



SEPARATE FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2021



SEPARATE FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2021

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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. Luu Duc Hoang Member

(till 4 January 2022)

Mr. Nguyen Xuan Ngoc

Member Member

Mr. Tran Ngoc Chuong

(from 4 January 2022)

Board of Supervisors

Ms. Bui Thu Ha

Chief of the Board

Mr. Bui Huu Viet Cuong Mr. Pham Van Tien

Member

Member

Mr. Ho Thi Oanh

(from 28 April 2021)

Member

(till 28 April 2021)

Board of Management

Mr. Le Manh Cuong

President and Chief Executive Officer

Mr. Nguyen Tran Toan Mr. Nguyen Huu Hai

Vice President Vice President

Mr. Ta Đuc Tien Mr. Nguyen Xuan Cuong

Vice President Vice President Vice President

Mr. Tran Ho Bac Mr. Tran Hoai Nam

Vice President

(from 16 November 2021)

Legal representative

Mr. Le Manh Cuong

President and Chief Executive Officer

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 OF THE BOARD OF MANAGEMENT

STATEMENT OF THE RESPONSIBILITY OF THE BOARD OF MANAGEMENT IN RESPECT OF THE SEPARATE FINANCIAL STATEMENTS

The Board of Management of PetroVietnam Technical Services Corporation ("the Corporation") is responsible for preparing the separate financial statements of the Corporation which give a true and fair view of the separate financial position of the Corporation as at 31 December 2021. of the separate results of its operations, and its separate cash flows for the year then ended. In preparing these separate 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 separate financial statements on a going concern basis unless it is inappropriate to presume that the Corporation will continue in business.

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

APPROVAL OF THE SEPARATE FINANCIAL STATEMENTS

We hereby approve the accompanying separate financial statements as set out on pages 5 to 68 which give a true and fair view of the separate financial position of the Corporation as at 31 December 2021, of the separate results of its operations and its separate 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 separate financial statements.

Users of these separate financial statements of the Corporation should read them together with the consolidated financial statements of the Corporation and its subsidiaries for the year ended 31 December 2021 in order to obtain full information of the consolidated financial position, consolidated results of operations, and consolidated cash flows of the Corporation and its subsidiaries.

On behalf of the Board of Management,

Le Manh Cuong

President and Chief Executive Officer ("CEO")

Ho Chi Minh City, SR Vietnam 25 March 2022



INDEPENDENT AUDITOR'S REPORT TO THE SHAREHOLDERS OF PETROVIETNAM TECHNICAL SERVICES CORPORATION

We have audited the accompanying separate financial statements of PetroVietnam Technical Services Corporation ("the Corporation") which were prepared on 31 December 2021 and approved by the Board of Management on 25 March 2022. These separate financial statements comprise the separate balance sheet as at 31 December 2021, the separate income statement and the separate cash flow statement for the year then ended, and explanatory notes to the separate financial statements, as set out on pages 5 to 68.

The Board of Management's Responsibility

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

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the seperate financial statements. The procedures selected depend on the auditor's judgment, including an assessment of the risks of material misstatements of the seperate financial statements, whether due to fraud or errors. In making those risk assessments, the auditor considers internal control relevant to the Corporation's preparation and true and fair presentation of the seperate 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 control. 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 seperate financial statements.

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



Auditor's Opinion

In our opinion, the separate financial statements present fairly, in all material respects, the separate financial position of the Corporation as at 31 December 2021, its separate financial performance and separate 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 separate financial statements.

Other Matters

The independent auditor's report 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

PWC (NET NAM)

0157406

Quach Thanh Chau Audit Practising Licence No. 0875-2018-006-1 Authorised signatory

Report reference number: HCM11822 Ho Chi Minh City, 25 March 2022 Nguyen Vu Anh Tuan Audit Practising Licence No. 3631-2021-006-1

Form **B** 01 – **DN**

SEPARATE BALANCE SHEET

			As at 31 [December
Code	ASSETS	Note	2021 VND	2020 VND
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	11010	VIID	VIVD
100	CURRENT ASSETS	_	8,856,677,708,809	8,850,553,074,925
110	Cash and cash equivalents	3	3,535,159,305,173	3,075,293,131,127
111	Cash		1,781,159,305,173	1,664,293,131,127
112	Cash equivalents		1,754,000,000,000	1,411,000,000,000
120	Short-term investment		1,639,000,000,000	2,071,000,000,000
123	Investments held to maturity	4(a)	1,639,000,000,000	2,071,000,000,000
130	Short-term receivables		3,497,006,594,721	3,610,010,683,205
131	Short-term trade accounts receivable	5	2,923,686,138,364	3,102,778,757,400
132	Short-term prepayments to suppliers	6(a)	285,585,861,363	343,324,120,869
134	Construction contracts-in-progress receivables	7	79,509,916,775	85,720,543,145
136	Other short-term receivables	8(a)	375,823,461,075	229,234,728,477
137	Provision for doubtful debts – short-term	9´	(167,598,782,856)	(151,047,466,686)
140	Inventories	10(a)	155,492,123,219	66,634,515,129
141	Inventories	(-)	155,568,486,855	66,668,878,765
149	Provision for decline in value of inventories		(76,363,636)	(34,363,636)
150	Other current assets		30,019,685,696	27,614,745,464
151	Short-term prepaid expenses	11(a)	9,709,397,045	10,874,184,700
152	Value Added Tax to be reclaimed	` '	20,310,288,651	9,807,777,259
153	Tax and other receivables from the State	18	-	6,932,783,505
200	NON-CURRENT ASSETS		5,973,829,211,747	6,113,860,133,845
210	Long-term receivables		453,901,710,958	443,786,022,861
212	Long-term prepayments to suppliers	6(b)	22,898,287,338	78,098,502,528
216	Other long-term receivables	8(b)	431,003,423,620	365,687,520,333
220	Fixed assets		1,122,167,558,055	1,161,296,460,833
221	Tangible fixed assets	12(a)	1,116,865,224,692	1,152,010,832,561
222	Historical cost		4,960,973,882,726	5,059,997,510,775
223	Accumulated depreciation		(3,844,108,658,034)	(3,907,986,678,214)
227	Intangible fixed assets	12(b)	5,302,333,363	9,285,628,272
228	Historical cost	` ,	42,626,364,210	54,499,667,229
229	Accumulated amortisation		(37,324,030,847)	(45,214,038,957)
230	Investment properties	13	33,610,546,772	36,100,216,916
231	Historical cost		49,793,402,682	49,793,402,682
232	Accumulated depreciation		(16,182,855,910)	(13,693,185,766)
240	Long-term asset in progress		49,961,395,703	119,595,260,187
242	Construction in progress	14(b)	49,961,395,703	119,595,260,187
250	Long-term investments		3,816,138,582,256	3,800,178,122,392
251	Investments in subsidiaries	4(b)	3,186,935,509,600	3,186,935,509,600
252	Investments in associates, joint ventures	4(b)	1,603,077,039,235	1,603,077,039,235
253	Investments in other entities	4(b)	3,000,000,000	3,000,000,000
254	Provision for long-term investments	4(b)	(976,873,966,579)	(992,834,426,443)
260	Other long-term assets		498,049,418,003	552,904,050,656
261	Long-term prepaid expenses	11(b)	397,357,978,316	390,717,505,277
262	Deferred income tax assets	15	83,565,571,486	140,448,820,041
263	Long-term substituted equipment,	40/5)		
	supplies and spare parts	10(b)	17,125,868,201	21,737,725,338
270	TOTAL ASSETS		14,830,506,920,556	14,964,413,208,770

The notes on pages 9 to 68 are an integral part of these separate financial statements.

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SEPARATE BALANCE SHEET (continued)

			As at 31 I	December
			2021	2020
Code	RESOURCES	Note	VND	VND
300	LIABILITIES		6,569,838,651,267	6,686,767,650,130
310	Current liabilities		5,108,062,713,969	5,283,202,568,258
311	Short-term trade accounts payable	16	2,698,442,316,139	2,949,031,174,292
312	Short-term advances from customers	17(a)	142,099,942,194	179,484,824,125
313	Tax and other payables to the State	18	12,519,544,151	34,251,811,001
314	Payable to employees		350,617,318,178	343,247,369,745
315	Short-term accrued expenses	19	338,308,855,537	498,426,079,914
317	Construction contracts-in-progress payables	7	292,132,423,826	63,945,055,438
318	Short-term unearned revenue	20	17,272,727,261	34,545,454,548
319	Other short-term payables	21(a)	472,678,005,034	481,052,456,873
320	Short-term borrowings	22(a)	79,058,766,772	101,674,381,772
321	Provision for short-term liabilities	23(a)	363,320,179,768	399,869,207,545
322	Bonus and welfare funds	24	341,612,635,109	197,674,753,005
330	Non-current liabilities		1,461,775,937,298	1,403,565,081,872
332	Long-term advances from customers	17(b)	854,528,821,993	927,215,112,203
336	Long-term unearned revenue	20	_	17,272,727,261
337	Other long-term payables	21(b)	69,473,052,000	
338	Long-term borrowings	22(b)	455,394,998,407	435,223,546,597
342	Provision for long-term liabilities	23(b)	76,818,933,534	15,543,695,811
343	Fund for science and technology development	()	5,560,131,364	8,310,000,000
400	OWNERS' EQUITY		8,260,668,269,289	8,277,645,558,640
410	Capital and reserves		8,260,668,269,289	8,277,645,558,640
411	Owners' capital	25, 26	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	26	39,617,060,000	39,617,060,000
418	Investment and development funds	26	2,712,437,009,213	2,636,503,189,630
421	Undistributed earnings	26	728,951,300,076	821,862,409,010
421a	- Undistributed post-tax profits of previous years		52,962,589,426	62,524,213,176
421b	- Post-tax profits of current year		675,988,710,650	759, 338, 195, 834
440	TOTAL RESOURCES		14,830,506,920,556	14,964,413,208,770

Duong Thi Ngoc Quy Preparer

Nguyen Van Bao Chief Accountant

ntant

Le Manh Cuong President and CEO 25 March 2022

Cổ PHÂN DỊCH VỤ KY THUẬT DÂU KHÍ VIỆT NÂM

The notes on pages 9 to 68 are an integral part of these separate financial statements.

SEPARATE INCOME STATEMENT

			Year ended 3 ^r	1 December
		_	2021	2020
Code		Note	VND	VND
01	Revenue from sales of goods and rendering of services		5,494,277,030,260	7,879,462,670,228
02	Less deductions		-	
10	Net revenue from sales of goods and rendering of services	28	5,494,277,030,260	7,879,462,670,228
11	Cost of goods sold and services rendered	29	(5,177,342,249,036)	(7,775,523,617,097)
20	Gross profit from sales of goods and rendering of services		316,934,781,224	103,939,053,131
21	Financial income	30	1,041,191,507,508	1,254,049,017,434
22	Financial expenses	31	(71,676,112,497)	(95,685,151,102)
23	- Including: Interest expense		(38, 167, 679, 647)	(49,414,244,423)
25	Selling expenses	32	(31,834,295,959)	(39,820,439,832)
26	General and administration			
	expenses	33	(425,231,074,131)	(398,488,853,428)
30	Net operating profit		829,384,806,145	823,993,626,203
31	Other income		16,096,651,069	10,525,535,696
32	Other expenses		(3,997,719,715)	(3,679,706,374)
40	Net other income	34	12,098,931,354	6,845,829,322
50	Net accounting profit before tax		841,483,737,499	830,839,455,525
51	Business income tax ("BIT")			
	- current	35	(108,611,778,323)	(68,018,016,495)
52	Business income tax - deferred	15	(56,883,248,527)	(3,483,243,196)
60	Net profit after tax		675,988,710,649	759,338,195,834

Duong Thi Ngoc Quy Preparer

Nguyen Van Bao **Chief Accountant**

Le Manh Cuong President and CEO 25 March 2022

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TổNG CÔNG TY CÓ PHÂN DỊCH VỤ KÝ THUẬT

DÂU KHÍ

The notes on pages 9 to 68 are an integral part of these separate financial statements.

Section 2

SEPARATE CASH FLOW STATEMENT (Indirect method)

			Year ended	31 December
			2021	2020
Code		Note	VND	VND
	CASH FLOWS FROM OPERATING ACTIVITIES			
01	Net accounting profit before tax Adjustments for:		841,483,737,499	830,839,455,525
02	Depreciation and amortisation		176,160,250,715	196,036,112,222
03	Provisions/(Reversal of provisions)		25,359,066,252	(61,995,545,106)
04	Unrealised foreign exchange losses/(gains)		37,442,401,142	(26,286,506,072)
05	Profits from investing activities		(1,002,008,578,068)	(1,180,378,208,165)
06	Interest expense		38,167,679,647	49,414,244,423
07	Other adjustments		· · · -	8,310,000,000
80	Operating profit/(loss) before changes in working			, ,
	capital		116,604,557,187	(184,060,447,173)
09	Decrease in receivables		47,261,957,104	56,137,927,343
10	(Increase)/decrease in inventories		(84,287,750,953)	378,712,842,119
11	Decrease in payables		(336,743,704,474)	(299,964,997,809)
12	(Increase)/decrease in prepaid expenses		(5,475,685,384)	450,882,608
14	Interest paid		(37,827,177,322)	(49,660,183,482)
15	Business income tax paid		(101,048,681,769)	(81,560,936,939)
16	Other receipts from operating activities		-	135,600,000
17	Other payments for operating activities		(64,588,094,776)	(58,932,909,743)
20	Net cash outflows from operating activities		(466,104,580,387)	(238,742,223,076)
	CASH FLOWS FROM INVESTING ACTIVITIES			
21	Purchases of fixed assets and other long-term assets		(12,534,551,818)	(122,042,366,898)
22	Proceeds from disposals of fixed assets		446,292,727	8,363,556,364
23	Term deposits to maturity of more than 3 months		440,232,121	6,303,330,304
20	placed at banks		(3,406,000,000,000)	(3,303,000,000,000)
24	Term deposits with maturity of more than 3 months		(3,400,000,000,000)	(3,303,000,000,000)
	collected		3,838,000,000,000	1,995,000,000,000
27	Dividends and interest received		1,009,395,998,923	1,163,455,028,526
30	Net cash inflows/(outflows) from investing		1,009,090,990,923	1,103,455,026,526
	activities		1,429,307,739,832	(258,223,782,008)
			1,423,507,733,632	(230,223,702,000)
	CASH FLOWS FROM FINANCING ACTIVITIES			
33	Proceeds from short-term and long-term borrowings		101,481,706,082	3,000,000,000
34	Repayments of borrowings		(103,341,906,772)	(119,164,762,390)
36	Dividends paid to owners		(477,933,366,700)	(477,595,208,500)
40	Net cash outflows from financing activities		(479,793,567,390)	(593,759,970,890)
50	Net increase/(decrease) in cash and cash equivalents		483,409,592,055	(1,090,725,975,974)
60	Cash and cash equivalents at beginning of year	3	3,075,293,131,127	4,164,951,212,389
61	Effect of foreign exchange differences	J	(23,543,418,009)	1,067,894,712
70	Cash and cash equivalents at end of year	3	3,535,159,305,173	3,075,293,131,127

Duong Thi Ngoc Quy Preparer Nguyen Van Bao Chief Accountant

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TổNG CÔNG T CỔ PHẨN DỊCH VỤ KỸ TH DẦU KHÍ

> Le Manh Cuong President and CEO 25 March 2022

The notes on pages 9 to 68 are an integral part of these separate financial statements.

NOTES TO THE SEPARATE FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2021

1 GENERAL INFORMATION

Structure of ownership

PetroVietnam Technical Services Corporation (the "Corporation") is a joint stock company established in SR Vietnam under 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 Corporation is Vietnam Oil and Gas Group. Details of capital contribution are presented in Note 26.

Principal activities

The business sector of 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;
- 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;
- Chartering, shipping brokerage, towage and salvage services; and
- Producing electricity, electricity transmission and distribution, construction of industrial works and renewable energy.

1 GENERAL INFORMATION (continued)

The normal business cycle

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

The Corporation's structure

As at 31 December 2021, the Corporation has 1 representative office, 5 branches, 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
2	Branch of PetroVietnam Technical Services Corporation - PTSC Supply Base	No. 65A, 30/4 Street, Thong Nhat Ward, Vung Tau City
3	Branch of PetroVietnam Technical Services Corporation - PTSC Da Nang	No. 11, 3/2 Street, Hai Chau Ward, Da Nang City
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
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
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

PETRO VIETNAM TECHNICAL SERVICES CORPORATION

GENERAL INFORMATION (continued)

The Corporation's structure (continued)

			9	2021	_	2020	
No.	Name	Principal activities	riace or incorporation and operation	Owners hip interest	Voting power	Owners hip	> 0
Direc	Directly owned subsidiaries			%	%	%	weld %
~	PTSC Mechanical and Construction Services Company Limited	Maintenance and construction for oil and gas field	Vung Tau City,	100	100	100	100
7	PTSC Geos and Subsea Services Company Limited	Operation of 2D and 3D vessels, seismic survey services, geophysical and geological survey services, diving, and subsea	Vietnam Vung Tau City, Vietnam	100	100	100	100
ო •	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 τ	PTSC Labuan Company Limited PTSC Quang Ngai Joint Stock	Providing service vessels in petroleum and gas exploration Management, operation and sumhy technology service years	Malaysia Oriona Madi	100	100	100	100
	Сотрапу	supplying port-based services, mechanical, construction, repair and maintenance services of oil and gas projects, industrial buildings.	Province, Vietnam	95.79	95.19	95.19	95.19
9 1	PTSC Offshore Services Joint Stock Company	Offshore transportation, installation, hook up commissioning, modification, operation and maintenance, offshore facilities decommissioning services of oil and cas projects	Vung Tau City, Vietnam	84.95	84.95	84.95	84.95
· (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
×ο	PTSC Thanh Hoa Port Joint Stock Company	Supplying port-based services; mechanical, construction, repair and maintenance services of oil and gas projects, industrial	Thanh Hoa Province, Vietnam	54.69	54.69	54.69	54.69
o 6	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 lahour	Vung Tau City, Vietnam	51	51	51	51
2 ;	Dinn Vu Petroleum Services Port Joint Stock Company	Supplying port-based services and container services	Hai Phong City, Vietnam	51	51	51	51
-	PetroVietnam Security Joint Stock Company	Security services	Ha Noi, Vietnam	51	51	51	51
5 5	Sao Mai - Ben Dinh Petroleum Investment Joint Stock Company	Supplying port-based services	Vung Tau City, Vietnam	51	51	51	51
2	PTSC CGGV Geophysical Survey Company Limited	2D and 3D seismic data acquisition service	Vung Tau City, Vietnam	51	51	51	51

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PETRO VIETNAM TECHNICAL SERVICES CORPORATION

GENERAL INFORMATION (continued)

The Corporation's structure (continued)

				2021		2020	
			Place of	:	Voting	Owners	Voting
No.	Name	Principal activities	incorporation and operation	Ownership interest	power held	hip interest	power held
				%	%	%	%
Direc	Directly owned associates and joint ventures						
-	Vietnam Offshore Floating Terminal (Ruby) Limited ("VOFT")	Management, business and operation of the floating production storage and offloading "FPSO")	Malaysia	09	20	09	20
2	PTSC South East Asia Private Limited ("PTSC SEA")	Management, business and operation of the floating storage and offloading ("FSO")	Singapore	51	90	51	20
က	PTSC Asia Pacific Private Limited ("PTSC AP")	Management, business and operation of the floating production storage and offloading ("FPSO")	Singapore	51	20	51	20
4	Malaysia Vietnam Offshore Terminal (Labuan) Limited ("MVOT")	Management, business and operation of the floating storage and offloading ("FSO")	Malaysia	49	20	49	20
2	Rong Doi MV12 Pte. Ltd. ("MV12")	Management, business and operation of the floating storage and offloading ("FSO")	Singapore	33	33	33	33
9	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
Indire	Indirectly owned associate						
-	Thi Vai General Port Joint Stock Company	Supplying port-based services	Vung Tau City, Vietnam	21.46	36	21.46	36

As at 31 December 2021, the Corporation had 1,630 employees (as at 31 December 2020: 1,698 employees).

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11.7.1

2 SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

2.1 Basis of preparation of separate financial statements

The separate financial statements have been prepared in accordance with Vietnamese Accounting Standards, the Vietnamese Corporate Accounting System and applicable regulations on preparation and presentation of separate financial statements. The separate financial statements have been prepared under the historical cost convention.

The accompanying separate financial statements are not intended to present the separate financial position and separate results of operations and separate cash flows in accordance with accounting principles and practices generally accepted in countries and jurisdictions other than Vietnam. The accounting principles and practices utilised in Vietnam may differ from those generally accepted in countries and jurisdictions other than Vietnam.

Separately, the Corporation has also prepared consolidated financial statements of the Corporation and its subsidiaries in accordance with Vietnamese Accounting Standards, the Vietnamese Corporate Accounting System and applicable regulations on preparation and presentation of consolidated financial statements. In the consolidated financial statements, subsidiary undertakings, which are those companies over which the Corporation has the power to govern the financial and operating policies, have been fully consolidated.

Users of these separate financial statements of the Corporation should read them together with the consolidated financial statements of the Corporation and its subsidiaries for the year ended 31 December 2021 in order to obtain full information of the consolidated financial position and consolidated results of operations and consolidated cash flows of the Corporation and its subsidiaries.

The separate financial statements in the Vietnamese language are the official statutory separate financial statements of the Corporation. The separate 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.

2.3 Currency

The separate financial statements are measured and presented in Vietnamese Dong ("VND" or "Dong"). The Corporation determines its accounting currency based on the currency which is mainly used in sales of goods and rendering of services, which has a significant impact on selling prices of goods and services, which is normally used to list selling prices and receive payments; which is mainly used in purchases of goods or services, which has a significant impact on cost of labor, materials, merchandise, and other production or operating costs and normally used as payments of those costs.

In addition, the Corporation also uses this currency to raise financial resources and/or regularly collects this currency from business operation and savings.

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 separate income statement.

Monetary assets and liabilities denominated in foreign currencies at the separate balance sheet date are respectively translated at the buying and selling exchange rates at the separate balance sheet date of the commercial bank(s) where the Corporation regularly trades. Foreign currencies deposited in commercial bank(s) at the separate 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 separate income statement.

2.5 Cash and cash equivalents

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

2.6 Receivables

Receivables represent trade receivables from customers arising from sales of goods and rendering of services or non-trade receivables from others 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 not overdue but doubtful and so the Corporation may be unable to collect the debts. Receivables are written off in accordance with the current prevailing accounting regulations and the Corporation's finance management policies.

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

2.7 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, conversion 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 fiscal year and the provision of the previous fiscal year are recognised as an increase or decrease of cost of goods sold in the year.

Inventories are classified into long-term and short-term inventories on the separate balance sheet based on planned usage in the Corporation's principal activities at the separate balance sheet date.

2.8 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 on the trade date and measured at acquisition price plus directly attributable transaction costs. Post-acquisition interest income from investments held-to-maturity is recognised in the separate 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. Changes in the provision balance during the accounting period 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.

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

(b) Investments in 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.

Investments in subsidiaries are initially recorded at cost of acquisition including capital contribution value plus other expenditure directly attributable to the investments. The Corporation's share of the net profit of the subsidiaries after acquisition is recognized in the separate income statement. Other distributions received other than such profit shared are deducted from the cost of the investments as recoverable amounts.

Subsequently, the Board of Management reviews all outstanding investments to determine the amount of provision to recognise at the year-end (if any).

2.8 Investments (continued)

(c) Investments in associates and joint ventures

A joint venture is a contractual arrangement whereby the Corporation and other parties undertake an economic activity that is subject to joint control, i.e., the strategic financial and operating policy decisions relating to the activities require the unanimous consent of the parties sharing control. Joint venture arrangements that involve the establishment of a separate entity in which each venture has an interest are referred to as jointly controlled entities.

Associates are the investments that the Corporation has significant influence but not control and would generally have from 20% to under 50% in which significant influence is the power to participate in the financial and operating policy decisions of the investee but not control or joint control over those policies.

Investments in associates and joint ventures are accounted for at cost of acquisition including purchase cost or capital contribution value plus other expenditure directly attributable to the investments. The Corporation's share of the net profit of the associates and joint ventures after acquisition is recognized in the separate income statement. Other distributions received other than such profit shared are deducted from the cost of the investments as recoverable amounts.

Subsequently, the Board of Management reviews all outstanding investments to determine the amount of provision to recognise at the year-end (if any).

(d) Investments in other entities

Investment in other entity is investment in equity instruments of other entity without controlling rights or co-controlling rights, or without significant influence over the investee. This investment is initially recorded at cost. Subsequently, the Board of Management reviews all outstanding investments to determine the amount of provision to recognise at the year-end (if any).

(e) Provision for investments in subsidiaries, associates and joint ventures, and other entity

Provision for diminution in value of investments in subsidiaries, associates and joint ventures, and other entity is made in accordance with current accounting regulations and Corporation's accounting policies when there is a diminution in value of the investments at the year end. Regarding investments in listed shares or those whose fair value can be determined reliably that the Corporation plans to invest in the long-term, the provision for diminution in value is made when cost is higher than its expected recoverable value. For other investments, provision for diminution in value is made when the investees make losses, except when the loss is anticipated by the Board of Management before the date of investment.

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.

2.9 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 fiscal 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.

2.10 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 separate income statement when incurred.

2.10 Fixed assets (continued)

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 principal annual 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 rights are comprised of land use rights granted by the State for which land use fees are collected. Definite land use rights are stated at costs less accumulated amortisation. Costs of land use rights consists of the 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 separate 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, which are recorded at cost and are comprised of reparation, expansion or technology upgradation, 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.

2.11 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 separate income statement on a straight-line basis over the term of the lease.

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2 SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (continued)

2.12 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 separate income statement when incurred.

Depreciation

Investment properties held for lease

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 each asset class are as follows:

Plant and buildings

20 years

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 separate income statement.

2.13 Prepaid expenses

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

Additionally, prepayments for land rental contracts, which became effective after 2003, are also recorded as prepaid expenses in accordance with the guidance of Circular No. 45/2013/TT-BTC dated 25 April 2013 issued by Ministry of Finance and, allocated using the straight-line method in accordance with such land use right certificates.

2.14 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 separate balance sheet based on remaining term from the separate balance sheet date to the maturity date.

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2 SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (continued)

2.15 Borrowings

Borrowings include borrowings from banks.

Borrowings are classified into long-term and short-term borrowings on the separate balance sheet based on their remaining terms from the separate 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. Other borrowing costs are charged to the separate income statement when incurred. Investment income earned on the temporary investment of specific borrowings pending their expenditure on qualifying assets is deducted from the cost of those assets.

2.16 Accrued expenses

Accrued expenses include liabilities for goods and services received in the fiscal year but not yet paid due to pending invoice or insufficient records and documents. Accrued expenses are recorded as expenses in the fiscal year.

2.17 Provisions

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 measured at the expenditures expected to 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.

2.18 Unearned revenue

Unearned revenue mainly comprises the amounts that customers paid in advance for one or many fiscal years for asset leases and rendering of relevant services to the asset leases. The Corporation records unearned revenue for the future obligations that the Corporation must fulfil. Once recognition criteria have been satisfied, unearned revenue will be recognised as revenue in the separate income statement to the extent that it has met the recognition criteria.

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

2.19 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 issue price of shares; the difference between the repurchase price and re-issuing price of treasury shares.

(c) Undistributed earnings

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

2.20 Appropriation of profit after BIT

Profit after BIT could be distributed to shareholders in accordance with the Resolutions of the Annual General Meeting of Shareholders including dividend distribution and appropriation to funds in accordance with the Corporation's charter and Vietnamese regulations.

In accordance with the charter of the Corporation, dividends are recognised as a liability on the separate financial statements in the year in which the shareholder list for dividend payment is finalised according to Resolution of Board of Management 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 BIT of the Corporation and subject to shareholders' approval at the Annual General Meeting of Shareholders. This fund is used for expanding and developing the business of the Corporation in the form of additional capital contribution.

(b) Bonus and welfare fund

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

2.21 Revenue recognition

(a) Revenue from sales of goods

Revenue from sale of goods is recognised in the separate income statement when all five (5) of the 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 separate 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) of the 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 separate 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 2.9.

(d) Revenue from rendering of operating lease services

Revenue from rendering of operating lease services is recognised in the separate income statement on a straight-line basis over the lease term.

2.21 Revenue recognition (continued)

(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.

2.22 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.

2.23 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.

2.24 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.

2.25 General and administration expenses

General and administration expenses represent expenses for administrative purposes which mainly 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.

2.26 Current and deferred income tax

Income taxes include all income taxes which are based on taxable profits. Income tax expense comprises current tax expense and deferred 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.

2.26 Current and deferred income tax (continued)

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 separate 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 fiscal year when the asset is realised or the liability is settled, based on tax rates that have been enacted or substantively enacted by the separate 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.

2.27 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.

2.28 Segment reporting

A segment is a component which can be separated by the Corporation engaged in sales of goods or rendering of services ("business 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 or the Corporation's geographical segment.

Segment reporting is prepared and presented in accordance with accounting policies applied to the preparation and presentation of the Corporation's interim consolidated financial statements in order to help users of interim financial statements understand and evaluate the operations of the Corporation in a comprehensive way.

2.29 Critical accounting estimates

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

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

3 CASH AND CASH EQUIVALENTS

	2021 VND	2020 VND
Cash on hand Cash at bank Cash equivalents (*)	2,694,751,338 1,778,464,553,835 1,754,000,000,000	3,904,070,280 1,660,389,060,847 1,411,000,000,000
	3,535,159,305,173	3,075,293,131,127

^(*) Cash equivalents include term deposits in VND with the original maturity of three months or less at commercial banks and earn interest at the average rates from 2.9% to 3.5% per annum (as at 31 December 2020: 3% to 4% per annum).

INVESTMENTS (continued)

(a) Investments held-to-maturity

	Book value VND	2,071,000,000,000
2020	Cost VND	2,071,000,000,000
	Book value VND	1,639,000,000,000
2021	Cost	1,639,000,000,000 1,639,000,000
		Term deposits

Term deposits represent the value of term deposits in VND with the remaining maturity of not more than 12 months at commercial banks and earn interest at the rate from 3.7% to 6.7% per annum (as at 31 December 2020: from 4.2% to 7.5% per annum).

(b) Long-term investments

0	Provision VND	(819,971,244,459)	172,063,452,400) (799,729,584)	992,834,426,443)
2020	Cost	3,186,935,509,600	1,603,077,039,235 3,000,000,000	4,793,012,548,835
2021	Provision VND	(804,000,276,368)	(172,063,452,400) (810,237,811)	(976,873,966,579)
20	Cost	3,186,935,509,600	1,603,077,039,235 3,000,000,000	4,793,012,548,835
		Investments in subsidiaries (i)	joint ventures (ii) Investments in other entity (iii)	

INVESTMENTS (continued)

Long-term investments (continued) <u>a</u>

Investments in subsidiaries 9 Details of investments in subsidiaries are as follows:

	Provision	·	,	(17,155,046,312)	٠,	(204,999,094,147)		•	,	,		,	•		,		(597,817,104,000)	17.0	(619,971,244,459)
				(17,1		(204,9												9,0	6,819)
	Market value/Fair value	€	e e	Đ	€	Đ	Đ	Đ	e	E		€	€		٤		£		
2020	Cost	000'000'000'000	628,160,788,070	20,000,000,000	12,790,119,530	285,581,000,000	339,807,000,000	208,645,000,000	218,773,000,000	102,000,000,000		204,000,000,000	15.300.000.000		254.061.498.000		597,817,104,000	2 406 025 500 600	0,100,800,000,000
	Voting right	3 00	91	100	100	95.19	84.95	59.61	54.69	51		51	51		5		51		
	Ownership	100	100	100	100	95.19	84.95	59.61	54.69	51		51	51		51		51		
2021	Provision VND	,	ı	(20,000,000,000)	•	(186,183,172,368)	•	•	•	•		1			•		(597,817,104,000)	(804 000 276 368)	(000,012,000,000)
	Market value/Fair value VND	£	E	£	Đ	£	Đ	Đ	Đ	Đ		Đ	£	:	£	;	€		
	Cost	000'000'000'008	628,160,788,070	20,000,000,000	12,790,119,530	285,581,000,000	339,807,000,000	208,645,000,000	218,773,000,000	102,000,000,000		204,000,000,000	15,300,000,000	•	254,061,498,000		597,817,104,000	3 186 935 509 600	20,500,000,001,0
	Voting right %	100	100	100	100	95.19	84.95	59.61	54.69	51		51	51		51		51		
	Ownership %	100	100	100	100	95.19	84.95	59.61	54.69	51		51	51		51		51		
•	Сотрапу	PTSC Geos and Subsea Services Company Limited	PTSC Mechanical and Construction Services Company Limited	Petro Hotel Company Limited	PTSC Labuan Company Limited	PTSC Quang Ngai Joint Stock Company	PTSC Offshore Services Joint Stock Company	PTSC Phu My Port Joint Stock Company	PTSC Thanh Hoa Port Joint Stock Company	PTSC Production Services Joint Stock Company	Dinh Vu Petroleum Services Port Joint Stock	Company	PetroVietnam Securities Joint Stock Company	Sao Mai - Ben Dinh Petroleum Investment	Joint Stock Company	PTSC CGGV Geophysical Survey Company	Limited (**)		
	Š	-	7	m ·	4 1	2	9	7	œ	တ	5		7	12		5			

- As at 31 December 2021 and 31 December 2020, 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. *
- As at this reporting date, PTSC CGGV has stopped its operation and has been carrying out necessary procedures to dissolve its operation in accordance with approved official documents from authorities and the Resolution of the Corporation's Board of Directors. *

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INVESTMENTS (continued)

(b) Long-term investments (continued)

(ii) Investment in associates and joint ventures

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

	Fair Provision					*		*		· ·			*		(*) (106,022,400)			(*) (171,957,430,000)	(172,063,452,400)	
2020	tsoS	ZOZ				156,473,118,448		340,800,232,500		641,415,780,000			292,324,455,887		106,022,400			171,957,430,000	1,603,077,039,235	
	Voting	8	2			22		20		20			20		83			28.75		
	Ownership	- % - %	₹			09		51		51			49		33			28.75		
	Provision	CNN				1		1		1			ı		(106,022,400)			(171,957,430,000)	(172,063,452,400)	
2021	Fair	CNA				*		£		€			*		*			*		
	Cost					156,473,118,448		340,800,232,500		641,415,780,000			292,324,455,887		106,022,400			171,957,430,000	1,603,077,039,235	
	Voting	* *	?			20		20		20			20		33			28.75		
	Ownershin	1 %	2			09		51		51			49		33			28.75		
	No Company			Vietnam Offshore	Floating Terminal	(Ruby) Limited (i)	PTSC South East Asia	Private Limited (ii)	PTSC Asia Pacific	Private Limited (iii)	Malaysia Vietnam	Offshore Terminal	(Labuan) Limited (iv)	Rong Doi MV12 Private	Limited (v)	PetroVietnam Marine	Shipyard Joint Stock	Company (vi)		
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- 4 INVESTMENTS (continued)
- (b) Long-term investments (continued)
- (ii) Investment in associates and joint ventures (continued)
 - (*) As at 31 December 2021 and 31 December 2020, these are long-term investments. As a result, the fair value of such investments may be different from their book value.
 - (i) 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 exploration and production of Petronas Carigali Vietnam Limited 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. The FPSO "Ruby II" started the operation since June 2010. As at 31 December 2021 and 31 December 2020, the Corporation's capital contribution in VOFT is USD8,784,000, equivalent to VND156,473,118,448.
 - (ii) PTSC South East Asia Private Limited ("PTSC SEA") is a jointly controlled venture company established in September 2011 by the Corporation with Yinson Holdings Berhad 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 for Branch of Vietnam Oil and Gas Group Bien Dong POC about crude oil exploitation at Lot 05.2 and Lot 05.3 at Vietnamese coastline. 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. As at 31 December 2021 and 31 December 2020, the Corporation's capital contribution in PTSC SEA is USD16,320,000, equivalent to VND340,800,232,500.
 - PTSC Asia Pacific Private Limited ("PTSC AP") is a jointly controlled venture company established in 2012 by the Corporation and Yinson Holdings Berhad 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, production and processing of oil (FPSO) for Petrovietnam Exploration Production Corporation to rent to develop Lot 01/97 and Lot 02/97 of Cuu Long area in Vietnamese coastline. 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, the remaining is borrowed capital. The Corporation registered to contribute the capital obligation of USD61,198,177, equivalent to VND1,272,922,081,600, taking up 51% of its chartered capital. The Corporation had contributed capital to PTSC AP with total amount of USD51,000,000, equivalent to VND1,069,026,300. In 2018, the two joint venture parties agreed to reduce the capital contribution into PTSC AP from USD100,000,000 to USD60,000,000 at the same voting right and ownership; and PTSC AP completed its repayments of capital contribution to these owners. As at 31 December 2021 and 31 December 2020, the Corporation's contributed capital in PTSC AP is USD30,600,000 equivalent to VND641,415,780,000.

- 4 INVESTMENTS (continued)
- (b) Long-term investments (continued)
- (ii) Investment in associates and joint ventures (continued)
 - (iv) Malaysia Vietnam Offshore Terminal (Labuan) Limited ("MVOT") is a jointly controlled venture company established between the Corporation and its partner, Malaysia International Shipping Corporation Berhard ("MISC), in 2009 to:
 - invest in FSO "Orkid" with the capacity of 650,000 barrels of oil for customers to rent within 10 years for crude oil exploitation at the PM-3 commercial overlap area between Vietnam and Malaysia. MVOT signed a contract appendix with lessors about extension of lease period from 1 January 2018 to 31 December 2027; and
 - invest in FSO "Golden Star" with the capacity of 654,717 barrels of oil for crude oil exploitation at the Sao Vang Dai Nguyet Mine offshore of Vietnam with the 7-year duration since November 2020 to November 2027. The contract can be extended for another 8 years.
 - (v) 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 "MV 12" with the capacity of 300,000 barrels of oil for Korea National Oil Corporation ("KNOC") to charter from 2007; and to use for oil exploitation at Rong Doi field. As at 31 December 2021 and 31 December 2020, the Corporation's capital contribution in Rong Doi MV12 Pte. Ltd. is USD6,600, equivalent to VND106,022,400.

As at 31 December 2021 and 31 December 2020, the Corporation's capital contribution in MVOT is USD17,258,911, equivalent to VND292,324,455,887.

. INVESTMENTS (continued)

- (b) Long-term investments (continued)
- (ii) Investment in associates and joint ventures (continued)
- 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 2021 and 31 December 2020, the Corporation's PetroVietnam Marine Shipyard Joint Stock Company is a joint stock company established under the Enterprise Registration contributed capital at PetroVietnam Marine Shipyard Joint Stock Company is VND171,056,430,000, accounting for 28.75% of charter capital. $\overline{\mathbb{S}}$

(iii) Investment in other entity

Details of investment in other entity are as follows:

	Provision VND	(799,729,584)
	Fair value VND	*)
31.12.2020	Cost	3,000,000,000
	Voting right %	.49% 1.49%
	Ownership %	1.49%
	Provision VND	(810,237,811)
	Fair value VND	*)
31.12.2021	Cost	3,000,000,000
	Voting right %	1.49%
	Ownership %	1.49%
	Company	Nhon Trach Shipyard Joint Stock Company

As at 31 December 2021 and 31 December 2020, this is a long-term investment. As a result, the fair value of such investment may be different from its book value.

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. INVESTMENTS (continued)

(b) Long-term investments (continued)

(iii) Investment in other entity (continued)

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

	Total	992,834,426,443 10,508,227 (15,970,968,091)	976,873,966,579		Total VND	1,012,674,459,310 128,849,022 (19,968,881,889)	992,834,426,443
	Investments in other entity VND	799,729,584 10,508,227	810,237,811		Investments in other entity VND	776,902,962 22,826,622	799,729,584
2021	Investments in associates and joint ventures	172,063,452,400	172,063,452,400	2020	Investments in associates and joint ventures	171,957,430,000 106,022,400	172,063,452,400
	Investments in subsidiaries VND	819,971,244,459	804,000,276,368		Investments in subsidiaries VND	839,940,126,348 - (19,968,881,889)	819,971,244,459
		As at 1 January 2021 Additional provision Reversal of provisions	As at 31 December 2021			As at 1 January 2020 Additional provision Reversal of provisions	As at 31 December 2020

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5 SHORT-TERM TRADE ACCOUNTS RECEIVABLE

	2021	2020
	VND	VND
Their departies		
Third parties	007 704 004 070	106 202 172 162
TPSK Consortium	297,761,391,378	126,303,173,163
Operating Office of Idemitsu Gas		
Production (Vietnam) Co., Ltd. in		
Ho Chi Minh City	52,424,258,293	91,176,956,643
Operating Office of Premier Oil Vietnam		
Offshore B.V. in Ho Chi Minh City	18,801,307,049	19,743,765,783
Minh Anh Construction Joint Stock		
Company	16,669,265,711	16,669,265,711
Cuu Long Joint Operating Company	11,834,980,827	20,730,645,078
Thang Long Joint Operating Company	9,471,656,854	-
Hoang Long Joint Operating Company	8,826,033,532	8,224,815,107
Others	107,494,755,388	136,202,412,580
Related parties (Note 37(b))	2,400,402,489,332	2,683,727,723,335
	2,923,686,138,364	3,102,778,757,400

As at 31 December 2021 and 31 December 2020, the balances of short-term trade accounts receivable which were past due and were considered for provision of doubtful debts are presented in Note 9.

6 PREPAYMENTS TO SUPPLIERS

(a) Short-term

	2021 VND	2020 VND
Third parties		
Vietnam Machinery Installation Corporation	100,613,950,134	100,613,950,134
Black Cat Joint Stock Company	16,246,344,703	9,986,485,202
SCI E&C Joint Stock Company	13,728,101,409	13,728,101,409
Phu Xuan Construction and Consultant		
Joint Stock Company	-	12,790,191,429
Others	47,992,484,560	63,574,999,713
Related parties (Note 37(b))	107,004,980,557	142,630,392,982
	285,585,861,363	343,324,120,869

As at 31 December 2021 and 31 December 2020, there was no balance of short-term prepayments to suppliers that was past due or not past due but doubtful.

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6 PREPAYMENTS TO SUPPLIERS (continued)

(b) Long-term

	2021 VND	2020 VND
Third parties		
South Viet New Spring Corporation Hoang Lien Son Construction Company	14,526,732,593	34,628,991,731
Limited	5,377,755,690	-
Anh Minh Marine Services and Trading		
Co., LTD	-	11,108,917,448
Others	1,677,393,421	15,224,137,497
Related parties (Note 37(b))	1,316,405,634	17,136,455,852
	22,898,287,338	78,098,502,528

As at 31 December 2021 and 31 December 2020, there was no balances of long-term prepayments to suppliers which were past due.

2021

7 CONSTRUCTION CONTRACTS-IN-PROGRESS RECEIVABLES/PAYABLES

	VND	VND
Construction contracts-in-progress receivables	79,509,916,775	85,720,543,145
Construction contracts-in-progress payables	(292,132,423,826)	(63,945,055,438)
	(212,622,507,051)	21,775,487,707
In which:		
Accumulated contract costs incurred plus recognized profits less recognized losses	6,108,391,833,128	4,561,355,289,968
Amount of progress billings	(6,321,014,340,179)	(4,539,579,802,261)
	(212,622,507,051)	21,775,487,707

7 CONSTRUCTION CONTRACTS-IN-PROGRESS RECEIVABLES/PAYABLES (continued)

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

	2021 VND	2020 VND
Receivables NPK project NH3 project LNG Thi Vai warehouse EPC project	11,927,115,975	74,459,687,366 10,829,184,856 431,670,923
	79,509,916,775	85,720,543,145 ————
Payables Sao Vang - Dai Nguyet pipeline project Southern Petrochemical complex project	184,348,611,688 107,783,812,138	33,961,929,987 29,983,125,451
	292,132,423,826	63,945,055,438

8 OTHER RECEIVABLES

(a) Short-term

	2021		2020	
-	Value	Provision	Value	Provision
	VND	VND	VND	VND
Accrued revenue from rendering				
services Receivables from	231,842,952,135	-	10,264,076,515	-
subsidiaries	79,176,968,480	-	125,554,868,851	-
Interest receivables Receivables from	15,473,102,301	-	23,301,556,997	-
contract penalties	6,219,161,494	-	6,219,161,494	-
Others	43,111,276,665	(556,197,892)	63,895,064,620	(785,665,568)
	375,823,461,075	(556,197,892)	229,234,728,477	(785,665,568)
In which:				
Third parties Related parties	78,120,124,054	-	58,175,577,202	-
(Note 37(b))	297,703,337,021	(556,197,892)	171,059,151,275	(785,665,568)
	375,823,461,075	(556,197,892)	229,234,728,477	(785,665,568)

As at 31 December 2021 and 31 December 2020, the balances of other short-term receivables which were past due and were considered for provision of doubtful debts are presented in Note 9.

8 OTHER RECEIVABLES (continued)

(b) Long-term

	2021		2020	
	Value VND	Provision VND	Value VND	Provision VND
Deposits: - North East Sea Petroleum Transport Services Joint Stock				
Company - Long SBS Vietnam	34,736,526,000	-	-	-
Joint Stock Company	30,573,790,000	-	-	-
- Other third parties	6,801,478,971	-	6,780,391,684	-
Related party (*)	358,891,628,649		358,907,128,649	
	431,003,423,620	-	365,687,520,333	-

^(*) Other long-term receivables with a related party represent the value of receivables arising from the transactions between the Corporation and PTSC Quang Ngai Joint Stock Company (Note 37(b)).

As at 31 December 2021 and 31 December 2020, there was no balances of other long-term receivables which were past due.

PROVISION FOR DOUBTFUL DEBTS - SHORT-TERM

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			2021	
	Cost	Recoverable amount VND	Provision VND	Number of overdue
Third parties Related parties	66,004,848,382	62,137,362,700	3,867,485,682	Over 6 months - Over 3 years
PTSC CGGV Geophysical Survey Company Limited PetroVietnam Fertilizer and Chemicals Corporation	75,067,614,298 68,416,092,099	- 35,162,060,575	75,067,614,298 33,254,031,524	Over 2 years - Over 3 years Over 1 years - Over 3 years
PetroVietnam Domestic Exploration Production Operating Company Limited	34,991,401,253	8,865,219,165	26,126,182,088	Over 2 years - Over 3 years
Management Board of Ngni Son Kefinery and Petrochemical Complex Project Others	15,098,497,832 93,546,335,400	- 79,361,363,968	15,098,497,832 14,184,971,432	Over 3 years Over 6 months - Over 3 years
	353,124,789,264	185,526,006,408	167,598,782,856	
			2020	
	Cost	Recoverable amount VND	Provision VND	Number of overdue
Third parties	8,349,574,152	3,578,340,221	4,771,233,931	Over 6 months - Over 3 years
Kelated parties PTSC CGGV Geophysical Survey Company Limited PetroVietnam Fertilizer and Chemicals Corporation	73,352,304,143 19,285,726,751	5,839,740,126	73,352,304,143 13,445,986,625	Over 1 years - Over 3 years Over 1 years - Over 3 years
PetroVietnam Domestic Exploration Production Operating Company Limited	30,428,345,634	4,848,147,001	25,580,198,633	Over 6 months - Over 3 years
Management Board of Nghi Son Refinery and Petrochemical Complex Project Others	15,098,497,832 25,884,619,881	7,085,374,359	15,098,497,832 18,799,245,522	Over 3 years Over 6 months - Over 3 years
	172,399,068,393	21,351,601,707	151,047,466,686	

10 INVENTORIES

(a) Inventories

	2021		2020)
	Cost VND	Provision VND	Cost VND	Provision VND
Raw materials	25,295,595,142	(76,363,636)	30,284,532,395	(34,363,636)
Tools and supplies	2,002,678,461	-	4,652,222,886	-
Work in progress (*)	125,375,393,076	-	30,292,307,811	-
Merchandise	2,894,820,176	-	1,439,815,673	-
	155,568,486,855	(76,363,636)	66,668,878,765	(34,363,636)

(*) Work in progress represents the cost incurred from construction contracts of the following projects:

	2021 VND	2020 VND
Southern Petrochemical Complex project LNG Thi Vai warehouse EPC project Supply of FPSO service Others	82,125,622,748 23,522,199,969 12,575,577,235 7,151,993,124	3,344,832,788 17,943,938,123 7,441,011,158 1,562,525,742
	125,375,393,076	30,292,307,811

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

	2021 VND	2020 VND
Beginning of year Increase	34,363,636 42,000,000	34,363,636
End of year	76,363,636	34,363,636

(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.

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11 PREPAID EXPENSES

(a) Short-term

Details of short-term prepaid expenses are as follows:

	2021 VND	2020 VND
Tools and supplies	3,943,577,871	1,585,210,875
Insurance	1,519,252,968	3,521,151,864
Others	4,246,566,206	5,767,821,961
	9,709,397,045	10,874,184,700

(b) Long-term

Details of long-term prepaid expenses are as follows:

	2021 VND	2020 VND
Office rental expense at head office, No. 1-5 Le Duan street	270,158,138,070	277,130,295,474
Site clearance at Son Tra Port	90,114,098,310	92,602,218,595
Repair and maintenance costs waiting to be allocated	25,816,418,428	14,998,841,331
Prepayment for land rental at Son Tra Port	3,068,967,463	3,153,561,236
Others	8,200,356,045 	2,832,588,641
	397,357,978,316	390,717,505,277

Movement of long-term prepaid expenses during the year is as follows:

	2021 VND	2020 VND
Beginning of year Increase Allocation	390,717,505,277 26,384,499,952 (19,744,026,913)	391,995,756,090 13,467,696,940 (14,745,947,753)
End of year	397,357,978,316	390,717,505,277

12 FIXED ASSETS

(a)

Others Total VND VND	9,074 5,059,997,510,775 0,000 2,149,600,000	- 132,479,131,068 - (233,496,029,098) - (156,330,019)	9,074 4,960,973,882,726	4,836 3,907,986,678,214 5,968 169,687,285,662 - (233,496,029,098) - (69,276,744)	1,804 3,844,108,658,034	4,238 1,152,010,832,561	7,270 1,116,865,224,692
ğ	2,234,719,074 321,500,000		2,556,219,074	1,693,164,836 317,676,968 -	2,010,841,804	541,554,238	545,377,270
Office equipment VND	95,679,132,306 1,232,900,000	- (16,482,654,510) 332,610,000	80,761,987,796	91,792,712,148 3,093,205,825 (16,482,654,510) (69,654,137)	78,333,609,326	3,886,420,158	2,428,378,470
Motor vehicles VND	3,593,904,884,162	131,977,849,250 (215,359,990,000) (5,747,932,256)	3,504,774,811,156	2,827,470,069,189 128,839,030,715 (215,359,990,000) 189,552,458	2,741,138,662,362	766,434,814,973	763,636,148,794
Machinery VND	138,337,895,391 595,200,000	- (1,622,153,441) 4,896,757,828	142,207,699,778	126,436,440,974 10,499,591,894 (1,622,153,441) (189,175,059)	135,124,704,368	11,901,454,417	7,082,995,410
Plant and buildings	1,229,840,879,842	501,281,818 (31,231,147) 362,234,409	1,230,673,164,922	860,594,291,067 26,937,780,260 (31,231,147) (6)	887,500,840,174	369,246,588,775	343,172,324,748
Tangible fixed assets	Historical cost As at 1 January 2021 New purchases	in progress (Note 14) Disposals Others	As at 31 December 2021	Accumulated depreciation As at 1 January 2021 Charge for the year Disposals Others	As at 31 December 2021	Net book value As at 1 January 2021	As at 31 December 2021

The historical cost of fully depreciated tangible fixed assets but still in use as at 31 December 2021 was VND3,104 billion (as at 31 December 2020: VND3,227 billion).

As at 31 December 2021, the Corporation has pledged its tangible fixed assets formed from borrowings as collateral assets for the borrowings of the Corporation (Note 23) whose historical cost is VND1,200 billion (as at 31 December 2020: VND1,068 billion).

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12 FIXED ASSETS (continued)

(b) Intangible fixed assets (continued)

	Land use rights VND	Patents VND	Others VND	Total VND
Historical cost As at 1 January 2021 Disposals Others (*)	1,310,220,000 - -	53,057,447,229 (282,012,368) (11,591,290,651)	132,000,000	54,499,667,229 (282,012,368) (11,591,290,651)
As at 31 December 2021	1,310,220,000	41,184,144,210	132,000,000	42,626,364,210
Accumulated amortisation As at 1 January 2021 Charge for the year Disposals Others (*) As at 31 December 2021	379,599,850 26,204,400 - - 405,804,250	44,702,439,107 3,957,090,509 (282,012,368) (11,591,290,651) ————————————————————————————————————	132,000,000	45,214,038,957 3,983,294,909 (282,012,368) (11,591,290,651) ————————————————————————————————————
Net book value As at 1 January 2021	930,620,150	8,355,008,122	_	9,285,628,272
As at 31 December 2021	904,415,750	4,397,917,613	-	5,302,333,363

The historical cost of fully amortised intangible fixed assets but still in use as at 31 December 2021 was VND35 billion (as at 31 December 2020: VND35 billion).

(*) The Corporation does not continue to renew the rights of use for some software copyrights expired.

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13 INVESTMENT PROPERTIES

	Buildings VND
Historical cost As at 1 January 2021 and 31 December 2021	49,793,402,682
Accumulated depreciation As at 1 January 2021 Charge for the year	13,693,185,766 2,489,670,144 ———————————————————————————————————
As at 31 December 2021 Net book value As at 1 January 2021	16,182,855,910 ————————————————————————————————————
As at 31 December 2021	33,610,546,772

13 INVESTMENT PROPERTIES (continued)

Investment properties represent the value of wharfs being constructed and held for lease.

In 2021, revenue from investment properties is VND4.788.000.000 (in 2020: VND4.347.000.000). Direct expenses incurred from investment properties relating to revenue from leasing in 2020 are VND2.489.670.139 (in 2019: VND2.489.670.139).

The Corporation has not been collected sufficient information of similar properties as a basis for fair value comparison, therefore fair value of the investment properties as at 31 December 2021 has not been disclosed in the separate 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 separate balance sheet date.

14 LONG-TERM ASSETS IN PROGRESS

(a) Long-term work in progress

Long-term work in progress represents the work in progress of Long Phu 1 Thermal Power Plant Project for foreign design by Black & Veatch International ("the Contractor"). By the time of preparing the separate financial statements, the Corporation and the investor have not finalized the value of this item. 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 were established under Decision No.0934/QD-PTSCLP dated 21 December 2017, accordingly, the Corporation decided to make provision for net realizable value of the cost with total amount of VND301,308,440,489.

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14 LONG-TERM ASSETS IN PROGRESS (continued)

(b) Construction in progress

Details of construction in progress are as below:

	2021 VND	2020 VND
Land use right of Lot 1838.9m2 at 266 Le Loi, Vung Tau City MP Manuver vessel Others	49,463,685,500 - 497,710,203 - 49,961,395,703	119,042,319,850 552,940,337 119,595,260,187

Movements of construction in progress during the year are as follows:

	2021 VND	2020 VND
Beginning of year Increase Transfer to tangible fixed assets (Note 13(a)) Transfer to intangible fixed assets	119,595,260,187 62,845,266,584 (132,479,131,068)	1,743,970,405 128,609,241,610 (9,649,998,828) (1,107,953,000)
End of year	49,961,395,703	119,595,260,187

15 DEFERRED INCOME TAX ASSETS

Deferred income tax assets and liabilities are offset when there is a legally enforceable right to offset current tax assets against current tax liabilities and when the deferred income taxes relate to the same taxation authority. The details were as follows:

	2021 VND	2020 VND
Deferred tax assets: Deferred tax assets to be recovered after more than 12 months	83,565,571,486 	142,108,446,462
Deferred tax liabilities: Deferred tax liabilities to be recovered after more than 12 months	83,565,571,486	(1,659,626,421) 140,448,820,041

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

	2021 VND	2020 VND
Beginning of year Separate income statement charge	140,448,820,041 (56,883,248,555)	143,932,063,208 (3,483,243,167)
End of year	83,565,571,486	140,448,820,041

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15 DEFERRED INCOME TAX ASSETS (continued)

In which, deferred income tax mainly arises from the temporary differences of the following items:

	2021 VND	2020 VND
Accrued expenses and provisions for liabilities	73,321,363,961	142,104,069,998
Loss/(Gain) from foreign currency translation at year end	10,243,020,736	(1,659,626,421)
Depreciation expense	1,186,789	4,376,464
	83,565,571,486 —————	140,448,820,041

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

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 is subject to review and approval of the tax authorities and 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 loss	Loss incurred VND	Loss utilised VND	forward VND
2019	292,090,335,343	-	292,090,335,343
2020	149,826,716,178	-	149,826,716,178
2021	1,694,986,297	-	1,694,986,297

The Corporation did not recognise deferred income tax assets relating to the above tax losses carried forward, as the realisation of the sufficient related tax benefit through future taxable income currently cannot be assessed as probable.

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	20	2021	20	2020
	Value	Able-to-pay amount VND	Value VND	Able-to-pay amount VND
Third parties Vietnam Machinery Installation Corporation				
- Joint Stock Company South Viet New Spring Comparation	59,992,827,687	59,992,827,687	59,992,827,687	59,992,827,687
SCI E&C Joint Stock Company	45,912,280,686	45 912 280 686	50 408 108 196	- 50 408 108 196
Hai Duong Company Limited	44,197,707,828	44,197,707,828		00-100-100-100-100-100-100-100-100-100-
Saigon Shipyard Company Limited	42,062,400,000	42,062,400,000	42,062,400,000	42,062,400,000
Asia Investment and Asset Management Joint Stock Company	35,831,702,252	35,831,702,252	51,450,955,630	51,450,955,630
Fecon Corporation	33,924,635,591	33,924,635,591	34,657,770,927	34,657,770,927
North East Sea Petroleum Transport Services				
Joint Stock Company	24,827,000,000	24,827,000,000	•	•
Thanh An Trading and Service Company Limited	18,314,725,000	18,314,725,000	•	•
Black & Veatch International Co.	14,379,892,254	14,379,892,254	14,564,973,764	14,564,973,764
Lam Hong Diving Service Company Limited	13,708,162,384	13,708,162,384	12,887,442,981	12,887,442,981
Anh Minh Marine Services and Trading Company Limited	12,701,808,769	12,701,808,769	•	•
Minh Anh Construction Joint Stock Company	12,412,981,569	12,412,981,569	12,412,981,569	12,412,981,569
Toisa Limited	11,583,707,491	11,583,707,491	11,720,164,778	11,720,164,778
Bach Dang Construction Corporation - Joint Stock Company	10,139,686,237	10,139,686,237	12,610,848,538	12,610,848,538
Tan Cang Offshore Services Joint Stock Company	9,607,374,852	9,607,374,852	21,165,016,795	21,165,016,795
Hai Duong Company Limited	•	•	151,717,794,166	151,717,794,166
Seahorse Marine and Energy Joint Stock Company	•	•	5,812,912,909	5,812,912,909
Others	299,652,879,828	299,652,879,828	320,123,526,033	320,123,526,033
Related parties (Note 37(b))	1,950,643,204,255	1,950,643,204,255	2,147,443,450,319	2,147,443,450,319
	2,698,442,316,139	2,698,442,316,139	2,949,031,174,292	2,949,031,174,292

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17 ADVANCES FROM CUSTOMERS

(a) Short-term

2021 VND	2020 VND
54,408,599,849	149,587,366,234
17,540,255,268	11,266,807,693
8,030,885,544	-
6,107,570,056	6,107,570,056
18,217,039,298	12,203,550,142
37,795,592,179	319,530,000
142,099,942,194	179,484,824,125
	VND 54,408,599,849 17,540,255,268 8,030,885,544 6,107,570,056 18,217,039,298 37,795,592,179

(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 Thermal Plant project with the balance as at 31 December 2021 of VND781,044,054,435 (as at 31 December 2020: VND778,479,407,707); and
- The advances from PetroVietnam Gas Joint Stock Corporation for the LNG Thi Vai warehouse EPC project and Sao Vang - Dai Nguyet pipeline project with the balance as at 31 December 2021 of VND65,986,958,343 (as at 31 December 2020: VND141,237,895,281).

TAX AND OTHER (RECEIVABLES) FROM/PAYABLES TO THE STATE 2

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2020 VND	(6,932,783,505)	14,018,108,768	17,176,349,327	3,057,352,906	27,319,027,496	
2021 VND	630,313,049	2,903,245,999	3,620,544,729	5,365,440,374	12,519,544,151	
	BIT	Value added tax	Personal income tax	Others		

Movements of taxes and other receivables from/payables to the State during the year are as follows:

As at 31.12.2021 VND	630,313,049 2,903,245,999 3,620,544,729 5,365,440,374	12,519,544,151
Paid during the year VND	(101,048,681,769) (60,903,960,593) (75,233,659,338) (75,567,644,192) (1,509,093,971)	(314,263,039,863)
Payable during the year VND	108,611,778,323 49,789,097,824 61,677,854,740 77,875,731,660 1,509,093,971	299,463,556,518
As at 1.1.2021 VND	(6,932,783,505) 14,018,108,768 17,176,349,327 3,057,352,906	27,319,027,496
	BIT Value added tax Personal income tax Withholding tax Khác	

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19 SHORT-TERM ACCRUED EXPENSES

	2021 VND	2020 VND
Cost of Southern Petrochemical Complex project Cost of supply FSO refrigerated LPG in the	180,846,215,896	127,201,283,312
North of Vietnam	48,325,341,906	-
Cost of PVN 15 project	45,709,917,243	45,709,917,243
Cost of vessels for Nghi Son Refinery and Petrochemicals Complex project Cost of NH3 project Cost of LNG Thi Vai warehouse EPC project Cost of Long Phu Thermal Power Plant 1 project Cost of NPK project Cost of packages of services for Nghi Son Refinery and Petrochemicals Plant Cost of Sao Vang - Dai Nguyet pipeline	11,219,101,243 8,551,130,249 4,729,162,365 5,482,085,962 2,222,461,257 1,519,736,590	7,722,023,922 8,535,629,539 19,830,704,388 1,675,927,248 18,444,186,002 4,400,296,906
project	_	223,289,218,541
Cost of GPP Ca Mau project	-	9,763,729,250
Others	29,703,702,826	31,853,163,563
	338,308,855,537	498,426,079,914

20 UNEARNED REVENUE

The unearned revenue 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 ships and maritime services in 15 years since 2019.

21 OTHER SHORT-TERM PAYABLES

(a) Short-term

	2021 VND	2020 VND
Shipbuilding Industry Corporation (i)	414,334,908,728	420,093,454,966
Payables to employees	11,751,163,404	22,555,707,280
Dividend payables (ii)	8,545,046,574	5,804,775,274
Others	23,080,491,351	24,512,825,578
Related parties (Note 37(b))	14,966,394,977	8,085,693,775
	472,678,005,034	481,052,456,873

- (i) Payable to Vietnam Shipbuilding Industry Corporation is the last payment for the project of building FSO, in which, the Corporation is the project's investor and Vietnam Shipbuilding Industry Corporation is the constructor. Currently, both parties are carrying out the procedures to finalize the contract for payment of this amount.
- (ii) Dividend payables to non-custodial shareholders represent the dividends of the previous years which these shareholders have not yet proceeded to receive.

(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 ships 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 VND 69,473,052,000.

21 OTHER SHORT-TERM PAYABLES

	2021 VND	2020 VND
Shipbuilding Industry Corporation (i)	414,334,908,728	420,093,454,966
Payables to employees	11,751,163,404	22,555,707,280
Dividend payables (ii)	8,545,046,574	5,804,775,274
Others	23,080,491,351	24,512,825,578
Related parties (Note 37(b))	14,966,394,977	8,085,693,775
	472,678,005,034	481,052,456,873

- (i) Payable to Vietnam Shipbuilding Industry Corporation is the last payment for the project of building FSO, in which, the Corporation is the project's investor and Vietnam Shipbuilding Industry Corporation is the constructor. Currently, both parties are carrying out the procedures to finalize the contract for payment of this amount.
- (ii) Dividend payables to non-custodial shareholders represent the dividends of the previous years which these shareholders have not yet proceeded to receive.

BORROWINGS 22

Short-term (a

As at 31.12.2021 VND	- 79,058,766,772	79,058,766,772	
Foreign exchange differences VND	- (477,400,000)	(477,400,000)	Foreign
Current portion VND	- 79,203,691,772	79,203,691,772	
Repayment VND	(2,000,000,000) (101,341,906,772)	(103,341,906,772)	
Drawdown VND	2,000,000,000	2,000,000,000	
As at 1.1.2021 VND	101,674,381,772	101,674,381,772	
	Bank loans Current portion (Note 22(b))		Long-term

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As at 31.12.2021 VND	455,394,998,407	
exchange differences VND	_	
Current portion VND	(79,203,691,772)	
Repayment VND	1	
Drawdown VND	99,481,706,082	
As at 1.1.2021 VND	435,223,546,597	
	Bank loans	

Long-term borrowings represent 4 credit facilities from commercial banks in Vietnam, in which:

- Credit facility 1 is in VND with the credit limit of more than VND670 billion and will be matured in 120 months since 2018;
- Credit facility 2 is in VND with the credit limit of more than VND 25 billion and will be matured in 72 months since 2016; and Credit facility 3 is in USD with the credit limit of more than USD10 million and will be matured in 84 months since 2015;
 - Credit facility 4 is in VND with the credit limit of more than VND692 billion and will be matured in 96 months since 2021.

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.

22 BORROWINGS (continued)

(b) Long-term (continued)

The interest of long-term borrowings in VND ranged from 2.92% per annum to 8.1% per annum in year 2021 (year 2020: from 3% per annum to 9.3% per annum). The interest of long-term borrowings in USD ranged from 2.97% per annum to 3.14% per annum in year 2021 (year 2020: from 3.17% per annum to 5.02% per annum).

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

The repayment schedule of long-term borrowing are as follows:

	2021 VND	2020 VND
Within one year	79,058,766,772	101,674,381,772
In the second year	71,157,799,069	65,073,722,579
In the third to fifth year	213,473,397,208	185,074,912,009
After five years	170,763,802,130	185,074,912,009
Payment within 12 months	79,058,766,772	101,674,381,772
	534,453,765,179	536,897,928,369

23 PROVISIONS FOR OTHER LIABILITIES

(a) Short-term

	2021 VND	2020 VND
Provision for guarantee obligation (ii)	314,751,241,602	318,802,359,240
Provision for operation and maintenance of FPSO Lam Son (iii)	41,579,866,001	40,741,009,201
Provision for periodic overhaul of service vessels (iv)	6,989,072,165	27,392,086,417
Provision for construction warranty of GPP Ca Mau project	-	12,933,752,687
	363,320,179,768	399,869,207,545

23 PROVISIONS FOR OTHER LIABILITIES (continued)

(b) Long-term

	2021 VND	2020 VND
Provision for construction warranty (i): Sao Vang - Dai Nguyet pipeline project NPK project NH3 project	66,621,273,873 5,369,614,670 4,828,044,991	- 5,369,614,670 10,174,081,141
	76,818,933,534	15,543,695,811

- (i) Provision for construction warranty is made for warranty obligations according to the terms and conditions of EPC contracts with customers, from 1% to 3% of the contract value.
- (ii) Provisions for guarantee obligations are made against the Corporation's guarantee obligations for PTSC CGGV's borrowing balance with CGG Holding BV, a foreign company that contributes capital to the establishment of PTSC CGGV. As at 31 December 2020, the borrowing balance of PTSC CGGV is USD 26,926,670.91. As described in Note 4(b), PTSC CGGV has ceased its operations and is implementing the necessary procedures for dissolution. The Corporation assesses the possibility that this subsidiary can repay the above borrowing is uncertain.
- (iii) Provision for operation and maintenance costs of FPSO Lam Son is the value that the Corporation may be payable to PetroVietnam Exploration and Development Corporation ("PVEP") in relation to the Settlement Agreement for the contract signed between the Corporation and Lam Son Joint Operating Company ("Lam Son JOC"), a joint venture between PVEP and Petronas.
- (iv) 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 separate income statement of respective fiscal year.

24 BONUS AND WELFARE FUND

	2021 VND	2020 VND
Beginning of year Appropriation from undistributed earnings	197,674,753,005	199,772,053,173
(Note 26) Utilisation	215,000,000,000 (71,062,117,896)	69,212,814,451 (71,310,114,619)
End of year	341,612,635,109	197,674,753,005

25 OWNERS' CAPITAL

(a) Number of shares

	2021		202	20
_	Ordinary shares	Preference shares	Ordinary shares	Preference shares
Number of shares registered	477,966,290 ———	-	477,966,290	-
Number of shares issued Number of shares repurchased	477,966,290	-	477,966,290	-
Number of existing shares in circulation	477,966,290	-	477,966,290	-

(b) Details of owners' shareholding

	2021		2020	
	Ordinary shares	%	Ordinary shares	%
Vietnam Oil and Gas Group	245,565,000	51.38	245,565,000	51.38
Others	232,401,290	48.62	232,401,290	48.62
Number of shares	477,966,290	100	477,966,290	100

(c) Movement of share capital

	Number of shares	Ordinary shares VND	Total VND
As at 1 January 2020 New shares issued	477,966,290	4,779,662,900,000	4,779,662,900,000
As at 31 December 2020 New shares issued	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

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

PETROVIETNAM TECHNICAL SERVICES CORPORATION

26 MOVEMENTS IN OWNERS' EQUITY

Total	8,065,486,467,257 759,338,195,834	(69,212,814,451) (477,966,290,000)	8,277,645,558,640 675,988,710,649	1	(215,000,000,000) (477,966,000,000)	8,260,668,269,289
Post-tax undistributed earnings VND	609,703,317,627 759,338,195,834	(69,212,814,451) (477,966,290,000)	821,862,409,010 675,988,710,649	(75,933,819,583)	(215,000,000,000) (477,966,000,000)	728,951,300,076
Bond conversion option VND	2,636,503,189,630	1 1	2,636,503,189,630	75,933,819,583	1 1	2,712,437,009,213
Share premium VND	39,617,060,000		39,617,060,000	1	• •	39,617,060,000
Owners' capital VND	4,779,662,900,000		4,779,662,900,000	1		4,779,662,900,000
	As at 1 January 2020 Net profit for the year	Appropriation to boiling and welfare fund Dividends paid	As at 31 December 2020 Net profit for the year	Appropriation to investment and development fund (*)	Appropriation to boints and welfare fund (Note 24) (*) Dividends paid (*)	As at 31 December 2021

According to the Resolution No.134/NQ-DVKT-DHDCD dated 28 April 2021 of the Corporation's Shareholders Annual General Meeting, the shareholders approved the dividend of 2020 with the rate of 10% in cash equivalent to VND477,966,000,000; and appropriation to bonus and welfare fund; appropriation to reward fund for management with the total amount of VND215,000,000,000 and Investment and development fund with the total amount of VND75,933,819,583. *

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27 OFF SEPARATE BALANCE SHEET ITEMS

Foreign currencies

As at 31 December 2021 and 31 December 2020, included in cash and cash equivalents are balances held in following foreign currencies:

	2021 VND	2020 VND
US Dollar (USD) British Pound (GBP) Russian Rubble (RUB)	60,731,750 244,708 1,532,395	55,893,283 244,715 1,533,253
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28 NET REVENUE FROM SALES OF GOODS AND RENDERING OF SERVICES

TALL INCALLACE LINGING CALLED OF GOODS IN		
	2021 VND	2020 VND
Revenue		
Revenue from rendering of services	3,918,840,951,420	5,174,680,514,302
Revenue from construction contracts	1,572,949,335,759	2,686,908,937,371
Revenue from sales of finished goods	2,486,743,081	17,873,218,555
	5,494,277,030,260	7,879,462,670,228
Sale deduction	_	
Sale deduction		
Net revenue from sales of goods and rendering of services		
Net revenue from rendering of services	3,918,840,951,420	5,174,680,514,302
Net revenue from construction contracts (*)	1,572,949,335,759	2,686,908,937,371
Net revenue from sales of finished goods	2,486,743,081	17,873,218,555
	5,494,277,030,260	7,879,462,670,228
(*) In which:	2021	2020
	VND	VND
Accumulated revenue from completed		
construction contracts in the year	-	170,713,361,962
Accumulated revenue from in progress construction contracts during the year	5,925,861,459,314	4,378,824,916,154
	5,925,861,459,314	4,549,538,278,116

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29	COST OF	GOODS SOLE	AND SERV	/ICES RENDERED
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		2021 VND	2020 VND
	Cost of services rendered	3,618,447,965,598	5,132,889,516,737
	Cost of construction contract	1,556,499,605,353	2,625,480,519,763
	Cost of merchandises sold	2,394,678,085	17,153,580,597
		5,177,342,249,036	7,775,523,617,097
30	FINANCIAL INCOME		
		2021 VND	2020 VND
		VIND	VIND
	Dividend income and profit distributed	868,393,421,511	1,034,976,082,344
	Interest income	133,168,863,830	137,505,047,253
	Foreign exchange gains	39,629,222,167	81,567,887,837
		1,041,191,507,508	1,254,049,017,434
31	FINANCIAL EXPENSES		
		2021	2020
		VND	VND
	Foreign exchange losses	48,602,939,150	66,012,369,510
	Interest expenses	38,167,679,647	49,414,244,423
	Reversal of provision for diminution in		
	value of investments	(15,960,459,863)	(19,840,032,867)
	Others	865,953,563	98,570,036
		71,676,112,497	95,685,151,102

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32	SELLING EXPENSES		
		2021 VND	2020 VND
	Marketing expenses Others	11,522,588,283 20,311,707,676	13,893,473,676 25,926,966,156
		31,834,295,959	39,820,439,832
33	GENERAL AND ADMINISTRATION EXPE	NSES	
		2021 VND	2020 VND
	Staff costs Outside services expenses Provision /(reversal of provision for	236,197,956,988 109,689,458,100	232,819,951,929 121,492,352,442
	doubtful debts) Depreciation and amortisation Others	9,962,228,832 12,917,710,920 56,463,719,291	(48,587,744,580) 20,035,802,377 72,728,491,260
		425,231,074,131	398,488,853,428
34	NET OTHER INCOME AND OTHER EXPE	NSES	
		2021 VND	2020 VND
	Other income Reversal of provision warranty of construction contract Fines Gains on disposal of fixed assets Others	12,933,752,687 2,538,248,898 446,292,727 178,356,757	- - 8,001,834,903 2,523,700,793
		16,096,651,069	10,525,535,696
	Other expenses Penalties Others	776,253,379 3,221,466,336 —————— 3,997,719,715	561,003,451 3,118,702,923 ————— 3,679,706,374

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35 BIT

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

	2021 VND	2020 VND
Accounting profit before tax In which:	841,483,737,499	830,839,455,525
Adjustment decreases amounts Adjustment increases amounts	(918,866,735,863) 75,688,012,067	(1,043,274,214,452) 62,608,042,749
Loss from normal business activities Tax rate	(1,694,986,297) 20%	(149,826,716,178) 20%
BIT from normal business activities	-	-
Taxable income from profit sharing from overseas investments Tax rate	569,726,467,732 20%	374,754,000,000 20%
	113,945,293,546	74,950,800,000
Adjustment for under-provision in previous years Adjustment for tax paid overseas	(8,454,916,654) 3,121,401,431	(6,932,783,505)
BIT from profit sharing from overseas investments	108,611,778,323	68,018,016,495
BIT	108,611,778,323	68,018,016,495

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36 COST OF OPERATION BY FACTOR

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

	2021 VND	2020 VND
Raw materials Staff costs Depreciation and amortisation expenses Cost of construction contracts Outside service expenses Others	198,485,249,867 707,019,047,861 176,160,250,715 1,565,721,691,177 2,845,191,905,002 145,827,194,219	256,262,760,315 790,089,828,303 196,036,112,222 2,598,565,559,611 4,235,110,785,644 137,767,864,262
	5,638,405,338,841	8,213,832,910,357

37 RELATED PARTY DISCLOSURES

Name

The largest shareholder of the Corporation is PVN which owns 51.38% of the Corporation's share capital (Note 26).

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:

Relationship

Company in PVN Group

Vietnam Oil and Gas Group	Parent company
PTSC Ca Rong Do Limited	Company in PVN Group
PetroVietnam Exploration Production Corporation	Company in PVN Group
Dung Quat Shipbuilding Industry Company Limited	Company in PVN Group
PetroVietnam Drilling and Well Services Corporation	Company in PVN Group
PetroVietnam Transportation Corporation	Company in PVN Group
Vietnam Public Joint Stock Commercial Bank	Company in PVN Group
PetroVietnam Construction Joint Stock Company	Company in PVN Group
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

Petroleum General Service Joint Stock Corporation

37 RELATED PARTY DISCLOSURES (continued)

Name (continued)	Relationship
Nghi Son Refining and Petrochemical Company Limited Nghi Son Refinery and Petrochemical Complex Project Management Board	Company in PVN Group Company in PVN Group
Bien Dong Petroleum Operating Company	Company in PVN Group Company in PVN Group
Long Phu 1 Power Plant Project Management Board 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
Cuu Long Petroleum Operating Company Petro Vietnam Coating Joint Stock Company	Company in PVN Group Company in PVN Group

(a) Related party transactions

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

	2021 VND	2020 VND
i) Sales of goods and services		
PetroVietnam Exploration Production Corporation Limited PetroVietnam Gas Joint Stock Corporation Bien Dong Petroleum Operating Company Nghi Son Refinery and Petrochemical Limited Liability Company PTSC Ca Rong Do Limited Malaysia Vietnam Offshore Terminal (Labuan) Limited PetroVietnam Drilling & Well Service Corporation Vietnam Offshore Floating Terminal (Ruby) Limited Other PVN Group companies Subsidiaries PTSC Mechanical and Construction Services Company Limited PTSC Offshore Services Joint Stock Company PTSC Thanh Hoa Port Joint Stock Company PTSC Geos and Subsea Services Company Limited Other subsidiaries	1,126,047,295,608 826,361,231,719 455,630,863,621 318,002,400,483 167,778,181,818 81,348,607,725 27,743,504,420 	1,391,976,062,871 2,112,548,864,973 488,948,974,988 314,046,092,714 116,585,561,174 48,449,821,509 32,920,731,427 234,345,506,388 97,936,735,573 101,748,755,487 22,108,519,742 10,485,245,630 32,385,173,145 5,004,486,045,621

37 RELATED PARTY DISCLOSURES (continued)

(a) Related party transactions (continued)

		2021 VND	2020 VND
ii)	Dividend received		
	Vietnam Offshore Floating Terminal (Ruby) Limited PTSC Asia Pacific Pte. Ltd PTSC South East Asia Private Limited Subsidiaries	275,760,000,000 175,873,500,000 92,493,600,000	280,200,002,080 - 94,554,000,000 -
	PTSC Mechanical and Construction Services Company Limited PTSC Offshore Services Joint Stock Company PTSC Production Services Joint Stock	170,731,445,474 50,971,050,000	579,565,791,433 23,786,490,000
	Company Other subsidiaries	30,600,000,000 71,963,826,037	20,400,000,000 36,469,798,831
		868,393,421,511	1,034,976,082,344
iii)	Purchases of goods and services		
	PTSC Asia Pacific Private Limited PTSC Ca Rong Do Joint Venture	600,250,419,680	732,072,346,473 962,713,183,118
	PTSC South East Asia Private Limited Other PVN Group companies	182,314,152,025 118,793,727,602	203,879,368,750 65,829,166,092
	Subsidiaries PTSC Offshore Services Joint Stock Company PTSC Production Services Joint Stock	451,956,739,257	669,683,807,278
	Company	383,372,935,945 349,143,851,445	386,834,208,742 96,167,645,832
	PTSC Quang Ngai Joint Stock Company PTSC Thanh Hoa Port Joint Stock Company Other subsidiaries	343,758,784,843 41,527,284,206	245,516,670,725 248,140,209,784
	Other Substitution	2,471,117,895,003	3,610,836,606,794

PETROVIETNAM TECHNICAL SERVICES CORPORATION		Form B 09 – DN		
37	RE	LATED PARTY DISCLOSURES (continued)		
(b)	Rel	ated party transactions (continued)	2021 VND	2020 VND
	iv)	Compensation of key management		
		Gross salaries and other benefits	21,950,121,000	23,713,533,000
		In which:		
		Mr. Phan Thanh Tung - Chairman of BOD Mr. Le Manh Cuong - President and Chief	2,008,745,000	2,265,616,200
		Executive Officer, Member of BOD Mr. Nguyen Xuan Ngoc - Member of BOD Mr. Do Quoc Hoan - Member of BOD Mr. Luu Duc Hoang - Member of BOD Others	2,110,718,000 1,470,798,000 1,614,248,000 1,452,566,000 13,293,046,000	2,211,771,000 1,689,392,600 1,889,144,000 1,671,172,600 13,986,436,600
(b)	Ye	ar end balances with related parties		
			2021 VND	2020 VND
	i)	Short-term trade accounts receivable (Note 5)		
		PetroVietnam Exploration Production Corporation Limited PetroVietnam Long Phu 1 Thermal Power	1,615,173,949,593	1,510,244,555,501
		Project Management Board PetroVietnam Gas Joint Stock Corporation Nghi Son Refinery And Petrochemical Limited	156,738,176,730 122,240,604,869	151,225,238,914 397,464,702,250
		Liability Company PetroVietnam Fertilizer and Chemicals	76,679,225,589	71,111,510,041
		Corporation - Joint Stock Company Bien Dong Petroleum Operating Company Nghi Son Refinery and Petrochemical Complex	68,416,092,099 60,024,745,241	60,197,518,266 105,474,456,986
		Project Management Board PetroVietnam Domestic Exploration Production	37,203,110,659	37,203,110,659
		Operating Company Limited Malaysia Vietnam Offshore Terminal (Labuan)	35,269,427,044	52,035,155,862
		Limited	19,621,379,368	30,707,153,348
		PetroVietnam Drilling & Well Service Corporation	43,139,763,224	6,708,056,223
		Other PVN Group companies Subsidiaries PTSC CCGV Geophysical Survey Company	14,382,120,450	91,916,113,508
		PTSC CGGV Geophysical Survey Company Limited	75,067,614,298	75,828,137,236
		PTSC Offshore Services Joint Stock Company PTSC Mechanical and Construction Services	42,462,454,960	51,781,532,241
		Company Limited Other subsidiaries	11,727,628,772 22,256,196,436	15,321,329,684 26,509,152,616
			2,400,402,489,332	2,683,727,723,335

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37 RELATED PARTY DISCLOSURES (continued)

(b) Year end balances with related parties (continued)

Yea	ar end balances with related parties (continued	4)	
		2021 VND	2020 VND
ii)	Short-term prepayments to supplier (Note 6(a))		
	PetroVietnam Marine Shipyard Joint Stock Company Subsidiaries	2,225,926,853	1,033,416,496
	PTSC Offshore Services Joint Stock Company	64,452,016,395	73,389,532,559
	PTSC Quang Ngai Joint Stock Company	29,768,832,999	40,352,026,743
	PTSC Thanh Hoa Port Joint Stock Company	10,558,204,310	27,855,417,184
		107,004,980,557	142,630,392,982
iii)	Long-term prepayments to suppliers (Note 6(b))		
,			
	Subsidiaries PTSC Quang Ngai Joint Stock Company Other subsidiaries	1,316,405,634	1,316,405,634 15,820,050,218
		1,316,405,634	17,136,455,852
iv)	Other short-term receivables (Note 8(a))		
	PetroVietnam Exploration Production	10,047,098,575	741,698,418
	Corporation Limited	10,047,090,373	741,000,410
	Nghi Son Refinery and Petrochemical Limited Liability Company	11,974,889,962	5,412,481,470
	Vietnam Oil and Gas Group	10,632,042,898	10,632,042,898
	Russia - Vietnam Joint Venture Vietsopetro	167,778,181,818	-
	Other PVN Group companies	18,094,155,288	28,718,059,638
	Subsidiaries	-	-
	PTSC Quang Ngai Joint Stock Company	30,315,308,221	75,921,308,221
	Petro Hotel Company Limited	24,601,517,301	28,876,582,408
	PTSC Thanh Hoa Port Joint Stock Company	18,507,484,206	18,507,484,206
	PTSC Offshore Services Joint Stock Company	4,953,710,119	1,475,924,333
	Other subsidiaries	798,948,633	773,569,683
		297,703,337,021	171,059,151,275

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RELATED PARTY DISCLOSURES (continued) 37

(b)

Yea	r end balances with related parties (continu	ed)	
		2021 VND	2020 VND
v)	Other long-term receivables (Note 8(b))		
	Subsidiary PTSC Quang Ngai Joint Stock Company	358,891,628,649	358,907,128,649
vi)	Short-term trade accounts payable (Note 17)		
	PTSC Asia Pacific Private Limited PTSC South East Asia Private Limited PetroVietnam Marine Shipyard Joint Stock Company PetroVietnam Coating Joint Stock Company Petrovietnam Urban Development Joint-Stock Company Other PVN Group companies Subsidiaries PTSC Production Services Joint Stock Company PTSC Quang Ngai Joint Stock Company PTSC Thanh Hoa Port Joint Stock Company PTSC Offshore Services Joint Stock Company Other subsidiaries	1,506,278,128,866 56,218,405,200 15,373,146,799 - 11,764,669,868 - 113,714,246,536 86,672,493,306 74,404,778,363 68,966,497,197 17,250,838,120 1,950,643,204,255	1,806,345,174,570 33,807,710,282 10,628,561,176 29,757,861,786 15,118,656,105 20,933,302,617 - 102,668,968,441 9,936,290,898 54,199,572,663 38,266,036,217 25,781,315,564
vii)	Advances from customers (Note 17(a))		
	PetroVietnam Gas Joint Stock Corporation Others Subsidiary	37,791,032,173 4,560,006	319,530,000
		37,795,592,179	319,530,000
viii)	Long-term advance from customers (Note 17(b)))	
	PetroVietnam Long Phu 1 Thermal Power Project Management Board PetroVietnam Gas Joint Stock Corporation	781,044,054,435 65,986,958,343	778,479,407,707 141,237,895,281
		847,031,012,778	919,717,302,988

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37 RELATED PARTY DISCLOSURES (continued)

(b) Year end balances with related parties (continued)

Total Cital Balancoo Irian Totalca parase (communica)			
		2021 VND	2020 VND
ix)	Short-term accrued expenses		
	Vietnam Oil and Gas Group Subsidiaries	9,072,974,998	16,340,608,498
	PetroVietnam Construction Joint Stock Company PTSC CGGV Geophysical Survey	107,889,986,369	226,816,796,375
	Company Limited	45,709,917,243	45,709,917,243
	PTSC Thanh Hoa Port Joint Stock Company	39,379,437,004	34,349,880,581
	PTSC Quang Ngai Joint Stock Company	17,646,711,817	28,456,902,507
	Other subsidiaries	201,485,680	1,088,097,305
		219,900,513,111	352,762,202,509
x)	Other short-term payables (Note 22)		
	PetroVietnam Exploration Production		
	Corporation Limited	6,536,414,822	-
	Other PVN Group companies Subsidiaries	2,576,054,892	2,065,883,056
	PTSC Production Services Joint Stock Company	5,820,702,240	5,820,702,240
	Other subsidiaries	33,223,023	199,108,479
		14,966,394,977	8,085,693,775
xi)	Other long-term payables (Note 21(b))		
	PetroVietnam Gas Joint Stock Corporation	69,473,052,000	-

38 COMMITMENTS UNDER OPERATING LEASES

(a) The Corporation as a lessee

At the separate balance sheet date, the Corporation had outstanding commitments under non-cancellable operating leases, which fall due as follows:

	2021 VND	2020 VND
Within one year Between one and five years Over five years	864,235,068,896 1,413,613,395,503 1,147,968,211,923	838,049,579,961 1,214,136,825,079 1,010,137,917,608
Total minimum payments	3,425,816,676,322	3,062,324,322,648

- (*) As at 31 December 2021 and 31 December 2020, the Corporation has entered into a non-cancellable operating lease commitment contract of vessels 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 from 1 year to 5 years;
 - Land lease in Vung Tau City was signed with the term of 50 years since year 2002:
 - Land rental contract at Son Tra Port was signed with the term of 50 years since 2008; and
 - Hotel lease contract was signed with the term of 10 years since 2012.

(b) The Corporation as a lessor

As at the separate balance sheet date, the future minimum lease receivables under operating leases were as follows:

	2021 VND	2020 VND
Within one year Between one and five years Over five years	1,388,833,085,235 3,049,355,405,025 2,129,574,700,069	1,385,601,412,945 4,443,497,757,500 1,946,423,830,504
Total minimum payments	6,567,763,190,329	7,775,523,000,949

As at 31 December 2021 and 31 December 2020, the Corporation has entered into a non-cancellable operating lease commitment contract of leasing service vessels with the term of 15 years and FSO/FPSO with the term of 5 years.

39 CONTINGENT LIABILITIES

Long Phu 1 Thermal Power Project

On 23 August 2019, Power Machines Company ("PM") - the main contractor 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.

The separate financial statements were approved by the Board of Management on 25 March 2022.

Duong Thi Ngoc Quy

Preparer

Nguyen Van Bao Chief Accountant Le Manh Cuong
President and CEO

TÔNG CÔNG CÔ PHẨN DỊCH VỤ KÝ TH ĐẦU KHÍ