



Annual REPORT 2022

Wonderful





Annual
REPORT
2022



CONTENTS

01

Overview

- 10 Message from the Chairman
- 12 Corporate Information
- 14 Our Network
- 24 Key Assets
- 32 Organizational Chart
- 34 Introduction of Board of Directors, Board of Management, Board of Supervisors, and Chief Accountant
- 40 30 Years of Development

02

Business Performance Reports in 2022

- 46 Key Achievements and Awards from 1993 to 2023
- 48 2022 Spotlights
- 52 Message from the President & CEO
- 56 Board of Management's Report
- 76 Board of Directors' Report
- 84 Board of Supervisors' Report

05

Our Stock (PVS)

- 120 Overview
- 121 Investors
- 124 Shareholder Relations
- 128 PVS Stock Review
- 132 Dividend History

03

Corporate Governance

- 94 Overview of PTSC's Corporate Governance
- 100 Risk Management

06

Financial statements

- 136 Financial statements

04

Sustainable Development Report

- 108 Overview of Sustainable Development
- 114 Sustainable Development Goals (SDG) Progress Report 2022

OVER VIEW

Since its inception 30 years ago, PTSC's journey has never been easy, with each stage of its development characterized by its own challenges. In the early days, the company had poor equipment and infrastructure and was affected by the fluctuations in the oil and gas services market. Then came the global and domestic financial crisis, the oil price crisis, and most importantly, the devastating COVID-19 pandemic, which was unprecedented in the world's history for more than 100 years, and confronted the oil and gas industry, including PTSC, with a double crisis of "COVID-19 and falling prices". However, throughout these 30 years and generations, PTSC's employees have overcome countless obstacles with their expertise, determination, solidarity, flexibility and creativity to seize new opportunities and achieve new successes.



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Vision - Mission - Core values

VISION - MISSION

VISION

Developing PTSC into an internationally-recognized trusted brand - a leading full-package solution provider in energy sector with focus on offshore oil and gas industry and offshore renewable energy.

MISSION

Promoting benefits and trusts of investors, clients, partners, and employees, and contributing to socio-community development and environmental protection.

CORE VALUES

P : Professional

Professionalism is the top criteria that decides the success of PTSC brand.

T : Trustworthy

The trust of investors, clients, partners, and employees creates the strength and competitive advantage for PTSC.

S : Sustainable

After 50 years of building up and development with outstanding capacity and long track record of achievements, PTSC confidently looks towards the field of offshore renewable energy to contribute to greening energy sources, building a sustainable society and community and building strong facilities and resources with multi-service advantage, affirming stable and sustainable growth in the value chain of Vietnam Oil and Gas Group.

C : Creative

Being innovative and creative at all times is a typical feature of PTSC brand. With highly-qualified human resources of international standard, PTSC is always willing to actively engage, develop, and expand new services to conquer domestic and international markets.

Message FROM THE CHAIRMAN



2023 marks the 30th anniversary of PTSC, a long journey of ups and downs, hardships and challenges. Nevertheless, generations of leaders and employees have demonstrated resilience, courage and unwavering determination to overcome difficulties, unite and strive at work to achieve sustainable growth

Dear Shareholders,

The global situation in 2022 was shocking, complex and unprecedented, presenting challenges that were unforeseeable when PTSC set its business goals for the year: the escalation of the Russia-Ukraine conflict, intensifying strategic competition among global powers, soaring inflation around the world, a severe economic downturn, financial and monetary risks, lack of energy and food security, and increasingly unpredictable climate change. All of these have caused significant damage and led to oil price volatility and supply chain crises.

The situation in Vietnam was difficult, with both internal and external challenges. Dramatic changes in oil and raw material prices and transportation costs hit many industries hard. Oil and gas engineering services in Vietnam, especially PTSC's traditional areas, suffered immensely from a decline in the number of projects in its core business. Service prices remained low, while expansion into foreign markets was difficult due to fierce competition, price and cost pressures, customer requirements that posed high risks to contractors, cultural and legal issues, and protectionism in favor of local companies. All of these posed risks to oil and gas companies, including PTSC, and adversely affected their operations.

However, PTSC made great efforts and exceeded its 2022 business targets, achieving consolidated revenue of VND 17,081 billion and consolidated profit before tax of VND 1,174 billion, exceeding its targets by 71% and 92%, respectively, an increase of 16% and 21% from 2021. Services provided to the Vietnam Oil and Gas Group and its subsidiaries accounted for only 19.6% of 2021 revenue, while this had been PTSC's main market in previous years. The success in 2022 highlighted the efforts of PTSC's employees, their solidarity, determination, proactivity and adaptability to win contracts, find opportunities in difficult times and expand into new markets. PTSC implemented a series of effective solutions to boost business development, improve overall capabilities, accelerate the transition to renewable energy, overcome difficulties, reduce costs, fight corruption, and increase productivity. PTSC also ensured employment, benefits and a balance of interests between the state, shareholders and employees, while maintaining stability and growth in its operations.

2023 marks the 30th anniversary of PTSC, a long journey of ups and downs, hardships and challenges. Nevertheless, generations of leaders and employees have demonstrated resilience, courage and unwavering determination to overcome difficulties, unite and strive at work to achieve sustainable growth. In addition, 2023 is also a year of special significance, providing momentum for the implementation of the 2021 - 2025 Five-Year Plan, as the situation in Vietnam and the world is predicted to be even more challenging than in 2022, with a further decline in demand for oil and gas services. However, amidst the challenges, new opportunities are emerging with the rapid global energy transition. PTSC is well positioned to take advantage of these opportunities as a provider of offshore renewable energy goods and services, marking the beginning of a new era of development.

The Board of Directors firmly believes that "the greater the challenge, the greater the opportunity". With the support and guidance from all levels of the company, along with the accumulation and development of PTSC's 30 years of traditional cultural values, employees are becoming more confident and enthusiastic. PTSC is determined to successfully and excellently carry out the production and business plan in 2023 as assigned by the General Shareholders' Meeting and superiors, while fully and harmoniously paying attention to the legitimate rights and interests of shareholders and employees.

On behalf of the Board of Directors of PTSC, I would like to express my sincere gratitude to the Board of Management, executives and employees of PTSC for their efforts, hard work and resilience 30 years journey of PTSC; I would like to convey our most sincere thanks to the government agencies, Shareholders, Corporation, Investors, Clients, Partners who have always accompanied, trusted, cooperated and supported us and I wish you good health, happiness and new successes in 2023 and beyond.

Chairman

Phan Thanh Tung

Corporate Information

OVERVIEW INFORMATION

On February 1993, Vietnam Petroleum Technical Services Corporation (PTSC) was established and became a member of the Vietnam Oil and Gas Group on the basis of merging Petroleum Service Company (PSC) and Geophysical and Petroleum Services Company (GPTS).

Over 30 years of development, PTSC has made marks as the leading provider in oil & gas technical, industrial and energy services in Vietnam and also to be considered as a major brand in the regional market; Particularly for the offshore renewable energy field, PTSC is the pioneer and the only member of the Vietnam Oil and Gas Group that has full legal basis to officially participate as an investor and develop projects into such potential and promising field.

Domestic trading name: Tổng công ty Cổ phần Dịch vụ Kỹ thuật Dầu khí Việt Nam

Foreign trading name: Petrovietnam Technical Services Corporation

Trading name abbreviations: PTSC

Stock Code: PVS

Tax code: 0100150577

Charter Capital: VND 4,780 billion

Consolidated equity: VND 12,948 billion (according to the 2022 audited financial statements)

Address: 5th Floor, Petrovietnam Tower, 1-5 Le Duan Street, Ben Nghe Ward, District 1, HCM City, Vietnam

Tel: (+84).028.39102828

Fax: (+84).028.39102929

Website: ptsc.com.vn

BUSINESS ACTIVITIES

EPCI
for offshore facilities



FSO/FPSO



Installation, Operation
and Maintenance
Offshore Facilities



Port & Supply Base



Offshore
Support Vessels



Seismic, GEO, Survey
and ROV



EPC
for Industrial plants



Renewable energy



Our Network

PTSC Corporation is a member of the Vietnam National Oil and Gas Group providing petroleum, industrial and energy technical services in Vietnam, and is a major brand in the oil and gas service market, industry in the area. Up to now, PTSC Corporation has 06 branches, 01 representative office, 12 subsidiaries and 06 affiliated companies in 03 regions of the country and in Asia.

HO CHI MINH CITY

Petrovietnam Technical Services Corporation (PTSC)

BA RIA - VUNG TAU PROVINCE	SOC TRANG PROVINCE	QUANG NGAI PROVINCE	DA NANG CITY	QUANG BINH PROVINCE	THANH HOA PROVINCE	HAI PHONG CITY	HA NOI	MALAYSIA	SINGAPORE	UAE
PTSC Marine PTSC Supply Base PTSC M&C PTSC G&S Petro Hotel PTSC Phu My PPS PVSB POS PV Shipyard	PTSC Long Phu	PTSC Quang Ngai	PTSC Da Nang	PTSC Quang Binh	PTSC Thanh Hoa	PTSC Dinh Vu	PTSC Ha Noi PV Security	PTSC Labuan VOFT MVOT	SEA AP MV12	PTSC Abu Dhabi

Our Network *(continued)*



BRANCHES/ REPRESENTATIVE OFFICES

01

Branch of PTSC – PTSC Marine

Address: No. 73, Street 30/4, Thang Nhat Ward, Vung Tau City, Ba Ria- Vung Tau Province
 Charter Capital/Investment: Directly under Parent Company
 Core business: Management, operation and supply of service vessels

02

Branch of PTSC - PTSC Supply Base

Address: No. 65A, Street 30/4, Thang Nhat Ward, Vung Tau City, Ba Ria- Vung Tau Province
 Charter Capital/Investment: Directly under Parent Company
 Core business: Management, operation, trading and exploitation of general ports

03

Branch of PTSC - PTSC Da Nang

Address: No. 11, Street 3/2, Hai Chau District, Da Nang City
 Charter Capital/Investment: Directly under Parent Company
 Core business: Management, operation, trading and exploitation of general ports

04

Branch of PTSC - PTSC Quang Binh

Address: Hon La Port, Quang Dong Commune, Quang Trach District , Quang Binh Province
 Charter Capital/Investment: Directly under Parent Company
 Core business: Management, operation, trading and exploitation of general ports

05

Branch of PTSC - PTSC Long Phu

Address: Thanh Duc Hamlet, Long Duc Commune, Long Phu District, Soc Trang Province
 Charter Capital/Investment: Directly under Parent Company
 Core business: Management and performance of engineering, procurement and construction, installation, hook-up and commissioning (EPCIC) of power plant projects and industrial facilities.

06

Representative Office of PTSC in Hanoi (PTSC Ha Noi)

Address: No. 142 Nguyen Khuyen, Van Mieu Ward, Dong Da District, Hanoi Capital
 Charter Capital/Investment: Directly under Parent Company
 Core business: Performing business development, production projects and other tasks assigned by Holding Company

07

Branch of PTSC - PTSC Abu Dhabi

Address: Room No. 1721, 17th floor The Offices World Trade Center, Central Market. Al Markazyia, Abu Dhabi, UAE
 Charter Capital/Investment: Directly under Parent Company
 Core business: Installation and maintenance of equipment at oil and natural gas fields; Operation and maintenance of oil and gas exploitation works; Marine services related to the oil and gas industry; Services for onshore and offshore oil and gas production and fields

Our Network *(continued)*

01

PTSC Mechanical & Construction Limited Company (PTSC M&C)

Address: No. 31, Street 30/4, Thang Nhat Ward, Vung Tau City, Ba Ria-Vung Tau Province (PTSC M&C)

Charter Capital/Investment: VND 628 billion

Holding percentage: 100%

Core business: Fabrication and assembly of oil, gas facilities.

02

PTSC Geos and Subsea Services Company Ltd. (PTSC G&S)

Address: No. 9-11, Hoang Dieu Street, Ward 1, Vung Tau City, Ba Ria-Vung Tau Province

Charter Capital/Investment: VND 300 billion

Holding percentage: 100%

Core business: Operation seismic survey 2D, 3D; geophysical, seismic survey; ROV subsea survey and repair

03

Petro Hotel Company Limited (Petro Hotel)

Address: 14th Floor, No. 9-11, Hoang Dieu Street, Ward 1, Vung Tau City, Ba Ria-Vung Tau Province

Charter Capital/Investment: VND 20 billion

Holding percentage: 100%

Core business: Provision of tourism and accommodation services for oil and gas companies in the country and abroad.

04

PTSC Labuan Company Limited (PTSC Labuan)

Address: Unit 3A-25, U0350, 3rd floor, Lubuan Times Square, 87007 Lubuan FT Malaysia

Charter Capital/Investment: 572,565 USD

Holding percentage: 100%

Core business: Supply of service vessels for oil and gas exploitation activities

05

PTSC Quang Ngai Joint Stock Company (PTSC Quang Ngai)

Address: Lot 4H, Ton Duc Thang Street, Le Hong Phong Ward, Quang Ngai City

Charter Capital/Investment: VND 300 billion

Holding percentage: 100%

Core business: Management, operation and supply of service vessels; Management, operation, trading and exploitation of general port; Fabrication, assembly, repair and maintenance of oil & gas and industrial facilities

06

PTSC Offshore Services Joint Stock Company (POS)

Address: No. 65A, 30/4 Street, Thang Nhat Ward, Vung Tau City, Ba Ria-Vung Tau Province

Charter Capital/Investment: VND 400 billion

Holding percentage: 84,95%

Core business: Transportation, installation, hook-up, commissioning repair and maintenance, relocating and cleaning-up of oil & gas and industrial facilities

SUBSIDIARIES

Our Network *(continued)*



SUBSIDIARIES

07

PTSC Phu My Port Joint Stock Company (PTSC Phu My)

Address: Phu My I Industrial Zone, Tan Thanh District, Ba Ria -Vung Tau Province
 Charter Capital/Investment: VND 350 billion
 Holding percentage: 59,61%
 Core bussiness: Management, operation, trading and exploitation of general port

08

PTSC Thanh Hoa Technical Services Company (PTSC Thanh Hoa)

Address: Nghi Son Commune, Tinh Gia District, Thanh Hoa Province
 Charter Capital/Investment: VND 400 billion
 Holding percentage: 54,69%
 Core bussiness: Management, operation, trading and exploitation of general port; Fabrication, assembly, repair and maintenance of oil & gas and industrial facilities; Technical inspection of occupational safety; Providing diving, surveying and construction services for underwater works; Recycling scrap (Demolition of ships); Construction of waterways (waterways, ports and structures on rivers.)

09

PTSC Production Services Joint Stock Company (PPS)

Address: 16th floor, No. 9-11, Hoang Dieu Street, Ward 1, Vung Tau City, Ba Ria-Vung Tau Province
 Charter Capital/Investment: VND 200 billion
 Holding percentage: 51%
 Core bussiness: Management, exploitation, operation and maintenance of FPSO/FSO; Provision of manpower supply services for oil and gas industry

10

Dinh Vu Petroleum Services Port Joint Stock Company (PTSC Dinh Vu)

Address: Dinh Vu Industrial Zone, Dong Hai II Ward, Hai An District, Hai Phong City
 Charter Capital/Investment: VND 400 billion
 Holding percentage: 51%
 Core bussiness: Management, operation, trading and exploitation of general & container port

11

PetroVietnam Security Service Corporation (PV Security)

Address: G3 floor, B4 Kim Lien Building, Pham Ngoc Thach Street, Dong Da District, Hanoi
 Charter Capital/Investment: VND 30 billion
 Holding percentage: 51%
 Core bussiness: Provision of security services

12

Sao Mai - Ben Dinh Petroleum Investment Joint Stock Company (PVSB)

Address: No. 65A, Street 30/4, Thang Nhat Ward, Vung Tau City, Ba Ria-Vung Tau Province
 Charter Capital/Investment: VND 500 billion
 Holding percentage: 51%
 Core bussiness: Management, operation, trading and exploitation of general port

Our Network *(continued)*

01

Vietnam Offshore Floating Terminal (VOFT)

Address: B01-D-10-1 Level 10, Menara 2, Boutique Office 1 (Pillar 11), KL Eco City, No. 3 Jalan Bangsar, 59200 Kuala Lumpur, Malaysia

Charter Capital/Investment: 14,640,000 USD

Holding percentage: 60%

Core business: Investment and provision of Floating Production Storage Offloading vessels (FPSO)

02

PTSC South East Asia Joint – Venture Company (SEA)

Address: 600 North Bridge Road, #23-01 Parkview Square, Singapore

Charter Capital/Investment: 32,000,000 USD

Holding percentage: 51%

Core business: Investment and provision of Floating Storage Offloading vessels (FSO)

03

PTSC Asia Pacific Join – Venture Company (AP)

Address: 600 North Bridge Road, #23-01 Parkview Square, Singapore

Charter Capital/Investment: 60,000,000 USD

Holding percentage: 51%

Core business: Investment and provision of Floating Storage Offloading vessels (FSO)

04

Malaysia Vietnam Offshore Terminal (MVOT)

Address: B01-D-10-1 Level 10, Menara 2, Boutique Office 1 (Pillar 11), KL Eco City, No. 3 Jalan Bangsar, 59200 Kuala Lumpur, Malaysia

Charter Capital/Investment: 35,222,268 USD

Holding percentage: 49%

Core business: Investment and provision of Floating Storage Offloading vessels (FSO)

05

RongDoi Joint Venture Company (MV12)

Address: No.12, International Business Park, Unit 2-06/7 The Strategy Tower, Singapore

Charter Capital/Investment: 20,000 USD

Holding percentage: 33%

Core business: Investment and provision of Floating Storage Offloading vessels (FSO)

06

Petrovietnam Marine Shipyard Joint Stock Company (PV Shipyard)

Address: 65A2, 30/4 Road, Thang Nhat Ward, Vung Tau City, Ba Ria-Vung Tau Province

Charter Capital/Investment: VND 595 billion

Holding percentage: 28,75%

Core business: Fabrication, repairing, conversion oil and gas exploration, vessels, floating unit



JOINT VENTURES/ AFFILIATES

Key assets

Our Service Vessel



PTSC currently owns and manages a oil and gas service fleet of 21 vessels of varied in capacities and types such as tug boats, anchors and transporters, dynamic positioning vessels (DP), survey diving support vessels, fire-fighting vessels, standby rescue/field support vessels,... The fleet is fully operated by Vietnamese qualified and experienced crew members. PTSC fleet details are as follows:

No.	NAME OF VESSEL	CAPACITY	No.	NAME OF VESSEL	CAPACITY
1	PTSC Sao Vang	6.500 BHP	12	PTSC Ngan nam TLHN - 03 (Utility towing)	4.750 BHP
2	Phong Nha (AHTS DP1)	5.300 BHP	13	PTSC 04 (Utility towing)	2.140 BHP
3	Binh An (AHTS)	8.900 BHP	14	PTSC 05 (Tug)	3.200 BHP
4	PTSC Vung Tau (AHTS DP1)	7.080 BHP	15	PTSC 06 (Tug)	3.200 BHP
5	PTSC Hai Phong (AHTS DP1)	5.220 BHP	16	PTSC 07 (Tug)	1.600 BHP
6	PTSC Thai Binh (AHTS DP2)	8.080 BHP	17	PTSC 08 (Tug)	800 BHP
7	PTSC Thang Long (AHTS DP2)	7.200 BHP	18	PTSC 09 (Tug)	5.000 BHP
8	PTSC Tien Phong (AHTS)	7.080 BHP	19	PTSC 10 (Tug)	2.700 BHP
9	PTSC Sai Gon (AHTS DP2)	5.150 BHP	20	PTSC 11 (Tug)	1.600 BHP
10	PTSC Hai An (AHTS DP1)	5.150 BHP	21	PTSC 12 (Service boat)	1.430 BHP
11	PTSC Ngan nam TLHN - 02 (Utility towing)	3.500 BHP			

» AHTS: Versatile service vessels
 » Utility towing, Tug: Towing vessels
 » DP1: With dynamic positioning system DP1
 » DP2: With dynamic positioning system DP2

FSO/ FPSO/ MOPU/ MOPSU/ FSRU/ FPU...



FSO/FPSO supplying is one of the strategic services that are stable and long-term due to its attachment to oil field operating activities. Currently, PTSC owns/co-owns 06 FSOs/FPSOs supplied for clients operating in domestic and international fields, as followings:

No.	NAME OF FSO/FPSO	CAPACITY (Unit: Barrel)	OPERATING FIELD
1	FSO Orkid	745.000	PM3 CAA
2	FPSO Ruby II	645.000	Hong Ngoc
3	FSO PTSC Bien Dong 01	350.000	Hai Thach & Moc Tinh
4	FPSO PTSC Lam Son	350.000	Thang Long – Dong Do
5	FSO Golden Star	777.695	Sao Vang – Dai Nguyet
6	FSO Rong Doi MV12	300.000	Rong Doi

Key assets *(continued)*

PTSC Ports & Supply Bases



Currently, PTSC is managing, operating and continuing to invest in expanding the system of 08 ports and supply bases in the North - Central - South of Vietnam with a total area of 360ha and over 2,700m of wharf, serving clients operating in oil and gas exploration in Vietnam as well as other economic sectors in the locality.

No.	SUPPLY BASES / PORTS	ADDRESS	SCALE
1	Vung Tau Downstream Port/ PTSC Supply Base	No. 65A, Street 30/4, Thang Nhat Ward, Vung Tau City Vung Tau, Ba Ria - Vung Tau Province	Area: 82.2 ha Number of wharf: 09 Total length of wharf: 750m Capacity: + Vessel: 10,000 DWT + Barge: 10,000 DWT Hydroelectric depth: -6.5m to -9m
2	Hon La Port	Quang Dong Ward, Quang Trach District, Quang Binh Province	Area: 11.02 ha Number of wharf: 01 Length of wharf: 215m Capacity: 10.000 DWT Hydroelectric depth: -9.2m

No.	SUPPLY BASES / PORTS	ADDRESS	SCALE
3	Son Tra Port	Yet Kieu Street, Tho Quang Ward, Son Tra District, Da Nang City	Area: 7.5 ha Number of wharf: 01 Length of wharf: 200m Capacity: 10.000 DWT Hydroelectric depth: -7.5m
4	Dung Quat Port	Binh Son District Quang Ngai Province	Area: 14.5 ha Number of wharf: 02 + Wharf number 1: length 210m, capacity 70,000 DWT, Hydroelectric depth -11m. + Wharf number 3: length 160m, capacity 3,000 DWT, Hydroelectric depth -4.2m. + Wharf for towing and oil and gas vessels: length 70m, capacity 3,000 DWT, Hydroelectric depth -7.0m
5	Phu My service Port	No. 3 Road, Phu My Industrial Zone, Tan Thanh District, Ba Ria - Vung Tau Province	Area: 26.5 ha Number of wharf: 04 + Wharf number 1: length 384.3 m, capacity 80,000 DWT, Hydroelectric depth -14.5m. + Wharf number 2: length 130m, capacity 2,500 DWT, Hydroelectric depth -4.8m + Wharf number 3: length 130m, capacity 1,500 DWT, Hydroelectric depth -2.7m. + Wharf number 4: length 60m, capacity 2,500 DWT, Hydroelectric depth -4.8m.
6	Nghi Son Port	Nghi Son Ward, Tinh Gia District, Thanh Hoa Province	Area: 43.9ha Number of wharf: 02 + Wharf number 1: length 165m, (reduced) capacity 30,000 DWT, Hydroelectric depth -9.5m. + Wharf number 2: length 225m, capacity 70,000 DWT (reduced), Hydroelectric depth -12m.
7	PTSC Dinh Vu Port	Dinh Vu Industrial Zone Dong Hai II Ward, Hai An District, Hai Phong City	Area: 15.28 ha Number of wharf: 01 Length of wharf: 330m Capacity: 20.000 DWT Hydroelectric depth: -8.5m
8	Sao Mai Ben Dinh Port	No. 65A3, 30/4 Road, Thang Nhat Ward, Vung Tau City, Ba Ria - Vung Tau Province	Area: 113 ha

Key assets *(continued)*

Facilities for fabrication and construction of oil and gas projects



Mechanical engineering, construction and installation of offshore projects is one of the important services that makes a major contribution to the revenue and profit of PTSC. In order to implement the projects, PTSC owns oil and gas projects construction site in Vung Tau, Quang Ngai and Thanh Hoa with facilities, ports, warehouses and crane equipment, towing/lifting equipment and other equipment and facilities ... always meet the client's requirements, such as:

- » Major construction site in Vung Tau covers nearly 160 hectares. In addition, PTSC also has fabrication yards in Quang Ngai and Thanh Hoa with area of over 40 hectares.
- » The wharf system in Vung Tau, Quang Ngai and Thanh Hoa is capable of meeting the demands for manufacturing and launching oil and gas components. Particularly in Vung Tau, a wharf system is nearly 1,000 meters long with 03 dedicated skid for construction and launching high end oil and gas components (6,000 tons; 15,000 tons and 25,000 tons) with distribution load on open areas over 50 tons/m².
- » The system of factories, warehouses and construction sites is invested synchronously and modernly: fitting workshop (150,000m²), covered workshop (22,000m²), cleaning/spraying workshop (8,000m²), paint workshop (3,500m²) ...
- » Series of vehicles, machinery and equipment are used for oil and gas project fabrication such as: cranes of 50 tons -550 tons, 1,200 tons, forklifts, welding machines, generators, air compressors and other specialized equipment.

Facilities for transportation, hook up, installation, maintenance and repair of offshore projects



The investment in facilities for transportation, hook up, installation, maintenance and repair of offshore project can meet basic demand of clients with PTSC services, the major facilities are listed as follows:

No.	FACILITIES/ EQUIPMENT	SPECIFICATION
1	Accommodation Barge with 300 occupants PTSC Offshore 01	Non-self propelled barge; length 111.6 m, width 31.7m, depth 7.3m, draught 4.5m, weight of 9,582 tons, and equipped a huge crane with the lifting capacity of 300 tons
2	5000 tons barge PTSC 01	Barge uses for transportation of WHP platforms, jackets, and other components up capacity of 5,000 tons to for offshore constructing, repairing, maintaining and renovation
3	Mechanical and maintenance workshop	Workshop system in Vung Tau, Quang Ngai, Thanh Hoa province with modern facilities and equipment capable of providing service of repair, maintenance high technical equipment such as gas compressors, generators, valves, heat exchangers, technology tanks of oil and gas projects and onshore industrial projects.

Key assets *(continued)*

Facilities for seismic survey service

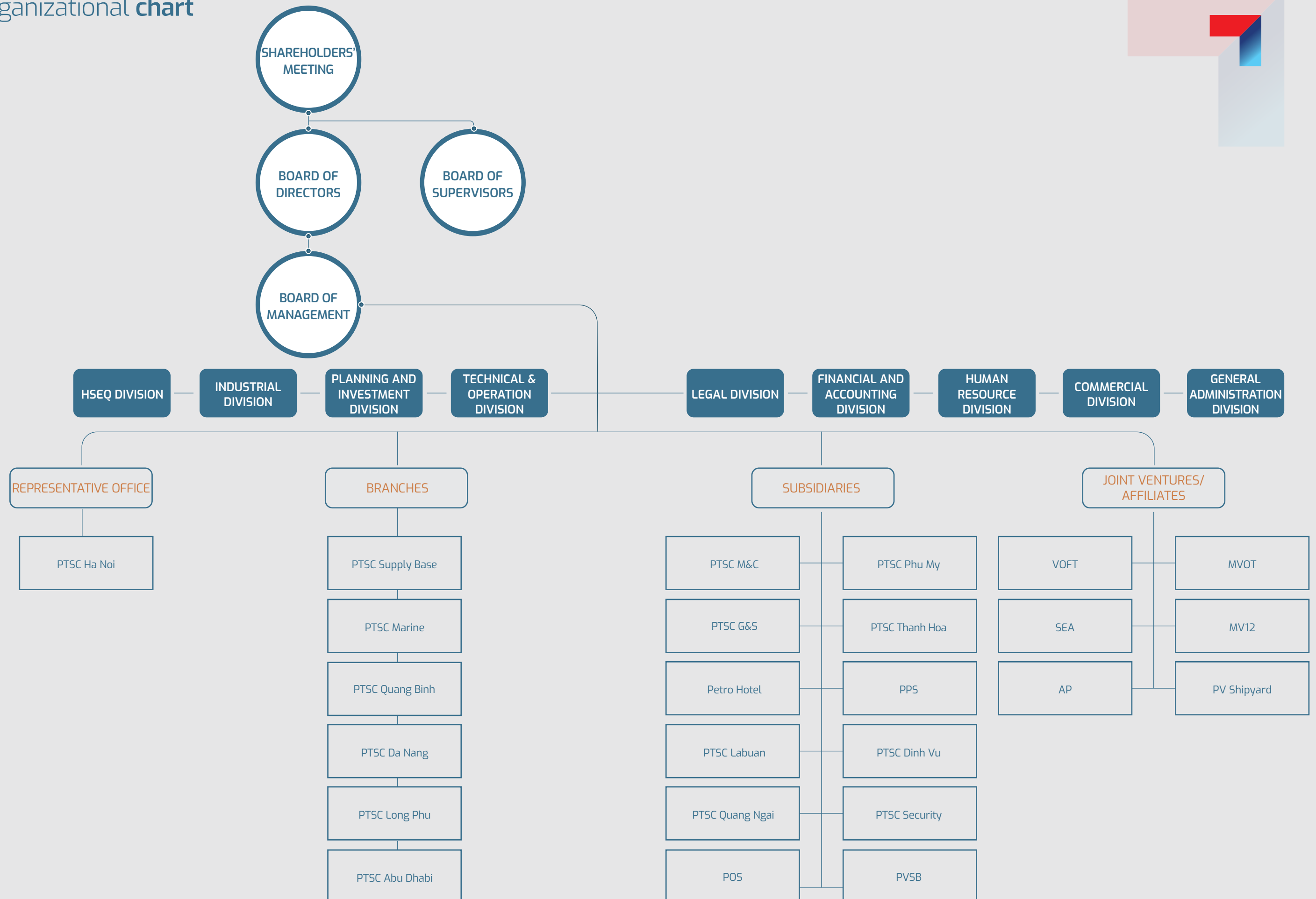


Seismic survey service, geological and geophysical survey service, and subsea services using ROV (Remote Operated Vehicle) are high and complex technology services with supply, management and operation of seismic vessels, 2D, 3D, geological survey: supplying and operating of ROV and other specialized survey vehicles:

No.	FACILITIES/ EQUIPMENT	SPECIFICATION
1	Binh Minh Geological survey vessel	<p>Vessel with DP1, 61.0 m length, 14.95m width, water level 4.8 m, total capacity 1624 GT; Total main machine capacity 2x22753 = 5506 HP certified by VR-LR registry organization.</p> <p>Equipped with a drilling system for geotechnical investigation offshore projects and and a 4-point winch system.</p>
2	Geophysical Survey Vessel - PTSC Researcher	<p>50.3m length, 11.58m width, water level 4.27m, total capacity 798 GT; Total main machine capacity 2x1200 = 2400 HP certified by VR-LR registry organization.</p> <p>Equipped with a system of geophysical survey equipment including Analogue and high resolution seismic survey.</p>

No.	FACILITIES/ EQUIPMENT	SPECIFICATION
3	Survey Vehicles ROV Observation (02 equipment)	<p>ROV Panther Plus 911 and ROV Panther Plus 954 are used for taking surveys and repairing subsea works. The vehicles can go as deep as 2.000m – 3.000 m underwater.</p>
4	Survey Vehicle ROV Work Class	<p>ROV Quasar Compact 007 and ROV II-30 is remoted diving equipment</p> <p>used for taking surveys and repairing subsea works. The vehicle can go as deep as 2.000m – 3.000m underwater. ROV II-30 just completed investment in 2021 with 150HP capacity is currently of the most powerful and modern in Vietnam.</p>

Organizational chart



BOARD OF DIRECTORS



Mr. **Phan Thanh Tung**
Chair man

DOB: 1970 in Hai Phong City, Vietnam
Qualification: Master of Engineering (Professional), Mechanical Engineer, Bachelor of Business Management, Bachelor of English language



Mr. **Le Manh Cuong**
Member, President & CEO

DOB: 1974 in Hai Duong City, Vietnam
Qualification: Navigation Engineer



Mr. **Do Quoc Hoan**
Member

DOB: 1969 in Hai Phong City, Vietnam
Qualification: Master of Economics, Engineer of Maritime Transportation, Engineer of Marine Controlling



Mr. **Nguyen Xuan Ngoc**
Member

DOB: 1976 in Nam Dinh City, Vietnam
Qualification: Mechanical Engineer



Mr. **Tran Ngoc Chuong**
Member
(Appointed on January 04th, 2022)

DOB: 1978 in Nam Dinh Province, Vietnam
Qualification: Bachelor of Human Resource Management



Mr. **Hoang Xuan Quoc**
Independent Member
(Appointed on April 28th, 2022)

DOB: 1957 in Hanoi, Vietnam
Qualification: Doctor of Mechanical Engineering, Bachelor of Economics

Board of Management



Mr. **Le Manh Cuong**
Member, President & CEO

DOB: 1974 in Hai Duong City, Vietnam
Qualification: Navigation Engineer



Mr. **Nguyen Huu Hai**
Vice President

(Retired from October 01st, 2022)

DOB: 1962 in Bac Ninh Province, Vietnam
Qualification: Engineer of Electronics and Telecommunications,
Corporate Governance Engineer



Mr. **Tran Ho Bac**
Vice President

DOB: 1978 in Nam Dinh Province, Vietnam
Qualification: Master of Business Administration,
Corporate Governance Engineer, Mechanical Engineer



Mr. **Tran Hoai Nam**
Vice President

DOB: 1978 in Binh Dinh Province, Vietnam
Qualification: Master of of Business Administration,
electricity and electronics Engineer, Bachelor of **Economics**



Mr. **Nguyen Tran Toan**
Vice President

DOB: 1964 in Hai Phong City, Vietnam
Qualification: Marine Machinery Engineer,
Bachelor of Corporate Governance



Mr. **Ta Duc Tien**
Vice President

DOB: 1968 in Thai Binh Province, Vietnam
Qualification: Marine Machinery Engineer,
Bachelor of Business Administration



Mr. **Nguyen Xuan Cuong**
Vice President

(Re-Appointed on February 18th, 2022)

DOB: 1977 in Ha Noi Capital, Vietnam
Qualification: Bachelor of Corporate Finance



Mr. **Pham Van Hung**
Vice President

(Appointed on October 10th, 2022)

DOB: 1977 in Quang Ngai Province, Vietnam
Qualification: Master of Economic Management

Chief Accountant



Mr. **Nguyen Van Bao**
Chief Accountant

DOB: 1977 in Hai Duong City, Vietnam
Qualification: Bachelor of credit financing

Board of Supervisors



Ms. **Bui Thu Ha**
Chief Of Board Of Supervisors

DOB: 1980 in Thai Nguyen City, Vietnam
Qualification: Bachelor of Accounting,
Bachelor of Business Administration



Mr. **Bui Huu Viet Cuong**
Surveyor

DOB: 1981 in Hai Phong City, Vietnam
Qualification: Master of Operating International Business Administration,
Shipping Engineer Bachelor of Accounting



Mr. **Pham Van Tien**
Surveyor

DOB: 1983 in Thai Binh
Qualification: Master and Bachelor of Economics



30 Years of Establishment & Development

1993

The Foundation of Petroleum Technical Services Company (PTSC) was a merger of 2 companies PSC & GPTS. It is the only government enterprise supplies oil and gas technical services with the initial core business are offshore support vessels; port and supply base and manpower for oil and gas contractors.

1994 - 2005

- » Separate parts of PTSC's core business to form distinctive oil and gas service companies.
- » Developed fleet of offshore support vessels and expanding PTSC Vung Tau Supply base to become modern, multipurpose base.
- » Successfully performed accommodation block LQ-CPC 99 for Vietsovpetro, laying strong foundation for the development of oil and gas mechanical fabrication and construction service.
- » Performed O&M contract for Dinh Co Gas Processing Plant, 370 km 2 phase gas pipeline and Lan Tay Technological Platform which set foundation of O&M services.
- » Signed shareholding agreement of investment in FPSO Ruby Princess by and between PTSC, PVI and PVFC. Setting stepping stones for FSO/FPSO services

2006 - 2010

- » 2006: Successfully privatezed and performed IPO stock to public.
- » 01/01/2007: Officially operated business as joint stock company, a historical turning point of PTSC's development.
- » 09/2/2007: Changed organization structure in to Affiliated - Subsidiary company.
- » 20/9/2017: Official notice of PTSC's stock in HNX with stock code PVS.
- » Founded PTSC G&S; Investing in the first seismic survey vessel - 2D with ROV units, GEO vessel, improved competitive ability in marking high technology services - seismic survey, GEO Survey and Subsea Services
- » Joined with MISC to invest in FSO Orkid and FPSO Ruby, affirming ability in FSO/FPSO field.
- » 2010: Initial public offering to increase charter capital up to 2,978 billion VND via public offering;
- » Successfully played the role of EPC general contractor to perform Bien Dong project with total volume of engineering and manufacturing up to 30.000 ton and worth 1 USD billion, the biggest EPC project in Vietnam that time.

2011 - 2015

- » Performed 51% ownership investment in FSO PTSC Bien Dong 01 and FPSO Lam Son, acquire knowhow to engineer, construct and operate FSO/FPSO. Affirming position in FSO/FPSO regional market.
- » Increased charter capital up to 4,467 billion VND.
- » Winning International competitive bidding and successfully performed projects: HRD Platform for ONGC; Maharaja Lela South (MLS) in Brunei for Total E&P, continued affirmed EPCI capability and market position.
- » Received profit from oversea joint ventures.



30 Years of Establishment & Development *(continued)*

2016 - 2019

- » Increased charter capital to 4,467 billion VND
- » As of December 31st, 2018, the total value of PTSC earned from overseas JV is 105 million USD.
- » Awarded EPC contract and successful implementing onshore oil and gas industry projects: NPK Fertilizer Factory; Ammonia NH3 Production Plant for PVFCCo; Ca Mau Gas Processing Plant for PV Gas; Thi Vai LNG terminal project and EPC project of pipeline collection and gas transportation of Sao Vang - Dai Nguyet field for Vietnam Gas Corporation (PV GAS); Southern Vietnam petrochemical complex project - Package A1 (LSP - A1) for TPSK - joint venture (Italy - Korea).
- » Awarded and implementing projects for clients in other industries: Haiphong terminal project, Expanding Go Dau factory for Top Solvent (Thailand) and Vopak (Holland) Galaxy Expansion - Phase III; Nam Dinh Vu Aviation Fuel Warehouse for Nam Dinh Vu Aviation Fuel Port Joint Stock Company (DV Seaport); Fabrication, installation ISBL technology pipeline and installation equipment - Polypropylene plant for Hyosung Vietnam.
- » Awarded and performed project Gallaf - Al Shaheen for North Oil Company (NOC) in Qatar with a total contract value of more than 300 million USD; Completed building, launching, handing over and operating successfully and safely a fleet of 8 new built vessels for Nghi Son Refinery Plant (NSRP).
- » On October 4th, 2019, successfully installed and handed over IGP owner a Jacket of Sao Vang Central Processing Platform weight 12,500 tons in respect to Sao Vang Dai Nguyet project, confirming PTSC's capacity as EPCIC's general contractor.
- » PTSC reached the finish line ahead of the year plan objective, exceeded all targets and financial plans, stepped through the most challenging period.

2020

- » Completed Sao Vang CPP Project and officially received the first gas on Nov 16th, 2020. This Project was honorably attached with "Party's 13th National Congress Celebration Works" signboard.
- » On Nov 16th, 2020, Golden Star FSO officially received the first condensate, marking a milestone of great importance in Sao Vang - Dai Nguyet Project, together with Sao Vang CPP and intra-field pipeline system also implemented by PTSC as the general contractor.
- » Gallaf Project (Al Shaheen) in Qatar - an EPCI international project awarded to PTSC with high volume and total value of 320 million US dollars - successfully implemented the Design, Procurement, and Manufacturing phase in Vietnam and Transportation, Installation, Commissioning 3 WHP Gallaf Project 1 with over 800 PTSC employees in Qatar during the Covid-19 pandemic outbreak.
- » Despite of countless difficulties and challenges, thanks to considerable efforts and internal strength, PTSC implemented various coordinated solutions to overcome the "double crisis" triggered by oil price slump and Covid-19 pandemic to achieve impressive results and stable growth: consolidated revenues of over 21,313 billion VND, profit before tax of 1,025 billion VND, contribution to State Budget of 909 billion VND.

2021

- » PTSC added business lines: power generation; power transmission and distribution; construction of civil engineering works (construction of industrial works - renewable energy, construction of buildings other than houses) to continue to achieve development opportunity when participating directly from investment to related services supply with advantage of the leading provider in offshore and onshore industrial services in Vietnam.
- » On July 2021, PTSC continued to be awarded the contract by the NOC (the project owner) to implement the Gallaf - Phase 3 project in Qatar with a volume of over 19,000 tons after winning a fierce competition over international contractors all over the world.
- » On September 2021, PTSC was selected by Northland Power Development Services Inc. and Yushan Energy Co., Ltd. for signing an agreement with priority on design, procurement, and development of 02 transformer stations for Hai Long 2 and Hai Long 3 wind power projects offshore Taiwan.
- » PTSC exceeded its production and business targets, ensured safety for its employees at all domestic and international construction sites and projects in the context of complicated developments of Covid-19 pandemic, and generated adequate income for employees.

2022

- » Completing the legal basis and becoming the only corporation in Petrovietnam with investment functions in the field of renewable energy and is coordinating with foreign partners to strongly implement renewable energy projects to serve both domestic and export demand.
- » Participating in international bid to the final round and potentially winning the project of manufacturing offshore wind power stand CHW2204 in Taiwan; approved to the list of offshore wind stand suppliers for Orsted - the world's number one investor in renewable energy. This is an important milestone marking the great change of PTSC, shifting from a single-unit production model to a mass production model, large-scale, high-productivity, opening a new and stable direction, long-term, sustainable for PTSC for many years to come, in line with the trend of energy transition that is taking place strongly globally.
- » Establishment of PTSC Abu Dhabi branch in UAE, expanding the scope of activities; right after its establishment, PTSC mobilized vehicles, equipment, personnel for bidding and providing services for oil and gas projects in the Middle East.
- » In 2022, PTSC has proactively seized opportunities in the energy transition trend to develop new products, expand the provision of services in the field of offshore renewable energy as well as promoted development services to foreign markets such as the Middle East, India, Malaysia, Brunei, Indonesia, Cambodia... The proportion of revenue from providing services abroad in 2022 reached over 40%, a much higher increase compared to previous years which shows PTSC's efforts to shift revenue structure to foreign markets to ensure stable and sustainable development.

OPERATION REPORT 2022

Over the years, PTSC has achieved great success, driven by its ambition and burning desire for a better future. From the pioneering steps to the age of discovering new markets and services, PTSC has always aimed high to achieve its goals and confirm its position as a leading provider of oil & gas technical, industrial and energy services in Vietnam and also to be considered as a major brand in the regional market. PTSC's achievements and contributions to the country's economic development, especially in the oil and gas industry, have earned it proud recognition and awards during its journey of sustainable construction and development.

02

- 46 Key Achievements and Awards from 1993 to 2023
- 48 2022 Spotlights
- 52 Message from the President & CEO
- 56 Board of Management's Report
- 76 Board of Directors' Report
- 84 Board of Supervisors' Report

Achievements over the last year

OUTSTANDING HONORS AND AWARDS



1993-2005

- » » Labor Order, First Class by the State
- » » Labor Order, Second Class by the State
- » » Labor Order, Third Class by the State
- » » Emulation Flag, Outstanding Unit by the State
- » » Emulation Flag, Outstanding Unit in Gas and Oil Industry by Vietnam General Confederation of Labor
- » » Safe Brand for Public Health Award, Golden Class
- » » Vietnam Brands Award



2006-2009

Labour Order, Second Class by the State · Emulation Flag, Outstanding Unit by the State · Emulation Flag, Outstanding Unit by Ministry of Industry and Trade · Sao Vang Dat Viet Award; Outstanding Business Award, Top 10; Popular National Brands Award, Top 10; Vietnamese Outstanding Business Award ; International Quality Award, Golden Class; Vietnam Top Trade Services Award, Top 15; Title of UNESCO Cultural Enterprise; Vietnam Brands Award; Golden Cup of Brands and Trademarks; Title of Vietnamese High-quality Goods ; Title of Prestigious Securities Brand; VNR500 Award, Top 50; Title of Best Stocks in Vietnam, Top 5; Golden Cup of ISO; Golden Cup of Labor Safety; Golden Cup of Community Development; Golden Cup of Sao Vang Phuong Nam; Golden Symbol of "For the cause of Vietnam's Entrepreneurial Culture"; Title of Outstanding Enterprises and Market Members; Title of For the Cause of Education; Vietnam Top Trade Award, Top 10; Title of National Brand.



2010

- » Hero of Labor in the Renovation Period Honor
- » National Brands Award
- » Sao Vang Dat Viet Award, Top 100 brands in Vietnam
- » Popular National Brands, Top 10
- » Outstanding Vietnamese Bussinessperson Award



2011-2017

Emulation Flag and Merit by the State; National Quality, Silver Class awarded by the Prime Minister; National Brand Award; Sao Vang Dat Viet Award, Top 100 Vietnamese Brands; National Brand Award; Sustainable Vietnamese Brands Award, Top 10; Vietnam Brand Award, Top 100; Top 50 Most Effective Companies in Vietnam; Popular Brands in ASEAN; Outstanding Brand Award; Golden Cup of Top 10 Vietnamese Brands who apply science and technology – 2nd time; Corporate Social Responsibility Award; The oil and gas service organization has good production and business results in the context of many difficulties and challenges and is honored to be awarded the Emulation Flag of "Outstanding organization in the production labor emulation movement" by the Vietnam Oil and Gas Group; Title of Best Listed Companies in Vietnam, Top 50; Sao Vang Dat Viet Award, Top 100;



2018-2021

- » Sao Vang Dat Viet Award, Top 100
- » National Brands Award
- » Sustainable Development Enterprise Award, Top 100
- » Profit 500
- » Forbes 50
- » National Brand



2022 SPOTLIGHTS



Vietnam Glory 2022

PTSC was honored at the Vietnam Glory 2022 program organized by the Vietnam General Confederation of Labor. PTSC is honored to be among the 13 collectives and individuals with outstanding achievements in the patriotic emulation movement, construction and defense of the Fatherland who were honored at the Vietnam Glory 2022 Program with the theme "Vietnamese Courage".



National Brand 2022

On November 2, PTSC was honored as Vietnam National Brand 2022, a government-level trade promotion program aimed at developing strong brands for domestic enterprises. This is the eighth consecutive time that PTSC has received this prestigious award since 2008.



Top 10 Listed Companies with Good Corporate Governance 2021-2022

PTSC (stockcode: PVS) was honored on November 18, 2022 as one of the top 10 listed companies with good corporate governance in the annual evaluation of 2021-2022 at the 2022 Annual Business Meeting of the Hanoi Stock Exchange (HNX). This is the third time that PTSC has received this award.



Asian Outstanding Enterprise 2022

On October 7, 2022, PTSC was honored to receive the Asian Outstanding Enterprise 2022 award at the Asia Pacific Enterprise Awards (APEA) 2022 ceremony. This is a prestigious business awards program organized by Enterprise Asia, a leading non-government organization in Asia. The award is designed to recognize outstanding enterprises in the Asia-Pacific region with notable business achievements, sustainable development, and contributions to the community in 2022.



Outstanding Progress Enterprises

On 2 December 2022, 40 outstanding listed companies in terms of transparency were awarded at the Vietnam Listed Company Awards (VLCA) 2022 ceremony. PTSC was awarded the Outstanding Progress Enterprise in the Corporate Governance Report category. The VLCA is an extension of the Vietnam Annual Report Awards organized by HOSE, HNX and Vietnam Investment Review, with the annual and exclusive sponsorship of Dragon Capital Vietfund Management Joint Stock Company.

2022 SPOTLIGHTS

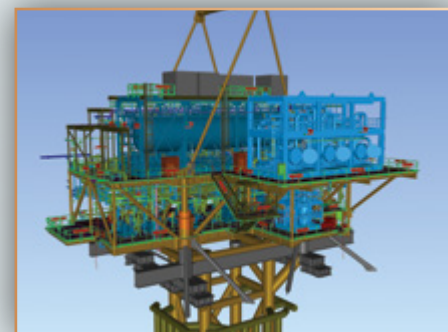
TYPICAL MILESTONES IN 2022



PTSC was awarded the project to manufacture CHW2204 offshore wind turbine support structures in Taiwan. In addition, PTSC has been approved as a supplier of offshore wind turbine support structures to Orsted, the world's leading investor in renewable energy. This is a significant milestone that marks a tremendous shift for PTSC from a single-unit production model to a mass production, large-scale, high-yield model. With this achievement, PTSC has set a new, long-term and sustainable direction for many years to come, in line with the global trend of energy transition.



PTSC was awarded and signed the EPC contract of LPG Thi Vai Terminal Project for PV GAS, confirming PTSC's competence in traditional services of engineering, procurement, installation and commissioning of oil & gas industrial projects.



PTSC M&C, a member organization of the Corporation, participated in an international bidding, won and signed the EPCA contract for the Offshore Substation (OSS) for the Hai Long Offshore Wind Power Project in Taiwan. The organization has also taken steps to promptly implement renewable energy projects similar to offshore oil and gas by optimizing and utilizing existing resources.



PTSC successfully implemented a restructuring process in several organizations and is continuing to implement such a process for the Corporation and the remaining organizations. These efforts have significantly contributed to improving the efficiency of the Corporation's management, production and business activities.



PTSC completed the legal framework to become the only unit in the group authorized to invest in the offshore renewable energy sector. In addition, PTSC has collaborated with foreign partners to actively implement offshore renewable energy projects to meet both domestic and export demand.



PTSC established a subsidiary in the United Arab Emirates, PTSC Abu Dhabi, to expand its operations. Shortly after its establishment, PTSC Abu Dhabi deployed vehicles, equipment and personnel to bid and provide services for oil and gas projects in the Middle East.



PTSC successfully invested in two service vessels, namely PTSC Sai Gon and PTSC Hai An, after a long period of not being able to invest due to various internal and external factors. This investment has significantly contributed to complement and enhance PTSC's capacity in the field of traditional offshore oil & gas service vessels.



PTSC launched the Wharf Phase 3 - Vung Tau Downstream Port Expansion Project after many years of not being able to invest in basic infrastructure projects. When completed, this project will contribute to the completeness, synchronization and optimization of the infrastructure system of PTSC's ports and supply bases in Vung Tau. It will also increase connectivity and leverage the strengths of the ports and supply bases.



FSO PTSC Bien Dong 01, FSO Orkid, FSO Golden Star, FPSO Ruby II, FPSO PTSC Lam Son and LPG FSO Diem Dien, which are managed, operated and maintained by PTSC, have operated safely with a continuous utilization time of over 99%. These FSOs/ FPSOs have contributed significantly to the Company's production and business results.

Message FROM THE PRESIDENT & CEO



"We the leaders believe that with our tradition, competence, experience and ambition to achieve new goals, in addition to our traditional core services, offshore renewable energy will continue to usher in a new era of development for PTSC."

Dear valued shareholders,

By late 2022, PTSC had been listed for more than 15 years on the stock market since its IPO in September 2007. Throughout this journey, PTSC has made significant efforts to prioritize professionalism, transparency, efficiency and ensuring a sustainable dividend stream, paid regularly and on time. As a result, it has consistently been recognized as one of the best listed companies. Despite the changes and ups and downs of the market, PTSC has remained an attractive stock with good liquidity, easily tradable and stable trading volume for many years, growing in line with the market. PTSC has maintained and stabilized its production and business activities and applied numerous service solutions to ensure sustainable revenues, profits and dividends, as well as winning the trust of investors and shareholders.

2022 was another highly productive and successful year for PTSC as it exceeded its targets with consolidated sales of VND 17,081 billion (170.8% of the target) and consolidated profit before tax of VND 1,174 billion (192.4% of the target). Despite being affected by the Covid-19 epidemic for the past three years and facing numerous challenges in winning contracts and expanding markets, the fact that PTSC beat its revenue and profit targets with foreign markets still accounting for more than 40% of revenue demonstrates its tremendous efforts. PTSC's management and employees all worked together to act in the spirit of the 2022 slogan "Change for Chances" with an innovative, proactive, and creative mindset, which lead to impressive achievements.

The encouraging 2022 results are also a momentum for PTSC to enter 2023, which is a milestone as the company celebrates its 30th anniversary and 30 years of PTSC's brand presence in the market. In 2023, PTSC intends to show gratitude and honor to its traditions,

cultural identity, achievements and good values that have been formed throughout its journey. These efforts will serve as a solid foundation for PTSC employees to cultivate the faith, pride, enthusiasm, style, and courage inherited from past generations.

Ladies and gentlemen,

30 years ago, on February 9, 1993, Petroleum Technical Services Company (PTSC) was formed by the merger of (GPTS) and (PSC). Since then, PTSC has seen many development milestones, from a medium-sized state-owned enterprise to a capitalized company and finally to a large listed company. Although PTSC has faced countless challenges, turbulences, ups and downs over the past 30 years, generations of leaders and employees have remained united, committed and dedicated to achieving excellence in production. They have always been ready to face difficulties, open up new avenues and opportunities, overcome challenges together and take PTSC to new heights. PTSC has continuously pioneered, discovered and searched for new solutions, new markets and new types of services to ensure sustainable growth and development.

Over the past 30 years, PTSC has grown steadily and now operates as a parent-subsidary model with 19 member organizations, affiliates, nearly 7,000 employees, and a vast infrastructure system. PTSC has always strived to accumulate resources, invest in expansion, improve capacity, and continuously develop new services, new industries, and create many jobs to generate revenue and profit. PTSC has pioneered and laid the first foundation for ship services, port services, and has continued to expand its scope of activities to survey services, FPSO/FSO, engineering, maintenance, installations and more. PTSC has made significant developments in terms of scale, production and business capacity, product and service quality. Today,

"PTSC" is not only a household name in the domestic oil and gas market, but has also extended its reach to international markets, becoming a well-known and reputable brand in the region. Domestic and foreign customers recognize PTSC as a potential and reliable partner.

Ladies and gentlemen,

Every achievement of PTSC is the result of discovery and creation, while every step of development is a mark of transformation. After each successful journey, PTSC continues to take on new challenges. On its next journey, what steps must it take to become a recognized player on the global energy map?

The offshore renewable energy industry is thriving, with the number of offshore wind projects skyrocketing. Globally, the energy transition and development of green energy has become an inevitable trend. It is predicted that this transition will be so rapid that any country that fails to catch up will be left behind. In Vietnam, the government is paying great attention to the net-zero commitment and the issue of clean energy replacing fossil energy. The potential for offshore wind development in Vietnam, as well as the near-term goals of other countries around the world in this area, will create many opportunities for high-potential companies that own and develop service chains similar to PTSC's. We have a great opportunity to get in the game now, not only by participating in the service supply chain as a contractor using our existing strengths, but also by preparing to take on the role of investor and develop offshore renewable energy projects that serve

both domestic and international markets.

Based on the foundation laid by past and current projects, PTSC is now pursuing a dual objective in the renewable energy sector: first, to become an investor and project developer in the field of renewable energy, and second, to become a professional and reliable service provider for the offshore renewable energy industry. Similar to the oil and gas service chain, PTSC will continue to strengthen its position as an indispensable link in the supply chain, from surveying and design to manufacturing, installation, operation and maintenance of offshore renewable energy projects.

Ladies and gentlemen,

As PTSC transitions from the oil and gas industry to offshore renewable energy, it will need to undergo significant changes. By keeping the slogan "Change for Chances" and adopting a creative, innovative and proactive mindset, in order to meet the demands unique to this industry, PTSC needs strategies and solutions to become a professional player and keep up with the pace of global energy change. Unlike mechanical oil and gas projects, which require only a small number of rigs and drilling components, an offshore renewable energy project can have hundreds of platforms and wind turbine towers, which are relatively large and heavy, like an average oil and gas rig. Increasing capacity and productivity is therefore essential. PTSC must also focus on reducing prices, optimizing the marketing process, quotation, commitment, production, and delivery to customers. At the same time, PTSC needs to focus on scaling up its production,

shifting from small-scale, one-off production to large-scale, mass production, and providing a comprehensive range of products with the most optimal manufacturing and sales methods at the most competitive prices. Solutions to increase investment in machinery, equipment, infrastructure, system modernization, human resource development, process improvement, quality and safety management will also be implemented more aggressively. This new objective also requires the entire management system and the entire workforce to become more active and interactive, and to change their perceptions, attitudes and actions. Each individual and each position within PTSC must renew themselves, "regenerate" new energy to accompany PTSC on its next journey.

Ladies and gentlemen,

As it is turning 30 years old, PTSC is facing great challenges. With the support and assistance of the Government and Vietnam Oil and Gas Group, we are full of optimism, confidence and courage to continue our transformation, ready to change and seize new opportunities.

We the leaders believe that with our tradition, competence, experience and ambition to achieve new goals, in addition to our traditional core services, offshore renewable energy will continue to usher in a new era of development for PTSC.

Ladies and gentlemen,

As we approach PTSC's 30th anniversary, on behalf of the management, I would like to express my gratitude to the generations of

leaders, officers and employees who have contributed to the success of PTSC. Over the years, the company's predecessors, collectives and individuals of PTSC have nurtured and built the company into what it is today.

I also would like to express my gratitude to the Board of Directors of the Group, departments, member units, subordinates, managers, and all PTSC employees, collectives, and individuals who have maintained the enthusiasm, standing side by side, contributing and dedicating themselves to PTSC's journey of sustainable development.

We are also deeply grateful to Vietnam Oil and Gas Group, esteemed shareholders, investors, Securities Commission and State Management Authorities, HNX Stock Exchange, investment funds, financial organizations, customers and partners for your trust, cooperation, care and support.

We are once again committed to upholding the 30-year traditional flame and the spirit of "Comprehensive solutions, driven by trust" motto with all of you.

Sincerely!

President & CEO

LE MANH CUONG

Board of Management's Report



Remuneration and other benefits of BOM:

No.	Full name	Title	Start date	End date	No of months	Salary, remuneration (vnd)	Bonuses for bom & other benefits (vnd)	Total remuneration and other benefits (before tax) - vnd
1	Le Manh Cuong	BOD Member and President & CEO	01/01/2022	31/12/2022	12	1,626,031,000	1,438,675,000	3,064,706,000
2	Nguyen Huu Hai	Vice President	01/01/2022	30/09/2022	9	856,204,000	1,335,441,000	2,191,645,000
3	Nguyen Tran Toan	Vice President	01/01/2022	31/12/2022	12	1,361,975,000	1,314,594,000	2,676,569,000
4	Ta Duc Tien	Vice President	01/01/2022	31/12/2022	12	1,361,975,000	1,299,394,000	2,661,369,000
5	Tran Ho Bac	Vice President	01/01/2022	31/12/2022	12	1,257,206,000	1,377,344,000	2,634,550,000
6	Nguyen Xuan Cuong	Vice President	01/01/2022	31/12/2022	12	1,257,206,000	1,204,285,000	2,461,491,000
7	Tran Hoai Nam	Vice President	01/01/2022	31/12/2022	12	1,257,206,000	68,126,000	1,325,332,000
8	Pham Van Hung	Vice President	04/10/2022	31/12/2022	3	250,069,000	14,000,000	264,069,000

2022 performance overview

THE SITUATION

Since the beginning of 2022, the world's political and macroeconomic situation has experienced many complicated and unpredictable changes. Trade conflicts between economies have disrupted supply chains while raw material prices, fuel prices, input materials and transportation costs have been rising. At home, Vietnam's oil and gas industry has faced many challenges due to the trend for transition to renewable energy, the depletion of oil and gas reserves; the blocks and fields handed over from foreign contractors do not have a mechanism for operations, thus posing challenges to investment in new projects on survey and exploration to increase domestic reserves.

For the oil and gas technical services market, workload in domestic projects related to PTSC's businesses continued to be scarce, some businesses even did not have new projects, service prices remained low and competitions were extremely fierce, adversely affecting PTSC's performance. In addition, expansion into foreign markets was extremely difficult due to fierce competition, pressure on costs, requirements posing high risks to contractors, and protectionism in favor of local businesses. PTSC had to find a new path and new markets to ensure its development.

OVERALL EVALUATION

In such circumstances, with efforts to overcome difficulties, carry out restructuring, find projects and expand markets, PTSC exceeded 2022 targets set at the General Shareholders' Meeting, ensuring consolidated revenues growth and consolidated profits growth compared to 2021. The services provided by PTSC always ensure safety, quality, timeliness and are highly appreciated by clients. PTSC aggressively invested in 2022 after a long period of standstill and made breakthroughs, helping to supplement and improve the facilities to promote production and business activities in the coming stage.



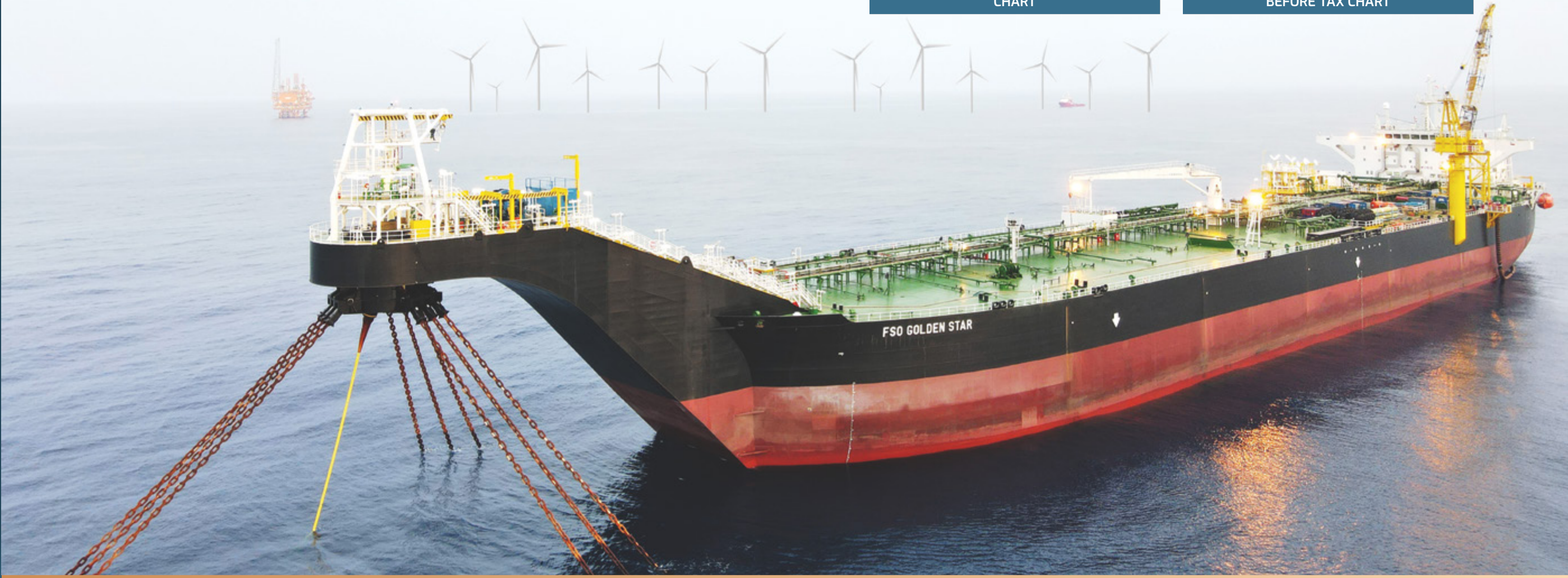
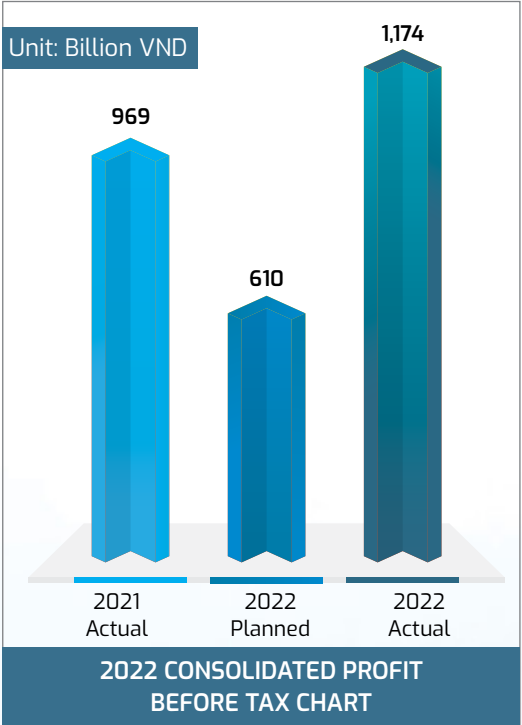
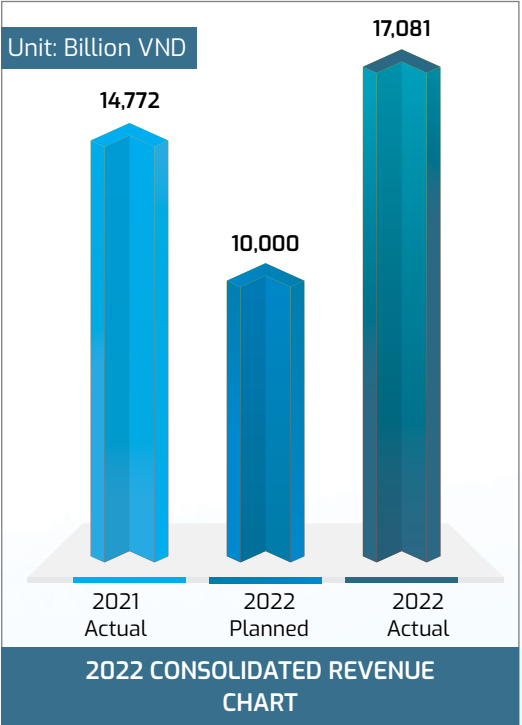
Assessment of revenue and profit criteria

Assessment of revenue performance

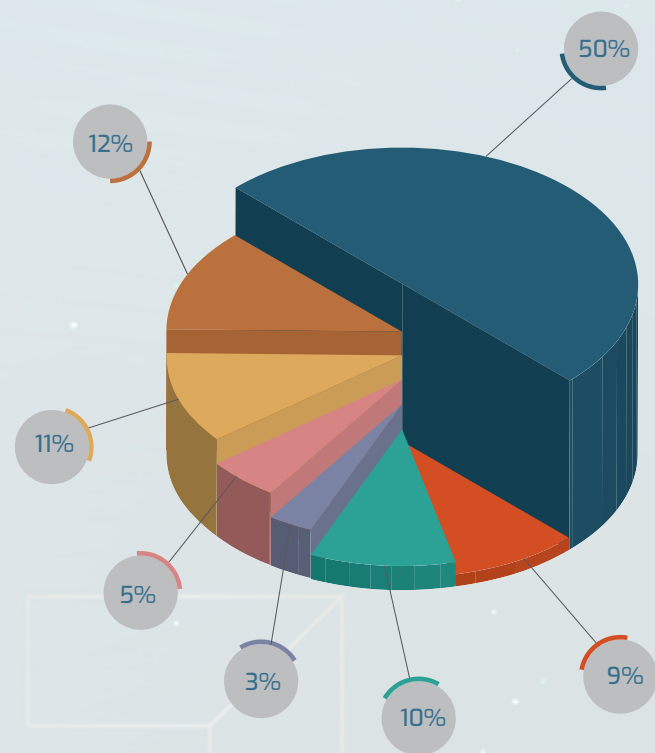
In 2022, PTSC proactively took business opportunities in the energy transition trend to develop new products, expand supply of services in the offshore renewable energy sector as well as promote development of services to foreign markets such as the Middle East, India, Malaysia, Brunei, Indonesia, Cambodia, etc., helping to compensate for the recent continued decrease in traditional workload. 2022 consolidated revenue came in at VND 17,081 billion, or 170.8% of 2022 target, up 15.6% YoY. Services provided at foreign markets accounted for more than 40% of 2022 revenue, a significant decrease from previous years, demonstrating PTSC's efforts to switch to foreign markets to ensure long-term growth.

Assessment of profit performance

Consolidated profit before tax in 2022 was VND 1,174 billion, or 192.4% of the annual target, up 21.1% YoY. Overall, PTSC's gross profit from service areas remained stable as in 2021. The increase in profit is largely due to the FSO/FPSO joint ventures, as in 2021 there were some accounting entries for the regulatory revaluation of assets, which resulted in a decrease in consolidated profit of PTSC in 2021, as well as depreciation expense in 2022. Amid PTSC's efforts to promote development and expansion into new areas and new markets, stable profit ratios highlight PTSC's achievements in restructuring, cost cutting and optimization of production and business performance.



Service **Activities Assessment**



- Offshore Support Vessels: 1,945.92 billion VND
- FSO/FP SO: 2,265.55 billion VND
- EPCI for offshore facilities & EPC for Industrial plants: 9,160.19 billion VND
- Port & Supply Base: 1,616.35 billion VND
- Installation, Operation and Maintenance Offshore Facilities: 1,898.30 billion VND
- Seismic, GEO, Survey and ROV: 510.49 billion VND
- Other services: 835.22 billion VND

2022 contribution revenue chart by individual service



Offshore support vessels

2022 revenue
VND **1,946**
billion

or
181%
of the target

2022 revenue came in at 1,946 billion VND, or 181% of the target, up 8.0% YoY.

In 2022, continued fierce competition from domestic and foreign private vessel providers lead to a decrease in PTSC's market share, especially in terms of workload and service unit prices in at home. However, PTSC has aggressively implemented management measures and promoted restructuring to improve the efficiency of the operating model, made changes and proactively taken business opportunities in the energy transition to develop new services. Accordingly, PTSC has approached and worked with a number of customers in the area of wind power to provide support vessels for the transportation of personnel of nearshore wind power projects in the South, such as PTSC Ben Tre, PTSC Hiep Thanh, PTSC Tra Vinh. PTSC also deployed many vessels to foreign markets such as Cambodia, Malaysia, India, Brunei, and Indonesia, thus helping to compensate for the decrease in revenue from the domestic market.

PTSC effectively provided services for oil spill, security, firefighting, safety and towage for Dung Quat Refinery and Nghi Son Refinery to meet clients' various demands. On November 06, 2022, PTSC celebrated two million safe working hours of the project to provide vessels and maritime services for Nghi Son Petrochemical Refinery, an important event to ensure safety at Nghi Son Refinery and ensure national energy security.



Provision, management and operation of FSO/FPSO



EPCI for offshore facilities & EPC for Industrial plants

2022 revenue
VND **2,266**
billion

or
151%
of the target

2022 revenue came in at VND 2,266 billion, or 151% of the target, down 4.4% YoY.

FSO/FPSO lease service was well provided by PTSC and co-owners, meeting the clients' requirements (FPSO PTSC Lam Son for Block 01/97 & 02/97, FPSO Ruby II Block 01/17 & 02/17, FSO PTSC SCS 1 for Moc Tinh Hai Thach Field, FSO Orkid for PM3-CAA Malaysia, FSO Rong Doi MV12 for Rong Doi - Rong Doi Tay Field, FSO Golden Star for Sao Vang dai Nguyet Field, etc.). In particular, PTSC is in charge of all O&M work on some projects. Vessel's uptime rate reached nearly 100%, higher than required by contracts. Maintaining the provision, management and operation of the floating refrigerated LPG storage vessel Viet Dragon 68 met the client's requirements.

Crew service was well provided to MODEC (FSO Rong Doi MV12), MVOT (FSO Orkid), Cuu Long JOC (FPSO Thai Binh - VN), ensuring safety and efficiency.

2022 revenue
VND **9,160**
billion

or
129%
of the target

2022 revenue came it at VND 9,160 billion, or 129% of the target, up 17.8% YoY. In particular, revenue from offshore facilities was VND 6,365 billion and from industrial plants was VND 2,795 billion.

Offshore facilities: PTSC successfully completed the connection of Dai Nguyệt wellhead platform and received first gas on August 8, 2022. PTSC successfully implemented the Shwe Phase 3, Gallaf Batch 3 EPCI5 (jacket construction started on May 17, 2022), Gallaf Batch 3 EPCI6 (bridge construction started on May 4, 2022, piles on July 21, 2022), Hai Long OSS (topsides construction started on November 2, 2022) and DBN PWM (jacket A construction started on July 6, 2022, modules A and B on August 22, 2022) projects. Meanwhile, work on the Sao Vang - Dai Nguyet project continued. Most importantly, on September 21, 2022, PTSC and developer NOC celebrated 3 million safe working hours at Shwe Phase 3 of Package EPCI 5, Package EPCI 6 and PWM projects. This demonstrates PTSC employees's determination and effort to ensure safety, quality, timeliness and efficiency for the projects.

Industrial plants: PTSC completed the EPC tank package as part of the Southern Petrochemical Complex project, continued safe and effective implementation and ensured the quality and timeliness at LNG Thi Vai project, Southern Petrochemical Complex project: A1 Package, the project for the petroleum pipeline from the Nghi Son Petrochemical Refinery to the Anh Phat depot, Project for expansion of the Vung Ro petroleum depot. In addition, PTSC also made great efforts to bid for and successfully implemented the bidding packages of mechanical engineering for export, other bidding packages of engineering and manufacturing in Vietnam according to demand in Vietnam as well as in the region, demonstrating its capacity and reputation in the manufacture of new products with high technical requirements.



Port &
Supply base



Transportation,
installation,
operation, and
maintenance of
offshore facilities

2022 revenue
1,616
billion

or
108%
of the target

2022 revenue was VND 1,616 billion, or 108% of the target, down 6.9% YoY.

Production and business activities at Vung Tau Downstream Port in 2022 decreased. The number of contractors implementing the drilling plan decreased by 21% from 2021. In order to ensure the efficiency of production and business activities, PTSC has promoted services outside the industry and outside the area to increase revenue and profit to compensate for the decrease.

Production and business activities at general ports of PTSC, including Phu My General Petroleum Service Port, Hon La Port, Wharf 1 of Dung Quat Port, and Nghi Son Port were properly maintained. The operation of Son Tra Port remained low due to the lack of the State investment in access to the port.

2022 revenue
1,898
billion

or
125%
of the target

2022 revenue was VND 1,898 billion, or 125% of the target, down 15.3% YoY. Revenue from this service decreased YoY as the workload in 2022 decreased and there were not many new projects in marine construction and installation.

In 2022, PTSC completed the project to dismantle pipelines in Thailand for Chevron and the fabrication and installation of spools and flowlines at the H1 wellhead platform for HLJOC. PTSC continued to provide contracts for engineering preparation for the Gallaf 3 project; design, procurement and manufacture of the input/output of the heat recovery system for IST.

In addition, PTSC continued to provide safe and effective maintenance contracts, long and short term manpower for oil and gas projects for customers.



Seismic,
geo survey and roV



Offshore
renewable energy

2022 revenue

510
billion

or

111%
of the target

2022 revenue came in at VND 510 billion, or 111% of the target, up 68.8% YoY. The revenue increased sharply YoY as many projects were delayed from 2021 to 2022.

In 2022, PTSC continued to maintain and safely operate PTSC research vessels, Binh Minh vessel and ROV equipment for geological survey activities and submarine repair to meet customer requirements.

On April 1, 2022, PTSC CGGV successfully handed over the Binh Minh 02 vessel and CGG Amadeus to the auction winner, marking an important milestone in the process of the dissolution of PTSC CGGV. PTSC has been actively carrying out the necessary procedures to dissolve PTSC CGGV Joint Venture.

In order to realize the policy of offshore renewable energy development, PTSC has actively visited and worked with many potential partners and customers (including RENOVA, SARENS, Equinor, HDF Energy) and signed Memorandum of Understanding, Cooperation Agreement in investment and development as well as sought financial solutions for offshore renewable energy projects.

In the coming time, PTSC will continue to promote research and investment in renewable energy projects (wind power, solar power, tidal power...) offshore and construction projects in renewable energy suitable to existing capacity and expertise.

Investment activities assessment

Investments made by Parent Company - PTSC

In 2022, the Parent Company - PTSC continued to implement investment projects in accordance with the approved 2022 Plan. The number of major investment projects implemented by the Parent Company was as follows:

- » Completion of investment for 180-ton crane trucks on May 10, 2022, 5,000 BHP DP2 vessel (PTSC Saigon) on August 15, 2022, and 5,000 BHP DP1 vessel (PTSC Hai An) on September 6, 2022;
- » Completed paperwork for investment in and broke ground on Wharf III project at Vung Tau Downstream Port on December 18, 2022;
- » Conducted paperwork for investment in Wharf III project, part of Dung Quat Port, PTSC office building at 266 Le Loi - Vung Tau, the project office at PTSC M&C's 13.8-ha yard and other projects at the Group's port bases;

- » Worked closely with Parent Company to complete the transfer of the port development and oil and gas services investment project in the Nghi Son Economic Zone;

- » Upgraded and expanded IT systems and invest in additional facilities and equipment to meet production and business needs.

The parent company - PTSC disbursed VND 262 billion in 2022, or 53.6% of the target. Despite missing the target, PTSC in 2022 made major investments, with the acceleration of projects and rapid disbursement, representing a significant increase from recent years.

Investments made by subsidiaries - PTSC

In 2022, PTSC subsidiaries invested heavily in projects in infrastructure, equipment and facilities to support production and business activities. In total, these subsidiaries invested more than VND 315 billion. Investments made by subsidiaries of PTSC

Key financial figures

No.	Item	Unit	In 2021	In 2022
1	Liquidity ratios			
	+ Current ratio	Times	1.77	1.78
	+ Quick ratio	Times	1.53	1.67
2	Financial leverage			
	+ Debt-to-asset ratio	Times	0.49	0.50
	+ Debt-to-equity ratio	Times	0.97	0.99
3	Efficiency ratios			
	+ Inventory turnover ratio	Times	6.36	9.92
	+ Revenue/Assets	Times	0.64	0.56
4	Profitability ratios			
	+ Net profit after tax/Revenue	%	4.59%	6.62%
	+ Net profit after tax/Equity	%	5.95%	7.29%
	+ Net profit after tax/Assets	%	3.02%	3.66%
	+ Operating profit margin / Revenue	%	4.61%	6.95%
5	State budget contribution	billion VND	934	616

2023 Business Plan

Consolidated targets for PTSC

TARGET	01	Consolidated revenue	Planned 2023 13,200 billion VND
TARGET	02	Profit before tax	Planned 2023 780 billion VND
TARGET	03	Profit after tax	Planned 2023 560 billion VND
TARGET	04	Taxes and payables to State Budget	Planned 2023 580 billion VND

Targets for parent company - PTSC

TARGET	01	Charter capital	Planned 2023 4,780 billion VND
TARGET	02	Revenue	Planned 2023 5,300 billion VND
TARGET	03	Profit before tax	Planned 2023 610 billion VND
TARGET	04	Profit after tax	Planned 2023 430 billion VND
TARGET	05	Taxes and payables to State Budget	Planned 2023 310 billion VND
TARGET	06	Actual investment	Planned 2023 1,836 billion VND

Assuming that the price of crude oil for export in 2023 is above USD 70 /barrel

Specific objectives

1. Maximize PTSC's strongest resources to develop new products and services to promote value chains based on PTSC's scale and multi-service advantages within the Group's link chains. Promote core services with PTSC's unique competitive advantages to customers outside the industry and abroad. Aggressively participate in bidding, build professional system interconnection solutions, promote trade, and establish joint ventures in line with PTSC's strengths;
2. Strictly manage investments according to the approved plan, focusing on investment in core activities. Thoroughly review and evaluate market and customer needs, closely follow the situation to ensure efficiency and performance to improve competitiveness. Focus on completing projects on time.
3. Focus on PTSC's overall restructuring plan in accordance with the situation to ensure PTSC's sustainable development, eliminate intermediaries, focus on efficiency and right people for the job, create new motivation to develop new products and services at home and abroad;
4. Strengthen training activities to improve the quality of human resources to promptly meet demand for high-level development of oil and gas engineering services in as part of PTSC's development strategy.
5. Strengthening the control and supervision to increase the responsibility of the representatives of PTSC in the subsidiaries, ensuring the effectiveness, sustainability and growth of PTSC's capital in other companies. Accelerate internal control to promote rigorous management practices, reduce service prices by cutting costs, and increase competitiveness. Exercise financial supervision over loss-making subsidiaries and take measures to help them overcome their financial difficulties and resume business operations.
6. Establish a risk management system, maintain and develop the application of quality, safety and environmental management systems throughout PTSC. Promote scientific research and innovation in production. Increase the use of state-of-the-art IT applications in business management.
7. Frequent organization of safe work practices, fire drills, personal protective equipment and work safety, education and raising awareness of occupational safety in accordance with the laws and requirements for production.
8. Strictly comply with COVID-19 regulations issued by the government, the Ministry of Health, central and local authorities and the Group.
9. Conduct digital transformation and make investment in ERP system, ensure the consistency and synchronization of PTSC's digital transformation and ERP.
10. Prepare well to provide services for dismantling oil rigs/pipelines.
11. Promote research and participation in renewable energy investment projects. Work with potential investors to build supply chains for offshore wind projects in Vietnam and the region.
12. Continue the implementation of the social security plan and cost saving practices on an annual basis. Maintain and ensure sustainable development, integrate business activities with national security and sovereignty, and environmental protection.
13. Continue to manage outstanding and overdue debts; balance cash flow; ensure solvency in production and business activities.



2023

Board of Directors' Report



Remuneration and other benefits of BOD

No.	Full name	Title	Start date	End date	No of months	Salary, remuneration (Vnd)	Allowance	Bonuses for bom & other benefits (vnd)	Total remuneration and other benefits (before tax) - vnd
1	Phan Thanh Tung	Chairman of the BOD	01/01/2022	31/12/2022	12	1,636,980,000	-	1,514,155,000	3,151,143,000
2	Le Manh Cuong	Member of the BOD, President & CEO	01/01/2022	31/12/2022	12	1,626,031,000	-	1,438,675,000	3,064,706,000
3	Do Quoc Hoan	Member of the BOD	01/01/2022	31/12/2022	12	1,361,975,000	-	1,259,018,000	2,620,993,000
4	Nguyen Xuan Ngoc	Member of the BOD	01/01/2022	31/12/2022	12	1,257,206,000	-	1,172,285,000	2,429,491,000
5	Tran Ngoc Chuong	Member of the BOD	04/01/2022	31/12/2022	12	1,256,997,000	-	67,416,000	1,324,413,000
6	Hoang Xuan Quoc	Independent Member of the BOD	28/04/2022	31/12/2022	8	-	80,000,000	-	80,000,000

Board of Directors' Report *(continued)*



Assessment of the performance of the Board of Directors

The world situation continued to experience rapid and complicated developments; increased risk factors in degree, scope and nature on a global scale; fierce competition among powerful countries; prolonged conflicts between Ukraine and Russia; increased inflation, interest rates and exchange rates of USD leading to devaluation of other major currencies, deepening economic recession, financial and currency risks; complicated fluctuations in global oil prices due to the Russian-Ukrainian conflict coupled with US and Western sanctions against Russia caused energy prices to escalate, resulting in high inflation; when oil supplies improved, the global economic outlook began to brighten as interest rates raised by central banks of the US, EU countries. The domestic economy continued to face restrictions, uncertainties and difficulties due to high inflationary pressure, sharp fluctuations in input material prices; under the influence of the above factors, the projects had to be delayed, suspended or restricted, thereby affecting the production and business activities of PTSC and its subsidiaries. In the face of such challenges and difficulties, the Board of Directors, in close cooperation with the BOM and the management of PTSC, closely instructed, organized, and developed plans, deployed and implemented business

activities, tasks, solutions and sets of solutions in a flexible manner to cope with the constant changes, to comply with the applicable provisions of the Law, Charter, Internal Regulations on Corporate Governance in the most appropriate manner to overcome the challenges and to contribute to the achievement of the objectives in the Plan as assigned by the General Meeting of Shareholders.

Based on the 2022 Action Plan, the assignments from the General Shareholders' Meeting and the actual results, the Board of Directors evaluated the organization and implementation of its activities in 2022 under the authority and in accordance with the Charter of Corporation, the Enterprise Law and applicable legal regulations, closely followed the resolutions of the General Shareholders' Meeting, duties, programs, plans and activities as set forth, and ensured the prompt handling of the issues under the authority of the management and administration of PTSC's production and business activities.

The Board of Directors successfully held the 2022 Annual General Meeting, regular and extraordinary meetings, meetings for discussion and votes by those on the Board in accordance

with the regulations, the Charter of Corporation and the applicable regulations on corporate governance. The Board of Directors fulfilled its role, with the role of the independent and non-executive members enhanced, thus maximizing the interests of minority shareholders.

The results of the implementation of Resolution No. 188/NQ-PTSC-ĐHĐCĐ of the General Meeting of April 28, 2022 are as follows:

- » Completed the 2022 Financial Plan and exceeded the financial targets in the 2022 Business Plan approved by shareholders;
- » The Board of Directors has signed a contract with PwC Vietnam to have 2022 financial statements audited in accordance with current regulations;
- » Payment of remunerations and operating expenses to BOD members and Supervisors in accordance with the regulations;
- » Publication of the results of the election of the independent members of the Board of Directors, approved at the General Meeting in Resolution No. 188/NQ-PTSC-ĐHĐCĐ dated April 28, 2022 on PTSC's website, through PTSC's half-yearly reports, 2022 reports, and annual corporate governance reports.

Based on the approval of additional lines of business by Resolution No. 359/NQ-PTSC-ĐHĐCĐ of the General Assembly of Shareholders dated December 29, 2021, the Company has completed the registration of lines of business related to offshore renewable energy in accordance with the applicable regulations. Recognizing the great potential and opportunities from the field of renewable energy,

The Corporation (i) sought and promoted cooperation with major investors, contractors and banks in the world in renewable energy, signed important cooperation agreements to study and implement related tasks as a premise to accelerate and realize opportunities of providing services and investments in the coming period; (ii) carried out investment, transformation of equipment, systems, training personnel meeting the production requirements, providing services and construction work for investors in offshore renewable energy projects. Since 2022, the Company has successfully bid on and implemented a number of large-scale projects for customers, in particular, the project to manufacture 33 suction bucket jacket (SBJ) foundations for the offshore wind power project in Taiwan for a European customer who is currently the world's leading developer of offshore wind power.

The decisions of the Board of Directors were made in accordance with the rules and business conditions and provided important guidance to assist the Board of Directors in managing, coordinating and facilitating the activities of the organization and associations.

Activities of the Board of Directors

Operation principles of the Board of Directors:

The Board of Directors operates on the principle of collective leadership through the resolutions, decisions and documents of the Board of Directors. The members of the Board of Directors are personally responsible for the tasks assigned to them and are jointly responsible to the General Assembly and the law for the resolutions and decisions regarding the development of PTSC. The Board of Directors has delegated to the President the responsibility of organizing and implementing the resolutions and decisions of the Board of Directors.

Board of Directors' Report *(continued)*

BOD's agenda and results of meetings

The Board of Directors held 09 regular and other meetings and 56 special meetings for discussions and for taking written votes of the members of the Board of Directors to make resolutions and decisions on matters under the authority of the Board of Directors, namely:

No.	BOD member	Meeting/opinion taking	Participation ratio	Reason
1	Mr. Phan Thanh Tung	65/65	100%	
2	Mr. Lê Manh Cuong	65/65	100%	
3	Mr. Do Quoc Hoan	65/65	100%	
4	Mr. Nguyen Xuan Ngoc	65/65	100%	
5	Mr. Tran Ngoc Chuong	65/65	100%	
6	Mr. Hoang Xuan Quoc	35/65	53,8%	Independent member of the Board of Directors since April 28 th , 2022

The decisions of the Board of Directors were made in accordance with the regulations, the actual business conditions and the strategic development of the Company, and provided important directions that supported the Board of Directors in managing, coordinating and facilitating the activities of the organizations and associations. The BOD issued a total of 217 documents, including 83 resolutions and decisions and 134 other documents for the management of PTSC's business affairs.

Training

The members of the Board of Directors fully participated in the training programs organized by the State Securities Commission, the Parent Company - Vietnam Oil and Gas Group and other relevant agencies in accordance with the prescribed composition. In 2022, the members of the Board of Directors, as representatives of the Parent Company - Vietnam Oil and Gas Group in the Company, participated in the training course "Certification for BOD members - DCP" and the quarterly seminar on "Macroeconomics and Monetary Finance" organized by Vietnam Oil and Gas Group.

Assessment of activities of the BOD members

In 2022, the Board of Directors continued its activities in accordance with the Charter, PTSC's Internal Governance Regulations, Regulation on the Operation of the Board of Directors, ensuring the number of meetings and participating members as required to meet the legality and effectiveness of the meeting on the matters

under the Board's authority and assignment with high responsibility under the principles of independence and prudence for the benefit of shareholders and the development of PTSC.

In addition to their shared responsibility for the Board's activities, the members of the Board of Directors performed their duties well, with the following results:

- » The Chairman completed directing the implementation of the program, plan and key tasks of the year; successfully directed the organization of the Annual General Meeting of Shareholders 2022 session; directed the organization and chaired meetings, discussions, on-site and online working sessions on key issues, projects, important tasks, as well as matters the Board of Directors deemed necessary, for the collection of written opinions, adoption of resolutions, decisions and other documents of the Board of Directors; directing the implementation of the assessment of potential risks and solutions to cope with inflation, strengthening predictive tasks on geopolitical developments, Russia-Ukraine conflict to actively assess the impact on the business and investment activities of the Company, subsidiaries, promptly build and effectively implement solutions, a series of solutions in accordance with the operation of PTSC and subsidiaries; directing and supervising the BOM on the implementation of resolutions and decisions of the GMS and BOD; directing, supporting and promoting the performance of assigned tasks of BOD members.
- » The members of the Board of Directors, who are in charge of the production and business divisions and supervise the subsidiaries, fulfilled the responsibilities related to the management and administration

of PTSC. They implemented business plans, market development solutions, marketing and technology, and made an important contribution to exceeding PTSC's overall business plan in 2021.

- » The full-time members of the Board of Directors have made positive contributions to the process of developing and finalizing the Charter, Internal Rules and Regulations; monitoring and supervising the implementation of and compliance with corporate governance standards; supervising and evaluating the improvement of the management system; transactions and relationships with shareholders, investors and related parties; approving and supervising contracts and transactions with related parties as required.
- » The members of the Board of Directors and the independent members actively discussed and gave their opinions during the decision-making process under their authority, ensuring compliance with applicable regulations; monitoring and supervising the implementation of and compliance with corporate governance standards; supervising and evaluating risk management; approving and supervising contracts and transactions with related parties, related transactions in accordance with regulations.

Assessment of activities of the Board of Management

The Board of Directors highly appreciated and praised the efforts and dedication of the BOM together with the solidarity, determination, dynamism, creativity and sense of responsibility of the President & CEO, the BOM, executives for identifying and preventing risks, proposing flexible, prompt and appropriate solutions, and overcoming the challenges and fluctuations faced by the oil and gas industry, Russia-Ukraine conflict, financial and currency areas to manage the Company as directed by the BOD and achieve the following results:

- » Completed and exceeded the main objectives of the Business Plan 2022 approved by the GMS and the BOD; the revenue from the provision of services abroad in 2022 reached more than 40%, much higher than in previous years, demonstrating PTSC's great efforts to shift the revenue structure to foreign markets. In particular, the efforts to develop new services by signing contracts

in the field of offshore renewable energy, opened opportunities for successful transformation of the company, maintaining stability and moving towards sustainable development.

- » Directed, managed and implemented the decisions of the GMS, BOD properly and drastically, closely monitored market developments, contributing to improving the efficiency of production and business activities; actively developed and proposed plans to cope with existing difficulties faced by the projects and subsidiaries within the authority of the BOD, contributing to minimizing risks and ensuring the rights and interests of PTSC.
- » Assessed potential risks and solutions to cope with inflation, made forecasts based on the geopolitical situation, the Russia-Ukraine conflict to actively assess the impact on the business and investment activities of the Corporation, subsidiaries, promptly built and effectively implemented solutions and sets of solutions in accordance with the operation of PTSC and subsidiaries to optimize costs, ensure flexible, efficient and smooth cash flows for business and investment activities.
- » Effectively and rationally utilize available resources; drastically cut costs to reduce costs while maintaining stable product and service quality, improve competitiveness, maintain market share, and secure long-term benefits for PTSC.
- » Accounting and financial management were in accordance with the standards and transparency required by law; the principle of capital preservation and development was ensured, and bad debts were drastically reduced.
- » Continued to maintain the movement of innovation, upgrading and improvement, improved the management system to enhance the capacity and competitiveness, and effectively applied information technology and science in management and business; implemented the proposed restructuring plan, which confirmed the leading and direct role of the parent company in the business activities of the whole group.
- » Aggressively expanded the market, developed new products and services, expanded and implemented many EPC projects, industrial and non-industrial, expanded participation in operation, exploitation and maintenance, repair of FSO, FPSO, factories, connection of service ports, etc. Promoted risk management in jobs, projects and companies.
- » Spent VND 78 billion on social security activities in 2022.

BOD's action plan 2023

The international situation in 2023 is predicted to continue to experience rapid, complicated and unpredictable developments, especially the impact of the Russia-Ukraine conflict; economic recession and financial risks, currency tightening, high interest rates, increased public debt, energy, food and information security. In Vietnam, advantages and disadvantages were intertwined with the latter remaining dominant due to adverse effects from outside and inside, inflationary pressure, high exchange rates and interest rates, increasing production and business costs and input material prices. The decline of the oil and gas technical services sector, traditionally owned by the Corporation, its subsidiaries continued to have a direct impact on the production and business of PTSC and its subsidiaries.

PTSC expects to face challenges and fierce competition in oil and gas services, projects, at home and in the world; climate change and the reality of energy use in the world created

a global shift; at the COP26 conference, Vietnam also set targets in the energy industry, especially focusing on the development of renewable energy, clean energy, improving energy efficiency and security... In addition, the trend of shifting to alternative clean energy sources such as wind, solar, biomass power, etc. is expected to gradually reduce market share and slow down the production and development projects of traditional energy sources, especially fossil energy. In addition, in the oil and gas service sector currently, many private companies are competing with unique competitive advantages, especially in terms of ownership, legal environment, flexibility in investment decisions and solutions. In addition, the development of offshore services is difficult due to the low volume of work and the stricter protection of domestic companies by local governments. In order to complete the business plan in 2023, the BOD will focus on directing the implementation of the following tasks:

- 01 Continue to innovate and improve the efficiency of corporate governance, and strive with high determination to successfully implement the comprehensive goals and tasks of the 2023 Business Plan, thereby contributing to the achievement of the 2021-2025 Five-Year Plan and laying a solid foundation for PTSC's sustainable development.
- 02 Properly ensure legal/regulatory compliance, including but not limited to updating, archiving, communication, use, training and application. Thus, ensure that all PTSC's tasks and activities properly comply with applicable regulations; coordinate, handle and properly carry out inspections and investigations (if any), audits, supervision and control; properly maintain and resolve economic and civil disputes, complaints, claims and conflicts (if any).
- 03 Properly conduct financial, accounting, payment and collection activities to ensure a sound, stable and healthy financial position, capital and cash flow; effectively utilize capital resources and maintain and increase PTSC's capital base.

- 04 Promote participation in the energy transition to green and clean energy; promote business development, expansion of domestic and foreign markets, non-oil and gas markets, new product development, revenue growth; find more jobs, projects and manage to successfully and efficiently perform work, while ensuring compliance with current regulations, constantly improve the management system, lay a solid foundation for the stability and development of the business; properly implement the cooperation and development of prestige and brand.
- 05 Direct and supervise the implementation of the projects, works and activities that have been and will be carried out to ensure absolute safety, environmental protection, occupational health and quality, progress and efficiency of the projects and works at the highest level; then successfully and effectively achieve the objectives, tasks, programs, plans and activities established and approved in the Business Plan 2023.
- 06 Promote the implementation and use of systems, prepare coordinated solutions, and continuously improve, upgrade, and increase competence and competitiveness.
- 07 Develop, upgrade, expand and complete the risk management system for business activities and corporate risk management.
- 08 Duly comply with applicable regulations on benefits, policies, care, remuneration, reward and discipline for employees, rights and interests of shareholders and owners of PTSC. At the same time, coordinate the activities of associations, socio-political organizations, trade unions, youth unions, veterans association, emulation and promotion of organizational performance.
- 09 Continue to lead, implement digital transformation, apply advanced processes in information technology, science, engineering, technology and management practice to operations, continuously improve and promote initiatives and inventions.
- 10 Aggressively implement the current, medium and long-term restructuring; review, evaluate, adjust and allocate resources, facilities and personnel appropriately and effectively; apply various types of training to continuously improve the quality of human resources.
- 11 Strengthen and good management of investment, ensuring investment efficiency, good implementation of investment-related works in accordance with current regulations.

Board of Supervisors' Report



Remuneration and other benefits of bos

No.	Full name	Title	Start date	End date	No of months	Salary, remuneration (vnd)	Bonuses for bom & other benefits (vnd)	Total remuneration and other benefits (before tax) - vnd
1	Bui Thu Ha	Chief of BOS	01/01/2022	31/12/2022	12	1,080,412,000	1,007,038,450	2,087,450,450
2	Bui Huu Viet Cuong	Surveyor	01/01/2022	31/12/2022	12	897,069,000	844,242,700	1,741,311,700
3	Pham Van Tien	Surveyor	01/01/2022	31/12/2022	12	897,069,000	512,267,700	1,409,336,700

Board of Supervisors' Report (continued)



As the Board of Supervisors (BOS) is tasked with protecting the legitimate interests of shareholders, investors and PTSC, the BOS has closely followed and implemented the inspection and supervision plan approved by the General Meeting of Shareholders in 2022, ensuring progress, ethics and compliance with the law.

Assessment of activities of the Board of Supervisors

In 2022, the BOS conducted inspection and supervision activities with a high sense of responsibility, independence and prudence, in strict compliance with the Law on Enterprises, the Charter of PTSC, and applicable legal regulations and General Meeting resolutions as follows:

- » Performed the duties of inspection and supervision of business management in accordance with the functions and duties prescribed by the Company Law and the PTSC Charter;
- » Monitored the compliance with the laws and PTSC's Charter, the implementation of the regulations, resolutions and decisions from General Meetings and PTSC's Board of Directors;
- » Inspected and supervised the implementation of PTSC's business activities and the effective execution and progress of PTSC's investment, bidding and procurement projects;
- » Reviewed and supervised the preparation of economic and technical standards and cost reduction measures to reduce product costs;
- » Reviewed annual and quarterly financial statements. Evaluated business operating efficiency and debt solvency, capital management and utilization, and preservation and development of shareholders' equity;
- » Supervised capital balance and cash flow management; supervised capital mobilization and utilization, and evaluated PTSC's capital utilization efficiency.
- » Supervised the implementation of PTSC restructure plan;
- » Evaluated the performance of the internal audit system and made proposals and recommendations (if any) to improve the internal audit system's performance;
- » Supervised and evaluated transactions between PTSC, subsidiaries and companies of which PTSC owns 50% or more, with members of the BOD, President & CEO, other executives of PTSC and people related to them; transactions between PTSC and companies whose founders or managers are members of the BOD, President & CEO or other executives of PTSC for the last 03 years from the date of the transaction;
- » Coordinated with the functional agencies of the State, inspection teams, internal auditors of major shareholders and PTSC in the inspection and supervision of the management and business activities in the subsidiaries, supervise the implementation of the recommendations in the minutes of the inspection and audit delegations;
- » Performed other tasks of the BOS as part of the 2022 Action Plan. Reviewed and reported on a quarterly basis on the assessment of compliance with PTSC's Charter, General Meetings resolutions and legal regulations.

The inspection and supervision activities of the BOS have been conducted continuously and systematically in order to promptly grasp the situation and performance of PTSC and its subsidiaries/affiliates, and to help PTSC identify and promptly remedy any deficiencies in the management and administration system and the internal audit system.

PTSC's performance

Management, investment in fixed assets and capital construction

PTSC's investments were implemented in accordance with the applicable state regulations and PTSC's internal regulations. The investment projects on capital construction and procurement of fixed assets were put into use after the handover, management, classification and depreciation of fixed assets in accordance with the regulations of the Ministry of Finance, the operation brought practical economic efficiency through the annual business results of PTSC.

The parent company - PTSC carried out the preparation and implementation of investment procedures for projects in accordance with the approved investment plan. The parent company - PTSC in 2022 disbursed 262 billion VND, or 53.55% of the target. Although it missed the target, the investment presented dramatic growth from previous years, as many projects were accelerated and saw disbursement during the year.

Restructuring, financial management and capital investment in other businesses

As of December 31, 2021, PTSC invested a total of VND4,793 billion, including VND3,187 billion in subsidiaries, VND1,603 billion in joint ventures and associates, and other long-term investments of VND3 billion. The provision for financial investment was VND956.84 billion.

Dividends and profits distributed to the Parent Company - PTSC as recorded in 2022 were VND 922.65 billion, accounting for 19.25% of the investments:

- » Dividends and profits distributed from subsidiaries amounted to VND240.64 billion,

equal to 7.75% of the total investment in subsidiaries;

- » Dividends and profits distributed from joint ventures and associates amounted to VND682.01 billion, or 42.55% of the total investment in joint ventures and associates;

PTSC focused on restructuring loss-making areas and sectors, subsidiaries and affiliates, services with many challenges, and areas outside PTSC's core businesses. The restructuring process in 2022 was conducted as follows:

- » Completed the functions, duties, and organizational structure of the Finance and Accounting Committee.
- » Dissolved PTSC Ca Rong Do Co., Ltd. in accordance with Resolution No.7283/NQ-DKVN dated December 15, 2022.
- » Established PTSC Branch in the Middle East in accordance with the Decision No. 322/QD-PTSC- BOD dated July 19, 2022 and issued the Regulation on the Organization and Operation of PTSC Middle East in accordance with the Decision No. 476/QD- PTSC dated October 11, 2022 by the President & CEO of PTSC.
- » Renamed PTSC Thanh Hoa Port Joint Stock Company to PTSC Thanh Hoa Technical Services Company.
- » Started paperwork to terminate the joint venture and dissolve PTSC CGGV Geophysical Survey Co., Ltd.
- » Continued monitoring the market for divestment from Nhon Trach Petroleum Shipbuilding and Repairing JSC, PetroVietnam Marine Shipyard JSC (PTSC signed the consulting contract with PSI).

2021 dividend payment

As part of the 2022 Annual General Meeting resolution, on September 14, 2022, PTSC issued Resolution No. 418/NQ-PTSC-HDQT on 2021 cash dividend payment. Accordingly, it paid cash dividends worth 8% of charter capital for 2021.

Review of BOD performance

The Board of Directors fully exercised its rights, duties and responsibilities in the management of PTSC and has actively guided, supported and facilitated the BOM, the BOS and the socio-political organizations of PTSC in the performance of their prescribed functions and duties.

In 2022, the BOD held 09 meetings, 56 polls, issued a total of 217 documents, including 83 resolutions/decisions to manage the activities of PTSC. The BOD regularly monitored the implementation of the resolutions and decisions issued, supervised the operations of the subsidiaries through regular reports by the representatives and direct meetings with the subsidiaries.

The reports on the Board of Directors fully and accurately reflected the activities of the Board of Directors in directing, supervising, managing and administering all areas of PTSC's operations as part of General Meeting resolutions, PTSC's Charter of Corporation, Enterprise Law, the Securities Law and other relevant legal documents. In particular:

- » The Board of Directors has performed well in its role of guiding, supervising and supporting the President & CEO and the BOM in the implementation of business plans to achieve business objectives, financial targets and profit distribution according to the resolution of the Annual General Meeting 2022.

- » The figures and financial indicators in the reports of the Board of Directors are accurate and comply with the 2022 Annual General Meeting resolution and the 2022 financial statements audited by PwC (Vietnam) Co., Ltd.
- » Resolutions and decisions of the Board of Directors shall be made properly and in accordance with the law.
- » The members of the Board of Directors appropriately performed their rights and responsibilities in accordance with the regulations / well supervised the assigned areas and operations of the subsidiaries.

Review of the performance of the President & CEO and other executives of PTSC and 2022 Business Performance Report and 2023 Plan

The President & CEO and other executives of PTSC have always worked hard with a high sense of responsibility; Identified, analyzed, promptly and fully evaluated the challenges and difficulties; acutely, flexibly and closely managed all activities of PTSC; actively sought, expanded and maintained markets, developed new areas; organized many action programs, utilized and improved the efficiency of all resources, optimized the business and production process; PTSC achieved business results that beat 2022 targets.

The 2022 Business Performance Report provides a complete and accurate view of PTSC's production and business situation and areas of operation, including: Provision, management

and operation of FSO/EP50; Offshore facilities and industrial plants; Port and supply base; Transportation, installation, operation and maintenance of offshore facilities; Seismic, geosurvey and ROV; Offshore renewable energy and other services. The report also fully points out the strategy, investment, restructuring, training, etc., and set out the specific objectives and tasks of PTSC in 2023.

The figures and targets in the report are accurate, in accordance with the General Meeting resolution No. 188/NQ-DVKT-ĐHĐCD dated April 28, 2022, with 2022 financial statements audited by PwC (Vietnam) Co., Ltd.

Review of financial statements

In 2022, the BOS worked closely with relevant departments to evaluate the financial statements for the fiscal year ended December 31, 2022. Through the evaluation of the financial statements audited by PwC (Vietnam) Co., Ltd, the BOS found that:

- » The 2022 financial statements were audited in accordance with the provisions of the PTSC Charter and the resolution of the GSM in 2022.
- » The 2022 financial statements, which have been fully accepted by the auditors without any objections, give an accurate view, in all key aspects, of the financial position of the Parent Company and the consolidated financial position of PTSC as of December 31, 2022, and of the results of operations and cash flows for the year ended on the

same date, in accordance with Vietnamese Enterprise Accounting Standards and System and Regulations on the Preparation and Presentation of Financial Statements.

- » The BOS approved the audited standalone and consolidated financial statements for the fiscal year ending December 31, 2022.

Review of the coordination between the BOS with the BOD, BOM and Shareholders

The BOS worked with the BOD and the President & CEO on the principle of ensuring the legitimate interests of PTSC and its shareholders in accordance with the PTSC Charter and legal regulations.

The BOS has closely cooperated with the BOD and the President & CEO in the performance of its functions and duties. The BOD and the President & CEO supported the BOS in the fulfillment of its duties; fully provided the BOS with information and materials related to the activities of PTSC; invited the BOS to fully participate in the meetings of the BOD and to evaluate the Business Performance Report 2022 and the Plan 2023, to attend the meetings of the Company and other meetings.

In 2022, the BOS has not received any request, complaint or claim from any individual shareholder or group of shareholders holding 5% or more of the ordinary shares in PTSC.

2023 Action Plan

The action plan in 2023 of the BOS will focus on the following activities:

- 01 Inspect and supervise the implementation of and compliance with the PTSC Charter, the Companies Act and the laws of the country; the implementation of and compliance with the regulations, resolutions, decisions and directives of the GMS and the BOD;
- 02 Inspect/supervise and evaluate the implementation of the 2023 General Meeting resolution; financial situation, capital balance and cash flow management; operational efficiency and debt solvency; capital management and utilization; capital preservation and development; implementation of the quarterly production and business plan; inspection/supervision of the implementation, progress and efficiency of investment projects;
- 03 Examine the rationality, legitimacy, accuracy and prudence of business management; the systematization, uniformity and appropriateness of accounting, statistics and the preparation of financial statements;
- 04 Examine accounting reports, records and other documents of PTSC, the management and operation of PTSC when necessary;
- 05 Perform reviews of annual, quarterly, and half-yearly financial statements;
- 06 Supervise the year-end evaluation of assets at PTSC;
- 07 Review/supervise the implementation of business restructuring and innovation;

- 08 Develop the 2024 BOS Operating Plan for submission to the General Meeting for approval and implementation;
- 09 Coordinate with the relevant state agencies, inspection teams, internal auditors of major shareholders and PTSC in inspecting and supervising the management and business activities at PTSC, supervise the implementation of the recommendations in the minutes of the inspection and audit teams;
- 10 Review, audit and evaluate the effectiveness, compliance with internal audit rules and efficiency of PTSC's internal control, internal audit, risk management and early warning systems; make recommendations and proposals to improve and enhance the operational performance of the internal control system;
- 11 Review contracts and transactions with related people subject to the approval of the Board or the General Meeting and make recommendations regarding contracts and transactions requiring the approval of the Board or the GMS; oversee the companies with respect to the disclosure of information on related people and transactions with related persons.
- 12 Perform other duties of the BOS as required by the GMS and applicable regulations. Monitor the governance of the President & CEO and other executives of PTSC and evaluating the 2022 Business Performance Report and the 2023 Plan.

CORPORATE GOVERNANCE

In addition to business goals, job creation, and market stabilization and maintenance, PTSC always focuses on restructuring the management and administration system, increasing investment, and maximizing PTSC's service value chain. With the philosophy of creative change, PTSC actively seizes the business opportunities in the energy transition to develop new products and services.

A hand in a white shirt sleeve points towards the word 'CHANGE'. The background is a vibrant blue with a bokeh effect of light spots.

CHANGE

03

94 Overview of PTSC's Corporate Governance
100 Risk Management

Overview of PTSC's corporate governance

PTSC'S CORPORATE GOVERNANCE SYSTEM

One of the key factors in PTSC's long-term development strategy during more than 30 years of establishment and development is to focus on building a corporate governance system to maximize internal resources to optimize resources, ensure production and business efficiency, promote brand value, build trust, and maximize benefits for shareholders and investors, thereby contributing to the overall development of society and community. During 16 years of operation under the Parent Company - Subsidiary governance model, PTSC has continuously reviewed and improved its management system based on international management practices and in strict compliance with Vietnamese law, which clearly stipulates the rights and responsibilities of the Parent Company and its subsidiaries, the rights and responsibilities of the BOD and BOM in the Charter, the Regulations on Internal Governance of PTSC and the Regulation on the Operation of the BOD.

Operating mechanism between the Parent Company and Subsidiaries

With the goal of focusing and promoting internal resources to optimize resource activities of the entire Corporation, each subsidiary undertakes

a core service in the chain of services; PTSC has oriented its coordination policy, especially the policy of prioritizing internal services while ensuring the principle of equality among the subsidiaries, highest level of operational efficiency and competitive advantages.

Perfecting the corporate governance system

In recent years, PTSC has not only complied with the corporate governance regulations under Vietnamese law, but also continuously built and applied an advanced management model in the world and the region. In 2022, PTSC has made great efforts to build and perfect the corporate governance system to improve capacity and competitiveness in the technical services, promote the application of information technology, apply digital transformation to the corporate governance system, and approach the best benchmarks in the region, specifically:

- » Completed the preparation, updated and revised the Charter, Internal Governance Rules of PTSC, Operating Principles of the BOD and BOS in accordance with applicable regulations.

- » Updated and applied software systems for management: Human Resource Management System (HRM); Financial Accounting Management; Work Information Management; Inventories and Assets Management.
- » Radically implemented corporate restructuring as part of PetroVietnam's plan to drive growth, focusing on key business areas, improving efficiency and competitiveness, and sustainable development in accordance with the development strategy approved by PetroVietnam. Promoted coordination between PTSC and its subsidiaries and among the subsidiaries; utilized/optimized resources in accessing new markets and services.
- » Stabilized the PTSC's operations, improved the existing rules and regulations to adapt them to the actual situations and standardized them in accordance with the international standards in various areas of management, decentralized the organization of production, business and investment management on the principles of ensuring the promotion of proactivity and creativity in the subsidiaries, and ensured the ability to manage and utilize resources to perform the strategic tasks of PTSC.
- » Perfected and improved the organization of internal inspection and control as an

important tool in the management and administration of the Parent Company - Subsidiary model of PTSC.

- » Strengthened, perfected and disseminated PTSC's culture of "Unity, Dynamism, Creativity and Professionalism" to each position and employee, motivating them to maximize their potential.
- » Developed a method of managing, administering, and organizing production and business at the grassroots level that is appropriate to each type of service, increased the initiative of managers at all levels, and links benefits to individual responsibility and work performance.
- » Maintained, improved and effectively applied quality management systems in accordance with international standards to production and business activities in order to maximize the impact of these management systems on the production and business performance of PTSC and its subsidiaries.
- » Reviewed and established a comprehensive system of economic and technical standards throughout PTSC, improved work processes to reduce management costs, and streamlined the management team to be compact and responsive to work requirements.

Overview of PTSC's corporate governance *(continued)*

Board structure

The Board of Directors consists of 06 members, of which 04 are full-time members, 01 member is President & CEO, and 01 independent member.

Information about members of the Board of Directors, the number of shares PVS currently each member holds is as follows:



No.	List of members of the BOD	Title	Number of members of BOD titles held by each member at other companies	Number of shares with voting rights and other securities issued by the Company	Ratio of shares represented for the Parent Company - PVN	Note
1	Phan Thanh Tung	Chairman (from May 25, 2018)	0	48,551 (0.0102%)	26.38%	Full-time
2	Le Manh Cuong	Member/President & CEO (from May 25, 2018)	0	55,424 (0.0116%)	15.00%	Concurrent
3	Do Quoc Hoan	Member (from November 08 th , 2016)	0	5,377 (0.0011%)	0	Full-time
4	Nguyen Xuan Ngoc	Member (from May 25 th , 2018)	0	0	10.00%	Full-time
5	Tran Ngoc Chuong	Member (from January 04 th , 2018 to January 04, 2022)	0	0	0	Full-time
6	Hoang Xuan Quoc	Independent member (from April 28 th , 2022)	Energy Manager at Vina Capital	0	0	Independent member



Human resources in 2022

Identify human resources as a core factor for business success. Understanding that personnel of great creativity and quality help the organization stand firm in the face of fierce competition, PTSC has regularly standardized its operations and management activities, built the capacity and human resource development to meet international standards.

As of December 31st, 2022,
PTSC had a total of

6,935
employees

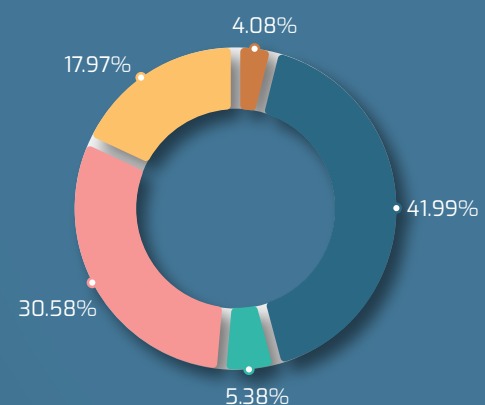
Human resources development

In 2022, the world economy faced many challenges and uncertainties. In the domestic market, Vietnam's oil and gas industry experienced many difficulties and was shrinking due to the trend of shifting to renewable energy. In order to prepare human resources for the new transition period, PTSC focused on organizing training for key personnel, sales, trading and project departments; provided training with high level of expertise for leaders and managers. Training topics included: Corporate Governance under Best Practices; Leadership in a Constantly Changing World;

Energy Shift; Renewable Energy; Welding Engineers Certified by the International Institute of Welding; Digital Transformation; Update of New Laws/Oil and Gas Regulations; Lessons Learned in Project Implementation. In addition, PTSC regularly provided specialized training and development courses to improve professional and operational knowledge, work skills for support staff; project participants were provided with training on safety, environment, health and quality. The total budget spent by PTSC on training in 2022 was VND 27 billion, and 12,700 participants were trained.

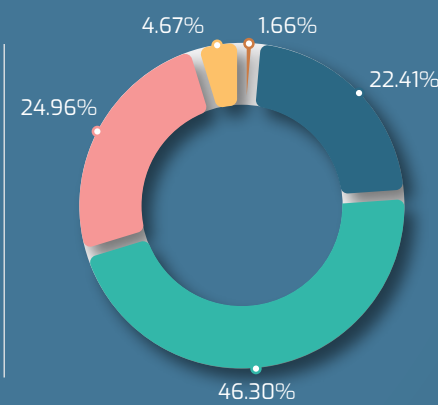
Human resources demographics

By education level



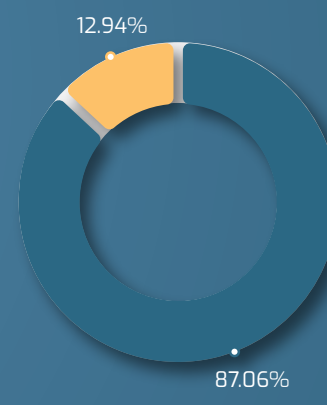
- Postgraduate
- University
- College
- Technical workers and intermediate
- Blue collar workers

By age



- Under 25
- Age 25-35
- Age 35-45
- Age 45-55
- Over 55

By gender



- Male
- Female



Risk management



The situation in the world and the country has many complicated developments that have a profound impact on the implementation of the development goals of the oil and gas industry in general and PTSC in particular. The importance of risk management becomes clearer as the world's and Vietnam's economy are seriously affected by the COVID-19 pandemic and the Russia-Ukraine conflict. Therefore, PTSC has built, implemented and systematized risk management throughout its history of development towards international practices and standards under ISO 31000:2018 as follows:

- » **Market risk**
- » **Policy risk**
- » **Safety, quality and environment risks**
- » **Credit, interest and exchange rate risks**

MARKET RISK

Identification of risks

Oil prices: In 2022, the global oil price fluctuated dramatically, rising to USD130/barrel in the first half of the year and falling below USD80/ barrel in the second half. This is due to supply disruptions as a result of Western sanctions on oil and gas imports from Russia following the Russia-Ukraine conflict in February 2022, as well as delayed transition by European energy suppliers. The constant fluctuations of oil prices increases risks and directly affected the production and business activities of oil and gas companies, both domestically and abroad.

Demands: In 2022, supply and demand and the global oil and gas market were expected to recover as the pandemic was gradually under control and the global economy recovered. However, contrary to the forecast, Vietnam's oil and gas market continued to face difficulties as natural and crude oil imports and exports decreased in volume and value compared to 2021, and domestic demand for gasoline decreased due to the surging prices. In 2022, the significant decline in global oil demand due to the weak recovery in the global economy, especially in China, coupled with persistent inflation, led to a decline in production. In addition, the shift to electric bicycles also reduced the demand for gasoline.

Market shares: Due to the impact of the Covid-19 pandemic, the price of oil fluctuated in unpredictably. As a result, investors, oil and gas exploration and processing companies around the world faced difficulties as a number of drilling and investment campaigns in oil and gas exploration and production projects had to be halted and delayed. In addition, the demand for oil and gas technical services decreased, while competition among suppliers were growing, which directly affected PTSC's production and business activities.

Competitors: As demand is low, competition is becoming increasingly fierce. At present, there are many competitors in the oil and gas service sector with their own advantages, especially flexibility in investment. Therefore, PTSC faced many difficulties in bidding for projects, works at home and abroad.

Human resources: In recent years, oil and gas has become less attractive to high-skilled workers. Employees turned to more attractive fields such as computer technology, AI, renewable energy, etc. In addition, amidst fierce competition, PTSC suffered a huge brain drain, as its high skilled employees and professionals were leaving for competitors at home and abroad. All these factors had a strong impact on PTSC's production and operation.

Management measures

Synchronize the implementation of formulated solutions, focus on optimizing resources, promote services along the value chain based on economies of scale and multi-service business, and emphasize core services.

- » Continuously innovate and improve to increase capabilities and competitiveness, as well as consider and develop new services and clients; conduct research and investment and execute onshore projects to complement business activities in addition to ongoing offshore projects;
- » Maintain the corporate culture throughout PTSC;
- » Improve corporate governance by applying advanced management principles and practices from around the world.
- » Innovate recruitment, training and employment processes and align employee interests with PTSC's growth.

Risk management *(continued)*



POLICY RISK

Identification of risks

An important change in the oil and gas industry policy in 2022 is the adoption of amendments to the Petroleum Law. The amendments will take effect from July 1, 2023, and are expected to create an institutional motivation to further promote the development of the oil and gas industry. The law complements the regulations on the functions, rights, obligations, and focal roles of Petro Vietnam, ministries, departments, and State management agencies through strengthening decentralization. In addition, the law also amends, supplements and completes the procedures for approval of the implementation of oil and gas activities, oil and gas projects, accounting, auditing, final settlements and handling of costs in oil and gas activities, allowing third parties to access the existing infrastructure of the oil and gas industry and the obligations to share oil and gas works, available infrastructure.

Regarding the investment incentive policy, the Petroleum Law of 2022 supplements and completes the regulations on oil and gas contracts in a way that is flexible and favorable to investors, allowing the application of special incentives to oil blocks and fields through oil and gas contracts in order to attract investment. However, for oil and gas services, the principle of preferential use of oil

and gas services is no longer applicable as in the Petroleum Law of 1993. This change will certainly become a new challenge for oil and gas service companies under the pressure of fierce competition from foreign "players" entering the market.

Vietnam currently does not have specific and clear regulations that can create technical barriers to promote and increase the competitiveness of domestic service providers. In addition, the legal framework for offshore investment in the oil and gas sector remains inadequate and sometimes becomes an obstacle to orders and procedures, resulting in limited opportunities and less competitive advantage due to the failure to timely meet the schedule and requirements of bid packages and projects. Some projects are still behind schedule due to complicated paperwork leading to delayed approval/confirmation of settlement, resulting in large overdue debts, causing difficulties in operation, giving rise to legal issues, lawsuits, provisions. If the policy remains unspecific on prioritizing domestic oil and gas services without necessary protective "barriers" for domestic products, the foreign contractors are at an advantage to participate in the provision of oil and gas services in Vietnam.

In 2022, in order to implement the strategy of developing offshore renewable energy, PTSC

promoted activities to move deeper into this market with the aim of becoming a developer/investor in the projects. PTSC is now well-positioned to move quickly into this sector and is able to carry out almost all activities related to offshore renewable energy. However, in terms of policy and law, Vietnam's renewable energy development strategy remains unregulated, lacking a proper development mechanism and adequate legal framework for this sector. Incentive policies for domestic investors in project development have not received proper attention.

Management measures

In its production and business activities, PTSC has always ensured compliance with the law, guidelines and policies of the State in general, and the regulations, directions and development strategies of the oil and gas industry in particular. PTSC promptly notify changes in legal policies to ensure adaptation, compliance and prevention of legal risks. In addition, PTSC prepares appropriate plans to save time and administrative costs and become more proactive, increase efficiency in management, administration, and business and market development. On a quarterly basis, PTSC and its subsidiaries jointly reviewed, updated and reported their compliance with regulations on production and business activities in all major projects and bid packages.

PTSC has also focused on reviewing, updating and improving the system of internal management documents to ensure compliance with legal regulations, creating a solid legal basis for management and administration. Up to now, this system has been built relatively fully, uniformly, closely and with high efficiency. Apart from the Charter and regulations, in 2022, PTSC has updated, amended and supplemented many internal regulations, such as Regulations on official letters, Regulations on document and materials management, Regulations on procurement, Regulations on monetary capital management, Regulations on digital signatures, Regulations on administrative norms, etc.

In addition, PTSC has also firmly strengthened the mechanism of decentralization, authorization, assignment of tasks, continued providing training in legal aspects, also paid special attention to participating in the formulation of laws, actively contributed opinions on legal documents related to its production and business activities, including opinions about the Petroleum Law, the draft Decree guiding the Petroleum Law, draft of the Decree governing outbound investment in oil and gas activities, etc.

In 2023, PTSC will keep improving the system of internal regulations, restructuring its functional divisions, completing the mechanisms for decentralization, authorization, and assignment. Besides, PTSC continues educating and disseminating legal regulations in different manners, participating in the formulation of legal policies, actively contributing opinions on legal documents, and making proposals on policies to facilitate PTSC in growing business more favorably at home and abroad and in non-oil sectors, submitting proposals to competent authorities regarding special mechanism for oil and gas services.

For the offshore renewable energy sector, PTSC will propose to relevant authorities in promptly issuing detailed plans as well as amendment and supplement of certain applicable legal documents in order to create favorable legal corridor and environment for companies like PTSC develop projects in line with the guidelines and policies of the State. PTSC will also continue to propose stable and long-term policies to the Government to encourage and support the development of renewable energy, attract investment for projects, and create a sustainable development foundation for the renewable energy market in Vietnam; as well as provide encouragement and incentives to Vietnamese enterprises in exporting services, construction works, products and goods abroad in the offshore renewable energy sector.

Risk management *(continued)*



HEALTH, SAFETY, QUALITY AND ENVIRONMENT RISKS

Identification of risks

Due to its diversified service model from upstream to downstream activities, from offshore to onshore operations, PTSC is constantly exposed to the risks of post Covid-19 health, occupational and maritime accidents to workers, fire and explosion incidents, environmental incidents, natural disasters, storms and floods, etc. and especially the prolonged Covid-19 pandemic outbreak in 2020-2022 which has been protracted and complicated, intensifying the risks of damage to human life, health, production interruption, loss of property and environment.

Risk management measures

The risk management is integrated into management activities to improve growth and optimize performance based on risk management. Currently, a structural risk management system is under construction to help PTSC be capable of responding to extraordinary changes and improving its anticipation ability about market fluctuations as well as taking quick actions in emergency situations such as natural disasters, epidemics. PTSC's ongoing risk management system is based on the consideration and identification of risks related to PTSC's op-

erations, the classification and prioritization of risks according to their impact and probability, and the incorporation of risk mitigation plans in order to ensure that prevention and response measures are effectively implemented.

To achieve its strategic objectives, PTSC is investing in facilities, equipment, human resources, management system, technological innovation, digitization and digital transformation in a balanced approach aimed at enhancing the competitiveness of its main scopes of operation and in accordance with current applicable regulations. PTSC is also pursuing and willing to improve its capabilities in design, processing, manufacturing, installation, operation and maintenance for offshore renewable energy projects.

With this risk management system, PTSC will ensure its flexibility and adaptability to unexpected changes and maintain an appropriate risk level to take advantage of investment and growth opportunities. Risk management measures are periodically monitored and evaluated to ensure validity, efficiency and meet legal requirements, achieve business and production objectives and meet the expectations of Shareholders and stakeholders.

CREDIT RISK

Identification of risk

Credit risk occurs when a client or partner fail to perform their contractual or debt payment obligations, leading to financial losses to PTSC.

PTSC has mobilized capital in domestic and foreign currencies from domestic and foreign credit institutions to meet its investment needs and production and business activities, so there is interest rate risk.

PTSC's customers come from various geographical areas and most of them involve foreign elements, so the revenue in foreign currency accounts for a significant proportion and, in addition, PTSC also has loans in foreign currencies and, therefore, is always exposed to exchange rate risk that should be properly managed.

Risk management measures

The domestic economy in 2022 witnessed many increasing difficulties, challenges, inflation pressures affected by the impacts abroad; markets for corporate bonds, securities, and real estate faced difficulties in liquidity, cash flow, potential risks; the gasoline and raw material price fluctuated sharply, which severely affected the oil and gas industry. Identifying these difficulties and challenges, PTSC has worked out the following management measures:

» Regarding credit risk, before participating in a bidding package or implementing any contract, PTSC evaluates the financial

position and operation of its customers and partners to ensure the feasibility of contract performance and develop an appropriate credit policy. Periodically, PTSC performs debt reconciliation, assessment of credit history and send letters of confirmation and notices to remind the customers and partners of debt payment; for those with high credit risk, PTSC will require payment guarantee from a reputable credit institution.

» Regarding interest rate risk, PTSC has mobilized capital from domestic and international capital markets in both domestic and foreign currencies to diversify its capital sources and avoid sudden impacts from one market. In addition, to minimize risks from interest rate fluctuations, PTSC has performed derivative transactions to fix interest rates and maintain a reasonable level of fixed and floating interest rate loans.

» The exchange rate risk is managed by the policy to minimize exchange rate risks, whereby revenues and expenditures involving foreign currency are balanced by matching the contracts signed with clients to the amount payable to suppliers. In addition, PTSC always maintains a minimum balance in foreign currencies equivalent to its debt obligations in foreign currencies to avoid risks of exchange rate and foreign currency liquidity.

SUSTAINABLE DEVELOPMENT REPORT

PTSC will celebrate its 30th anniversary in 2023. At the age of 30, PTSC steps into its new energy transformation campaign, a so-called new service sector, with full of confidence and bravery. We strongly believe that, with tradition, capacity, experience and aspiration to conquer new objectives, the offshore renewable energy will open a new era of development for PTSC in addition to its traditional services.

Wonderful

04

- 108 Overview of Sustainable Development
- 114 Sustainable Development Goals (SDG) Progress Report 2022



Overview of sustainable development

MESSAGE OF SUSTAINABLE DEVELOPMENT

For a country aimed at sustainable development goal, it can be said that replacing fossil fuels with Greener - Cleaner fuels is inevitable. With an increasing demand for electricity, Vietnam is also gradually considering the investment in renewable energy, including wind power as the "key" to solving the energy security issue, thereby contributing to the realization of the green development strategy of the nation. With 30 years of experience in the field of offshore energy - oil and gas, PTSC has been wisely expanded its business areas and officially participated in the field of renewable energy, especially offshore renewable energy, in the role as project investor - developer.

In addition to developing production and business, improving working efficiency, PTSC also focuses on researches on taking environmental protection, minimizing the impact of production and business on the environment, promoting the application of environmentally friendly technical innovation, thereby successfully realizing social and environmental goals, ensuring the harmony of stakeholders' interests towards the goal of sustainable growth.

DEVELOPMENT OBJECTIVE

- » **Long term:** Taking advantage of unique competitive advantage to grow PTSC into an internationally recognized trusted brand with focus on high-quality oil and gas services as its core and at the same time, extending business coverage to new industries and oversea markets in accordance with the capacity and PTSC's own strengths, including offshore renewable energy.
- » **Medium and short term:** Maintaining and stabilizing business activities while developing full services oil and gas technical solutions/service chain. Taking advantage of tough but recovering oil and gas industry along with utilizing PTSC's healthy financial capability to increase investment, fortify inner strength and be prepared for upcoming industry's tailwinds.

SUSTAINABLE DEVELOPMENT GOALS

PTSC clearly defines 03 goals that play a fundamental role for sustainable development, specifically as follows:

ECONOMY

- » Make the most of resources - Maximize economic efficiency

SOCIETY

- » Human resource development
- » Salary, bonus and welfare policy
- » Contribute to community development

ENVIRONMENT

- » Safely operate, follow up and improve the quality of the Quality Environmental Health Safety Management System in accordance with international standards.
- » Ensure compliance with environmental protection standards, strictly control and manage waste and raw materials.

Overview of sustainable development *(continued)*

DEFINING STAKEHOLDERS

PTSC defines its stakeholders with long-term relationships based on the overall aspect of activities and relationships built on trust, co-operation, transparency, corporate culture and ethical standards in the spirit of shared benefits for all parties. In order to identify issues of interest by the parties, PTSC evaluates and considers the relevance in each current activity. PTSC's key stakeholders include:

- » Government and State Management Agencies
- » Employees
- » Shareholders and investors
- » Clients
- » Partners
- » Press and media
- » Community, local authorities

RELATED STAKEHOLDER'S PARTICIPATION IN PTSC'S ACTIVITIES

	EXPECTATIONS	SATISFYING EXPECTATIONS	PTSC'S ACTIVITIES IN 2022
Government and State Management Agencies	Complying with the law, applying and implementing the guidelines, policies and regulations of the State	<ul style="list-style-type: none"> » Fully fulfilling the obligations and implementing the guidelines and policies of the State; complying with the law. » Reviewing legal issues; complying with and obtaining safety and environmental permits, ensuring safe and efficient business operations. 	<ul style="list-style-type: none"> » Complying with the policies and regulations of the host countries and the laws of Vietnam » Contributing to drafts on policies, circulars, decrees and Petroleum Law » Building and improving the PTSC's Cultural Code » Fully fulfilling statutory tax obligations
Employees	<ul style="list-style-type: none"> » Ensuring jobs, growth in income and good benefits and remuneration policies. » Recognizing, fairly evaluating employees' contributions and achievements. » Professional training to improve competence. » Working environment and conditions to comply with HSE regulations. 	<ul style="list-style-type: none"> » Competitive salary policy based on competence and work performance; income, remuneration and benefits commensurate with dedication and contributions. » Regulations on work performance assessment to evaluate the employees. » Training and developing human resources, and successor workforce. » Ensuring a good working environment; fully implementing the health and safety program for employees. 	<ul style="list-style-type: none"> » Continuously improving and applying the Regulations on work performance assessment to pay salaries commensurate with competence, work performance, dedication and contribution. » Paying special attention to on-the-job training; implementing practical and highly effective human resource development training programs; promoting intensive trainings to meet global standard requirements. » Providing regular health check for employees and new arisen cases. » Protecting labor health, preventing occupational diseases and ensuring employee safety. » Keeping negative environmental impacts in control and protecting the environment and community nearby.
Shareholders and investors	<ul style="list-style-type: none"> » Ensuring production and business efficiency. » Ensuring public, transparent and timely disclosure of information. » Continuously improving corporate governance capacity. » Providing equal treatment and ensuring shareholders' interests. 	<ul style="list-style-type: none"> » Good business performance result. » Disclosure of information. » Improvement of management capability and brand name value. » Guaranteeing to pay dividends, ensuring benefits of investors 	<ul style="list-style-type: none"> » Exceeding the targets and the business plan in 2022 approved by the General Meeting of Shareholders. » Using the information disclosure system through IDS, CIMS, PTSC website, updating and providing the most complete information on PTSC's activities. » PTSC has invested in and applied information technology in accordance with the best regional standards to build up and complete the corporate governance system to improve its competitiveness. » Fulfilling the commitment of dividend payment.

Overview of sustainable development (continued)

EXPECTATIONS	SATISFYING EXPECTATIONS	PTSC'S ACTIVITIES IN 2022
Clients <ul style="list-style-type: none"> » Ensuring safe operations, service quality, reasonable prices. » Reliable and advanced technology, operational capacity. » Professional team. 	<ul style="list-style-type: none"> » Investing in Health, Safety and Environmental Quality Management System in accordance with international standards. » Quality service, competitive price. » Implementing projects/services safely and timely. » Maintaining and increasing customers' trust. » Good customer service. 	<ul style="list-style-type: none"> » Synchronously applying Health, Safety, and Environmental Quality Management System of PTSC certified in accordance with international standards by BSI. » Promoting development of design and technical capacity to enhance the grey matter value and added value in products and services at competitive prices. » Carrying out and organizing production plans and solutions to provide services and ensuring safety, quality, and progress. » Developing true competence, taking advantage of PTSC's strengths of brand name, resources, management system, experience.
Partners <ul style="list-style-type: none"> » Transparency of corporate governance system and enterprise financial management system. » Operational performance and professionalism. » Cooperation for development. 	<ul style="list-style-type: none"> » Partner and supplier evaluation and selection process is strict, transparent, fair, and compliant with the law. » Contracts are fulfilled, checked, and controlled in accordance with law and regulations. » Payment is guaranteed. 	<ul style="list-style-type: none"> » Completing the corporate governance system. » Continuously updating, improving, and implementing the process of purchasing goods, evaluating and selecting suppliers to ensure compliance with the law. » Updating, improving, and implementing partner evaluation process. Legal and commercial departments check signed contracts to ensure the compliance with the law. » Closely cooperating, saving input costs. » Successful cooperation relationship for mutual benefits.
Press and media <ul style="list-style-type: none"> » Ensuring accurate and timely provision of information. » Cooperating in the development of communication and brand promotion. 	<ul style="list-style-type: none"> » Approaching PTSC's information promptly and conveniently. » Collaborating with media agencies. 	<ul style="list-style-type: none"> » Periodic information of business performance results of PTSC is always reviewed and posted publicly, transparently and on schedule. » Signing media cooperation with the mainstream media agencies. » Cooperating with media agencies to support organizing charitable programs, social security, environmental protection.
Community, local authorities <ul style="list-style-type: none"> » Carrying out corporate responsibilities to the community and society. 	<ul style="list-style-type: none"> » Committed to supporting and contributing to local community. 	<ul style="list-style-type: none"> » Contributing to the development of education, health and training with a total support worth 20.2 billion VND.

Sustainable development goals (SDG) progress report 2022



ECONOMY

In 2022, the world's political and macroeconomic situation witnessed many complicated and unpredictable fluctuations. In the domestic market share, Vietnam's oil and gas industry encountered many challenges. The oil and gas engineering service market, workloads and projects related to PTSC's domestic activities continued to be tight. Faced with such difficulties and challenges, PTSC had to find new directions, new markets to ensure its ongoing sustainable development.

PTSC recorded the consolidated revenue of VND 17,081 billion, accounting for 170.8% of the 2022's plan, up by 15.6% year on year; the 2022's result is VND 1,174 billion, reaching 192.4% of the 2022's plan, up by 21.1% year on year; the revenue ratio of overseas service provision in 2022 reached over 40%. This clearly demonstrates PTSC's efforts to find new directions, new services under the tight workloads and projects in the oil and gas engineering services market.

SOCIETY

Jobs

In Vietnam, PTSC currently has 17 subsidiaries and affiliates from North to South (excluding Joint Ventures, Subsidiaries, Branches overseas) and 6,935 employees. In 2022, the world's political and macroeconomic situation was characterized by many complicated and unpredictable fluctuations, trade conflicts between economies disrupted supply chains, raw material and input fuel prices and transportation costs kept escalating. In the domestic market, the Oil and Gas industry faced many challenges resulting from the trend of energy transition and renewable energy; declining natural output of oil and gas fields; lack of operating mechanism for mines/fields claimed from foreign contractors, which led to difficulties and low progress in investing in new exploration and production projects and in increasing domestic reserves. However, under the close guidance of BOD, the Executive Board, with the solidarity and efforts of the employees drastically implemented the proposed solutions. As a result, PTSC still secured and maintained the employment, salary, income and other benefits for employees so that

they could work and contribute diligently to the exceeded fulfillment of the 2022 production and business plan objectives.

The average income in 2022 of PTSC employees was VND 26,335,000 /person/month, equal to 113% of average income of employees in 2021.

Benefit policies

Employees are entitled to allowances on the Anniversary Day of PTSC, public holidays, Lunar New Year, Woman's Day of March 8th and October 20th; events; uniforms; PTSC organized in-shift meals for employees, complying with regulations on food safety and hygiene to help employees work with peace of mind; Employees' children may join sport and cultural festivals on occasion of Lunar New Year, public holidays, etc.

Training policy

In 2022, PTSC spent about VND 27 billion on training of 12,700 participants. PTSC focused on organizing training programs for leaders, managers, in-depth professional training, renewable energy training, specifically: organizing the Global Leadership Training Program; promptly launching training courses for welding experts according to European standards in the field of offshore renewable energy; promoting internal training, seminars to draw out and present lessons learned from project implementation; providing skills training for candidates participating in the 7th Petroleum Skills Competition... In addition, PTSC also offered intensive training programs, regular refreshing courses to update professional operation knowledge, working skills for support staff; the project teams were provided with training on safety, environment, health and quality.

Relationship between employees and employer

The view that business development must go hand in hand with working condition improvement, life quality improvement, right and benefit assurance for employee is both a target and motivation of sustainable development. Besides offering multiple solutions to strengthen the management and enhance business efficiency, PTSC has built professional working environment and harmonious relations between employees and employer. In addition to signing the Collective Labor Agreement, harmonious democratic regulations between the employee representatives and the employer, PTSC has established the relationship between leaders and employees through the following activities:

Employees may directly contribute to preparing

Internal Labor Rules, Collective Labor Agreement, Democratic Regulation, Dialogue Regulation, Reward and Discipline Policies, Salary Regulation by giving their opinions to PTSC's Labor Union. Implementing Democratic Regulation at grassroots level, improving negotiation quality and signing the Collective Labor Agreement have been coordinated and performed effectively by PTSC's Labor Union.

Periodic dialogue at workplace are held on quarterly and annual basis during employee conference in order to promptly notify employees of difficult or favorable situation in all PTSC's activities as well as to directly answer their inquiries. Employees' questions, opinions have always been answered publicly, reasonably and implemented in a positive way. In 2022, PTSC had no dispute between employees and employer.

Social security

In addition to focusing on improving and enhancing welfare benefits for its employees, PTSC also effectively carried out social security activities, especially for people suffering from serious diseases, economic difficulties and for poor localities in lack of investment in education and health infrastructure. PTSC wanted to send the message of "No one Left Behind," to spread love to everyone in every region, and to fulfill its responsibility to the social community. In 2022, PTSC implemented the Social Security program with a total budget of VND 20.2 billion in many localities and regions across the country with details as follows:

- » Building charity houses and houses of great solidarity for the poor: VND 5,070 billion, accounting for 25% of the total Social Security Program budget.
- » Building educational facilities - Schools: VND 8.25 billion, accounting for 41% of the total Social Security Program budget.
- » Sponsoring health care - hospitals: VND 2,531 billion, accounting for 13% of the total Social Security Program budget.
- » Sponsoring Gratitude Programs, beneficiaries of social welfare, revolutionary contributor, and poor households: VND 3,719 billion, accounting for 18% of the total Social Security Program budget.
- » Sponsoring disaster recovery and humanitarian relief programs: VND 0.662 billion, accounting for 3% of the total Social Security Program budget.

Sustainable development goals (SDG)

progress report 2022 (continued)

ENVIRONMENT

Energy, water, electricity, raw materials

Specialized in oil and gas engineering services, PTSC uses the following main raw materials and energy sources: iron and steel, materials and fuel gas/industrial gas (LPG, oxygen, acetylene...) for mechanical production, electrical energy, fuels (DO oil, gasoline), and water for domestic purposes.

Specific actions

Program to manage, save energy, materials, water

In order to optimize and save materials and energy as well as control and minimize environmental impacts, PTSC applies the above-mentioned Quality Safety Environmental Health Management System to ensure full implementation of management and technical measures for control, as follows:

- » Preparing and issuing technical norms system on consumption of fuel, lubricants, maintenance supplies, etc. to ensure economical and efficient use;
- » Procuring, upgrading and improving production machines and equipment with power and fuel saving technology; shifting to green energy, clean fuel (natural gas, electricity...); investing step by step in the increasing use of renewable energy (rooftop solar) for production.
- » Regularly and continuously conducting propaganda and advocacy programs to encourage employees to adopt healthy lifestyles - sustainable consumption: reducing plastic products; using environmentally friendly regular consumables; saving electricity, water and paper; planting trees, creating green environment around the production area.

PTSC continuously implemented the thrift practice and anti-waste programs in general and raw materials, fuel and energy saving programs with practical solutions closely associated with production and business, achieving the following results in 2022:

- » Raw materials saved: VND 31.474 billion (up by 10% year-on-year);
- » Fuel and energy saved: VND 2.693 billion (up by 13% year-on-year).

Handling noise, vibration and emission

- » PTSC has invested in, maintained and strictly operated waste treatment works and regularly measured environmental indicators at frequency from 2 to 4 times a year to ensure compliance with environmental protection standards.
- » PTSC made complete investment from the beginning, strictly operated waste treatment plants (waste water, exhaust gas) and carried out measurement control of output indicators periodically (2-4 times/year) to ensure compliance with environmental protection standards.
- » Classification of domestic, industrial and hazardous waste was well managed and controlled to optimize recyclable waste and reduce treatment costs.
- » The regular greenhouse gas inventory has been initiated for measurement and monitoring purposes, and for seeking opportunities to implement greenhouse gas reduction programs in production.
- » For the production activities of the oil and gas service vessel fleet, the application of the Energy Efficiency Management System was inspected by a third party issuing the Certificate of Conformity (according to IMO regulations), which is also one of the current effective applicable solutions to reduce greenhouse gas emissions.
- » In addition, the oil and gas service vessel fleet using the Energy Efficiency Management System were periodically inspected by a third party issuing the Certificate of Conformity according to IMO regulations, which is also one of the measures to reduce emissions and protect the environment.

OCCUPATIONAL HEALTH SAFETY

PTSC has been applying and continuously improving the integrated Quality Environmental Health Safety Management System according to international standards, including: ISO9001:2015 - Quality Management System; ISO14001:2015 - Environmental Management System; ISO45001:2018 - Occupational Health and Safety Management System in order to achieve the objectives with core values in all of production activities of PTSC:

- » Ensuring compliance with legal requirements, meeting customers and stakeholders requirements in terms of product and service quality, health, safety and environment;
- » Protecting labor health, preventing occupational diseases and ensuring employee safety;
- » Controlling negative impacts on the environment and protecting the surrounding public environment;
- » Minimizing risks, preventing accidents and incidents to protect employee safety, preventing environmental pollution and protecting the integrity of assets.

In additions, PTSC has also applied other standards and management systems to meet pro-

duction and business requirements, including: International Safety Management Code (ISM Code) for the safe management and operation of ships and for pollution prevention, International Ship and Port Facility Security Code (ISPS Code); ISO/IEC 17025:2017 - General Requirements for the competence of testing and calibration laboratories; ASME "U" & "S"; API-2B; ISO 3834-2; EN 1090-1&2...

In 2022, PTSC achieved some typical results and achievements in environmental health and safety as follows:

- » No labor accident causing lost time injury (LTI) for employees;
- » No environmental incidents and no administrative penalties for environmental violation;
- » No incidents of serious property damage;
- » PTSC recorded 16 million safe working hours (no labor accident causing LTI);
- » PTSC carried out projects that marked the milestone of safe working hours and were praised by customers, especially: Southern Petrochemical Complex Project - Package A1 reached 10 million safe working hours; NOC's projects reached 03 million safe working hours; Nghi Son service fleet used for Nghi Son Refinery and Petrochemical LLC reached 02 million safe working hours.



OUR STOCK - PVS



05

- 120 Overview
- 121 Investors
- 124 Shareholder Relations
- 128 PVS Stock Review
- 132 Dividend History

Our Stock - PVS



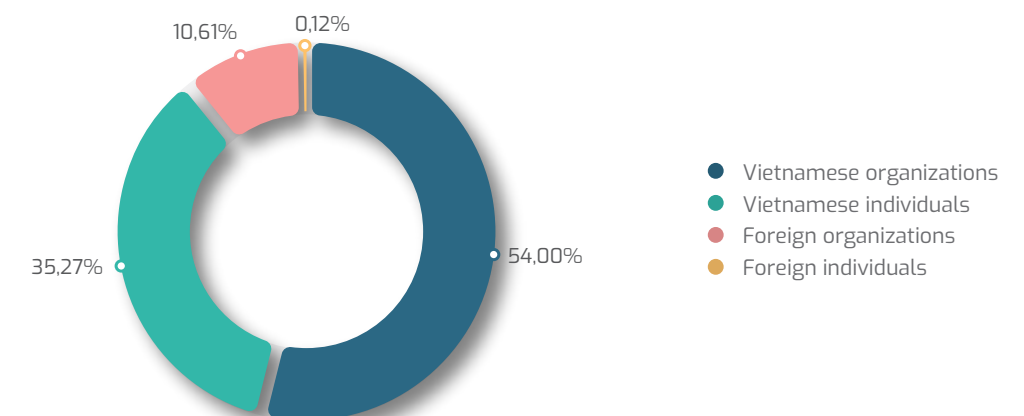
Current shares volume (Share)	477,966,290
Listed shares volume (Share)	477,966,290
Treasury shares (Share)	0
Market capitalization (billion VND)	12,044.75
Room of foreign investors (%)	38,34
Basic EPS (thousand VND)	1,51
P/E	16,73
Book value per share (thousand VND)	25,48
Highest stock price in 2020 (thousand VND)	35,99
Lowest stock price in 2020 (thousand VND)	18,00

(Historical data as of March 17th, 2023)



SHAREHOLDER STRUCTURE

Updated according to the list of shareholders at the last registration date September 28th, 2022 (the latest last registration date)



LIST OF MAJOR SHAREHOLDERS (HOLDING MORE THAN 5%)

The amount of shares is based on the List of ordinary shareholders exercising the right to attend 2022 Extraordinary shareholders' meeting, the last registration date of November 30th, 2022

No.	Name	Number Of Shares (Share)	Holding Percentage (%)	Domestic/ Foreign	Individual/ Group	Notes
1	Vietnam Oil and Gas Group	245,565,000	51,38%	Domestic	Organization	
2	- CTBC Vietnam Equity Fund; - DC Developing Markets Strategies Public Limited Company; - KB Vietnam Focus Balanced Fund; - Norges Bank; - Samsung Vietnam Securities Master Investment Trust (Equity)	29,377,500	6,1464%	x	x	The group of foreign shareholders concerned by Ms. Truong Ngoc Phuong is the authorized representative to disclose information

Our Stock - PVS (continued)

TRANSACTION OF INTERNAL SHAREHOLDERS IN THIS PERIOD

The number of shares is listed on the basis of the most recent General List of Securities Owners and transaction reports received from Insiders by the end of December 31st, 2022.

STT	Họ tên	Chức vụ	Holding share at the end of the period (2022)	Percentage holding at the end of the period (2022)	Transaction in 2022		Reason
					Sell (share)	Buy (share)	
1	PHAN THANH TUNG	Chairman of the BOD	48,551	0.0102%	0	0	
2	LE MANH CUONG	Member of the BOD, President & CEO	55,424	0.0116%	0	0	
3	NGUYEN XUAN NGOC	Member of the BOD	-	0.0000%	0	0	
4	ĐO QUOC HOAN	Member of the BOD	5,377	0.0011%	0	6,050	Sell
5	TRAN NGOC CHUONG	Member of the BOD	-	0.0000%	0	0	
6	HOANG XUAN QUOC	Independent member of the BOD	-	0.0000%	0	0	
7	BUI THU HA	Chief of the BOS	-	0.0000%	0	0	
8	BUI HUU VIET CUONG	Suveyor	1,667	0.0000%	0	0	
9	PHAM VAN TIEN	Suveyor	-	0.0000%	0	0	
10	TA DUC TIEN	Vice President of the BOM	1,637	0.0003%	0	0	
11	NGUYEN TRAN TOAN	Vice President of the BOM	3,794	0.0008%	0	0	
12	NGUYEN XUAN CUONG	Vice President of the BOM	5,019	0.0011%	0	0	
13	TRAN HO BAC	Vice President of the BOM	2,149	0.0004%	0	0	
14	TRAN HOAI NAM	Vice President of the BOM	01	0.0000%	0	0	
15	PHAM VAN HUNG	Vice President of the BOM	5,803	0.0012%	0	0	
16	NGUYEN VAN BAO	Vice President of the BOM	79	0.0000%	0	0	
17	NGUYEN DUC THUY	Information publisher	-	0.0000%	0	0	

Our Stock - PVS (continued)

INVESTOR RELATION



For nearly 16 years of listing, PTSC has always considered professional Investor Relation as an important factor in building the image and brand value of PTSC. With obligations and responsibilities of a listed company, PTSC has always protected the legitimate rights and interests of its Shareholders and Investors by: promoting communication, ensuring information transparency, protecting shareholders' rights and maintaining equal treatment for all shareholders, in particular by:

Promotion of communication:

Shareholders' right of access to information

In 2022, PTSC held several meetings with Investors in order to provide information and update quarterly activities. In addition, PTSC also met many Investors from leading security and fund management companies in Vietnamese and foreign fund management companies exploring cooperation and investment opportunities. In addition, information on PTSC's business activities is disclosed to the public accurately, promptly, and in accordance with legal regulations, ensuring Shareholders' rights to access information.

Discussion and inquiries at the Annual General Meeting of Shareholders

At the General Meeting of Shareholders, Shareholders directly put questions to the Presidium.

The issues raised by Shareholders were answered by the Presidium with transparent and accurate information. All the comments and recommendations of the Shareholders at the meeting were well received and considered for appropriate implementation.

Transparency of information:

Always appreciating and understanding the importance of information transparency, PTSC has applied IT solutions in information disclosure; posted and updated information published on PTSC's website; used the stock market information service - Ezsearch. At the same time, PTSC also cooperated with securities companies and mass media to update and provide information on PTSC's activities as detailed, complete and transparent as possible.

PTSC's efforts to make information transparent and become the best listed company in the market have been recognized for nearly 16 years. Since 2010, PTSC has continuously received prestigious awards not only for its brand name but also for being a prestigious and quality listed company.

Protection of Shareholders' rights and equal treatment for all Shareholders:

In an effort to achieve the goal of "Maximum protection of shareholders' rights, equal treatment between minority and majority of shareholders,

between domestic and foreign shareholders, between internal and external shareholders of PTSC", PTSC's Investor Relation Department always works with the highest sense of responsibility, meeting the highest requirements, flexibly and promptly processing all requests from shareholders regarding the exercise of Share-

holders' rights such as: registration of ownership, transfer of shares, issuance of additional shares, access to information related to PTSC's activities, attending and voting at the Annual General Meeting, granting authority to exercise the rights of Shareholders, receiving dividends from PTSC, etc.

PUBLISHED INFORMATION IN 2022

No.	Disclosure date	Contents of information disclosure
1	January 18th, 2022	Published Certificate of business registration change
2	January 28th, 2022	Published the Corporate Governance Report (in 2021)
3	January 28th, 2022	Published Financial Statements of Parent Company for Q4/2021
4	January 28th, 2022	Published Notes to the differences between Financial Statements of Parent Company for Q4/2021 vs. Q4/2020
5	January 28th, 2022	Published Consolidated Financial Statements for Q4/2021
6	January 28th, 2022	Published Notes to the differences between Consolidated Financial Statements for Q4/2021 vs. Q4/2020
7	February 18th, 2022	Announced the Decision on Human Resources
8	March 7th, 2022	Published Decision on Supplementing the Charter of PetroVietnam Technical Services Corporation
9	March 9th, 2022	Published Resolution of the 2022 Annual General Meeting of Shareholders
10	March 10th, 2022	Announced the last date for registration to exercise the right to attend the 2022 Annual General Meeting of Shareholders
11	March 30th, 2022	Published Audited Financial Statements of Parent Company for 2021
12	March 30th, 2022	Published Notes to the differences between Financial Statements of Parent Company for 2021 vs. 2020
13	March 30th, 2022	Published Audited Consolidated Financial Statements for 2021
14	March 30th, 2022	Published Notes to the differences between Consolidated Financial Statements for 2021 vs. 2020
15	April 6th, 2022	Announced the Meeting agenda and draft documents of the 2022 Annual General Meeting of Shareholders
16	April 6th, 2022	Notice of the 2022 Annual General Meeting of Shareholders

Our Stock - PVS (continued)

No.	Disclosure date	Contents of information disclosure
17	April 19th, 2022	Published Annual Report 2021
18	April 25th, 2022	Updated and supplemented the content of the 2022 Annual General Meeting of Shareholders
19	April 26th, 2022	Published the Resolution on agenda and documents presented to GMS at the 2022 Annual GMS of PTSC
20	April 29th, 2022	Published Financial Statements of Parent Company for Q1/2022
21	April 29th, 2022	Published Notes to the differences between Financial Statements of Parent Company for Q1/2022 vs. Q1/2021
22	April 29th, 2022	Published Consolidated Financial Statements for Q1/2022
23	April 29th, 2022	Published Notes to the differences between Consolidated Financial Statements for Q1/2022 vs. Q1/2021
24	April 29th, 2022	Published Resolution of the 2022 Annual General Meeting of Shareholders
25	June 14th, 2022	Declaration on execution of the auditor contract and review of 2022 Financial Statements prepared in accordance with Vietnamese Accounting Standards
26	July 19th, 2022	Published Decision on Establishment of PTSC Branch in Middle East
27	July 26th, 2022	Published Financial Statements of Parent Company for Q2/2022
28	July 26th, 2022	Published Notes to the differences between Financial Statements of Parent Company for Q2/2022 vs. Q2/2021
29	July 26th, 2022	Published Consolidated Financial Statements for Q2/2022
30	July 26th, 2022	Published Notes to the differences between Consolidated Financial Statements for Q2/2022 vs. Q2/2021
31	July 30th, 2022	Published Corporate Governance Report (for first half of 2022)
32	August 19th, 2022	Published the reviewed Financial Statements of Parent Company for the first half of 2022
33	August 19th, 2022	Published Notes to the differences between Financial Statements of Parent Company for the first half of 2022

No.	Disclosure date	Contents of information disclosure
34	August 19th, 2022	Published the reviewed Consolidated Financial Statements for the first half of 2022
35	August 19th, 2022	Published Notes to the differences between Consolidated Financial Statements for the first half of 2022
36	September 14th, 2022	Published Resolution on 2021 dividend cash payout
37	September 15th, 2022	Announced the last date for registration to exercise the right to receive 2021 dividends in cash
38	October 5th, 2022	Announced the Decision on Human Resource
39	October 27th, 2022	Published Financial Statements of Parent Company for Q3/2022
40	October 26th, 2022	Published Notes to the differences between Financial Statements of Parent Company for Q3/2022 vs. Q3/2021
41	October 28th, 2022	Published Consolidated Financial Statements for Q3/2022
42	October 28th, 2022	Published Notes to the differences between Consolidated Financial Statements for Q3/2022 vs. Q3/2021
43	December 16th, 2022	Published Decision on Approval of incorporation place, English transaction name, business lines of the PTSC branch in the Middle East
44	December 26th, 2022	December 26th, 2022 Published Resolution on science and technology assignment contract signed with Vietnam Oil and Gas Group
45	January 18th, 2023	Published Financial Statements of Parent Company for Q4/2022
46	January 18th, 2023	Published Notes to the differences between Financial Statements of Parent Company for Q4/2022 vs. Q4/2021
47	January 19th, 2023	Published the Consolidated Financial Statements for Q4/2022
48	January 19th, 2023	Published Notes to the differences between Consolidated Financial Statements for Q4/2022 vs. Q4/2021
49	January 30th, 2023	Published Corporate Governance Report (2022)

Our Stock - PVS (continued)



2022 was a volatile year of the stock market

After skyrocketing in 2021, the VN-Index closed above 1,500 points for the first time in history on January 6, 2022. The order matching value regularly exceeded USD 1 billion, and reached the peak on January 10 when the liquidity of the whole stock market exceeded USD 2 billion– a record number that Vietnam's stock market has never reached before. When VN-Index was at its historical peak, the HoSE capitalization also set a new record with over 6 million billion VND in early April, the VN-Index remained its historic peak in the first 3 months in 2022. However, the

stock market then fell repeatedly, becoming one of the world's worst declining markets. By December 30, the VN-Index dropped to 1,007.09 points, down by 34.2% from the 1,520 points reached in early April.

Also in 2022, the world oil price fluctuated wildly, spiking to \$130/barrel and then dropping to below \$80/barrel. The volatile oil price had an impact upon the business results in 2022 as well as the stock price of the oil and gas industry.

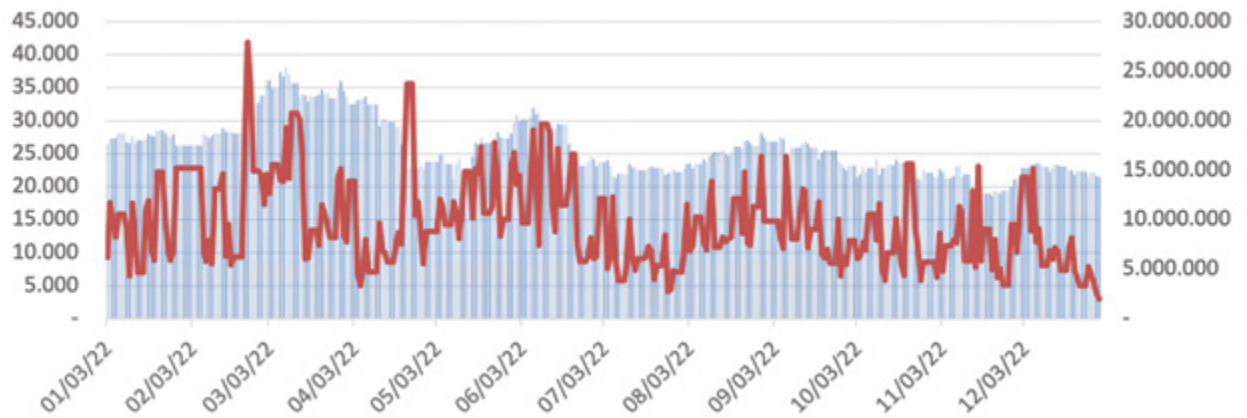
PVS STOCK REVIEW IN 2023

Source: Bloomberg



Value and trading volume of PVS in 2022 chart

Source: Bloomberg



Our Stock - PVS (continued)



Oil and gas industry in 2023: Demand expected to recover

Global crude oil supply has nearly returned to pre-Cold War levels, while demand is projected to decline as the global economic outlook for 2023 remains gloomy due to inflation and escalating geopolitical tensions. However, the above decline was partially offset by the trend of shifting from gas to oil, leading to a slight supply - demand imbalance and gradual output cut by OPEC+. In addition, oil demand is expected to recover when China lifts the lockdown and reopens its economy from the beginning of January 2023. According to organizations, the average Brent oil price in 2023 reaches about 80 USD/barrel and is considered to be the balance point for supply-demand. Along with this equilibrium price, countries will maintain the production as well as the development of new oil and gas projects.

In Vietnam, together with the oil price remaining fixed and stable for a long period, some key projects in the Oil and Gas industry such as Block B O Mon, Su Tu Trang - phase 2B, Lac Da Vang, Nam Du U Minh, etc. are most likely to be implemented immediately in 2023, resulting in a huge workload for upstream Oil and Gas companies such as GAS, PVD, PVS...

In addition, in line with the green energy transition trend, offshore renewable energy projects are currently being promoted, and PVS has become a pioneer by participating in offshore wind power projects in Taiwan. Accordingly, PVS stands to gain the most from the development of offshore renewable energy projects globally as well as in Vietnam in the near future.



History of increase of PTSC's chartered capital

Year	Method	Number of shares offering (share)	Chartered capital (billion VND)
2006	Initial Public Offering (IPO)	100,000,000	1,000.00
2008	Issued to current shareholders	73,803,431	1,738.03
2009	Offering to existing shareholders	25,000,000	1,988.03
2010	Issued to current shareholders	98,998,663	2,978.02
2012	Issued to current shareholders	148,898,327	4,467.00
2018	Offering to strategic shareholders	31,269,002	4,779.66

Our Stock - PVS (continued)

DIVIDEND HISTORY

Mo.	Year	Cut-off date	Charter capital	Payment ratio (%)	Payment value (thousand VND)
1	2007	14/3/2008	1,000,000,000	14%	140,000,000
2	2008 (1st tranche)	20/11/2008	1,000,000,000	10%	100,000,000
3	2008 (2nd tranche)	25/6/2009	1,738,034,310	5%	86,901,715
4	2009	12/5/2010	1,988,034,310	20%	397,606,862
5	2010	13/12/2010	1,988,034,310	15%	298,205,146
6	2011	25/5/2012	2,978,020,940	20%	595,604,188
7	2012 (1st tranche)	17/01/2013	2,978,020,940	10%	297,802,094
8	2012 (2nd tranche))	5/9/2013	4,467,004,210	5%	223,350,210
9	2013	28/7/2014	4,467,004,210	12%	536,040,505
10	2014	31/7/2015	4,467,004,210	12%	536,040,505
11	2015	22/7/2016	4,467,004,210	12%	536,040,505
12	2016 (1st tranche)	07/12/2016	4,467,004,210	5%	223,350,210
13	2016 (2nd tranche))	29/9/2017	4,467,004,210	5%	223,350,210
14	2017 (1st tranche)	26/02/2018	4,467,004,210	5%	223,350,210
15	2017 (2nd tranche))	31/10/2018	4,467,004,210	5%	223,350,210
16	2017 (by share)	31/10/2018	4,467,004,210	100:7	312,690,295
17	2019	30/9/2019	4,779,662,900	7%	334,576,403
18	2019	23/11/2020	4,779,662,900	10%	477,966,290
19	2020	28/9/2021	4,779,662,900	10%	477,966,290
20	2021	28/9/2022	4,779,662,900	8%	382,373,032
Total					6,626,564,880

FINANCIAL STATEMENTS



CORPORATE INFORMATION

Enterprise registration Certificate

No. 0103015198 dated 29 December 2006 initially issued by the Department of Planning and Investment of Ha Noi City and the 10th amendment of the Enterprise registration certificate No. 0100150577 issued by the Department of Planning and Investment of Ho Chi Minh City on 20 February 2019.

Board of Directors

Mr. Phan Thanh Tung	Chairman
Mr. Le Manh Cuong	Member
Mr. Do Quoc Hoan	Member
Mr. Nguyen Xuan Ngoc	Member
Mr. Tran Ngoc Chuong	Member (from 4 January 2022)
Mr. Hoang Xuan Quoc	Independent Member (from 28 April 2022)
Mr. Luu Duc Hoang	Member (till 4 January 2022)

Board of Supervisors

Ms. Bui Thu Ha	Chief of the Board
Mr. Bui Huu Viet Cuong	Member
Mr. Pham Van Tien	Member

Board of Management

Mr. Le Manh Cuong	President and Chief Executive Officer
Mr. Nguyen Tran Toan	Vice President
Mr. Nguyen Huu Hai	Vice President (till 1 October 2022)
Mr. Ta Duc Tien	Vice President
Mr. Nguyen Xuan Cuong	Vice President
Mr. Tran Ho Bac	Vice President
Mr. Tran Hoai Nam	Vice President
Mr. Pham Van Hung	Vice President (from 4 October 2022)

Legal representative

Mr. Le Manh Cuong	President and Chief Executive Officer
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Registered office

5th Floor, PetroVietnam Tower, No. 1 - 5 Le Duan Street, Ben Nghe Ward, District 1, Ho Chi Minh City, Vietnam

Auditor

PwC (Vietnam) Limited

STATEMENT BY THE BOARD OF MANAGEMENT

Responsibility of the Board of Management in respect of the Consolidated Financial Statements

The Board of Management of PetroVietnam Technical Services Corporation ("the parent Company") is responsible for preparing the consolidated financial statements of the parent Company and its subsidiaries (together, "the Corporation") which give a true and fair view of the consolidated financial position of the Corporation as at 31 December 2022 and the consolidated results of its operations and its consolidated cash flows for the year then ended. In preparing these consolidated financial statements, the Board of Management is required to:

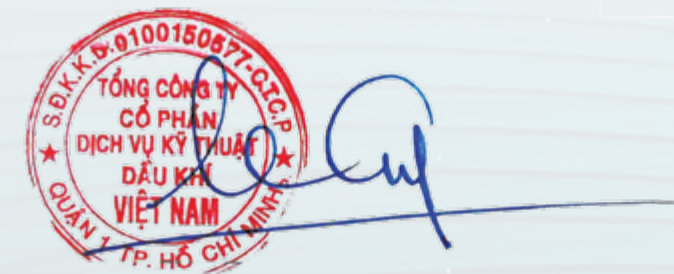
- » Select suitable accounting policies and then apply them consistently;
- » Make judgments and estimates that are reasonable and prudent; and
- » Prepare the consolidated financial statements on a going concern basis unless it is inappropriate to presume that the Corporation will continue in business.

The Board of Management of the Corporation is responsible for ensuring that proper accounting records are kept which disclose, with reasonable accuracy at any time, the consolidated financial position of the Corporation and which enable consolidated financial statements to be prepared which comply with the basis of accounting set out in Note 2 to the consolidated financial statements. The Board of Management of the Corporation is also responsible for safeguarding the assets of the Corporation and hence for taking reasonable steps for the prevention and detection of frauds or errors.

Approval of the Consolidated Financial Statements

We hereby approve the accompanying consolidated financial statements as set out on pages 5 to 88 which give a true and fair view of the consolidated financial position of the Corporation as at 31 December 2022 and the consolidated results of its operations and its consolidated cash flows for the year then ended in accordance with Vietnamese Accounting Standards, the Vietnamese Corporate Accounting System and applicable regulations on preparation and presentation of consolidated financial statements.

On behalf of the Board of Management



Le Manh Cuong

President and Chief Executive Officer ("CEO")

Ho Chi Minh City, SR Vietnam

21 March 2023

INDEPENDENT AUDITOR'S REPORT

TO THE SHAREHOLDERS OF PETROVIETNAM TECHNICAL SERVICES CORPORATION

We have audited the accompanying consolidated financial statements of PetroVietnam Technical Services Corporation ("the parent Company") and its subsidiaries (together, "the Corporation") which were prepared on 31 December 2022 and approved by the Board of Management on 21 March 2023. These consolidated financial statements comprise the consolidated balance sheet as at 31 December 2022, the consolidated income statement and the consolidated cash flow statement for the year then ended, and explanatory notes to the consolidated financial statements, as set out on pages 5 to 88.

The Board of Management's Responsibility

The Board of Management is responsible for the preparation and the true and fair presentation of these consolidated financial statements in accordance with Vietnamese Accounting Standards, the Vietnamese Corporate Accounting System and applicable regulations on preparation and presentation of consolidated financial statements and for such internal control which the Board of Management determines as necessary to enable the preparation and fair presentation of the consolidated financial statements that are free from material misstatements, whether due to fraud or errors.

Auditor's Responsibility

Our responsibility is to express an opinion on the consolidated financial statements based on our audit. We conducted our audit in accordance with Vietnamese Standards on Auditing. Those standards require that we comply with ethical standards and requirements and plan and perform the audit in order to obtain reasonable assurance as to whether the consolidated financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the consolidated financial statements. The procedures selected depend on the auditor's judgment, including an assessment of the risks of material misstatement of the consolidated financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal controls relevant to the Corporation's preparation and true and fair presentation of the consolidated financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Corporation's internal controls. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of accounting estimates made by the Board of Management, as well as evaluating the overall presentation of the consolidated financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

INDEPENDENT AUDITOR'S REPORT (continued)

Auditor's Opinion

In our opinion, the consolidated financial statements present fairly, in all material respects, the consolidated financial position of the Corporation as at 31 December 2022, its consolidated financial performance and consolidated cash flows for the year then ended in accordance with Vietnamese Accounting Standards, the Vietnamese Corporate Accounting System and applicable regulations on preparation and presentation of consolidated financial statements.

Other Matters

The report on review of consolidated financial information is prepared in Vietnamese and English. Should there be any conflict between the Vietnamese and English versions, the Vietnamese version shall take precedence.

For and on behalf of PwC (Vietnam) Limited



Quach Thanh Chau

Audit Practising Licence No.
0875-2023-006-1
Authorised signatory

Nguyen Vu Anh Tuan

Audit Practising Licence No.
3631-2021-006-1

Report reference number: HCM13108
Ho Chi Minh City, 21 March 2023



CONSOLIDATED BALANCE SHEET

Form B 01 – DN/HN

Code	ASSETS	Note	As at 31 December	
			2022	2021
			VND	VND
(As restated - Note 45)				
100	CURRENT ASSETS		16,388,291,606,616	15,395,347,845,934
110	Cash and cash equivalents	3	5,219,378,499,294	5,747,277,411,831
111	Cash		3,689,136,368,050	3,483,868,789,231
112	Cash equivalents		1,530,242,131,244	2,263,408,622,600
120	Short-term investment		4,837,330,575,989	2,676,700,567,303
123	Investments held to maturity	4(a)	4,837,330,575,989	2,676,700,567,303
130	Short-term receivables		5,043,467,850,735	4,642,453,246,540
131	Short-term trade accounts receivable	5	4,158,365,600,740	4,005,773,767,806
132	Short-term prepayments to suppliers	6(a)	305,968,148,150	291,253,241,235
134	Construction contracts-in-progress receivables	7	69,968,946,447	79,509,916,775
136	Other short-term receivables	8(a)	656,830,079,339	435,483,138,153
137	Provision for doubtful debts - short-term	9	(147,664,923,941)	(169,566,817,429)
140	Inventories	10(a)	1,012,219,488,343	2,103,063,346,436
141	Inventories		1,014,169,742,731	2,105,254,512,597
149	Provision for decline in value of inventories		(1,950,254,388)	(2,191,166,161)
150	Other current assets		275,895,192,255	225,853,273,824
151	Short-term prepaid expenses	11(a)	37,994,410,644	38,205,702,547
152	Value Added Tax ("VAT") to be reclaimed		234,819,754,830	153,427,456,145
153	Tax and other receivables from the State	19(a)	2,944,663,145	8,606,598,768
155	Other current assets	12	136,363,636	25,613,516,364
200	NON-CURRENT ASSETS		9,439,480,033,302	9,475,590,955,954

The notes on pages 145 to 228 are an integral part of these consolidated financial statements.

CONSOLIDATED BALANCE SHEET (continued)

Form B 01 – DN/HN

Code	ASSETS	Note	As at 31 December	
			2022	2021
			VND	VND
(As restated - Note 45)				
210	Long-term receivables		123,822,830,133	175,179,801,036
212	Long-term prepayments to suppliers	6(b)	485,669,637	22,898,287,338
216	Other long-term receivables	8(b)	123,337,160,496	152,281,513,698
220	Fixed assets		3,040,183,166,385	2,990,741,353,230
221	Tangible fixed assets	13(a)	2,973,164,199,046	2,977,407,413,214
222	Historical cost		12,400,929,737,366	12,118,345,721,437
223	Accumulated depreciation		(9,427,765,538,320)	(9,140,938,308,223)
227	Intangible fixed assets	13(b)	67,018,967,339	13,333,940,016
228	Historical cost		187,999,064,578	127,255,860,720
229	Accumulated amortisation		(120,980,097,239)	(113,921,920,704)
230	Investment properties	14	169,130,232,771	173,865,504,627
231	Historical cost		229,280,786,454	229,280,786,454
232	Accumulated depreciation		(60,150,553,683)	(55,415,281,827)
240	Long-term assets in progress		171,959,008,908	183,770,310,336
241	Long-term work in progress	15(a)	69,815,950,708	69,815,950,708
242	Construction in progress	15(b)	102,143,058,200	113,954,359,628
250	Long-term investments		4,917,691,241,127	4,841,227,023,772
252	Investments in associates and joint ventures	4(b)	4,900,733,639,663	4,824,330,619,445
253	Investments in other entities	4(b)	31,125,000,000	41,655,000,000
254	Provision for long-term investments	4(b)	(14,167,398,536)	(24,758,595,673)
260	Other long-term assets		1,016,693,553,978	1,110,806,962,953
261	Long-term prepaid expenses	11(b)	647,338,421,831	610,779,207,619

The notes on pages 145 to 228 are an integral part of these consolidated financial statements.

Code	ASSETS	Note	As at 31 December	
			2022	2021
			VND	VND
(As restated - Note 45)				
262	Deferred income tax assets	16	338,197,955,965	477,030,804,692
263	Long-term spare equipment, supplies and parts	10(b)	31,157,176,182	22,996,950,642
270	TOTAL ASSETS		25,827,771,639,918	24,870,938,801,888
300	LIABILITIES		12,879,176,838,661	12,263,174,213,775
310	Current liabilities		9,198,890,888,791	8,692,190,774,502
311	Short-term trade accounts payable	17	5,301,151,233,703	4,281,695,231,480
312	Short-term advances from customers	18(a)	213,682,326,442	221,767,130,827
313	Tax and other payables to the State	19(b)	98,873,145,235	202,798,839,015
314	Payable to employees		620,879,890,466	577,014,632,663
315	Short-term accrued expenses	20	902,067,010,917	1,211,808,399,603
317	Construction contracts-in-progress payables	7	17,741,336,460	230,585,550,110
318	Short-term unearned revenue	21(a)	10,707,454,076	57,765,278,437
319	Other short-term payables	22(a)	593,925,466,931	586,729,643,125
320	Short-term borrowings	23(a)	752,208,505,290	711,101,884,029
321	Provision for short-term liabilities	24(a)	81,376,634,813	49,547,606,070
322	Bonus and welfare fund	25	606,277,884,458	561,376,579,143
330	Non-current liabilities		3,680,285,949,870	3,570,983,439,273
332	Long-term advances from customers	18(b)	781,044,054,435	854,528,821,993
333	Long-term accrued expenses		-	143,375,872
336	Long-term unearned revenue	21(b)	190,488,163,928	187,553,913,712
337	Other long-term payables	22(b)	69,699,115,385	69,697,498,385

The notes on pages 145 to 228 are an integral part of these consolidated financial statements.

Code	ASSETS	Note	As at 31 December	
			2022	2021
			VND	VND
(As restated - Note 45)				
338	Long-term borrowings	23(b)	623,765,467,201	534,043,674,869
341	Deferred income tax liabilities	16	764,257,125,923	832,810,743,790
342	Provision for long-term liabilities	24(b)	1,245,471,401,158	1,083,795,138,812
343	Fund for scientific and technological development	26	5,560,621,840	8,410,271,840
400	OWNERS' EQUITY		12,948,594,801,257	12,607,764,588,113
410	Capital and reserves		12,948,594,801,257	12,607,764,588,113
411	Owners' capital	27, 28	4,779,662,900,000	4,779,662,900,000
411a	- Ordinary shares with voting rights		4,779,662,900,000	4,779,662,900,000
412	Share premium	28	39,617,060,000	39,617,060,000
417	Foreign exchange differences	28	394,170,781,659	284,397,049,341
418	Investment and development fund	28	3,214,094,269,215	3,081,668,462,592
421	Undistributed earnings	28	3,790,999,491,754	3,694,279,582,577
421a	- Undistributed post-tax profits of previous years		2,928,678,969,182	3,035,884,533,418
421b	- Post-tax profit of the current year		862,320,522,572	658,395,049,159
429	Non-controlling interests	28, 29	730,050,298,629	728,139,533,603
440	TOTAL RESOURCES		25,827,771,639,918	24,870,938,801,888

Duong Thi Ngoc Quy
Preparer

Nguyen Van Bao
Chief Accountant

Le Manh Cuong
President and CEO
21 March 2023

The notes on pages 145 to 228 are an integral part of these consolidated financial statements.

CONSOLIDATED INCOME STATEMENT

Form B 02 – DN/HN

Code	Note	For the year ended 31 December	
		2022	2021
		VND	VND
			(As restated - Note 45)
01	Revenue from sales of goods and rendering of services	16,378,973,957,230	14,277,024,605,794
02	Less deductions	(6,461,436,399)	(17,036,288,370)
10	Net revenue from sales of goods and rendering of services	16,372,512,520,831	14,259,988,317,424
11	Cost of goods sold and services rendered	(15,457,885,001,543)	(13,392,532,628,153)
20	Gross profit from sales of goods and rendering of services	914,627,519,288	867,455,689,271
21	Financial income	489,061,740,268	277,549,431,638
22	Financial expenses	(162,633,555,590)	(94,374,867,465)
23	- Including: Interest expense	(50,646,884,587)	(45,619,511,092)
24	Profit sharing from associates and joint ventures	657,204,081,658	506,796,118,343
25	Selling expenses	(79,326,222,890)	(89,440,083,792)
26	General and administration expenses	(827,935,784,059)	(712,481,910,717)
30	Net operating profit	990,997,778,675	755,504,377,278
31	Other income	219,113,496,653	234,883,459,609
32	Other expenses	(36,471,133,930)	(20,975,713,140)
40	Net other income	182,642,362,723	213,907,746,469
50	Net accounting profit before tax	1,173,640,141,398	969,412,123,747
51	Corporate income tax ("CIT") - current	(158,908,973,293)	(329,426,287,184)
52	CIT - deferred	(70,279,230,860)	110,721,051,886
60	Net profit after tax	944,451,937,245	750,706,888,449
	Attributable to:		
61	Owners of the parent Company	883,636,252,979	674,602,999,567
62	Non-controlling interests	60,815,684,266	76,103,888,882
70	Basic earnings per share	30(a) 1,575	887
71	Diluted earnings per share	30(b) 1,575	887

Duong Thi Ngoc Quy
Preparer

Nguyen Van Bao
Chief Accountant



Le Manh Cuong
President and CEO
21 March 2023

The notes on pages 145 to 228 are an integral part of these consolidated financial statements.

CONSOLIDATED CASH FLOW STATEMENT (Indirect method)

Form B 03 – DN/HN

Code	Notes	For the year ended 31 December	
		2022	2021
		VND	VND
			(As restated - Note 45)
CASH FLOWS FROM OPERATING ACTIVITIES			
01	Net accounting profit before tax	1,173,640,141,398	969,412,123,747
	Adjustments for:		
02	Depreciation and amortisation	471,172,463,810	491,375,748,133
03	Provisions/(reversal) of the provisions	171,301,288,691	(208,847,911,651)
04	Unrealised foreign exchange losses	31,156,712,303	18,690,777,026
05	Profits from investing activities	(977,788,945,720)	(719,915,705,425)
06	Interest expense	50,646,884,587	45,619,511,092
07	Other adjustments	(2,284,833,333)	(26,892,519,520)
08	Operating profit before changes in working capital	917,843,711,736	569,442,023,402
09	(Increase)/decrease in receivables	(350,311,498,468)	995,270,619,983
10	Decrease in inventories	1,082,924,544,326	71,185,514,681
11	Increase/(decrease) in payables	448,669,409,834	(1,414,443,832,711)
12	(Increase)/decrease in prepaid expenses	(36,347,922,309)	30,650,778,369
14	Interest paid	(45,933,086,253)	(45,200,893,212)
15	CIT paid	(285,957,005,772)	(155,145,199,635)
17	Other payments on operating activities	(233,230,894,195)	(189,737,172,438)
20	Net cash inflows/(outflows) from operating activities	1,497,657,258,899	(137,978,161,561)
CASH FLOWS FROM INVESTING ACTIVITIES			
21	Purchases of fixed assets and other long-term assets	(498,418,211,861)	(252,646,370,694)
22	Proceeds from disposals of fixed assets	62,976,905,532	13,065,790,259
23	Term deposits with maturity of more than 3 months	(6,378,205,000,000)	(4,170,534,557,415)
24	Term deposits with maturity of more than 3 months collected	4,181,122,187,857	4,804,617,904,403

The notes on pages 145 to 228 are an integral part of these consolidated financial statements.

Code	Notes	For the year ended 31 December	
		2022	2021
		VND	VND
			(As restated - Note 45)
27	Interest, dividend and profit received	905,089,108,912	767,385,371,602
30	Net cash (outflows)/inflows from investing activities	(1,727,435,009,560)	1,161,888,138,155
CASH FLOWS FROM FINANCING ACTIVITIES			
33	Proceeds from short-term and long-term borrowings	266,120,897,834	309,865,823,081
34	Repayments of borrowings	(157,725,139,878)	(264,564,420,982)
36	Dividends paid, profits distributed to owners	(429,659,854,200)	(554,033,686,700)
40	Net cash outflows from financing activities	(321,264,096,244)	(508,732,284,601)
50	Net (decrease)/increase in cash	(551,041,846,905)	515,177,691,993
60	Cash and cash equivalents at beginning of year	5,747,277,411,831	5,212,155,694,269
61	Effect of foreign exchange differences	23,142,934,368	19,944,025,569
70	Cash and cash equivalents at end of year	5,219,378,499,294	5,747,277,411,831

Duong Thi Ngoc Quy
Preparer

Nguyen Van Bao
Chief Accountant



Le Manh Cuong
President and CEO
21 March 2023

1. GENERAL INFORMATION

Structure of ownership

PetroVietnam Technical Services Corporation (the "Corporation") is a joint stock company established in SR Vietnam pursuant to the initial Enterprise registration certificate No. 0103015198 dated 29 December 2006 issued by the Department of Planning and Investment of Ha Noi City and the amended Enterprise registration certificates No. 0100150577 issued by the Department of Planning and Investment of Ho Chi Minh City. The latest tenth amendment was issued by the Department of Planning and Investment of Ho Chi Minh City on 20 February 2019.

The shares of the Corporation have been officially listed in the Hanoi Stock Exchange since 20 September 2007 with the share code of PVS, pursuant to the Decision No.242/QĐ-TTGD signed by the General Director of Hanoi Stock Exchange on 12 September 2007.

The main shareholder of the parent Company is Vietnam Oil and Gas Group ("the Group"). Details of capital contribution are presented in Note 27.

Principal activities

The business sector of the parent Company and its subsidiaries (together, "the Corporation") is to provide petroleum technical services.

The principal activities of the Corporation are comprised of:

- » Supplying oil and gas technical services;
- » Management, operation and supply of the technology service vessels;
- » Supplying port-based services; ship services, tallying services and freight forwarding;
- » Management, business, and operation of the floating storage and offloading ("FSO"), floating production storage and offloading ("FPSO");
- » Supplying services for geophysical survey activities - engineering geology, diving services, ROV provision services for oil and gas exploration, exploration and exploitation and industrial and civil works;
- » Management and implementation of marine engineering activities;
- » Machining, assembly, fabrication of components, oil and gas equipment;
- » Fabrication and installation of all types of petroleum storage tanks, liquefied gas pipelines and other types of oil and gas; Repairment of shipping vessels and the offshore oil and gas projects;
- » Repairment of shipping vessels and the offshore oil and gas projects;
- » Maintenance, repairment, building and conversion of floating facilities;
- » Exportation and importation of equipment for oil and gas supplies;
- » Production and supply of petroleum materials and equipment;
- » Supplying petroleum specialized labour;
- » Operation and maintenance of oil and gas exploitation projects;
- » Supplying hotels, housing, office services;
- » Sales of petroleum products;
- » Shipping agency services and maritime brokerage; and
- » Chartering, shipping brokerage, towage and salvage services.
- » Producing electricity, electricity transmission and distribution, construction of industrial works and renewable energy.

The normal business cycle

The normal business cycle of the Corporation is within 12 months.

The Corporation's structure

As at 31 December 2022, the Corporation has 5 branches and 1 representative office, 13 direct subsidiaries, 6 direct associates and joint ventures, 1 indirect associate. Details are presented as follows:

Branches and representative office:

No.	Name	Address
1	Branch of PetroVietnam Technical Services Corporation - PTSC Marine	No. 73, 30/4 Street, Thong Nhat Ward, Vung Tau City, Vietnam
2	Branch of PetroVietnam Technical Services Corporation - PTSC Supply Base	No. 65A, 30/4 Street, Thong Nhat Ward, Vung Tau City, Vietnam
3	Branch of PetroVietnam Technical Services Corporation - PTSC Da Nang	No. 11, 3/2 Street, Hai Chau Ward, Da Nang City, Vietnam
4	Branch of PetroVietnam Technical Services Corporation - Quang Binh General Petroleum Services Port.	Hon La Port, Quang Dong Ward, Quang Trach District, Quang Binh Province, Vietnam
5	Branch of PetroVietnam Technical Services Corporation - Long Phu Power Project Management Board	Thanh Duc Commune, Long Duc Ward, Long Phu District, Soc Trang Province, Vietnam
6	Representative office of PetroVietnam Technical Services Corporation in Ha Noi	No. 142, Nguyen Khuyen Street, Van Mieu Ward, Dong da District, Ha Noi City, Vietnam

International branch:

On 19 July 2022, the Board of Directors issued Decision No 322/QĐ-PTSC-HDQT on the establishment of a branch of PetroVietnam Technical Services Corporation in the Middle East. At the date of these consolidated financial statements, the Corporation is completing the relevant procedures to establish a branch in accordance with regulations.

No	Name	Principal activities	Place of incorporation and operation	31.12.2022		31.12.2021	
				Ownership (%)	Voting Right (%)	Ownership (%)	Voting Right (%)
Direct subsidiaries							
1	PTSC Mechanical and Construction Services Company Limited	Maintenance and construction for oil and gas field	Vung Tau City, Vietnam	100	100	100	100
2	PTSC Geos and Subsea Services Company Limited	Operation of 2D and 3D vessels, seismic survey services, geophysical and geological survey services, diving, and subsea services by using remote operated vehicle ("ROV")	Vung Tau City, Vietnam	100	100	100	100
3	Petro Hotel Company Limited	Hotel services and related services to domestic and oversea companies in petroleum industry	Vung Tau City, Vietnam	100	100	100	100
4	PTSC Labuan Company Limited	Providing service vessels in petroleum and gas exploration	Malaysia	100	100	100	100
5	PTSC Quang Ngai Joint Stock Company	Management, operation and supply technology service vessels; supplying port-based services; mechanical, construction, repair and maintenance services of oil and gas projects, industrial buildings	Quang Ngai Province, Vietnam	95,19	95,19	95,19	95,19
6	PTSC Offshore Services Joint Stock Company	Offshore transportation, installation, hook up commissioning, modification, operation and maintenance, offshore facilities decommissioning services of oil and gas projects	Vung Tau City, Vietnam	84,95	84,95	84,95	84,95
7	PTSC Phu My Port Joint Stock Company	Supplying port-based services	Ba Ria - Vung Tau Province, Vietnam	59,61	59,61	59,61	59,61

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS
(continued)

Form B 09 – DN/HN

No	Name	Principal activities	Place of incorporation and operation	31.12.2022		31.12.2021	
				Ownership (%)	Voting right (%)	Ownership (%)	Voting right (%)
8	PTSC Thanh Hoa Port Joint Stock Company	Supplying port-based services; mechanical, construction, repair and maintenance services of oil and gas projects, industrial buildings	Thanh Hoa Province, Vietnam	54,69	54,69	54,69	54,69
9	PTSC Production Services Joint Stock Company	Management, operation and maintenance of the floating storage and offloading ("FSO"), floating production storage and offloading ("FPSO"), supply of petroleum specialized labour	Vung Tau City, Vietnam	51	51	51	51
10	Dinh Vu Petroleum Services Port Joint Stock Company	Supplying port-based services and container services	Hai Phong City, Vietnam	51	51	51	51
11	PetroVietnam Security Joint Stock Company	Security services	Hanoi City, Vietnam	51	51	51	51
12	Sao Mai - Ben Dinh Petroleum Investment Joint Stock Company	Supplying port-based services	Vung Tau City, Vietnam	51	51	51	51
13	PTSC CGGV Geophysical Survey Company Limited ("PTSC CGGV") (*)	2D and 3D seismic data acquisition service	Vung Tau City, Vietnam	51	51	51	51

Direct associates and joint ventures

1	Vietnam Offshore Floating Terminal (Ruby) Limited ("VOFT")	Management, business and operation of the floating production storage and offloading ("FPSO")	Malaysia	60	50	60	50
2	PTSC South East Asia Private Limited ("PTSC SEA")	Management, business and operation of the floating storage and offloading ("FSO")	Singapore	51	50	51	50

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS
(continued)

Form B 09 – DN/HN

No	Name	Principal activities	Place of incorporation and operation	31.12.2022		31.12.2021	
				Ownership (%)	Voting right (%)	Ownership (%)	Voting right (%)
3	PTSC Asia Pacific Private Limited ("PTSC AP")	Management, business and operation of the floating production storage and offloading ("FPSO")	Singapore	51	50	51	50
4	Malaysia Vietnam Offshore Terminal (Labuan) Limited ("MVOT")	Management, business and operation of the floating storage and offloading ("FSO")	Malaysia	49	50	49	50
5	Rong Doi MV12 Private Limited ("MV12")	Management, business and operation of the floating storage and offloading ("FSO")	Singapore	33	33	33	33
6	PetroVietnam Marine Shipyard Joint Stock Company ("PV Shipyard")	Building, repair and conversion of drilling rigs, marine vessels	Vung Tau City, Vietnam	28,75	28,75	28,75	28,75
Indirect associate							
1	Thi Vai General Port Joint Stock Company	Supplying port-based services	Vung Tau City, Vietnam	21,46	36	21,46	36

(*) As at the date of these consolidated financial statements, the Corporation is working with CGG Holding B.V. (formerly known as, "CGG Veritas Services Holding B.V.") to end the joint venture contract before its expiration and to carry out necessary procedures to dissolve PTSC CGGV's operation in accordance with official approved documents from authorities and the Resolutions of the Corporation's Board of Directors.

Since 2018 to the date of these consolidated financial statements, PTSC CGGV has stopped its operation. Accordingly, the Board of Members of PTSC CGGV has evaluated and decided to prepare its financial statements for the year ended 31 December 2022 on liquidation basis in accordance with Vietnamese Accounting Standards, the Vietnamese Corporate Accounting System and applicable regulations on preparation and presentation of financial statements.

As at 31 December 2022, the Corporation had 6,935 employees (as at 31 December 2021: 7,115 employees).

2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

2.1. Basis of preparation of consolidated financial statements

The consolidated financial statements have been prepared in accordance with Vietnamese Accounting Standards, the Vietnamese Corporate Accounting System and applicable regulations on preparation and presentation of consolidated financial statements. The consolidated financial statements have been prepared under the historical cost convention and on a going concern basis except for investments in associates and joint ventures and business combinations as presented in Note 2.5, and the basis of accounting for PTSC CGGV's financial statements on liquidation basis as presented in Note 1.

The accompanying consolidated financial statements are not intended to present the consolidated financial position and consolidated results of operations and consolidated cash flows in accordance with accounting principles and practices generally accepted in countries and jurisdictions other than Vietnam's. The accounting principles and practices utilised in Vietnam may differ from those generally accepted in countries and jurisdictions other than Vietnam. The consolidated financial statements in the Vietnamese language are the official statutory consolidated financial statements of the Corporation. The consolidated financial statements in the English language have been translated from the Vietnamese version.

2.2. Fiscal year

The Corporation's fiscal year is from 1 January to 31 December. The consolidated financial statements are prepared for the fiscal year from 1 January to 31 December.

2.3. Currency

The consolidated financial statements are measured and presented in Vietnamese Dong ("VND").

The Corporation determines their accounting currencies based on the currencies which are mainly used in sales of goods and rendering of services, which have a significant impact on

selling prices of goods and services, which are normally used to list selling prices and receive payments; which are mainly used in purchases of goods or services, which have a significant impact on cost of labour, materials, merchandise, and other production or operating costs and normally used as payments for those costs. Additionally, the Corporation also uses these currencies to raise financial resources and/or regularly collects these currencies from business operation and savings.

On consolidating, if the currencies used in the components' financial statements are different from that of the parent Company, the Corporation is required to translate those financial statements into the currency used in the Corporation's consolidated financial statements under the following principles:

- » Assets and liabilities are translated at actual exchange rate at the end of the reporting year;
- » Owners' capital is translated at the exchange rate of contribution date;
- » Net assets of those acquired companies are translated at the exchange rate of acquisition date;
- » Undistributed earnings or accumulated losses incurred after acquisition date are translated based on the translation of income and expenses in the income statement;
- » Profits and dividends already paid are translated at the actual exchange rate at the date of payment;
- » Items of the income statement and the cash flow statement are translated at the average exchange rate of the accounting period if it approximates the actual rate at the time of the transaction;
- » The accumulative amount of exchange differences arising from translation is presented in a separate component of owners' equity of the consolidated balance sheet. For subsidiaries, accumulated exchange differences attributable to the parent Company are presented in "Foreign exchange differences" and those attributable to non-controlling interests are allocated to "Non-controlling interests"; and
- » Upon disposal, the accumulated exchange difference relating to translation of these companies' financial statements presented in owners' equity of the consolidated balance sheet is recognised as financial income or financial expense in the same reporting year.

2.4. Exchange rates

Transactions arising in foreign currencies are translated at exchange rates ruling at the transaction dates. Foreign exchange differences arising from these transactions are recognised in the consolidated income statement.

Monetary assets and liabilities denominated in foreign currencies at the consolidated balance sheet date are respectively translated at the buying and selling exchange rates at the consolidated balance sheet date of the commercial bank(s) where the Corporation regularly trades. Foreign currencies deposited in commercial bank(s) at the consolidated balance sheet date are translated at the buying exchange rate of the commercial bank(s) where the Corporation opens its foreign currency accounts. Foreign exchange differences arising from these translations are recognised in the consolidated income statement.

2.5. Basis of consolidation

Subsidiaries

Subsidiaries are all entities over which the Corporation has the power to govern the financial and operating policies in order to gain future benefits from their activities generally accompanying a shareholding of more than one half of the voting rights. The existence and effect of potential voting rights that are currently exercisable or convertible are considered when assessing whether the Corporation controls another entity. Subsidiaries are fully consolidated from the date on which control is transferred to the Corporation. They are de-consolidated from the date that control ceases.

The purchase method of accounting is used to account for the acquisition of subsidiaries by the Corporation. The cost of an acquisition is measured as the fair value of the assets given, equity instruments issued and liabilities incurred or assumed at the date of exchange, plus costs directly attributable to the acquisition. Identifiable assets acquired and liabilities and contingent liabilities assumed in a business combination are measured initially at their fair values at the acquisition date, irrespective of the extent of any non-controlling interest. The excess of the cost of acquisition over the fair value of the Corporation's share of the identifiable net assets acquired is recorded as goodwill. If the cost of acquisition is

less than the fair value of the net assets of the subsidiary acquired, the difference is recognised directly in the consolidated income statement.

Inter-company transactions, balances and unrealised gains and losses on transactions between group companies are eliminated.

In a multi-phase acquisition, when determining goodwill or bargain purchase, the consideration is the sum of the total consideration on the date of acquiring control and previous considerations remeasured to fair value on the date of control acquisition.

Accounting policies of subsidiaries have been changed where necessary to ensure consistency with the policies adopted by the Corporation.

The financial statements of the Corporation's subsidiaries are prepared for the same accounting period. If there are differences in end dates, the gap must not exceed 3 months. Adjustments are made to reflect impacts of significant transactions and events occurring between the end dates of the subsidiaries' fiscal year and that of the Corporation's. The length of the reporting year and differences in reporting date must be consistent between years.

Non-controlling transactions and interests

The Corporation applies a policy for transactions with non-controlling interests as transactions with external parties to the Corporation.

Non-controlling interests ("NCI") are measured at their proportionate share of the acquiree's identifiable net assets at date of acquisition.

The divestment of the Corporation's interest in a subsidiary that does not result in a loss of control is accounted for as a transaction with owners. The difference between the change in the Corporation's share of net assets of the subsidiary and any consideration paid or received from divestment of Corporation's interest in the subsidiary is recorded directly in the undistributed earnings or accumulated losses under equity.

In a divestment of the Corporation's interest in a subsidiary that results in a loss of control, the difference between the Corporation's share

in the net assets of the subsidiary and the net proceeds from divestment is recognised in the consolidated income statement. The retained interest in the entity will be accounted for as either an investment in other entity or investment to be equity accounted for since the divestment date.

Joint ventures and associates

A joint venture is a contractual agreement by two or more parties to jointly conduct an economic activity, which is jointly controlled by the joint venture capital partners. Associates are investments that the Group has significant influence but not control over and the Group would generally have from 20% to less than 50% of the voting rights of the investee. Investments in joint ventures and associates are accounted for using the equity method of accounting and are initially recognised at cost. The Group's investment in joint ventures and associates includes goodwill identified on acquisition, net of any accumulated impairment loss.

The Group's share of the post-acquisition profits or losses of its joint ventures and those of its associates is recognised in the consolidated income statement. The cumulative post-acquisition movements are adjusted against the carrying amount of the investment. When the Group's share of losses in a joint venture or associate equals or exceeds its interest in the joint venture or associate, the Group does not recognise further losses, unless it has incurred obligations or made payments on behalf of the joint venture or associate.

Accounting policies of joint ventures and associates have been changed where necessary to ensure consistency with the policies adopted by the Group.

Unrealised gains and losses on transactions between the Group and its joint ventures and associates are eliminated to the extent of the Group's interest in the joint ventures and associates.

2.6. Cash and cash equivalents

Cash and cash equivalents comprise cash on hand, cash in banks, demand deposits, cash in transit, and other short-term investments with an original maturity of three months or less, which are highly liquid and readily convertible to known amounts of cash and subject to an insignificant risk of changes in value at the date of the consolidated financial statements.

2.7. Receivables

Receivables represent trade receivables arising from sales of goods and rendering of services or non-trade receivables and are stated at cost. Provision for doubtful debts is made for each outstanding amount based on overdue days in payment according to the initial payment commitment (exclusive of the payment rescheduling between parties), or made for each outstanding amount that is not overdue but doubtful and so the Corporation may be unable to collect the debts. Bad debts are written off when identified according to current prevailing accounting regulations and the Corporation's finance management policies.

Receivables are classified into long-term and short-term receivables on the consolidated balance sheet based on the remaining period from the consolidated balance sheet date to the collection date.

2.8. Inventories

Inventories are stated at the lower of cost and net realisable value. Cost is determined by the weighted average method and includes direct materials, direct labor costs, overhead expenses, purchase cost, and other costs incurred in bringing the inventories to their present location and condition. Net realisable value is the estimated selling price in the normal course of business, less the estimated costs of completion and selling expenses such as publicity, selling and distribution expenses.

The Corporation applies the perpetual system for inventories.

Provision is made, in accordance with current prevailing accounting regulations, for obsolete,

slow-moving and defective inventory items. The difference between the provision of this year and the provision of the previous year are recognised as an increase or decrease of cost of goods sold in the year.

2.9. Investments

(a) Investments held to maturity

Investments held to maturity are investments which the Corporation has positive intention and ability to hold until maturity.

Investments held to maturity include bank term deposits and other held-to-maturity investments. Those investments are initially accounted for at cost and measured at acquisition price plus directly attributable transaction costs. Post-acquisition interest income from investments held to maturity is recognised in the consolidated income statement on accrual basis. Pre-acquisition interest is deducted from the cost of such investments at the acquisition date.

Subsequently, the Board of Management reviews all outstanding investments to determine the amount of provision to recognise at the year end. Provision for diminution in value of investments held-to-maturity is made when there is evidence that the investment is uncollectible in whole or in part.

Investments held to maturity are classified into long-term and short-term investments held-to-maturity on the consolidated balance sheet based on remaining period from the consolidated balance sheet date to the maturity date.

(b) Investments in associates and joint ventures

Investments in associates and joint ventures are accounted for using the equity method when preparing the consolidated financial statements (Note 2.5).

(c) Investments in other entities

Investments in other entities are investments in equity instruments of other entities without controlling rights or co-controlling rights, or

without significant influence over the investee. These investments are accounted for initially at cost. Subsequently, the Board of Management reviews all outstanding investments to determine the amount of provision to recognise at the year end.

Provision for investments in other entities is made when there is a diminution in value of the investments at the year end. It is calculated based on market value if market value can be determined reliably. If market value cannot be determined reliably, the provision for investments in other entities is calculated based on the loss of investees.

Changes in the provision balance during the fiscal year are recorded as an increase or decrease in financial expenses. A reversal, if any, is made only to the extent the investment is restored to its original cost.

2.10. Construction contracts

A construction contract is a contract specifically negotiated for the construction of an asset or a combination of assets that are closely interrelated or interdependent in terms of their design, technology and functions or their ultimate purpose of use.

When the outcome of a contract can be estimated reliably, contract revenue and contract costs are recognised over the year of the contract as revenue and expenses, respectively. The Corporation uses the percentage of completion method to determine the appropriate amount of revenue and costs to be recognised in the financial year. The percentage of completion is measured by reference to the proportion of actual contract costs incurred to date to the estimated total costs of each contract, except where this would not be representative of the stage of completion. Variations in contract work, claims and incentive payments are included to the extent that they have been agreed with the customer.

When the outcome of a construction contract cannot be reliably estimated, contract revenue is recognised to the extent of contract costs incurred where it is probable those costs will be

recoverable. Contract costs are only recognised when incurred during the year.

Where a construction contract stipulates that the contractor is allowed to make payments according to the value of performed work volume, and when the contract performance result is reliably determined and certified by customers, the revenue and costs related to such contract shall be recognized by reference to the completed work volume certified by the customers in the year and reflected in the billed invoices.

The aggregate of the costs incurred, and the profit or loss recognised on each contract is compared against the progress billings up to the year end. Where costs incurred and profits recognised (less recognised losses) exceed progress billings, the balance is presented as construction contracts-in-progress receivables. Where progress billings exceed costs incurred plus recognised profits (less recognised losses), the balance is presented as construction contracts-in-progress payables.

2.11. Fixed assets

Tangible and intangible fixed assets

Fixed assets are stated at historical cost less accumulated depreciation or amortisation. Historical cost includes expenditure that is directly attributable to the acquisition of the fixed assets bringing them to their suitable conditions for their intended use, in which the historical costs of purchased fixed assets comprise their purchase prices and any directly attributable costs of bringing the assets to their suitable conditions for their intended use. In regard fixed assets formed from construction investment by contractual mode or self-construction or self-generating process, the historical costs are the settled costs of the invested construction projects in accordance with the prevailing State's regulations on investment and construction management, directly-related expenses and registration fee (if any). In the event the construction project has been completed and put into use but the settled costs thereof have not been approved, the historical cost is recognized at the estimated cost based on the actual cost incurred. The estimated cost will be adjusted according to the settled costs approved by competent authorities. Expenditure

incurred subsequently which has resulted in an increase in the future economic benefits expected to be obtained from the use of fixed assets, can be capitalised as an additional historical cost. Otherwise, such expenditure is charged to the consolidated income statement when incurred.

Depreciation and amortisation

Fixed assets are depreciated and amortised using the straight-line method so as to write off the historical cost of the fixed assets over their estimated useful lives. The estimated useful lives of each asset class are as follows:

Buildings and structures	3 - 45 years
Machinery and equipment	3 - 7 years
Vehicles	6 - 12 years
Office equipment	3 - 5 years
Other tangible fixed assets	3 years
Software	3 years
Land use right	50 years

Land use rights are comprised of land use rights with a definite useful life are recorded in accordance with the terms indicated in the land use rights certificate issued by Department of Planning and Investment of Ho Chi Minh City on 29 December 2006 and amortised using the straight-line method over 50 years in accordance with such land use rights certificate.

Definite land use rights are stated at costs less accumulated amortisation. Costs of land use rights consists of its purchased prices and any directly attributable costs in obtaining the land use rights. Land use rights are amortised using the straight-line basis over the terms of the land use right certificates.

Indefinite land use rights are stated at costs and not amortised.

Disposals

Gains or losses on disposals are determined by comparing net disposal proceeds with the carrying amount of the fixed assets and are recognised as income or expense in the consolidated income statement.

Construction in progress

Construction in progress represents the cost of assets in the course of construction for production, rental or administrative purposes, or for purposes not yet determined, including construction costs, costs of tools and equipment, construction consulting expenditures, and capitalised borrowing costs for qualifying assets in accordance with the Corporation's accounting policies. In the event of the construction project has been completed and put into use, these expenses will be capitalized to the historical cost of fixed assets at the estimated cost based on the actual cost incurred (in case the settled costs have not been approved). According to the State's regulations on investment and construction management, the settled costs of completed construction projects are subject to approval by appropriate level of competent authorities. The final costs of these completed construction projects may vary depending on the final approval by competent authorities.

Depreciation of these assets, on the same basis as other fixed assets, commences when they are ready for their intended use.

2.12. Operating leases

Leases where a significant portion of the risks and rewards of ownership are retained by the lessor are classified as operating leases. Payments made under operating leases are charged to the consolidated income statement on a straight-line basis over the term of the lease.

2.13. Investment properties

The historical cost of an investment property represents the amount of cash or cash equivalents paid or the fair value of other consideration given to acquire the investment property at the time of its acquisition or completion of construction.

Expenditure incurred subsequently which has resulted in an increase in the expected future economic benefits from the use of investment properties can be capitalised as an additional historical cost. Otherwise, such expenditure is charged to the consolidated income statement when incurred.

Depreciation

Investment properties are depreciated under the straight-line method to write off the historical cost of the assets over their estimated useful lives. The estimated useful lives of investment properties are as follows:

Infrastructure	48 - 49 years
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Disposals

Gains or losses on disposals are determined by comparing net disposal proceeds with the carrying amount of investment properties and are recognised as income or expense in the consolidated income statement.

2.14. Prepaid expenses

Prepaid expenses include short-term and long-term prepayments on the consolidated balance sheet. Prepaid expenses are recorded at cost and allocated on a straight-line basis over estimated useful lives.

Prepayments for land rental contracts which are effective after the effective date of the land law 2003 (ie. 1 July 2004) or which land use right certificates are not granted are recorded as prepaid expenses and allocated using the straight-line method over the terms of such land use right certificates.

2.15. Payables

Classifications of payables are based on their nature as follows

- » Trade accounts payable are trade payables arising from purchase of goods and services; and
- » Other payables are non-trade payables and not relating to purchases of goods and services

Payables are classified into long-term and short-term payables on the consolidated balance sheet based on remaining period from the consolidated balance sheet date to the maturity date.

2.16. Borrowing

Borrowings include borrowings from banks, related parties and third parties.

Borrowings are classified into long-term and short-term borrowings on the consolidated balance sheet based on their remaining period from the consolidated balance sheet date to the maturity date.

Borrowing costs that are directly attributable to the construction or production of any qualifying assets are capitalised during the period of time that is required to complete and prepare the asset for its intended use. In respect of general-purpose borrowings, a portion of which is used for the purpose of construction or production of any qualifying assets, the Company determines the amount of borrowing costs eligible for capitalisation by applying a capitalisation rate to the weighted average expenditure on the assets. The capitalisation rate is the weighted average of the interest rates applicable to the Company's borrowings that are outstanding during the period, other than borrowings made specifically for the purpose of obtaining a qualifying asset. Other borrowing costs are recognised in the consolidated income statement when incurred.

2.17. Accrued expenses

Accrued expenses include liabilities for goods and services received in the year but not yet paid due to pending invoice or insufficient records and documents. Accrued expenses are recorded as expenses in the reporting year. The recognition of accrued expenses is determined based on the present obligation, which is determined reliably at the time of payment.

The accrued expenses is recorded into the consolidated income statement according to the matching concept between revenue and expenses incurred in the period.

2.18. Provisions for liabilities

Provisions are recognised when the Corporation has a present legal or constructive obligation as a result of past events that the Corporation is obliged to settle this obligation, it is probable that an outflow of resources will be required to settle the obligation, and the amount has been reliably estimated. Provision is not recognised for future operating losses.

Provisions are estimated on the amount of money which may be required to settle the obligation. If the time value of money is material, provision will be measured at the present value using a pre-tax rate that reflects current market assessments of the time value of money and the risks specific to the obligation. The increase in the provision due to passage of time is recognised as a financial expense. Changes in the provision balance during the fiscal year are recorded as an increase or decrease in operating expenses.

2.19. Unearned revenue

Unearned revenue mainly comprises the amounts that customers paid in advance for one or many accounting periods for leasing assets and related services accompanied the assets. The Corporation records unearned revenue for the future obligations that the Corporation has to fulfill. Once recognition criteria have been satisfied, unearned revenue will be recognised as revenue in the consolidated income statement to the extent that it has met the recognition criteria.

Unearned revenue is classified into short-term and long-term on the consolidated balance sheet according to the portion of obligations that are satisfied for revenue recognition as at the consolidated balance sheet.

2.20. Capital and reserves

(a) Owners' capital

Owners' capital is recorded according to the actual amounts contributed and are recorded according to par value of the share.

(b) Share premium

Share premium is the difference between the par value and the issued price of shares; the difference between the repurchased price and re-issuing price of treasury shares.

(c) Undistributed earnings

Undistributed earnings record the Corporation's accumulated results after CIT at the reporting date.

2.21. Appropriation of net profit after CIT

Profit after CIT could be distributed to shareholders in accordance with Resolutions of the Shareholders' Annual General Meetings of the parent Company and its subsidiaries including dividend paid and appropriation to funds in accordance with the Corporation's charter and Vietnamese regulations.

The Corporation's dividends are recognised as a liability on the consolidated financial statements in the year in which the shareholder list for dividend payment is finalised according to the Resolution of Board of Directors and after the dividends are approved by shareholders at the Annual General Meeting of Shareholders

The Corporation's funds are as below:

(a) Investment and development fund

Investment and development fund is appropriated from net profit after CIT of the Corporation and subject to shareholders' approval at the Annual General Meeting of the Shareholders. This fund is used for expanding and developing the business of the Corporation under the form of additional capital contribution.

(b) Bonus and welfare fund

Bonus and welfare fund is appropriated from the Corporation's net profit after CIT and subject to shareholders' approval at the Annual General Meeting of the Shareholders. This fund is presented as a liability on the consolidated balance sheet and is used for rewarding and encouraging, enhancing the physical and mental well-being of the employees.

2.22. Revenue recognition

(a) Revenue from sales of goods

Revenue from sale of goods is recognised in the consolidated income statement when all five (5) following conditions are satisfied:

- » The Corporation has transferred to the buyer the significant risks and rewards of ownership of the goods;
- » The Corporation retains neither continuing managerial involvement to the degree usually associated with ownership nor effective control over the goods sold;
- » The amount of revenue can be measured reliably;
- » It is probable that the economic benefits associated with the transaction will flow to the Corporation; and
- » The costs incurred or to be incurred in respect of the transaction can be measured reliably.

No revenue is recognised if there are significant uncertainties regarding recovery of the consideration due or the possible return of goods.

Revenue is recognised in accordance with the "substance over form" principle and allocated to each sale obligation.

(b) Revenue from rendering of services

Revenue from rendering of services is recognised in the consolidated income statement when the services are rendered, by reference to completion of the specific transaction assessed on the basis of the actual service provided as a proportion of the total services to be provided. Revenue from rendering of services is only recognised when all four (4) following conditions are satisfied:

- » The amount of revenue can be measured reliably;
- » It is probable that the economic benefits associated with the transaction will flow to the Corporation;
- » The percentage of completion of the transaction at the consolidated balance sheet date can be measured reliably; and
- » The costs incurred for the transaction and the costs to complete the transaction can be measured reliably.

(c) Revenue from construction contracts

Revenues from construction contracts are comprised of the revenue initially set out in contracts; increases and/or decreases during the term of the contract; bonuses; and other payments to be received from customers or other parties to compensate for the costs not included in the contractual price; other payments that customers agreed to compensate, and other payments provided that these amounts can change the revenue and can be reliably determined. Revenue from construction contracts is recognised in accordance with the guidance presented in Note 2.10.

(d) Revenue from operating lease

Revenue from operating lease is recorded on straight line basis over the lease terms.

(e) Interest income

Interest income is recognised on an earned basis.

(f) Dividend, profit distribution income

Income from dividend/profit distribution is recognised when the Corporation has established the receiving right from investees.

2.23. Cost of goods sold and services rendered

Cost of goods sold and services rendered are cost of merchandise, materials sold or services rendered during the year, and recorded on the basis of matching with revenue and on a prudence basis.

2.24. Financial expenses

Financial expenses are expenses incurred in the year for financial activities including expenses or losses relating to financial investment activities, expenses of borrowing, provision for diminution in value of investments in other entities, losses incurred when selling foreign currencies; and losses from foreign exchange differences.

2.25. Selling expenses

Selling expenses represent expenses that are incurred in the process of sales of goods, and rendering of services, which include: marketing

expenses, product introduction, product promotion, sales commission and other sales expenses.

2.26. General and administration expenses

General and administration expenses represent expenses for administrative purposes which include salary expenses of administrative staff; social insurance, medical insurance, labour union fees, unemployment insurance of administrative staff; expenses of office materials; tools and supplies; depreciation and amortisation of fixed assets used for administration; land rental; licence tax; provision for bad debts; outside services and other expenses.

2.27. Current and deferred income tax

Income taxes include all income taxes which are based on taxable profits including profits generated from production and trading activities in other countries with which the Socialist Republic of Vietnam has not signed any double taxation agreement. Income tax expense comprises current income tax expense and deferred income tax expense.

Current income tax is the amount of income taxes payable or recoverable in respect of the current year taxable profits at the current year tax rates. Current and deferred tax should be recognised as an income or an expense and included in the profit or loss of the year, except to the extent that the tax arises from a transaction or event which is recognised, in the same or a different year, directly in equity.

Deferred income tax is provided in full, using the liability method, on temporary differences arising between the tax bases of assets and liabilities and their carrying amounts in the consolidated financial statements. Deferred income tax is not accounted for if it arises from initial recognition of an asset or liability in a transaction other than a business combination that at the time of occurrence affects neither the accounting nor the taxable profit or loss. Deferred income tax is determined at the tax rates that are expected to apply to the financial year when the asset is realised or the liability is settled, based on tax rates that have been enacted or substantively enacted by the consolidated balance sheet date.

Deferred income tax assets are recognised to the extent that it is probable that future taxable profit will be available against which the temporary differences can be utilised.

Deferred tax assets and liabilities are offset when there is a legally enforceable right to set off current tax assets against current tax liabilities and when they relate to income taxes levied by the same tax authority and the Corporation intends to settle its current tax assets and liabilities on a net basis.

The determination of the tax currently payable is based on the current interpretation of tax regulations. However, these regulations are subject to periodic variation and their ultimate determination depends on the results of the tax authorities' examinations.

2.28. Related parties

Enterprises and individuals that directly, or indirectly through one or more intermediaries, control, or are controlled by, or are under common control with, the Corporation, or owning, directly or indirectly, an interest in the voting power of the Corporation that gives them significant influence over the Corporation, including key management personnel and close members of the family of these individuals and companies associated with these individuals also constitute related parties.

In considering the related party relationship with each related party, the Corporation considers the substance of the relationship not merely the legal form.

2.29. Segment reporting

A segment is a component which can be separated by the Corporation engaged in sales of goods or rendering of services ("business activity segment"), or sales of goods or rendering of services within a particular economic environment ("geographical segment"). Each segment is subject to risks and returns that are different from those of other segments. A reportable segment is the Corporation's business segment.

Segment reporting is prepared and presented in accordance with accounting policies applied to the

preparation and presentation of the Corporation's consolidated financial statements in order to help users of consolidated financial statements understand and evaluate the Corporation's operations in a comprehensive way.

2.30. Accounting estimates

The preparation of consolidated financial statements in conformity with Vietnamese Accounting Standards, the Vietnamese Corporate Accounting System and applicable regulations on preparation and presentation of consolidated financial statements requires the Board of Management to make estimates and assumptions that affect the reported amounts of assets, liabilities and disclosures of contingent assets and liabilities at the date of the consolidated financial statements and the reported amounts of revenues and expenses during the accounting period.

Such estimates and assumptions are continually evaluated. They are based on historical experience and other factors, including expectations of future events that may have financial impacts on the Corporation and that are believed to be reasonable under the circumstances by the Board of Management.

3. CASH AND CASH EQUIVALENTS

	2022	2021
	VND	VND
Cash on hand	9,203,959,093	8,081,845,815
Cash in banks	3,679,704,682,612	3,475,359,795,561
Cash in transit	227,726,345	427,147,855
Cash equivalent (*)	1,530,242,131,244	2,263,408,622,600
	5,219,378,499,294	5,747,277,411,831

(*) Cash equivalents include term deposits in VND at banks with the original maturity of three months or less and earn interest at the average rates from 1% to 6% per annum (as at 31 December 2021: from 2% to 4.6% per annum).

4. INVESTMENTS

(a) Short-term Investment held-to-maturity

	2022		2021	
	Cost	Book value	Cost	Book value
	VND	VND	VND	VND
Term deposits	4,837,330,575,989	4,837,330,575,989	2,676,700,567,303	2,676,700,567,303

Term deposits include bank deposits in VND with the remaining maturity of not more than 12 months and earn interest at the rate from 3.5% to 10.3% per annum (as at 31 December 2021: from 2.8% to 6.55% per annum).

(b) Long-term investments

	2022		2021	
	Cost	Book value	Cost	Book value
	VND	VND	VND	VND
Investments in associates and joint ventures (i)	1,624,677,039,235	4,900,733,639,663	1,624,677,039,235	4,824,330,619,445
Investments in other entities (ii)	31,125,000,000	31,125,000,000	41,655,000,000	(24,758,595,673)
	1,655,802,039,235	4,931,858,639,663	1,666,332,039,235	4,865,985,619,445
				(24,758,595,673)

(i) Investment in associates and joint ventures

Details of investments in associates and joint ventures are as follows:

No	Name	2022			2021		
		Cost	Book value	Fair value	Cost	Book value	Fair value
		VND	VND	VND	VND	VND	VND
1	Rong Doi MV12 Private Limited (i)	106,022,400	-	(*)	106,022,400	-	(*)
2	Malaysia Vietnam Offshore Terminal (Labuan) Limited (ii)	292,324,455,887	1,918,999,285,578	(*)	292,324,455,887	1,716,765,047,707	(*)
3	Vietnam Offshore Floating Terminal (Ruby) Limited (iii)	156,473,118,448	1,110,441,811,262	(*)	156,473,118,448	1,068,022,437,067	(*)
4	PTSC South East Asia Private Limited (iv)	340,800,232,500	950,599,205,954	(*)	340,800,232,500	1,059,534,498,178	(*)
5	PTSC Asia Pacific Private Limited (v)	641,415,780,000	886,283,700,151	(*)	641,415,780,000	937,065,686,889	(*)
6	Petro Vietnam Marine Shipyard Joint Stock Company (vi)	171,957,430,000	-	(*)	171,957,430,000	-	(*)
7	Thi Vai General Port Joint Stock Company (vii)	21,600,000,000	34,409,636,718	(*)	21,600,000,000	42,942,949,604	(*)
		1,624,677,039,235	4,900,733,639,663		1,624,677,039,235	4,824,330,619,445	

Movement of investment in associates and joint ventures during the year are as follows:

	2022	2021
	VND	VND
Cost of investments	1,624,677,039,235	1,624,677,039,235
Profit sharing from associates and joint ventures:		
Beginning of the year	3,199,653,580,210	3,317,174,459,671
Profit sharing from investments in associates and joint ventures during the year (*)	657,204,081,658	506,796,118,343
Dividends received	(689,932,500,000)	(548,447,100,000)
Exchange rate differences from translating the financial statements during the period/year	109,131,438,560	(75,869,897,804)
End of the year	4,900,733,639,663	4,824,330,619,445

(*) Details of profits/(losses) sharing from investments in associates and joint ventures during the year are as follows:

	2022	2021
	VND	VND
Vietnam Offshore Floating Terminal (Ruby) Limited (iii)	431,545,021,382	417,834,486,284
Malaysia Vietnam Offshore Terminal (Labuan) Limited (ii)	149,242,046,794	165,778,622,729
PTSC Asia Pacific Private Limited (v)	121,600,790,793	(50,059,813,719)
Thi Vai General Port Joint Stock Company (vii)	(613,312,886)	10,705,651,494
PTSC South East Asia Private Limited (iv)	(44,570,464,425)	(37,462,828,445)
Rong Doi MV12 Private Limited (i)	-	-
	657,204,081,658	506,796,118,343

(*) As at 31 December 2022 and 31 December 2021, these are long-term investments that the Corporation intends to invest in the long run. As a result, the fair value of such investments may be different from their book value.

(continued)

(i) Rong Doi MV12 Private Limited is a jointly controlled venture company established between the Corporation and its partner, Modec Inc., and Mitsui Co., Ltd. (Both Modec, Inc. and Mitsui Co., Ltd are incorporated in Japan) in 2006 to invest in FSO "Rong Doi MV 12" with the capacity of 300,000 barrels of oil for Korea National Oil Corporation ("KNOC") to charter from 2007; to use for oil exploitation at Rong Doi – Rong Doi Tay fields, Blocks 11-2 offshore Vietnam. The lease term is 07 years fixed and is renewed each year until the expiry of the FSO's useful life. As at 31 December 2022 and 31 December 2021, the Corporation's capital contribution in Rong Doi MV12 Private Limited is USD6,600, equivalent to VND106,022,400.

(ii) Malaysia Vietnam Offshore Terminal (Labuan) Limited ("MVOT") is a jointly controlled venture company established between the Corporation and its partner, Malaysia International Shipping Corporation Berhad ("MISC"), in 2009 to:

- » invest in FSO "Orkid" with the capacity of 650,000 barrels of Repsol Oil & Gas Malaysia Limited renting for crude oil exploitation at PM-3 CAA field, offshore Malaysia in the commercial arrangement area between Malaysia and Vietnam from 2009 to 31 December 2027; and
- » invest in FSO "Golden Star" with the capacity of 654,717 barrels of oil to Idemitsu Gas Production Vietnam Company Limited renting for crude oil exploitation at the Sao Vang Dai Nguyet field, Blocks 05-1b & 05-1c offshore Vietnam with the 7-year duration since November 2020 to November 2027 and can be extended for another 8 years.

As at 31 December 2022 and 31 December 2021, the Corporation's capital contribution in MVOT is USD17,258,911, equivalent to VND292,324,455,887.

(iii) Vietnam Offshore Floating Terminal (Ruby) Limited ("VOFT") is a jointly controlled venture company established by MISC, from 2009, in which, the Corporation owns 60% of the charter capital to own, manage and operate the FPSO "Ruby II" for oil processing and exportation. From June 2010, FPSO "Ruby II" was put into oil and gas exploration and production of Petronas Carigali Vietnam Limited at Blocks 01&02 offshore the continental shelf of Vietnam till 9 September 2017. Since 10 September 2017, Vietnam Oil and Gas

Group replaced, received rights and obligations of Petronas Carigali Vietnam Limited for the contract with VOFT based on the agreement between Vietnam Oil and Gas Group and Petronas Carigali Vietnam Limited. As at 31 December 2022 and 31 December 2021, the Corporation's capital contribution in VOFT is USD8,784,000, equivalent to VND156,473,118,448.

(iv) PTSC South East Asia Private Limited ("PTSC SEA") is a jointly controlled venture company established by the Corporation and Yinson Holdings Berhad from 2011 under Foreign Investment Certificate No. 474/BKHDT-DTRNN issued by the Ministry of Planning and Investment dated 31 October 2011 to invest and supply FSO services (FSO "PTSC Bien Dong 01") for Branch of Vietnam Oil and Gas Group - Bien Dong POC about crude oil exploitation at Blocks 05.2 & 05.3 offshore the continental shelf of Vietnam. The total investment capital of the project is USD149,318,329, equivalent to VND3,071,478,027,530, in which the capital contributions of joint venture parties are USD37,329,582, taking up 25% of its investment capital, the remaining is borrowed capital. In 2022, following the internal reorganization within the Yinson Holdings Berhad group, Yinson Holdings Berhad already transferred all shares in PTSC SEA to Yinson Production Capital Private Limited (a sub-subsidiary company of Yinson Holdings Berhad), accordingly, Yinson Holdings Berhad already transferred all their rights and obligations in PTSC SEA to Yinson Production Capital Private Limited under the agreement among PTSC, Yinson Holdings Berhad, Yinson Production Offshore Private Limited and Yinson Production Capital Private Limited. As at 31 December 2022 and 31 December 2021, the Corporation's capital contribution in PTSC SEA is USD16,320,000, equivalent to VND340,800,232,500.

(v) PTSC Asia Pacific Private Limited ("PTSC AP") is a jointly controlled venture company established by the Corporation and Yinson Holdings Berhad from 2012 under the Foreign Investment Certificate No. 561/BKHDT-DTRNN dated 19 October 2012 issued by the Ministry of Planning and Investment to contribute to investment capital in floating storage, exportation and processing of oil (FPSO "PTSC Lam Son") for Lam Son Joint Operating Company (Lam Son JOC) rented for development services at Thang Long - Dong Do fields, Blocks 01/97 &

(continued)

02/97, in the Cuu Long basin offshore Vietnam until 30 June 2017. From 1 July 2017, Vietnam Oil and Gas Group/Petroleum Exploration and Production Corporation replaced, received rights and obligations of Lam Son JOC and continued to rent FPSO "PTSC Lam Son". The total investment capital of the project is USD429,977,481, equivalent to VND9,113,372,709,795, in which, the capital contribution of joint venture parties is USD119,996,426, accounting for 27.9% of total investment capital. In 2018, the two joint venture parties reduced the capital contribution into PTSC AP from USD100,000,000 to USD60,000,000 at the same voting right and ownership. In 2022, following the internal reorganization within the Yinson Holdings Berhad group, Yinson Holdings Berhad already transferred all shares in PTSC AP to Yinson Production Capital Private Limited (a sub-subsidiary company of Yinson Holdings Berhad), accordingly, Yinson Holdings Berhad already transferred all their rights and obligations in PTSC AP to Yinson Production Capital Private Limited under the agreement among PTSC, Yinson Holdings Berhad, Yinson Production Offshore Private Limited and Yinson Production Capital Private Limited. As at 31 December 2022 and 31 December 2021, the Corporation's contributed capital in PTSC AP is USD30,600,000 equivalent to VND641,415,780,000.

(vi) PetroVietnam Marine Shipyard Joint Stock Company is a joint stock company established under the Enterprise Registration Certificate No. 3500806844 dated 9 July 2007 issued by the Department of Planning and Investment of Ba Ria - Vung Tau Province with the registered charter capital of VND594,897,870,000. As at 31 December 2022 and 31 December 2021, the Corporation's contributed capital at PetroVietnam Marine Shipyard Joint Stock Company is VND171,056,430,000, accounting for 28.75% of charter capital.

(vii) Thi Vai General Port Joint Stock Company ("Thi Vai General Port") is a joint stock company established under the Enterprise Registration Certificate No. 3502259121 dated 21 July 2014 issued by the Department of Planning and Investment of Ba Ria - Vung Tau Province with the registered charter capital of VND60,000,000,000. According to Thi Vai General Port's Enterprise Registration Certificate, PTSC Phu My Port Joint Stock Company - a subsidiary, holds 36% charter capital of Thi Vai General Port. Therefore, the Corporation indirectly owns 21.46% charter capital of Thi Vai General Port. Hence, Thi Vai General Port is an associate of the Corporation according to current prevailing accounting regulations.

(ii) Investments in other entities

Details of investments in other entities are as follows:

No	Name	2022			2021		
		Cost	Provision	Fair value	Cost	Provision	Fair value
		VND	VND	VND	VND	VND	VND
1	Nhon Trach Shipyard Joint Stock Company	3,000,000,000	(819,246,567)	(*)	3,000,000,000	(810,237,811)	(*)
2	Duyen Hai Petro Construction Investment Joint Stock Company	28,125,000,000	(13,348,151,969)	(*)	28,125,000,000	(13,418,357,862)	(*)
3	High Tech Concrete Investment Joint Stock Company (*)	-	-	(*)	10,530,000,000	(10,530,000,000)	(*)
		31,125,000,000	(14,167,398,536)		41,655,000,000	(24,758,595,673)	

(*) As at 31 December 2022 and 31 December 2021, this is a long-term investment that the Corporation intends to invest in the long run. As a result, the fair value of such investment may be different from its book value.

(**) According to Decision No. 01/2021/QĐ - TBP on 29 November 2021 of the People's Court of Nhon Trach district, Dong Nai province has declared bankruptcy for High Tech Concrete Investment Joint Stock Company. Accordingly, Sao Mai Ben Dinh Investment Joint Stock Company (a subsidiary of the Corporate which invested in High Tech Concrete Joint Stock Company) has decided to use the provision for long-term investments to cover all losses for this investment and written off its investment in High Tech Concrete Investment Joint Stock Company according to the Resolution of the shareholders No. 23/NQ - SMĐĐ - ĐHĐCĐ dated 15 April 2022.

Movement of provision for diminution in value of long-term investments during the year was as follows:

	2022	2021
	VND	VND
Beginning of year	24,758,595,673	22,740,306,198
(Reversal of provisions)/provision (Note 35)	(61,197,137)	2,018,289,475
Written-off	(10,530,000,000)	-
End of year	14,167,398,536	24,758,595,673

5. SHORT-TERM TRADE ACCOUNTS RECEIVABLE

Movement of provision for diminution in value of long-term investments during the year was as follows:

	2022	2021
	VND	VND
Third parties		
TPSK Consortium	255,380,294,767	297,761,391,378
North Oil Company	226,188,814,534	84,382,055,890
Operating Office of Idemitsu Gas Production (Vietnam) Co., Ltd. in Ho Chi Minh City	101,727,334,015	252,496,624,027
Daewoo Shipbuilding & Marine Engineering Company Limited	87,381,716,912	6,521,167,415
Operating Office of Premier Oil Vietnam Offshore B.V. in Ho Chi Minh City	46,479,111,718	18,934,669,505
Hyundai Heavies Industries	42,978,194,772	20,878,755,920
Technip Geoproduction (M) Sdn Bhd	42,344,509,025	357,961,449
GE Power Systems Vietnam Company Limited	29,079,843,417	32,902,457,057
Japan Vietnam Petroleum Company Limited	23,910,629,839	18,404,729,002
EGL Waste Services Proprietary Company	23,291,802,936	-
Allianz Marine Services LLC	23,228,572,500	-
Boilermaster Vietnam Company Limited	19,721,049,165	-
GE Global Parts & Products GmbH	19,349,756,022	-
Nam Song Hau Trading Investing Petroleum Joint Stock Company	19,191,122,405	-
Korea National Oil Corporation	18,122,645,268	17,799,964,620
Cuu Long Joint Operating Company	17,187,538,609	24,999,950,417
Chevron Thailand Exploration and Production Limited	16,729,461,379	195,017,834,095
Minh Anh Construction Joint Stock Company	16,669,265,711	16,669,265,711

	2022	2021
Enterprize Energy Private Limited	16,252,738,735	4,943,452,603
Ponticelli Upstream LLC	14,323,184,232	-
Thoresen Vinama Logistics Company Limited	1,379,494,800	21,000,209,718
Sapura Fabricatio Sdn Bhd	-	33,969,673,393
Others	437,943,513,289	486,186,332,234
	1,498,860,594,050	1,533,226,494,434
Related parties (Note 41(b))	2,659,505,006,690	2,472,547,273,372
	4,158,365,600,740	4,005,773,767,806

As at 31 December 2022 and as at 31 December 2021, the balances of short-term trade accounts receivable which were past due were made provision of doubtful debts as presented in Note 9.

6. PREPAYMENTS TO SUPPLIERS

(a) Short-term

	2022	2021
	VND	VND
Third parties		
Vietnam Machinery Installation Corporation	100,613,950,134	100,613,950,134
Kocks Ardelt Kranbau GmbH	44,816,994,964	13,065,328,864
My Dung Mechanical Company Limited	20,945,574,000	-
SCI E&C Joint Stock Company	13,588,401,409	13,728,101,409
Toan Thang Engineering Corporation	9,542,076,250	564,232,536
Electronics Communications Technology Investment Development Corporation	8,006,087,689	8,006,087,689
Bach Dang Thang Long Joint Stock Company	7,880,461,392	7,880,461,392
Binh Minh Power Development Company Limited	6,758,539,600	-
Vinaconex 7	1,237,987,712	13,812,212,195
Black Cat Insulation Technical Joint Stock Company	-	16,246,344,703
Others	89,297,995,237	115,110,595,460
	302,688,068,387	289,027,314,382
Related parties (Note 41(b))	3,280,079,763	2,225,926,853
	305,968,148,150	291,253,241,235

As at 31 December 2022 and 31 December 2021, there was no balances of short-term prepayments to suppliers was past due or was past due but doubtful.

(b) Long-term

	2022	2021
	VND	VND
Others	485,669,637	22,898,287,338

As at 31 December 2022 and 31 December 2021, the Corporation do not have balances of long-term prepayments to suppliers was past due or was past due but doubtful.

7. CONSTRUCTION CONTRACTS-IN-PROGRESS RECEIVABLES/PAYABLES

	2022	2021
	VND	VND
Construction contracts-in-progress receivables	69,968,946,447	79,509,916,775
Construction contracts-in-progress payables	(17,741,336,460)	(230,585,550,110)
	52,227,609,987	(151,075,633,335)
In which:		
Accumulated contract costs incurred plus recognized profits less recognized losses	8,090,392,632,584	6,169,938,706,844
Amount of progress billings	(8,038,165,022,597)	(6,321,014,340,179)
	52,227,609,987	(151,075,633,335)

Details of construction contracts-in-progress receivables/payable by projects are as follows:

	2022	2021
	VND	VND
Receivables		
Sao Vang - Dai Nguyet pipeline project	66,657,433,451	-
NPK project	3,311,512,996	11,927,115,975
LNG Thi Vai warehosue EPC project	-	67,582,800,800
	69,968,946,447	79,509,916,775

	2022	2021
Payables		
Southern Petrochemical complex project	17,741,336,460	107,783,812,138
Sao Vang - Dai Nguyet pipeline project	-	122,801,737,972
	17,741,336,460	230,585,550,110

8. OTHER RECEIVABLES

(a) Short-term

	2022		2021	
	Cost	Provision	Cost	Provision
	VND	VND	VND	VND
Accrued revenue from rendering of service				
Sao Vang - Dai Nguyet pipeline project	204,294,220,794	-	-	-
Daewoo Shipbuilding & Marine Engineering Company Limited	42,917,553,000	-	-	-
Nghi Son Refining and Petrochemical Company Limited	24,394,736,436	-	12,188,084,868	-
Hibiscus Oil & Gas Malaysia Limited	22,423,561,125	-	-	-
Technip Geoproduction (M) SDN BHD	17,251,709,860	-	-	-
The Operating Office of Idemitsu Gas Production (Vietnam) Co., Ltd	13,944,392,121	-	-	-
PTSC Ca Rong Do Limited	-	-	167,778,181,818	-
PetroVietnam Exploration Production Corporation Limited	-	-	10,047,098,575	-
LONGSBS Joint Stock Company	-	-	15,352,971,376	-
PTTEP International Limited	-	-	16,498,055,302	-
Others	66,424,963,300	-	44,631,384,892	-
Accrued interest income	79,626,280,883	-	37,174,931,265	-

	2022		2021	
	Cost	Provision	Cost	Provision
	VND	VND	VND	VND
Deposits	39,472,889,833	-	33,416,954,634	-
VAT not yet deducted	35,031,435,403	-	30,237,827,359	-
Receivables from contract penalties	30,702,486,737	-	6,219,161,494	-
Advances	14,689,285,135	-	13,955,469,103	-
Others	65,656,564,712	(539,678,779)	47,983,017,467	(3,339,526,892)
	656,830,079,339	(539,678,779)	435,483,138,153	(3,339,526,892)

As at 31 December 2022 and 31 December 2021, the balances of other short-term receivables which were past due were made provision of doubtful debts as presented in Note 9.

(b) Long-term

	2022	2021
	VND	VND
Deposits	111,796,610,223	135,792,313,470
Others	11,540,550,273	16,489,200,228
	123,337,160,496	152,281,513,698

Details of other receivables by type of customers are as follows:

	2022	2021
	VND	VND
Short-term		
Third parties	587,586,559,959	303,229,345,490
Related parties (Note 41(b))	69,243,519,380	132,253,792,663
	656,830,079,339	435,483,138,153
Long-term		
Third parties	123,337,160,496	152,281,513,698

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS

(continued)

Form B 09 – DN/HN

		2022		
		Cost	Recoverable amount	Provision
		VND	VND	VND
Short-term trade account receivable				
Third parties				
Sai Gon Offshore Fabrication and Engineering Limited		13,531,918,730	-	(13,531,918,730)
Berlanga Myanmar Private Limited		11,640,833,613	-	(11,640,833,613)
Marsol Offshore Construction LLC		7,554,500,377	-	(7,554,500,377)
Others		34,897,895,336	12,391,717,124	(22,506,178,212)
		67,625,148,056	12,391,717,124	(55,233,430,932)
Related parties				
PetroVietnam Fertilizer and Chemicals Corporation		52,771,243,442	21,424,354,455	(31,346,888,987)
PetroVietnam Domestic Exploration Production Operating Company Limited		24,204,947,715	431,474,670	(23,773,473,045)

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS

(continued)

Form B 09 – DN/HN

		2022		
		Cost	Recoverable amount	Provision
		VND	VND	VND
Other short-term receivables				
Third parties				
Operating Office of Eni Vietnam B.V. in Ho Chi Minh City		26,723,500	18,706,450	(8,017,050)
Related parties				
Duyen Hai Petrovietnam Investment and Construction Joint Stock Company		3,341,560,613	2,809,898,884	(531,661,729)
		3,341,560,613	2,809,898,884	(531,661,729)
		223,577,256,508	75,920,349,617	(147,656,906,891)

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS
(continued)

Form B 09 – DN/HN

	2021			
	Cost	Recoverable amount	Provision	Overdue
	VND	VND	VND	
Short-term trade account receivable				
Third parties				
Berlanga Myanmar Private Limited	13,606,079,660	6,759,006,477	(6,847,073,183)	Over 3 years
Sai Gon Offshore Fabrication and Engineering Limited	13,531,918,730	-	(13,531,918,730)	Over 3 years
Marsol Offshore Construction L.L.C	11,641,505,712	672,099	(11,640,833,613)	Over 1 year - Under 3 years
Others	112,750,975,972	74,944,030,837	(37,806,945,135)	Over 6 months - Over 3 years
	151,530,480,074	81,703,709,413	(69,826,770,661)	
Related parties				
Petrovietnam Fertilizer and Chemicals Corporation	68,416,092,099	35,162,060,575	(33,254,031,524)	Over 1 year - Over 3 years
PetroVietnam Domestic Exploration Production Operating Company Limited	37,369,296,504	8,865,219,165	(28,504,077,339)	Over 2 years - Over 3 years

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS
(continued)

Form B 09 – DN/HN

	2021			
	Cost	Recoverable amount	Provision	Overdue
	VND	VND	VND	
Other short-term receivables				
Related parties				
Duyen Hai Petrovietnam Investment and Construction Joint Stock Company	3,642,003,000	858,674,000	(2,783,329,000)	Over 6 months - Over 3 years
Others	971,195,501	414,997,609	(556,197,892)	Over 6 months - Over 3 years
	4,613,198,501	1,273,671,609	(3,339,526,892)	
	373,952,419,100	204,385,601,672	(169,566,817,429)	

10. INVENTORIES

(a) Inventories

	2022		2021	
	Book value	Provision	Book value	Provision
	VND	VND	VND	VND
			(As restated - Note 45)	
Goods in transits	4,575,537,419	-	17,459,964,469	-
Raw materials	487,166,345,056	(1,950,254,388)	317,084,388,344	(2,191,166,161)
Tools and supplies	33,962,050,503	-	39,612,745,455	-
Work-in-progress (*)	483,780,382,516	-	1,727,593,388,708	-
Merchandise	4,685,427,237	-	3,504,025,621	-
	1,014,169,742,731	(1,950,254,388)	2,105,254,512,597	(2,191,166,161)

(*) Work in progress represents the cost incurred in relation to services and projects as below:

	2022	2021
	VND	VND
		(As restated - Note 45)
Southern Petrochemical complex project	133,706,746,341	153,653,341,964
Gallaf project - Phase 1	73,661,271,292	491,631,126,125
GE structural steel fabrication project	55,352,712,974	34,975,771,970
Long Phu 1 Thermal Power Plant project	29,495,548,939	19,651,465,611
LNG Thi Vai warehouse EPC project	25,700,524,450	86,116,992,560
Gallaf project - Phase 3	25,040,610,200	10,572,637,253
Designing, purchasing and manufacturing for SAT DSV campaign - Thailand project	19,213,272,854	-
Mai Dam - Hau Giang petroleum storage project	16,760,417,816	-
Supply of FPSO services	5,834,421,896	12,575,577,235

	2022	2021
Sao Vang - Dai Nguyet project	-	646,018,678,266
Sao Vang - Dai Nguyet pipeline project	-	202,475,155,036
Others	99,014,855,754	69,922,642,688
	483,780,382,516	1,727,593,388,708

Movements of provision for decline in value of inventories during the year is as follows:

	2022	2021
	VND	VND
Beginning of year	2,191,166,161	62,052,324,254
Reversal of provision	(240,911,773)	(59,861,158,093)
End of year	1,950,254,388	2,191,166,161

(b) Long-term substituted equipment, supplies and spare parts

Long-term substituted equipment, supplies and spare parts represent the value of substituted equipment, supplies and spare parts used for maintenance of vehicles whose plans is more than 12 months.

11. PREPAID EXPENSES

(a) Short-term

	2022	2021
	VND	VND
Insurance	15,007,057,413	15,374,902,246
Tools and supplies	11,865,749,785	11,777,860,629
Land rental	4,519,129,429	4,787,092,096
Repair and maintenance	975,447,496	559,300,792
Others	5,627,026,521	5,706,546,784
	37,994,410,644	38,205,702,547

(b) Long-term

	2022	2021
	VND	VND
Office rental at Head Office, No. 1-5 Le Duan Street	263,185,980,666	270,158,138,070
Repair and maintenance	109,597,249,468	84,130,616,375
Land rental in Dinh Vu port	103,454,161,157	107,720,312,129
Site clearance cost at Son Tra port	87,625,978,026	90,114,098,310
Tools and supplies	42,809,607,265	31,981,257,533
Cost of dredging Vung Tau Port	13,935,073,219	-
Factory rental at Vung Tau port	6,457,544,100	13,522,045,426
Others	20,272,827,930	13,152,739,776
	647,338,421,831	610,779,207,619

12. OTHER CURRENT ASSETS

As presented in Note 2, the financial statements for the year ended 31 December 2022 and the financial statements for the year ended 31 December 2021 of PTSC CGGV were prepared on liquidation basis accordingly. As at 31 December

2022, net realisable value of PTSC CGGV's asset was VND136,363,636 (as at 31 December 2021: VND25,613,516,364) and classified as other current assets on consolidated balance sheet.

13. FIXED ASSETS

(a) Tangible fixed assets

	Buildings and structures	Machinery and equipment	Vehicles	Office equipment	Others	Total
	VND	VND	VND	VND	VND	VND
Historical cost						
As at 1 January 2022	3,557,800,213,557	2,590,316,592,679	5,651,302,690,111	204,452,752,247	114,473,472,843	12,118,345,721,437
New purchases	34,716,169,519	120,011,707,458	260,163,874,798	46,755,171,217	363,000,000	462,009,922,992
Transfers from construction in progress (Note 15)	12,674,870,204	1,923,096,783	-	-	-	14,597,966,987
Others increases	6,660,973,803	-	-	726,264,000	45,890,954	7,433,128,757
Disposals	(1,438,511,530)	(2,466,504,613)	(164,556,420,138)	(3,790,160,932)	-	(172,251,597,213)
Reclassification	(12,699,211,386)	-	-	12,699,211,386	-	-
Others decreases	-	(4,722,080,351)	(24,483,325,243)	-	-	(29,205,405,594)
As at 31 December 2022	3,597,714,504,167	2,705,062,811,956	5,722,426,819,528	260,843,237,918	114,882,363,797	12,400,929,737,366
Accumulated depreciation						
As at 1 January 2022	2,454,118,866,667	1,862,542,962,606	4,596,380,216,080	184,620,900,725	43,275,362,145	9,140,938,308,223
(As restated - Note 45)						

	Buildings and structures	Machinery and equipment	Vehicles	Office equipment	Others	Total
	VND	VND	VND	VND	VND	VND
Charge for the year	89,953,882,529	151,169,793,448	197,057,677,214	16,480,053,328	4,313,086,400	458,974,492,919
Others increases	-	-	-	110,890,923	-	110,890,923
Disposals	(344,211,677)	(1,608,679,728)	(164,556,420,138)	(3,790,160,932)	-	(170,299,472,475)
Reclassification	(12,699,211,386)	-	-	12,699,211,386	-	-
Others decreases	(371,528,019)	(1,540,270,142)	(46,883,109)	-	-	(1,958,681,270)
As at 31 December 2022	2,530,657,798,114	2,010,563,806,184	4,628,834,590,047	210,120,895,430	47,588,448,545	9,427,765,538,320

Net book value

As at 1 January 2022	1,103,681,346,890	727,773,630,073	1,054,922,474,031	19,831,851,522	71,198,110,698	2,977,407,413,214
(As restated - Note 45)						
As at 31 December 2022	1,067,056,706,053	694,499,005,772	1,093,592,229,481	50,722,342,488	67,293,915,252	2,973,164,199,046

The historical cost of fully depreciated tangible fixed assets but still in use as at 31 December 2022 was VND6,513 billion (as at 31 December 2021: VND5,653 billion).

As at 31 December 2022, the historical cost of tangible fixed assets formed from borrowings pledged as collateral assets for the borrowings of the Corporation (as presented in Note 23) is VND1,772 billion (as at 31 December 2021: VND1,590 billion).

(b) Intangible fixed assets

	Land use right	Software	Others	Total
	VND	VND	VND	VND
Historical cost				
As at 1 January 2022	1,473,220,117	123,943,378,889	1,839,261,714	127,255,860,720
New purchases	-	8,486,847,446	320,000,000	8,806,847,446
Transfers from construction in progress (Note 15)	-	2,550,000,000	-	2,550,000,000
Others increases (Note 15) (*)	49,953,879,029	-	-	49,953,879,029
Disposal	(163,000,117)	(404,522,500)	-	(567,522,617)
As at 31 December 2022	51,264,099,029	134,575,703,835	2,159,261,714	187,999,064,578
Accumulated amortisation				

	Land use right	Software	Others	Total
	VND	VND	VND	VND
As at 1 January 2022	405,804,250	111,676,854,740	1,839,261,714	113,921,920,704
Charge for the year	26,204,400	7,329,827,961	106,666,674	7,462,699,035
Disposal	-	(404,522,500)	-	(404,522,500)
As at 31 December 2022	432,008,650	118,602,160,201	1,945,928,388	120,980,097,239
Net book value				
As at 1 January 2022	1,067,415,867	12,266,524,149	-	13,333,940,016
As at 31 December 2022	50,832,090,379	15,973,543,634	213,333,326	67,018,967,339

(*) Others increases mainly come from the payment of long-term land use fee of Lot 1838.9m2 at 266 Le Loi Street, Ward 7, Vung Tau based on the transfer of cadastral information No. 130/VPĐKQSDĐ dated February 22, 2011 of the Land Use Right Registration Office of Ba Ria Vung Tau province, the Land-Use Change No. 236/QĐ-UBND on January 25th, 2021, the decision approving the specific land price No. 3879A/QĐ-UBND dated November 12th, 2021 of the People's Committee of Ba Ria Vung Tau province and the notice of payment of house and land registration fee on November 29th, 2021 of the Tax Department in Ba Ria Vung Tau province.

The historical cost of fully amortised intangible fixed assets but still in use as at 31 December 2022 was VND111 billion (as at 31 December 2021: VND103 billion).

14. INVESTMENT PROPERTIES

Details of investment properties are presented as follows

	2022	2021
	VND	VND
Investment properties hold for leasing:		
Infrastructure project - 39.8 hectare	96,923,514,168	98,911,251,276
Infrastructure project - 23 hectare	72,206,718,603	74,954,253,351
	169,130,232,771	173,865,504,627

Investment properties mainly include:

- » Infrastructure Project - 39.8 square hectare with historical cost of VND131,881,668,267 being depreciated under straight line method over rental period of 48 years; and
- » Infrastructure Project - 23 square hectare with historical cost of VND97,399,118,187 being depreciated under straight line method over rental period of 49 years.

For the year ended 31 December 2022, revenue incurred from investment properties is VND 5,203,799,784 (in the year 2021: VND 5,203,799,784). Direct expenses incurred from investment properties leasing for the year ended 31 December 2022 (including tools and supplies, utilities, management fee) are VND 4,735,271,856 (in the year 2021: VND 4,735,271,856)

Movement of investment properties during the year is as follows:

	Infrastructure
	VND
Historical cost	
As at 1 January 2022	
and 31 December 2022	229,280,786,454
Accumulated depreciation	
As at 1 January 2022	55,415,281,827
Charge for the year	4,735,271,856
As at 31 December 2022	60,150,553,683
Net book value	
As at 1 January 2022	173,865,504,627
As at 31 December 2022	169,130,232,771

The Corporation does not have sufficient information of similar investment properties as the basis to compare fair value of these investment properties so the fair value as at 31 December 2022 is not presented on consolidated

financial statements. However, given the occupancy rate of these properties, in the view of the Board of Management, the market value of these properties is higher than the net book values at the consolidated balance sheet date.

15. CONSTRUCTIONS IN PROGRESS

(a) Long-term work in progress

Details of long-term work-in-progress are as follows:

	2022		2021	
	Cost	Recoverable amount	Cost	Recoverable amount
	VND	VND	VND	VND
Long Phu 1 Thermal Power Plant project (i)	301,308,440,489	-	301,308,440,489	-
Bio Ethanol project (ii)	69,815,950,708	69,815,950,708	69,815,950,708	69,815,950,708
	371,124,391,197	69,815,950,708	371,124,391,197	69,815,950,708

(i) Long-term work-in-progress of Long Phu 1 Thermal Power Plant Project represents the foreign design costs performed by Black & Veatch International ("the Contractor"). By the time of preparing the consolidated financial statements, the Corporation and the investor have not finalized the value of this cost. The Corporation has assessed the cost of long-term work-in-progress in the Inventory Assessment Minutes No. 07/BB-PTSCLP of the Inventory Assessment Council – Work-in-progress established under Decision No.0934/QD-PTSCLP dated 21 December 2017 and made provision for net realizable value with total amount of VND301,308,440,489.

(ii) Long-term work-in-progress of Bio Ethanol Project represents the work-in-progress of Dung Quat Bio-Ethanol Fuel Factory Project. The construction of infrastructure has been completed and handed over to its investor - Vietnam Central Biofuels Joint Stock Company. By the reporting date of those consolidated financial statements, both parties are working to finalize the value of the contract. As at 31 December 2022, the balance of long-term work-in-progress of VND69,815,950,718, equivalent to 5% of contract value, will be recognized in the income consolidated financial statements after completion of finalisation and remaining revenue will be recognized at the same time. Accordingly, the recoverable value will depend on the finalisation of the contract. By the time of the consolidated financial statements, the Corporation and the investor have not completed the finalisation of the contract.

(b) Construction in progress

Details of construction in progress are presented as follows:

	2022	2021
	VND	VND
Construction of marine service base at Sao Mai - Ben Dinh	39,077,291,806	35,101,032,941
Building for operation and expansion of Nghi Son port project	14,205,945,582	-
Mechanical workshop expansion project in Dung Quat	8,948,032,336	-
System of generator at PTSC M&C	8,405,832,400	-
Cargo yard at Phu My port	7,195,094,533	-
Project to embellish the landscape in front of Dung Quat General Petroleum Service area	5,880,355,437	5,880,355,437
Land use right of Lot 1838.9 square meter at 266 Le Loi, Vung Tau City	-	49,463,685,500
Others	18,430,506,106	23,509,285,750
	102,143,058,200	113,954,359,628

Movement in construction in progress during the year is as follows:

	2022	2021
	VND	VND
Beginning of year	113,954,359,628	166,003,418,817
New purchases	55,290,544,588	229,323,881,770
Transfers to tangbile fixed assets (Note 13(a))	(14,597,966,987)	(281,372,940,959)
Transfers to intangbile fixed assets (Note 13(b))	(52,503,879,029)	-
End of year	102,143,058,200	113,954,359,628

16. DEFERRED INCOME TAX

Details of deferred income tax are presented as follows:

	2022	2021
	VND	VND
Deferred income tax assets:		
Deferred income tax assets to be recovered after 12 months	338,197,955,965	477,030,804,692
Deferred income tax liabilities:		
Deferred income tax liabilities to be repaid after 12 months	(716,322,166,782)	(749,280,589,891)
Deferred income tax liabilities to be repaid within 12 months	(47,934,959,141)	(83,530,153,899)
	(764,257,125,923)	(832,810,743,790)

Movements in the deferred income tax, taking into consideration the offsetting of balances within the same tax jurisdiction during the year, were as follows:

	2022	2021
	VND	VND
Deferred income tax assets	477,030,804,692	337,988,470,122
Deferred income tax liabilities	(832,810,743,790)	(804,489,461,046)
Beginning of year	(355,779,939,098)	(466,500,990,924)
Charge to consolidated income statements	(70,279,230,860)	110,721,051,826
End of year	(426,059,169,958)	(355,779,939,098)
In which:		
Deferred income tax assets	338,197,955,965	477,030,804,692
Deferred income tax liabilities	(764,257,125,923)	(832,810,743,790)

Deferred income tax mainly arises from the temporary differences of the following items:

	2022	2021
	VND	VND
Accruals and provisions	268,165,211,724	381,018,014,842
Tax losses not yet utilised	33,732,254,026	-
Profit sharing from associates and joint ventures	(525,118,026,591)	(554,067,854,137)
Reversal of provision for investments	(191,204,140,191)	(195,212,735,754)
Unrealised foreign exchange difference	(7,764,134,455)	9,821,024,379
Others	(3,870,334,471)	2,661,611,572
	(426,059,169,958)	(355,779,939,098)

The Corporation uses tax rate of 20% to determine deferred income tax

Deferred income tax assets are recognised to the extent that it is probable that future taxable profit will be available against which the temporary differences can be utilised.

The Corporation's tax losses can be carried forward to offset against future taxable income

for a maximum period of no more than five consecutive years from the year right after the year in which the loss was incurred. The actual amount of tax losses that can be carried forward may be different from the figures presented. The estimated amount of tax losses available for offset against the Corporation's future taxable income is:

Year of tax losses	Losses incurred	Losses utilised	Losses carried forward
	VND	VND	VND
Year 2017	120,559,346,350	11,299,309,508	-
Year 2018	1,148,231,854,546	669,900,165	1,147,561,954,381
Year 2019	572,038,836,697	-	572,038,836,697
Year 2020	152,088,082,779	-	152,088,082,779
Year 2021	7,019,175,537	-	7,019,175,537
Year 2022	275,638,608,080	-	275,638,608,080

17. SHORT-TERM TRADE ACCOUNTS PAYABLE

	2022		2021	
	Value	Able-to-pay amount	Value	Able-to-pay amount
	VND	VND	VND	VND
Third parties				
Velocity Energy Private Limited	439,549,116,086	439,549,116,086	68,588,751,616	68,588,751,616
CGG Services SA Pte Ltd	117,750,571,539	117,750,571,539	113,731,272,637	113,731,272,637
CGG Veritas Services (Singapore) Pte Ltd	113,352,838,715	113,352,838,715	109,483,652,058	109,483,652,058
Hai Duong Petroleum and Marine Corporation	99,000,847,583	99,000,847,583	44,197,707,828	44,197,707,828
CGG Marine B.V.	89,111,760,721	89,111,760,721	86,070,019,205	86,070,019,205
Kinergy Limited	74,365,505,885	74,365,505,885	31,079,520	31,079,520
Shelf Subsea Solutions Private Limited	73,818,277,611	73,818,277,611	70,141,248,588	70,141,248,588
Petroleum Technology Company W.L.L	62,038,525,499	62,038,525,499	141,624,671	141,624,671
Vietnam Machinery Installation Corporation - Joint Stock Company	59,992,827,687	59,992,827,687	59,992,827,687	59,992,827,687
AH&M Energy Services Private Limited	55,455,621,084	55,455,621,084	10,666,421,358	10,666,421,358
Thien Nam Subsea Services Joint Stock Company	51,147,820,449	51,147,820,449	1,980,000,000	1,980,000,000
Thien Nam Offshore Joint Stock Company	50,212,235,694	50,212,235,694	4,856,271,853	4,856,271,853
Asia Investment and Asset Management JSC (Ashico)	49,625,646,410	49,625,646,410	35,831,702,252	35,831,702,252
SCI E&C Joint Stock Company	45,772,580,686	45,772,580,686	45,912,280,686	45,912,280,686
Toan Thang Engineering Corporation	44,118,148,594	44,118,148,594	22,170,483,295	22,170,483,295
Sai Gon Shipyard Company Limited	42,062,400,000	42,062,400,000	42,062,400,000	42,062,400,000

	2022		2021	
	Value	Able-to-pay amount	Value	Able-to-pay amount
	VND	VND	VND	VND
North East Sea Petroleum Transport Services Joint Stock Company	41,563,025,000	41,563,025,000	24,827,000,000	24,827,000,000
Ultra Deep Van Gogh Private Limited	32,707,108,833	32,707,108,833	121,008,007,292	121,008,007,292
Trelleborg Singapore Private Limited	29,586,257,883	29,586,257,883	-	-
Ba Son Corporation	29,362,325,348	29,362,325,348	-	-
Federal Hardware Engineering Company Private Limited	29,236,754,365	29,236,754,365	8,097,394,962	8,097,394,962
Ocean Works Asia Private Limited	28,646,155,965	28,646,155,965	27,668,347,860	27,668,347,860
Binh Minh Services and Energy Company Limited	28,472,470,643	28,472,470,643	13,424,341,876	13,424,341,876
Technip Vietnam Company Limited	26,826,934,604	26,826,934,604	8,064,698,212	8,064,698,212
South Viet New Spring Corporation	-	-	58,549,339,456	58,549,339,456
Technip Marine (M) Sdn Bhd	-	-	49,444,658,196	49,444,658,196
Rosemary Overseas Limited	-	-	35,491,642,920	35,491,642,920
Others	1,818,734,855,861	1,818,734,855,861	1,545,000,880,872	1,545,000,880,872
Related parties (Note 41(b))	3,532,510,612,745	3,532,510,612,745	2,607,434,054,900	2,607,434,054,900
	1,768,640,620,958	1,768,640,620,958	1,674,261,176,580	1,674,261,176,580
	5,301,151,233,703	5,301,151,233,703	4,281,695,231,480	4,281,695,231,480

As at 31 December 2022 and 31 December 2021, the Board of Management believes that the Corporation have sufficient finance to be able to fully repay all short-term trade accounts payable when they fall due.

18. ADVANCES FROM CUSTOMERS

(a) Short-term

	2022	2021
	VND	VND
Third parties		
Oil The General Department - The General Department of Logistics	23,804,431,928	-
Anh Phat Investment Construction - Trading Joint Stock Company	20,878,500,000	-
Yunnan (HongKong) Logistics Development Limited	16,117,443,493	17,540,255,268
Phu bia Mining Limited	13,819,167,108	8,030,885,544
TPSK Consortium	-	54,408,599,849
Main contractor of Vien An Wind Power Plant	-	19,190,325,000
Others	28,273,841,487	36,562,480,481
	102,893,384,016	135,732,546,142
Related parties (Note 41(b))	110,788,942,426	86,034,584,685
	213,682,326,442	221,767,130,827

(b) Long-term

Long-term advances from customers is mainly comprised of the value of:

- » The advances from Long Phu 1 Power Plant Project Management Board for the Long Phu 1 Thermal Plant project with the balance as at 31 December 2022 of VND781,044,054,435 (as at 31 December 2021: VND781,044,054,435) (Note 41(b)). By the time of this those consolidated financial statements, the Corporation and the investor have been working for finalisation minutes, therefore, the netting-off of receivable and payable balance of the investor has not been done yet.

19. TAX AND OTHER RECEIVABLES FROM/PAYABLES TO THE STATE

(a) Receivables

	2022	2021
	VND	VND
CIT overpaid	580,253,767	6,114,531,893
Personal income tax ("PIT") overpaid	1,880,109,440	2,427,238,283
Others overpaid	484,299,938	64,828,592
	2,944,663,145	8,606,598,768

(b) Payables

	2022	2021
	VND	VND
		(As restate - Note 45)
VAT	27,309,383,811	10,545,280,024
CIT	30,453,666,955	162,622,207,373
PIT	14,740,232,966	9,893,805,640
Others	26,369,861,503	19,737,545,978
	98,873,145,235	202,798,839,015

Movements of taxes and other receivables from/payables to the State during the year are as follows:	As at 1.1.2022	Payables during the year	As at 31.12.2022
	VND	VND	VND
	(As restated - Note 45)		
VAT on domestic goods	10,545,280,022	129,460,606,217	26,831,183,947
VAT on import goods	-	23,731,193,143	-
Import duties	-	4,112,703,234	-
CIT	156,921,445,666	158,908,973,294	29,873,413,188
PIT	7,466,567,357	170,834,567,069	12,860,123,526
Others	19,258,947,202	128,972,240,655	26,363,761,429
In which:	194,192,240,247	616,020,283,612	95,928,482,090
Tax and other receivables from the State	8,606,598,768		2,944,663,145
Tax and other payables to the State	202,798,839,015		98,873,145,235

20. SHORT-TERM ACCRUED EXPENSES

	2022	2021
	VND	VND
Cost of Hai Long offshore substation project	207,594,771,162	-
Cost of Southern Petrochemical complex project	162,402,290,044	38,810,450,468
Cost of Sao Vang Dai Nguyet pipeline project	112,369,105,600	14,259,026,057
Cost of Gallaf project - Phase 3	78,727,903,847	767,489,265,772
Cost of yard rental at Nghi Son - Thanh Hoa	45,000,000,000	40,000,000,000
Cost of LNG Thi Vai warehouse EPC project	36,282,719,944	4,729,162,365
Cost of DBN PWM project	34,872,836,686	-
Cost of SHWE Phase 3 Jacket project	32,016,538,543	72,615,143,923
Cost of Dung Quat Bio Ethanol project	27,726,930,636	27,726,930,636
Cost of supply technology service vessels	20,942,243,973	11,346,693,992
Cost of operation of FSO, FPSO	11,200,588,561	25,936,490,807
Cost of PVN15 project	10,868,089,857	10,626,044,225
Cost of Nam Con Son 2 gas pipeline project	10,552,489,986	-
Cost of Thang Long wind power project	9,135,846,496	2,387,320,382
Cost of Tank cleaning project	9,009,397,500	-
Cost of supply FSO refrigerated LPG in the North of Vietnam	8,327,628,744	48,325,341,906
Cost of geological survey and subsea services	5,336,007,289	24,791,501,909
Frequent major repair expenditures	4,190,577,500	19,612,790,710
Cost of designing, purchasing and manufacturing for 2021-2022 SAT DSV campaign - Thai lan package	2,213,233,683	47,900,627,156
Others	73,297,810,866	55,251,609,295
	902,067,010,917	1,211,808,399,603

21. UNEARNED REVENUE

(a) Short-term

	2022	2021
	VND	VND
Infrastructure leasing services at Sao Mai Ben Dinh (ii)	5,203,799,784	5,203,799,784
Office leasing (iii)	2,752,200,000	12,042,250,000
Supply of vessels for Nghi Son Refinery and Petrochemicals plant (i)	-	17,272,727,261
Designing, purchasing and manufacturing for SAT DSV campaign Thailand (iv)	-	17,600,454,300
Others	2,751,454,292	5,646,047,092
	10,707,454,076	57,765,278,437

(b) Long-term

	2022	2021
	VND	VND
Infrastructure leasing services at Sao Mai Ben Dinh (ii)	180,664,363,928	185,868,163,712
Office leasing (iii)	9,823,800,000	1,685,750,000
	190,488,163,928	187,553,913,712

In which:

- (i) The unearned revenue of Nghi Son Refinery and Petrochemicals represents the advanced amount received from Nghi Son Refinery and Petrochemical Company Limited according to the Contract No. 037/2016/NSRP.OPE-PTSC dated 7 October 2016 on shipbuilding, using vessels and maritime services in 15 years since 2019. The balance of this unearned revenue was completely allocated at 31 December 2022.
- (ii) Unearned revenue for leasing of infrastructure Sao Mai - Ben Dinh represents the advanced amount received for leasing the infrastructure and land at Infrastructure Project - 39.8 square hectare and Infrastructure Project - 23 square hectare of Sao Mai - Ben Dinh Marine Petroleum Services Base in Vung Tau City. This unearned revenue is allocated into the consolidated financial statements with under the straight-line method over the rental period of 48 years and 49 years, respectively.
- (iii) Office leasing represents the amount of the advance payment for office leasing at Petro Hotel Company Limited which would be allocated to the Corporation's results of operation for the leasing period ranging from 10 to 15 years.
- (iv) The balance of this unearned revenue was completely allocated at 31 December 2022.

22. OTHER PAYABLES

(a) Short-term

	2022	2021
	VND	VND
Vietnam Shipbuilding Industry Corporation (i)	430,146,510,262	414,334,908,728
Employee payables	39,979,099,469	34,297,622,077
Fines penalty	24,483,325,243	-
Dividend payables	17,990,739,344	20,292,705,013
Compulsory insurance	2,044,665,969	11,373,787,948
Others	79,281,126,644	106,430,619,359
	593,925,466,931	586,729,643,125

- (i) Payable to Vietnam Shipbuilding Industry Corporation represents the last payment for the project of building FS05, in which, the Corporation is the project's investor and Vietnam Shipbuilding Industry Corporation is the constructor. As at the date of the consolidated financial statements, both parties are carrying out the procedures to finalize the contract for payment of this amount.

Details of other short-term other payables by type of vendors are as follows:

	2022	2021
	VND	VND
Third parties	560,671,556,356	575,360,746,332
Related parties (Note 41(b))	33,253,910,575	11,368,896,793
	593,925,466,931	586,729,643,125

(b) Long-term

Other long-term payables mainly represent the deposit of the Branch of PetroVietnam Gas Corporation – Joint Stock Company – Gas Trading Company for the supply of vessels and operation services of LPG storage vessels for 3 year in the Northern region in accordance with the Contract No. 36/HDKN/2021/KDK-PTSC/04 dated 31 March 2021 with total amount of VND69,473,052,000.

23. BORROWINGS**(a) Short-term**

Details of short-term borrowings of the Corporation during the year are as follows:

	As at 1.1.2022	Drawdown during the year	Repaid during the year	Current portion of long-term borrowings	Revaluation	As at 31.12.2022
	VND	VND	VND	VND	VND	VND
(i) Borrowings from banks						
Short-term borrowings	-	53,275,931,616	(53,275,931,616)	-	-	-
Current portion of long-term borrowings (Note 23(b))	93,942,586,772	-	(104,449,208,262)	123,123,173,886	622,052,200	113,238,604,596
(ii) Borrowings from third party (*)	617,159,297,257	-	-	-	21,810,603,437	638,969,900,694
	711,101,884,029	53,275,931,616	(157,725,139,878)	123,123,173,886	22,432,655,637	752,208,505,290

(*) This is borrowing in USD of PTSC CGGV from CGG Holding B.V. (formerly known as, "CGGVeritas Services Holding BV") represents the difference between the capital amount that CGG Holding B.V. should have been contributed to PTSC CGGV, corresponding to 49% of PTSC CGGV's charter capital, and the value of CGG Holding B.V.'s contributed assets to PTSC CGGV at the time of establishment in 2012, the term is 60 months. This borrowing is free of interest, arrangement fee, commissions, or any other related fees. The borrowing will be matured on 30 June 2023 according to Appendix I agreed and signed by both parties on 9 January 2023. The borrowing is guaranteed by parent Company for liabilities of PTSC CGGV equivalent to 51% of this borrowing balance.

As presented in Note 1, the financial statements for year ended 31 December 2022 and financial statements for the year ended 31 December 2021 of PTSC CGGV were prepared on liquidation accounting basis, accordingly, PTSC CGGV's liabilities are classified as short-term liabilities on the interim consolidated financial statements.

Form B 09 – DN/HN

Form B 09 – DN/HN

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS
(continued)**(b) Long-term**

	As at 1.1.2022	Drawdown during the year	Repaid during the year	Current portion of long-term borrowings	Revaluation	As at 31.12.2022
	VND	VND	VND	VND	VND	VND
Borrowings from banks (*)	534,043,674,869	212,844,966,218	-	(123,123,173,886)	-	623,765,467,201

(*) Long-term borrowings represent 9 credit facilities from commercial banks in Vietnam, in which:

- » Credit facility 1 is in VND with the credit limit of more than VND3 billion and will be matured in 36 months since 2020;
- » Credit facility 2 is in VND with the credit limit of more than VND1.5 billion and will be matured in 36 months since 2020;
- » Credit facility 3 is in VND with the credit limit of more than VND65 billion and will be matured in 120 months since 2017;
- » Credit facility 4 is in VND with the credit limit of more than VND70 billion and will be matured in 84 months since 2020;
- » Credit facility 5 is in VND with the credit limit of more than VND15.6 billion and will be matured in 60 months since 2021;
- » Credit facility 6 is in VND with the credit limit of more than VND675 billion and will be matured in 120 months since 2018;
- » Credit facility 7 is in VND with the credit limit of more than VND640 billion and will be matured in 96 months since 2021;
- » Credit facility 8 is in VND with the credit limit of more than VND19 billion and will be matured in 84 months since 2022
- » Credit facility 9 is in VND with the credit limit of more than VND90 billion and will be matured in 84 months since 2022.

The interest of long-term borrowings in VND ranged from 5.57% per annum to 12.17% per annum for the year ended 31 December 2022 (year 2021: from 2.92% per annum to 8.1% per annum).

TTThe Corporation used assets formed in the future from these long-term borrowings as its mortgaged assets.

The purpose of the long-term borrowings is to invest in long-term assets such as supply bases, service vessels, specialized equipment used in petroleum technical services.

The repayment schedule of borrowings is as follows:

	2022	2021
	VND	VND
Within one year	752,208,505,290	711,101,884,029
In the second year	114,955,708,297	87,023,794,069
In the third to fifth year	343,370,223,565	257,329,621,016
After five years	165,439,535,339	189,690,259,784
	1,375,973,972,491	1,245,145,558,898

24. PROVISIONS FOR LIABILITIES

(a) Short-term

	2022	2021
	VND	VND
Provision of operation and maintenance of FPSO Lam Son (ii)	41,579,866,001	41,579,866,001
Provision for construction warranty (i) for		
NH3 project	9,817,750,067	-
HUC SVDN project	10,146,140,249	-
Others	19,832,878,496	7,967,740,069
	81,376,634,813	49,547,606,070

(b) Long-term

	2022	2021
	VND	VND
Warranty provision for construction contracts (i):		
Sao Vang Dai Nguyet project	660,337,559,260	556,582,755,036
Gallaf project - Phase 1	251,386,169,293	251,386,169,293

	2022	2021
Gallaf project - Phase 3	100,664,990,072	-
Sao Vang - Dai Nguyet pipeline project	66,621,273,873	66,621,273,873
LNG Thi Vai warehouse EPC project	51,362,076,637	-
Su Tu Trang Fullfield project	32,750,000,000	164,942,040,802
Hai Long offshore substation project	26,618,411,932	-
SHWE Phase 3 Jacket project	14,564,674,921	-
Others project	22,916,692,891	30,600,830,178
Provision of period overhaul of service vessels (iii)	18,249,552,279	13,662,069,630
	1,245,471,401,158	1,083,795,138,812

- (i) Warranty provision for construction contracts is made for warranty obligations according to the terms and conditions of EPC service contracts with customers, at 1% - 5% of the contract value.
- (ii) Provision for operation and maintenance for FPSO Lam Son mainly represents the value that the Corporation may be payable to Petrovietnam Exploration and Development Corporation ("PVEP") in relation to the Termination Agreement for the contract signed between the Corporation and Lam Son Joint Operating Company ("Lam Son JOC"), a joint venture between PVEP and Petronas.
- (iii) Provisions for periodic overhaul of service vessels represents the provision made annually based on the approved budget cost until the year when the overhaul is expected to occur. In the year when the overhaul occurs, if the actual overhaul cost is greater than the approved budget cost or vice versa, the difference is recorded in the consolidated income statement of respective accounting period.

25. BONUS AND WELFARE FUND

	2022	2021
	VND	VND
Beginning of year	561,376,579,143	359,937,152,664
Appropriation from undistributed earnings (Note 28)	284,155,299,404	396,556,328,838
Utilisation	(239,253,994,089)	(195,116,902,359)
End of year	606,277,884,458	561,376,579,143

26. FUND FOR SCIENTIFIC AND TECHNOLOGICAL DEVELOPMENT

	2022	2021
	VND	VND
Beginning of year	8,410,271,840	38,596,359,996
Appropriation	1,199,900,000	538,050,000
Fund utilisation	(1,764,716,667)	(3,728,268,636)
Reversal of unused fund	(2,284,833,333)	(26,995,869,520)
End of year	5,560,621,840	8,410,271,840

27. OWNERS' CAPITAL

(a) Number of shares

	2022		2021	
	Ordinary shares	Preference shares	Ordinary shares	Preference shares
Number of shares registered	477,966,290	-	477,966,290	-
Number of shares issued	477,966,290	-	477,966,290	-
Number of shares in circulation	477,966,290	-	477,966,290	-

(b) Details of owners' shareholding

	2022		2021	
	Ordinary shares	%	Ordinary shares	%
Vietnam Oil and Gas Group	245,565,000	51.38	245,565,000	51.38
Other shareholders	232,401,290	48.62	232,401,290	48.62
Number of shares issued	477,966,290	100	477,966,290	100

(c) Movement of share capital

	Number of shares	Ordinary shares	Total
			VND
As at 1 January 2021	477,966,290	4,779,662,900,000	4,779,662,900,000
As at 31 December 2021	477,966,290	4,779,662,900,000	4,779,662,900,000
As at 31 December 2022	477,966,290	4,779,662,900,000	4,779,662,900,000

The par value of each share is VND10,000. The Corporation does not have any preference shares.

28. MOVEMENTS IN OWNERS' EQUITY

	Owners' capital	Share premium	Investment and development fund	Foreign exchange differences	Post-tax undistributed earnings	Total	Non-controlling interests	Total owners' capital
	VND	VND	VND	VND	VND	VND	VND	VND
As at 1 January 2021	4,779,662,900,000	39,617,060,000	2,995,104,942,632	360,314,913,497	3,970,850,786,921	12,145,550,603,050	738,566,548,577	12,884,117,151,627
Net profit for the year	-	-	-	-	674,602,999,567	674,602,999,567	76,103,888,882	750,706,888,449
(As restate - Note 45)	-	-	-	-	(477,966,000,000)	(477,966,000,000)	(75,980,717,000)	(553,946,717,000)
Dividends paid	-	-	-	-	(386,033,369,136)	(386,033,369,136)	(10,522,959,702)	(396,556,328,838)
Appropriation to bonus and welfare fund	-	-	-	-	(86,563,192,762)	-	-	-
Appropriation to investment and development fund	-	-	86,563,192,762	-	-	-	-	-
Foreign exchange difference due to translation of financial statements of financial statements	-	-	-	(75,917,864,156)	-	(75,917,864,156)	-	(75,917,864,156)
Others	-	-	327,198	-	(611,642,013)	(611,314,815)	(27,227,154)	(638,541,969)
As at 31 December 2021	4,779,662,900,000	39,617,060,000	3,081,668,462,592	284,397,049,341	3,694,279,582,577	11,879,625,054,510	728,139,533,603	12,607,764,588,113

	Owners' capital	Share premium	Investment and development fund	Foreign exchange differences	Post-tax undistributed earnings	Total	Non-controlling interests	Total owners' capital
	VND	VND	VND	VND	VND	VND	VND	VND
Net profit for the year	-	-	-	-	883,636,252,979	883,636,252,979	60,815,684,266	944,451,937,245
Dividends paid (*)	-	-	-	-	(382,373,032,000)	(382,373,032,000)	(46,867,485,000)	(429,240,517,000)
Appropriation to bonus and welfare fund (Note 25) (**)	-	-	-	-	(272,117,865,164)	(272,117,865,164)	(12,037,434,240)	(284,155,299,404)
Appropriation to investment and development fund (**)	-	-	132,425,446,638	-	(132,425,446,638)	-	-	-
Foreign exchange difference due to translation of financial statements	-	-	-	109,773,732,318	-	109,773,732,318	-	109,773,732,318
Others	-	-	359,985	-	-	359,985	-	359,985
As at 31 December 2022	4,779,662,900,000	39,617,060,000	3,214,094,269,215	394,170,781,659	3,790,999,491,754	12,218,544,502,628	730,050,298,629	12,948,594,801,257

(*) Dividends paid according to resolutions of subsidiaries' Shareholders Annual General Meeting.
(**) Appropriation to funds of the parent Company and its subsidiaries was made in accordance to Resolution No. 188/NQ-DVKT-BHĐCĐ dated 28 April 2022 of the parent Company's Shareholders Annual General Meeting and resolutions of subsidiaries' Shareholders Annual General Meeting.

29. NON-CONTROLLING INTEREST

Details of non-controlling interest are as follows:

	2022	2021
	VND	VND
Owners' capital	1,523,361,857,420	1,523,361,857,420
Investment and development fund	140,249,285,726	133,916,447,678
Accumulated losses	(933,560,844,517)	(929,138,771,495)
	730,050,298,629	728,139,533,603

Movement of non-controlling interest was as follows:

	2022	2021
	VND	VND
Beginning of year	728,139,533,603	738,566,548,577
Net profit attributed to non-controlling interests (Note 28)	60,815,684,266	76,103,888,882
Dividends paid (note 28)	(46,867,485,000)	(75,980,717,000)
Appropriation to bonus and welfare fund (Note 28)	(12,037,434,240)	(10,522,959,702)
Others	-	(27,227,154)
End of year	730,050,298,629	728,139,533,603

30. BASIC DILUTED EARNINGS PER SHARE

(a) Basic earnings per share

Basic earnings per share is calculated by dividing the net profit attributable to shareholders after deducting the bonus and welfare fund by the weighted average number of ordinary shares outstanding during the year, excluding ordinary shares repurchased by the parent Company and held as treasury shares. The details were as follows:

	2022	2021
		(As restate - Note 45) (**)
Net profit attributable to shareholders (VND)	883,636,252,979	674,602,999,567
Less amount allocated to bonus and welfare funds (VND) (*)	(130,917,730,413)	(250,802,134,750)
Net profit attributable to shareholders (VND)	752,718,522,566	423,800,864,817
Weighted average number of ordinary shares in issue (shares)	477,966,290	477,966,290
Basic earnings per share (VND)	1,575	887

(*) Estimated amounts appropriated to bonus and welfare funds for the year ended 31 December 2022 are determined based on the plan for 2022 profit distribution of the Corporation approved by shareholders at the Shareholders Annual General Meeting for the year 2022.

(**) Earning per share for the year ended 31 December 2021 was recalculated according to the actual appropriation of bonus and welfare funds of the Corporation approved by the shareholders according to the Annual General Meeting of Shareholders in 2022 as below:

Year ended 31 December 2021			
	Previously reported	Adjustment	As restated
Net profit attributable to shareholders (VND)	601,160,329,023	73,442,670,544	674,602,999,567
Appropriation to bonus and welfare fund	(166,193,204,619)	(84,608,930,131)	(250,802,134,750)
	434,967,124,404		423,800,864,816
Weighted average number of ordinary shares in issue (shares)	477,966,290		477,966,290
Basic earning per share (VND)	911		887

(b) Diluted earnings per share

Diluted earnings per share is calculated by dividing the net profit attributable to shareholders, which already subtracted the bonus and welfare fund, by the weighted average number of ordinary shares outstanding during the year and the ordinary shares expected to be issued. The parent Company did not have any ordinary shares potentially diluted during the year and up to the date of this consolidated financial statements. So diluted earnings per share is equal to basic earnings per share.

31. OFF CONSOLIDATED BALANCE SHEET ITEMS

(a) Foreign currencies

As at 31 December 2022 and 31 December 2021, included in cash and cash equivalents are balances held in following foreign currencies:

	2022	2021
United States Dollar ("USD")	122,567,651	115,197,762
Euro ("EUR")	1,932	1,887
Pound sterling ("GBP")	244,701	244,708
Russian rouble ("RUB")	1,531,537	1,532,395

(b) Operating lease assets

The future minimum lease receipts/payable under non-cancellable operating leases were presented in Note 43.

32. NET REVENUE FROM SALES OF GOODS AND RENDERING OF SERVICES

	2022	2021
	VND	VND
		(As restated - Note 45)
Revenue from sales of goods	160,049,816,793	57,458,771,025
Revenue from rendering of services	7,572,229,113,459	6,945,120,396,245
Revenue from construction contracts (*)	8,646,695,026,978	7,274,445,438,524
	16,378,973,957,230	14,277,024,605,794
Trade discounts	(6,461,436,399)	(17,036,288,370)
Net revenue from sales of goods and rendering of services		
Net revenue from sales of goods	160,049,816,793	57,458,771,025
Net revenue from rendering of services	7,565,767,677,060	6,928,084,107,875

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS
(continued)

Form B 09 – DN/HN

	2022	2021
Net revenue from construction contracts (*)	8,646,695,026,978	7,274,445,438,524
	16,372,512,520,831	14,259,988,317,424

(*) In which, the accumulated revenue from major projects:

	2022	2021
	VND	VND
Accumulated revenue from completed construction contracts in the year	203,820,101,259	46,046,697,084
Accumulated revenue from in progress construction contracts in the year	45,222,012,484,253	37,247,517,427,976

33. COST OF GOODS SOLD AND SERVICES RENDERED

	2022	2021
	VND	VND
		(As restated - Note 45)
Cost of goods sold	143,116,340,408	51,435,983,630
Cost of services rendered	6,832,536,752,780	6,118,748,411,219
Cost of construction contracts	8,482,231,908,355	7,222,348,233,304
	15,457,885,001,543	13,392,532,628,153

34. FINANCIAL INCOME

	2022	2021
	VND	VND
Interest income	257,607,958,530	201,289,875,918
Foreign exchange gains	231,453,781,738	76,259,555,720
	489,061,740,268	277,549,431,638

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS
(continued)

Form B 09 – DN/HN



35. FINANCIAL EXPENSES

	2022	2021
	VND	VND
Interest expense	50,646,884,587	45,619,511,092
Foreign exchange losses	109,851,961,014	46,737,066,898
(Reversal of provision)/provision for long-term investments (Note 4(b))	(61,197,137)	2,018,289,475
Others	2,195,907,126	-
	162,633,555,590	94,374,867,465

36. SELLING EXPENSES

	2022	2021
	VND	VND
Advertising and marketing	46,654,856,275	45,540,621,439
Staff costs	5,554,410,659	19,615,812,666
Others	27,116,955,956	24,283,649,687
	79,326,222,890	89,440,083,792

37. GENERAL AND ADMINISTRATION EXPENSES

	2022	2021
	VND	VND
Staff costs	388,148,549,278	409,741,595,076
Depreciation and amortisation	26,513,917,071	25,384,812,173
Out-sourced services	205,853,161,214	173,097,834,049
Reversal of provisions	(21,942,335,931)	(29,183,559,940)
Others	229,362,492,427	133,441,229,359
	827,935,784,059	712,481,910,717

38. NET OTHER INCOME AND OTHER EXPENSES

	2022	2021
	VND	VND
Other income		
Reversals of warranty provision for construction contracts (*)	139,219,443,007	179,288,425,580
Net gain from disposals of fixed assets	62,976,905,532	11,829,711,164
Income from contracts' breach	5,265,247,890	9,081,241,009
Reversal of scientific and development fund	2,284,833,333	26,995,869,520
Others	9,367,066,891	7,688,212,336
	219,113,496,653	234,883,459,609
Other expenses		
Penalties	(27,270,048,191)	(13,939,665,678)
Others	(9,201,085,739)	(7,036,047,462)
	(36,471,133,930)	(20,975,713,140)
Net other income	182,642,362,723	213,907,746,469

(*) The reversals of warranty provision for construction contracts represents reversal of the balance of warranty provision after the Corporation has fulfilled all warranty obligations under the scope of work and warranty period in accordance with terms on those construction contracts and confirmed by the investors.

39. CORPORATE INCOME TAX ("CIT")

The CIT on the Corporation's accounting profit before tax differs from the theoretical amount that would arise by using the applicable tax rate of 20% under the current regulations as follows:

	2022	2021
	VND	VND
Accounting profit before tax	1,173,640,141,398	969,412,123,747
Accounting profit before CIT	1,173,640,141,398	973,881,916,968
Accounting losses before CIT	-	(4,469,793,221)
	1,173,640,141,398	969,412,123,747
Adjustments increases amounts	803,911,785,067	1,460,083,912,986
Adjustments decreases amounts	(1,368,998,274,300)	(706,003,906,167)
Loss transferred	(11,969,209,673)	(16,896,718,087)
Total taxable income	596,584,442,492	1,706,595,412,479
In which:		
Taxable income	872,223,050,572	1,713,747,790,923
Taxable losses	(275,638,608,080)	(7,152,378,444)
CIT at tax rate of 20%	174,444,610,114	342,749,558,185
Tax incentive	(5,612,680,065)	(8,963,427,897)
Over provision	(9,922,956,756)	(4,359,843,104)
CIT charge (*)	158,908,973,293	329,426,287,184

(*) The CIT charge for the year is based on estimated taxable income for the fiscal year 2022 and is subject to review and possible adjustments by the tax authorities.

40. COST OF OPERATION BY FACTOR

Costs of operation by factor represent all costs incurred during the year from the business operating of the Corporation, excluding cost of merchandise for trading activities. Details are as follows:

	2022	2021
	VND	VND (As restated - Note 45)
Raw materials	4,839,008,172,451	2,617,801,099,680
Staff costs	2,665,829,516,626	2,402,673,846,697
Depreciation and amortisation	471,172,463,800	491,375,748,133
Related cost of construction contracts	3,178,401,264,225	4,720,735,955,740
Out-sourced services	4,224,348,601,180	3,275,498,992,713
Others	986,057,348,126	657,832,184,903
	16,364,817,366,408	14,165,917,827,866

41. RELATED PARTY DISCLOSURES

The largest shareholder of the Corporation is PVN which owns 51.38% of the Corporation's share capital (Note 27).

Accordingly, PVN, fellow PVN group subsidiaries, subsidiaries, associates and joint ventures of the Corporation are considered the Corporation's related parties. Apart from subsidiaries, associates and joint ventures disclosed in Note 1 and 4, during the year, the Corporation has balances and transactions with below parties:

Name	Relationship
Vietnam Oil and Gas Group	Parent company
PetroVietnam Exploration Production Corporation	Company in PVN Group
PetroVietnam Drilling and Well Services Corporation	Company in PVN Group
PetroVietnam Transportation Corporation	Company in PVN Group
PetroVietnam Construction Joint Stock Company	Company in PVN Group

Name	Relationship
PetroVietnam Fertilizer and Chemicals Corporation	Company in PVN Group
Vietnam - Russia Joint Venture Vietsovpetro	Company in PVN Group
PetroVietnam Oil Corporation	Company in PVN Group
PetroVietnam Power Corporation	Company in PVN Group
Binh Son Oil Refinery Company Limited	Company in PVN Group
PetroVietnam Drilling Fluid and Chemical Corporation	Company in PVN Group
PVI Insurance Corporation	Company in PVN Group
Petroleum Design Consulting Corporation	Company in PVN Group
PetroVietnam Maintenance - Repair Corporation	Company in PVN Group
Nghi Son Refining and Petrochemical Company Limited	Company in PVN Group
Nghi Son Refinery and Petrochemical Complex Project Management Board	Company in PVN Group
Bien Dong Petroleum Operating Company	Company in PVN Group
Long Phu 1 Power Plant Project Management Board	Company in PVN Group
PetroVietnam Domestic Exploration Production Operating Company Limited	Company in PVN Group
PetroVietnam Gas Corporation	Company in PVN Group
Foreign Petroleum Exploration and Exploitation Operations One Member LLC	Company in PVN Group
PetroVietnam Ca Mau Fertilizer Joint Stock Company	Company in PVN Group

(a) Related party transactions

During the year, the following significant transactions were carried out with related parties:

	2022	2021
	VND	VND
i) Sales of goods and rendering of services		
PetroVietnam Gas Joint Stock Corporation	1,327,606,947,966	951,062,523,236
PetroVietnam Exploration Production Corporation Limited	859,814,788,815	1,218,045,098,968
Bien Dong Petroleum Operating Company	452,065,990,360	480,289,833,165
Binh Son Refining and Petrochemical JSC	405,541,429,471	282,858,759,133
Nghi Son Refining and Petrochemical Company Limited	396,424,346,251	430,697,465,303
Malaysia Vietnam Offshore Terminal (Labuan) Limited	300,252,282,587	114,933,406,150
Vietnam Offshore Floating Terminal (Ruby) Limited	270,362,530,408	265,992,619,834
PetroVietnam Drilling and Well Services Corporation	80,427,973,936	28,750,036,702
PetroVietnam Fertilizer and Chemicals Corporation	51,631,641,033	39,489,441,555
PTSC Ca Rong Do Limited	-	167,778,181,818
Others	161,650,866,180	183,295,057,371
	4,305,778,797,007	4,163,192,423,235
ii) Purchases of goods and services		
PTSC Asia Pacific Pte Limited	458,154,365,699	600,250,419,680
PetroVietnam Drilling and Well Services Corporation	184,378,153,567	111,822,150,985
PTSC South East Asia Pte Limited	173,111,066,645	182,314,152,025
Petrovietnam Marine Shipyard Joint Stock Company	144,899,290,513	77,546,348,135
PetroVietnam Oil Corporation	140,360,790,900	50,971,583,741
PetroVietnam Gas Joint Stock Corporation	118,412,302,817	86,269,973,678
Petro Vietnam Construction Joint Stock Corporation	117,849,757,280	5,204,619,216
PVI Insurance Corporation	97,512,932,917	85,272,331,343
Others	119,270,880,124	111,520,942,968
	1,337,165,727,421	1,114,379,247,460

	2022	2021
	VND	VND
iii) Compensation for key management		
Gross salaries and other benefits	36,802,489,400	21,950,121,000
in which:		
Mr. Phan Thanh Tung - Chairman of BOD	3,159,513,000	2,008,745,000
Mr. Le Manh Cuong - President and Chief Executive Officer - Member of BOD	3,072,405,000	2,110,718,000
Mr. Do Quoc Hoan - Member of BOD	2,627,957,000	1,614,248,000
Mr. Nguyen Xuan Ngoc - Member of BOD	2,435,920,000	1,470,798,000
Mr. Tran Ngoc Chuong - Member of BOD	2,216,434,000	-
Others	23,290,260,400	14,745,612,000
iv) Receive insurance compensation related to Sao Vang Dai Nguyet pipeline leakage		
PVI Insurance Corporation	103,365,000,000	-

(b) Year end balances with related parties

	2022	2021
	VND	VND
i) Short-term trade account receivables (Note 5)		
PetroVietnam Exploration Production Corporation Limited	1,674,097,577,097	1,635,248,057,021
PetroVietnam Gas Joint Stock Corporation	289,178,126,432	125,909,830,714
PetroVietnam Long Phu 1 Thermal Power Project Management Board	157,176,228,387	156,738,176,730
Vietnam Offshore Floating Terminal (Ruby) Limited	87,004,855,241	118,773,558,216
Nghi Son Refining and Petrochemical Company Limited	78,601,214,063	82,293,897,273
Bien Dong Petroleum Operating Company	61,921,861,414	67,053,976,870
PetroVietnam Fertilizer and Chemicals Corporation	58,047,251,404	71,317,203,829
Malaysia Vietnam Offshore Terminal (Labuan) Limited	55,521,290,635	34,200,373,634
PetroVietnam Domestic Exploration Production Operating Company Limited	42,333,538,764	38,513,085,853
Binh Son Refining and Petrochemical JSC	42,018,944,002	30,073,584,916
Nghi Son Refinery and Petrochemical Complex Project Management Board	37,203,110,659	37,203,110,659
PetroVietnam Drilling and Well Services Corporation	27,422,792,587	43,254,728,491

	2022	2021
Vietnam - Russia Joint Venture Vietsovpetro	21,134,066,548	7,070,384,093
Others	27,844,149,457	24,897,305,073
	2,659,505,006,690	2,472,547,273,372
ii) Short-term prepayment to suppliers (Note 6(a))		
Petrovietnam Construction Joint Stock Corporation	1,812,100,373	-
Others	1,467,979,390	2,225,926,853
	3,280,079,763	2,225,926,853
iii) Other short-term receivables (Note 8(a))		
Nghi Son Refinery and Petrochemical Limited Liability Company	24,394,736,436	12,188,084,868
Vietnam Oil and Gas Group	10,632,042,898	10,632,042,898
Malaysia Vietnam Offshore Terminal (Labuan) Limited	10,201,866,972	4,291,319,436
PetroVietnam Overseas Exploration Production Operating Company Limited	10,061,561,353	10,061,561,353
PetroVietnam Exploration Production Corporation Limited	44,602,700	10,047,098,575
Others	13,908,709,021	85,033,685,533
	69,243,519,380	132,253,792,663
iv) Short-term trade account payables (Note 17)		
PTSC Asia Pacific Private Limited	1,524,200,231,117	1,506,278,128,866
PetroVietnam Drilling and Well Services Corporation	120,981,575,780	31,501,779,473
PetroVietnam Construction Joint Stock Corporation	31,472,096,144	19,305,709,587
PetroVietnam Marine Shipyard Joint Stock Company	25,172,836,075	27,021,667,086
PTSC South East Asia Private Limited	14,789,841,150	56,218,405,200
Nghi Son Refining and Petrochemical Company Limited	10,192,872,876	13,020,056,401
Others	41,831,167,816	20,915,429,967
	1,768,640,620,958	1,674,261,176,580
v) Short-term advance from customers (Note 18(a))		
PetroVietnam Gas Corporation	51,514,955,821	37,791,032,173
Binh Son Refining and Petrochemical JSC	45,816,725,642	45,816,725,642
PetroVietnam Oil Joint Stock Corporation	10,900,068,788	-
Others	2,557,192,175	2,426,826,870
	110,788,942,426	86,034,584,685

	2022	2021
vi) Long-term advance from customers (Note 18(b))		
PetroVietnam Long Phu 1 Thermal Power Project Management Board	781.044.054.435	781.044.054.435
PetroVietnam Gas Corporation	-	65.986.958.343
	781.044.054.435	847.031.012.778
vii) Other short-term payable (Note 22)		
Nghi Son Refinery and Petrochemical LLC	24,515,340,677	-
Malaysia Vietnam Offshore Terminal (Labuan) Limited	5,977,154,193	2,692,225,602
PetroVietnam Construction Joint Stock Corporation	1,669,212,234	1,669,212,234
PetroVietnam Exploration Production Corporation Limited	-	6,536,414,822
Others	1,092,203,471	471,044,135
	33,253,910,575	11,368,896,793

42. SEGMENT REPORTING

Geographical segment

The Corporation operates mainly in Vietnam. Therefore, the Corporation does not present geographic segment reports.

Business activity segment

For management purpose, the Corporation's structure is separated into seven business segments with the following principal activities:

Business segment	Operation
Marine services	Management, business and operation the technology service vessels
Floating storage and offloading (FSO), Floating production storage and offloading (FPSO) services	Supply of Floating storage and offloading (FSO), Floating production storage and offloading (FPSO)
Seismic survey, geophysical and geological survey and subsea	Supply of management and operation of 2D, 3D seismic survey vessels; Geophysical and geological survey services, diving, and subsea services by using ROV
Supply base services	Supply base services, offices rental, logistic, supply chain management and other related services
Mechanical and construction offshore facilities	Fabrication, engineering, construction, transportation and installation, hook-up and commissioning
Repair, maintenance and instalment oil and gas project	Supply of maintenance, repair, building and conversion of petroleum exploiting facilities
Other services	Supply other services

The Corporation prepared business activity segment reporting by revenue and cost of goods sold as follows:

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS
(continued)

	2022							
	Supply of technology service vessels	F50 / FPSO services	Seismic survey, Geo survey and subsea services	Supply base services	Mechanical and construction	Maintenance, repair, and installment oil and gas project	Other services	Total
	VND	VND	VND	VND	VND	VND	VND	VND
Segment assets	2,597,948,026,597	5,149,693,712,210	1,063,541,041,183	3,151,000,002,046	8,578,193,624,756	1,947,086,006,264	1,379,934,270,566	19,451,642,806,065
Profit from investments in associates and joint ventures								3,276,056,600,426
Unallocated assets								3,100,072,233,427
Total assets								25,827,771,639,918
Segment liabilities	1,764,123,025,566	2,471,666,639,338	1,742,193,723,706	1,077,434,807,294	5,694,232,609,273	755,650,434,495	464,623,555,969	11,855,182,497,815
Deferred tax liabilities arise from profit sharing from associates and joint ventures								525,118,026,591
Unallocated liabilities								498,876,314,255
Total liabilities								12,879,176,838,661

Form B 09 – DN/HN

Form B 09 – DN/HN

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS
(continued)

	2021							
	Supply of technology service vessels	F50 / FPSO services	Seismic survey, Geo survey and subsea services	Supply base services	Mechanical and construction	Maintenance, repair, and installment oil and gas project	Other services	Total
	VND	VND	VND	VND	VND	VND	VND	VND
Segment assets	2,199,308,448,748	6,421,656,349,024	933,715,591,999	3,256,687,813,289	7,724,967,835,496	2,039,804,576,228	1,543,306,728,745	19,886,700,441,415
Profit from Investments in associates and joint ventures								3,199,653,580,210
Unallocated assets								1,784,584,780,263
Total assets								24,870,938,801,888
Segment liabilities	1,318,892,718,705	2,520,040,619,812	1,669,644,810,439	1,177,864,780,878	5,284,909,114,931	831,665,466,905	448,068,600,431	10,987,263,648,080
Deferred tax liabilities arise from profit sharing from associates and joint ventures								554,067,854,137
Unallocated liabilities								721,842,711,558
Total liabilities								12,263,174,213,775

The Corporation prepared business activity segment reporting by revenue and cost of goods sold as follows:

	2022								
	Supply of technology service vessels	F50 / FPSO services	Seismic survey, Geo survey and subsea services	Supply base services	Mechanical and construction	Maintenance, repair, and installment oil and gas project	Other services	Elimination	Total
	VND	VND	VND	VND	VND	VND	VND	VND	VND
Net revenue from external sales	1,569,961,573,888	1,874,174,246,051	510,485,548,290	1,455,197,718,558	8,697,061,554,613	1,554,804,359,457	710,827,519,974	-	16,372,512,520,831
Net revenue from internal sales	375,955,966,824	391,377,104,331	-	161,154,507,850	463,125,194,861	343,492,877,916	124,392,471,069	(1,859,498,122,851)	-
	1,945,917,540,712	2,265,551,350,382	510,485,548,290	1,616,352,226,408	9,160,186,749,474	1,898,297,237,373	835,219,991,043	(1,859,498,122,851)	16,372,512,520,831
Net cost from external sales	(1,425,033,481,160)	(1,734,967,870,118)	(465,542,165,267)	(1,127,955,997,986)	(8,535,373,421,394)	(1,520,890,894,957)	(648,121,170,661)	-	(15,457,885,001,543)
Net cost from internal sales	(374,167,259,664)	(390,010,449,331)	-	(167,482,488,045)	(515,460,426,637)	(343,492,877,916)	(79,964,936,937)	1,870,578,438,530	-
	(1,799,200,740,824)	(2,124,978,319,449)	(465,542,165,267)	(1,295,438,486,031)	(9,050,833,848,031)	(1,864,383,772,873)	(728,086,107,598)	1,870,578,438,530	(15,457,885,001,543)
Gross segment profit	144,928,092,728	139,206,375,933	44,943,383,023	327,241,720,572	161,688,133,219	33,913,464,500	62,706,349,313	-	914,627,519,288
Selling and administration expenses									(907,262,006,949)

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS
(continued)

	2022								
	Supply of technology service vessels	F50 / FPSO services	Seismic survey, Geo survey and subsea services	Supply base services	Mechanical and construction	Maintenance, repair, and installment oil and gas project	Other services	Elimination	Total
Net income from financing activities									326,428,184,678
Profit sharing from associates and joint ventures									657,204,081,658
Profit from operating service									990,997,778,675
Net income from other activities									182,642,362,723
Net accounting profit before tax									1,173,640,141,398
CIT - current									(158,908,973,293)
CIT - deferred									(70,279,230,860)
Net profit after tax									944,451,937,245

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS
(continued)

Form B 09 – DN/HN

	2021						
	Supply of technology service vessels	F50 / FPSO services	Seismic survey, Geo survey and subsea services	Supply base services	Mechanical and construction	Maintenance, repair, and installment oil and gas project	Other services
	VND	VND	VND	VND	VND	VND	VND
Net revenue from external sales	1,567,360,741,880	1,977,452,302,243	285,148,180,581	1,567,630,916,655	7,239,313,360,672	1,096,379,885,542	526,702,929,851
							-
Net revenue from internal sales	234,939,338,396	392,649,259,372	17,208,545,269	168,771,832,632	59,730,898,949	1,144,140,616,081	108,323,251,541
							(2,663,336,742,240)
	1,802,300,080,276	2,370,101,561,615	302,356,725,850	1,736,402,749,287	78,366,617,259,621	2,240,520,501,623	635,026,181,392
							(2,663,336,742,240)
							14,259,988,317,424
Net cost from external sales	(1,441,794,240,474)	(1,767,848,919,019)	(262,165,490,485)	(1,242,566,795,379)	(7,113,493,476,783)	(1,046,716,337,251)	(517,947,368,762)
							-
(13,392,532,628,153)							
Net cost from internal sales	(234,939,338,396)	(390,982,089,702)	(18,543,864,825)	(168,594,661,192)	(584,689,101,409)	(1,071,229,994,201)	(83,156,473,144)
							2,552,135,522,869
							-
	(1,676,733,578,870)	(2,158,831,008,721)	(280,709,355,310)	(1,411,161,456,571)	(7,698,182,578,192)	(2,117,946,331,452)	(601,103,841,906)
							2,552,135,522,869
							(13,392,532,628,153)
Gross segment profit	125,566,501,406	209,603,383,224	22,982,690,096	325,064,121,276	125,819,883,889	49,663,548,291	8,755,561,089
							-
							867,455,689,271
Selling and administration expenses							(801,921,994,509)

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS
(continued)

Form B 09 – DN/HN

	2021						
	Supply of technology service vessels	F50 / FPSO services	Seismic survey, Geo survey and subsea services	Supply base services	Mechanical and construction	Maintenance, repair, and installment oil and gas project	Other services
	VND	VND	VND	VND	VND	VND	VND
Net income from financing activities							183,174,564,173
Profit sharing from associates and joint ventures							506,796,118,343
Profit from operating service							755,504,377,278
Net income from other activities							213,907,746,469
Net accounting profit before tax							969,412,123,747
CIT - current							(329,426,287,184)
CIT - deferred							110,721,051,886
Net profit after tax							750,706,888,449

43. COMMITMENTS

(a) The Corporation as a lessee

The future minimum lease payments under non-cancellable operating leases were as follows:

	2022	2021
	VND	VND
Under 1 year	447,849,951,123	891,454,149,512
From 1 to 5 years	174,682,663,939	1,495,360,199,442
More than 5 years	991,830,548,983	1,211,929,786,207
Total minimum payments	1,614,363,164,045	3,598,744,135,161

As at 31 December 2022 and 31 December 2021, the Corporation has entered into non - cancellable operating lease commitment contracts of vessels rental, FSO/FPSO rental, land rental in Vung Tau City, land rental at Son Tra port, and hotel lease for its operating activities. In which:

- » FSO/FPSO, vessels rental contracts were signed with duration of 1 year;
- » Land lease in Vung Tau City was signed with the term of 50 years since 2002;
- » Land rental contract at Son Tra port was signed with the term of 50 years since 2008; and
- » Land rental contract at Hon La port was signed with the term of 50 years since 2014.

(b) The Corporation as a lessor

The future minimum lease receipts under non-cancellable operating leases are as follows:

	2022	2021
	VND	VND
Under 1 year	1,335,503,855,724	1,397,095,325,019
From 1 to 5 years	2,743,163,308,151	3,102,233,789,161
More than 5 years	1,204,373,573,382	2,311,701,399,429
Total minimum receipts	5,283,040,737,257	6,811,030,513,609

As at 31 December 2022 and 31 December 2021, the Corporation has entered into non-cancellable operating lease commitment contracts of leasing service vessels with the term of 15 years and FSO/FPSO with the term of from 1 to 5 years.

44. CONTINGENT LIABILITIES

Long Phu 1 Thermal Power Project

On 23 August 2019, Power Machines Company ("PM") - the Consortium Leader of Long Phu 1 Thermal Power Project, sent a notice to Singapore International Arbitration Center about the unresolved dispute with the Vietnam Oil and Gas Group regarding the EPC Contract No. 9488/HD-DKVN dated on 27 December 2013 between the consortium of General Contractor Power Machines – PetroVietnam Technical Services Corporation and Vietnam Oil and Gas Group. At the date of this report, the lawsuit is still being reviewed by the Singapore International Arbitration Center. The Board of Management of the Corporation assesses and believes that the case would not have significant effect on the Corporation's operation. As a result, the Corporation has not made any provision for this lawsuit in the consolidated financial statements for the year ended 31 December 2022.

Expenses relating to the Sao Vang – Dai Nguyet gas collection and transportation pipeline project

During the implementation of the project Gas collection and transportation pipeline from Sao Vang - Dai Nguyet field under the contract signed between Vietnam Gas Corporation - JSC (Investor) and the Corporation (main contractor), some subcontractors of the Corporation occurred additional costs outside the contract relating to implement the measures to prevent the COVID-19 pandemic in 2020 following Vietnam Government's requirements during the social distancing time. In 2020, the subcontractors requested to reimburse the above expenses from the Corporation. However, until now, the above expenses have not yet reached any agreement between the Investor and the Corporation as well as the Corporation and the subcontractors. As a result, at the date of these separate financial statements, the Corporation has not recognized any obligations or provisions relating to subcontractors' claims for payment.

45. RESTATEMENTS

According to the Inspection Minute of Financial Ministry Inspector ("FMI") on 16 November 2022 in relation to the consolidated financial inspection of the Company for the year ended 31 December 2021, the Board of Management has decided to restate a few items on the consolidated financial statements for the year ended 31 December 2021 in accordance with the Decision of FMI. According to the impact of those restatements on the consolidated financial statements for the year ended 31 December 2021 are presented as below:

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS

(continued)

Form B 09 – DN/HN

(a) The consolidated balance sheet

Code	As at 31 December 2021		
	As previously reported	Adjustments	As restated
	VND	VND	VND
100 CURRENT ASSETS	15,378,378,675,062	16,969,170,872	15,395,347,845,934
140 Inventories	2,086,094,175,564	16,969,170,872	2,103,063,346,436
141 Inventories	2,088,285,341,725	16,969,170,872	2,105,254,512,597
200 LONG-TERM ASSETS	9,466,598,388,289	8,992,567,665	9,475,590,955,954
220 Fixed assets	2,981,748,785,565	8,992,567,665	2,990,741,353,230
221 Tangible fixed assets	2,968,414,845,549	8,992,567,665	2,977,407,413,214
223 Accumulated depreciation	(9,149,930,875,888)	8,992,567,665	(9,140,938,308,223)
270 TOTAL ASSETS	24,844,977,063,351	25,961,738,537	24,870,938,801,888
300 LIABILITIES	12,310,655,145,782	(47,480,932,007)	12,263,174,213,775
310 Short-term liabilities	8,735,376,980,582	(43,186,206,080)	8,692,190,774,502
313 Tax and other payables to the State	184,438,171,379	18,360,667,636	202,798,839,015
317 Construction contracts-in-progress payables	292,132,423,826	(61,546,873,716)	230,585,550,110
330 Long-term liability	3,575,278,165,200	(4,294,725,927)	3,570,983,439,273
342 Provision for long-term liabilities	1,088,089,864,739	(4,294,725,927)	1,083,795,138,812
400 OWNERS' EQUITY	12,534,321,917,569	73,442,670,544	12,607,764,588,113
410 Capital and reserves	12,534,321,917,569	73,442,670,544	12,607,764,588,113
421 Undistributed earnings	3,620,836,912,033	73,442,670,544	3,694,279,582,577
421b Post-tax profit of current year	584,952,378,615	73,442,670,544	658,395,049,159
440 TOTAL RESOURCES	24,844,977,063,351	25,961,738,537	24,870,938,801,888

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS

(continued)

Form B 09 – DN/HN

(b) The consolidated income statement

Code	For the year ended 31 December 2021		
	As previously reported	Adjustments	As restated
	VND	VND	VND
01 Revenue from sales of goods and rendering of services	14,215,477,732,078	61,546,873,716	14,277,024,605,794
10 Net revenue from sales of goods and rendering of services	14,198,441,443,708	61,546,873,716	14,259,988,317,424
11 Cost of sales	(13,422,789,092,617)	30,256,464,464	(13,392,532,628,153)
20 Gross profit from sales of goods and rendering of services	775,652,351,091	91,803,338,180	867,455,689,271
30 Net operating profit	663,701,039,098	91,803,338,180	755,504,377,278
50 Net accounting profit before tax	877,608,785,567	91,803,338,180	969,412,123,747
51 CIT - current	(311,065,619,548)	(18,360,667,636)	(329,426,287,184)
60 Net profit after tax	677,264,217,905	73,442,670,544	750,706,888,449
61 Owners of the parent company	601,160,329,023	73,442,670,544	674,602,999,567
70 Basic earnings per share	911	(24)	887
71 Diluted earnings per share	911	(24)	887

(c) The consolidated cash flow

Code		For the year ended 31 December 2021		
		As previously reported	Adjustments	As restated
		VND	VND	VND
CASH FLOWS FROM OPERATING ACTIVITIES				
01	Net accounting profit before tax	877,608,785,567	91,803,338,180	969,412,123,747
Adjustments for:				
02	Depreciation and amortisation	500,368,315,798	(8,992,567,665)	491,375,748,133
03	Provisions	(204,553,185,724)	(4,294,725,927)	(208,847,911,651)
08	Operating profit before changes in working capital	490,925,978,814	78,516,044,588	569,442,023,402
10	Increase/(decrease) in inventories	88,154,685,553	(16,969,170,872)	71,185,514,681
11	Increase in payables	(1,352,896,958,995)	(61,546,873,716)	(1,414,443,832,711)

The consolidated financial statements were approved by the Board of Management on 21 March 2023



Duong Thi Ngoc Quy
Preparer



Nguyen Van Bao
Chief Accountant



Le Manh Cuong
President and CEO

CERTIFIED BY LEGAL REPRESENTATIVE

PRESIDENT AND CEO



Le Manh Cuong



COMPREHENSIVE SOLUTIONS, DRIVEN BY TRUST

PETROVIETNAM TECHNICAL SERVICES CORPORATION (PTSC)

5th Floor, Petrovietnam Tower, 1-5 Le Duan Street, District 1, HCM City, Vietnam

Tel: (+84).028.39102828 | Fax: (+84) 028.39102929 | www.ptsc.com.vn