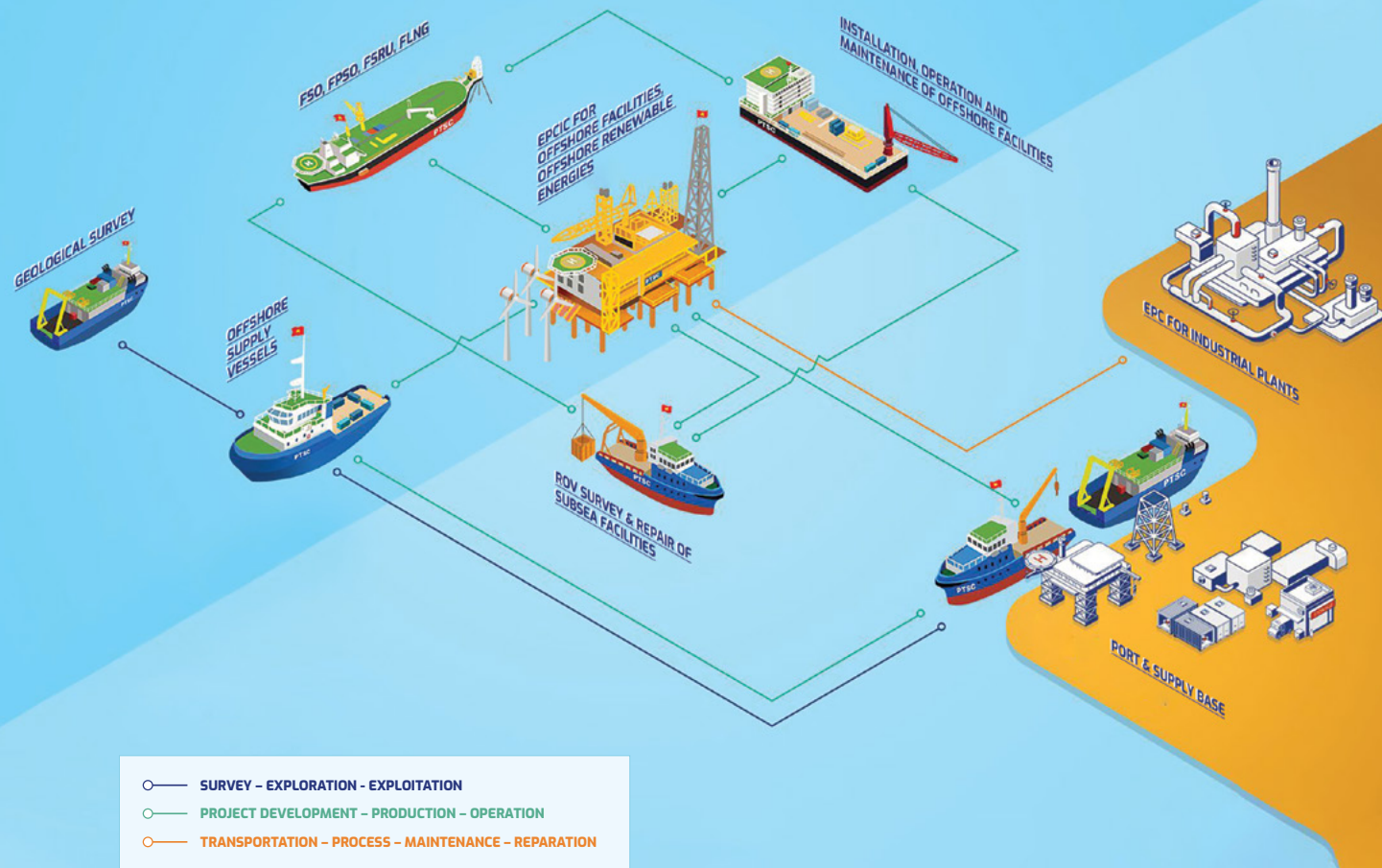


Chapter

02

PTSC CHAIN OF SERVICES










Chapter
03


**ESTABLISHMENT
AND DEVELOPMENT**





Establishment of Petroleum
Services Company (PSC)


Establishment of Petroleum
Technical Services Company
(PTSC)



PTSC's Headquarters was relocated to
Ho Chi Minh City and PTSC's stock was
listed on Hanoi Stock Exchange (HNX)
under stock symbol – PVS


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



1976


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




1986

1989

Establishment of Geophysical and Petroleum Technical Services Company (GPTS)




1993



2006

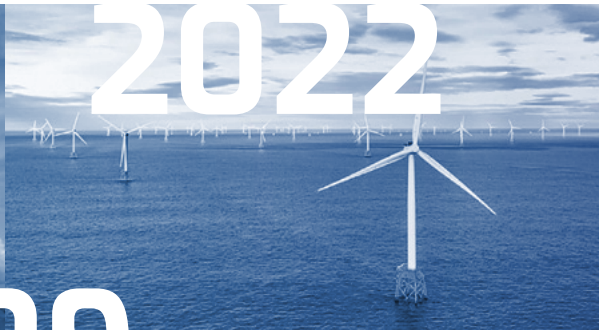
PTSC was equitized to become a Joint Stock Company



2007

2009

Petroleum Technical Services Corporation was renamed Petrovietnam Technical Services Corporation



2022



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
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EPCIC for offshore facilities

PTSC is the leading oil & gas contractor in Vietnam and the region, gaining prestige in the world for provision of 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 Dong POC, Thang Long JOC, Lam Son JOC, Total E&P, ONGC, NOC...

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.



FSO/FPSO/ FSRU/FLNG

“The leading company...”

PTSC owns and co-owns 6 FSO/FPSO, provides operation and maintenance services for 9 FSO/FPSO/FSRU in Vietnam and overseas. PTSC is the leading company in Vietnam that masters 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 foreign 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, 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 is able to 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

From 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 has reached international standards and satisfied the requirements of our clients.



PTSC commits to provide 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, survey and repair of subsea facilities 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 of 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 & Geotechnical 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 CO₂ 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.



“...and a Contractor”

In 2021, the General Meeting of the Shareholders of PTSC has resolved for PTSC to become the developer/investor of offshore wind projects, making PTSC the only one in Petrovietnam to have full legal grounds to invest in this potential and promising area.

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

Such services 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.



Chapter

05

TYPICAL PROJECTS



1. Offshore Projects



01 SAO VANG - DAI NGUYET

Client: Idemitsu Kosan Co., Ltd
Location: Vietnam
Duration: 11/2017 – 10/2021
Scope of work: Main EPCIC Contractor for Sao Vang Central Processing Platform (CPP) and Dai Nguyet Wellhead Platform.



02 GALLAF BATCH 1 (EPCI 02)

Client: North Oil Company
Location: Vietnam - Qatar
Duration: 11/2018 – 03/2021
Scope of work: Main EPCIC Contractor for O3 Wellhead Platform Topsides, Linked-bridges, brownfield modification.



03 HEERA RE-DEVELOPMENT

Client: ONGC
Location: India
Duration: 04/2013 – 11/2014
Scope of work: Fabrication subcontractor for Central Processing Platforms.



04 BIEN DONG 01

Client: BIEN DONG POC
Location: Vietnam
Duration: 03/2010 – 11/2012
Scope of work: Main EPCIC Contractor for Hai Thach Central Processing Platform (CPP) and HT1 & MT1 Wellhead Platforms.

2. Industrial Onshore Projects



01 LONG SON PETROCHEMICALS - LSP

Client: Long Son Petrochemical Co., Ltd

Location: Vietnam

Duration: 12/2019 – 12/2022

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



02 THI VAI LNG TERMINAL

Client: PV GAS

Location: Vietnam

Duration: 07/2019 – 12/2022

Scope of work: Engineering, procurement, construction and commissioning for Thi Vai LNG Receiving and Storage Terminal.



03 PHU MY NH3 & NPK PLANTS

Client: PVFCCo

Location: Vietnam

Duration: 06/2015 – 09/2017

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



04 CA MAU GAS PROCESSING PLANT

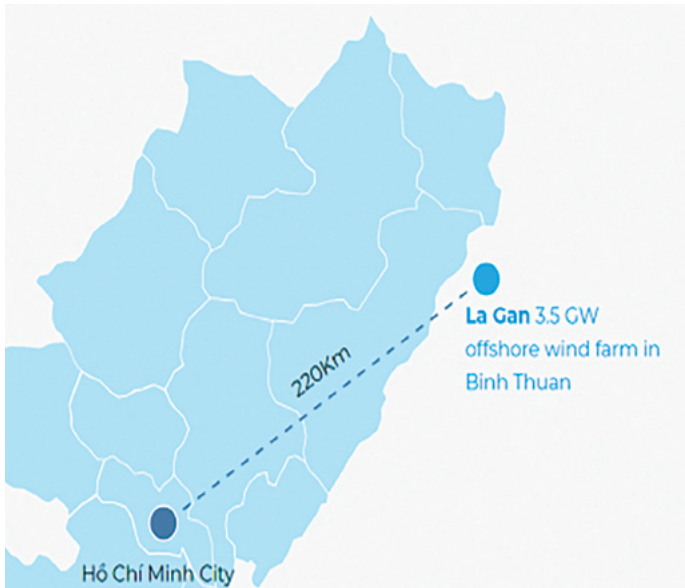
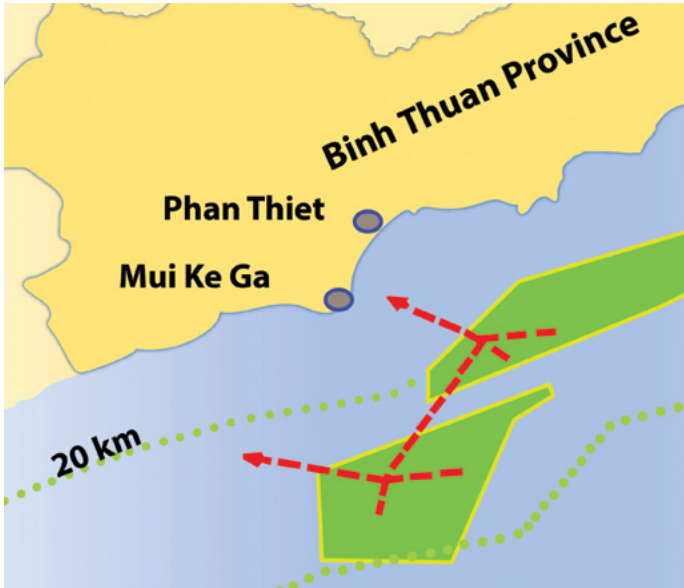
Client: PV GAS

Location: Vietnam

Duration: 06/2015 – 09/2017

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

Offshore



01 THANG LONG (3,400MW)

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

02 LA GAN (3,500MW)

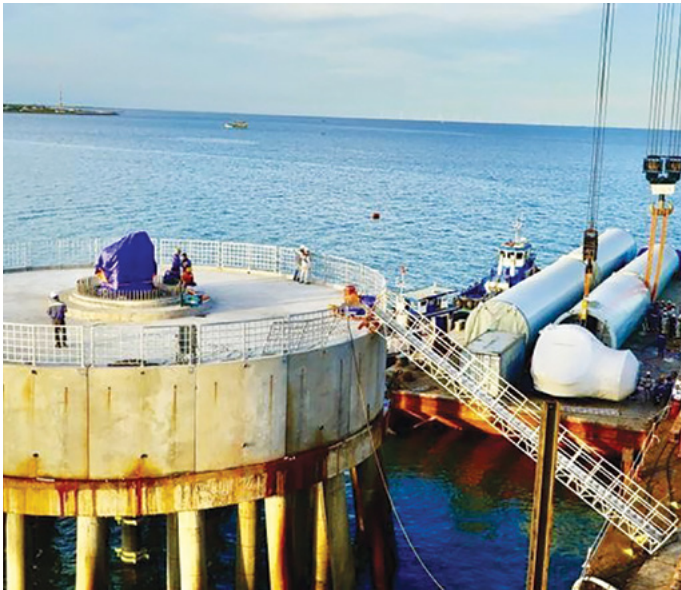
Client: Copenhagen Infrastructure Partners (CIP)
Location: Binh Thuan, Vietnam
Duration: 2021 - 2022
Scope of work: Collect soil and rock samples deep under the seabed.

03 HAI LONG 2&3 (1,042MW)

Client: Hai Long 2 Offshore Wind Power Co., Ltd & Hai Long 3 Offshore Wind Power Co., Ltd
Location: Taiwan Strait, Taiwan
Duration: Early engineering
Scope of work: EPC of 02 offshore substations (OSS).

3. Renewable Energy

Nearshore/Onshore



01 TAN THUAN
(75MW)

Client: PECC2/CEEC
Location: Ca Mau, Vietnam
Duration: Completed in October 2021
Project type: Nearshore
Scope of work: Transportation, installation subsea cable.



02 HOA BINH
(80MW)

Client: HACOM
Location: Bac Lieu, Vietnam
Duration: Completed in October 2021
Project type: Onshore
Scope of work: Transportation of wind turbines.



03 BEN TRE 7
(30MW)

Client: Ben Tre Renewable Energy JSC
Location: Ben Tre, Vietnam
Duration: Completed in September 2021
Project type: Nearshore
Scope of work: Installation of wind turbines towers.

3. Renewable Energy



04 DAK ND'RUNG
(100MW)

Client: China Energy Engineering Group
Location: Dak Nong, Vietnam
Duration: Completed in September 2021
Project type: Onshore
Scope of work: Installation of wind turbine towers.

05 SOC TRANG 7
(30MW)

Client: Xuan Cau
Location: Soc Trang, Vietnam
Duration: Completed in October 2021
Project type: Nearshore
Scope of work: Installation of wind turbines towers.

06 DONG HAI
(50MW)

Client: Vatenergy / Huy Hoang
Location: Bac Lieu, Vietnam
Duration: Completed in September 2021
Project type: Nearshore
Scope of work: Installation of wind turbine towers.

07 LAC HOA
(130MW)

Client: Lac Hoa 2 Wind Farm
Location: Soc Trang, Vietnam
Duration: Completed in August 2021
Project type: Nearshore
Scope of work: Supplying tug vessels and barges for turbine transportation.

3. Renewable Energy



08 LA BANG
(50MW)

Client: Gia Lai Electricity JSC
Location: Gia Lai, Vietnam
Duration: Completed in August 2021
Project type: Onshore
Scope of work: Transportation & Installation of wind turbine towers.



09 IA PẾT ĐAK ĐOA 1
(50MW)

Client: Ia Pết - Đak Đoa Wind Power Plant JSC
Location: Gia Lai, Vietnam
Duration: Completed in September 2021
Project type: Onshore
Scope of work: Supplying cranes for installation work.



10 BEN TRE, TRA VINH, CA MAU

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

3. Renewable Energy



11 PHU QUY
(25,4MW)

Client:	Petrovietnam	Project type:	Onshore
Location:	Phu Quy island, Vietnam	Scope of work:	Installation of wind turbine towers.
Duration:	Completed in August 2012		



12 TRUONG SA
(155MW)

Client:	Petrovietnam	Project type:	Onshore
Location:	Truong Sa islands, Vietnam	Scope of work:	Production and Installation of all steel structures of Solar cells and wind turbine towers.
Duration:	Completed in August 2010		

