# PTT EXPLORATION AND PRODUCTION PUBLIC COMPANY LIMITED

INTERIM CONSOLIDATED AND SEPARATE FINANCIAL INFORMATION (UNAUDITED)

31 MARCH 2020

## AUDITOR'S REPORT ON THE REVIEW OF THE INTERIM FINANCIAL INFORMATION

## To the Shareholders of PTT Exploration and Production Public Company Limited

I have reviewed the interim consolidated financial information of PTT Exploration and Production Public Company Limited and its subsidiaries, and the interim separate financial information of PTT Exploration and Production Public Company Limited. These comprise the consolidated and separate statements of financial position as at 31 March 2020, the related consolidated and separate statements of comprehensive income, changes in equity, and cash flows for the three-month period then ended, and the condensed notes to the interim financial information. Management is responsible for the preparation and presentation of this interim consolidated and separate financial information in accordance with Thai Accounting Standard 34, "Interim Financial Reporting". My responsibility is to express a conclusion on this interim consolidated and separate financial information based on my review.

# Scope of review

I conducted my review in accordance with the Thai Standard on Review Engagements 2410, "Review of interim financial information performed by the independent auditor of the entity". A review of interim financial information consists of making inquiries, primarily of persons responsible for financial and accounting matters, and applying analytical and other review procedures. A review is substantially less in scope than an audit conducted in accordance with Thai Standards on Auditing and consequently does not enable me to obtain assurance that I would become aware of all significant matters that might be identified in an audit. Accordingly, I do not express an audit opinion.

## Conclusion

Based on my review, nothing has come to my attention that causes me to believe that the accompanying interim consolidated and separate financial information is not prepared, in all material respects, in accordance with Thai Accounting Standard 34, "Interim Financial Reporting".

PricewaterhouseCoopers ABAS Ltd.

Amornrat Pearmpoonvatanasuk Certified Public Accountant (Thailand) No. 4599 Bangkok 7 May 2020

			Consolidated fina	ncial information	
			Unit: US Dollar		Unit: Baht
		Unaudited	Audited	Unaudited	Audited
		31 March	31 December	31 March	31 December
	Notes	2020	2019	2020	2019
Assets					
Current assets					
Cash and cash equivalents	10	3,047,702,174	2,822,897,310	99,572,078,379	85,121,635,618
Short-term investments		200,000,000	200,000,000	6,534,239,415	6,030,799,292
Trade and other receivables	11	708,937,036	983,201,092	23,161,845,327	29,647,436,192
Inventories		328,722,330	330,336,327	10,739,752,026	9,960,960,417
Current tax assets		51,958,295	55,338,391	1,697,544,787	1,668,672,379
Derivative assets		223,161,346	12,342,074	7,290,948,309	372,162,847
Other current financial assets	9	341,725,016	213,702,922	11,164,565,366	6,443,997,154
Other current assets	12	131,064,885	95,472,046	4,282,048,370	2,878,863,203
Total current assets		5,033,271,082	4,713,290,162	164,443,021,979	142,124,527,102
Non-current assets					
Investments in associates	14	234,148,814	227,626,116	7,649,921,963	6,863,837,299
Investments in joint ventures	14	230,303,352	225,370,160	7,524,286,217	6,795,811,001
Long-term loans to related parties	13	84,573,596	86,055,526	2,763,120,608	2,594,918,018
Property, plant and equipment	15	10,277,419,753	10,661,984,455	335,775,608,598	321,501,441,133
Right-of-use assets	6	474,388,412	-	15,498,837,308	-
Goodwill		2,060,856,097	2,060,856,097	67,330,635,669	62,143,047,441
Intangible assets	16	127,158,531	131,976,248	4,154,421,432	3,979,611,307
Exploration and evaluation assets	17	2,658,009,449	2,639,486,065	86,840,349,416	79,591,055,959
Deferred tax assets		775,225,706	961,729,427	25,327,552,824	28,999,985,605
Rights to receive reimbursement from	I				
decommissioning funds		237,433,173	237,264,583	7,757,225,972	7,154,475,393
Derivative assets	9	1,432,751	83,677,515	46,809,684	2,523,211,486
Other non-current financial assets		893,381	869,601	29,187,824	26,221,958
Other non-current assets		169,184,282	171,316,077	5,527,453,048	5,165,864,405
Total non-current assets		17,331,027,297	17,488,211,870	566,225,410,563	527,339,481,005
Total assets		22,364,298,379	22,201,502,032	730,668,432,542	669,464,008,107

(Phongsthorn Thavisin)
President and Chief Executive Officer

(Jaroonsri Wankertphon)
Senior Vice President, Accounting Division

			Consolidated fina	ncial information	
	•		Unit: US Dollar		Unit: Baht
	•	Unaudited	Audited	Unaudited	Audited
		31 March	31 December	31 March	31 December
	Notes	2020	2019	2020	2019
Liabilities and equity					
Current liabilities					
Trade and other payables		790,269,263	888,925,204	25,819,047,683	26,804,645,154
Current portion of lease liabilities due					
within one year	18	120,702,117	18,281,361	3,943,482,664	551,256,111
Dividend payable	21	455,952,788	-	14,896,523,400	-
Income tax payable		1,007,355,161	862,953,072	32,911,498,985	26,021,483,863
Short-term provisions		127,212,341	131,500,284	4,156,179,445	3,965,259,111
Derivative liabilities	9	26,196,310	15,213,837	855,864,800	458,757,976
Other current liabilities		154,920,086	133,969,338	5,061,427,834	4,039,710,172
Total current liabilities		2,682,608,066	2,050,843,096	87,644,024,811	61,841,112,387
Non-current liabilities					
Debentures	18	2,258,663,687	2,704,746,265	73,793,246,440	81,558,909,291
Long-term loans	18	593,608,698	593,261,202	19,393,906,768	17,889,196,191
Lease liabilities	18	369,187,719	125,413,411	12,061,804,714	3,781,715,550
Deferred tax liabilities		1,365,487,675	1,358,709,648	44,612,116,945	40,970,525,919
Provision for employee benefits		230,276,183	245,248,060	7,523,432,366	7,395,204,113
Provision for decommissioning costs		2,990,594,208	2,967,512,233	97,706,292,732	89,482,353,377
Provision for remuneration for					
the renewal of petroleum production		159,713,576	190,757,774	5,218,033,707	5,752,109,238
Derivative liabilities	9	30,547,010	-	998,007,367	-
Other non-current liabilities		121,467,773	123,836,573	3,968,497,559	3,734,167,589
Total non-current liabilities		8,119,546,529	8,309,485,166	265,275,338,598	250,564,181,268
Total liabilities		10,802,154,595	10,360,328,262	352,919,363,409	312,405,293,655

			Consolidated fina	ncial information	
			Unit: US Dollar		Unit: Baht
		Unaudited	Audited	Unaudited	Audited
		31 March	31 December	31 March	31 December
	Notes	2020	2019	2020	2019
Liabilities and equity (continued)					
Equity					
Share capital					
Authorised share capital					
3,969,985,400 ordinary shares					
of Baht 1 each				3,969,985,400	3,969,985,400
Issued and paid-up share capital					
3,969,985,400 ordinary shares					
of Baht 1 each		150,683,762	150,683,762	3,969,985,400	3,969,985,400
Share premium		3,439,036,612	3,439,036,612	105,417,619,764	105,417,619,764
Subordinated capital debentures	6, 19	156,570,483	187,434,503	4,981,992,349	6,018,033,688
Retained earnings					
Appropriated					
Legal reserve		15,048,319	15,048,319	396,998,540	396,998,540
Reserve for expansion		431,231,212	431,231,212	16,900,000,000	16,900,000,000
Unappropriated		7,420,293,214	7,630,675,250	240,756,229,029	247,150,263,826
Other components of equity		(50,719,818)	(12,935,888)	5,326,244,051	(22,794,186,766)
Total equity		11,562,143,784	11,841,173,770	377,749,069,133	357,058,714,452
Total liabilities and equity		22,364,298,379	22,201,502,032	730,668,432,542	669,464,008,107

			Separate finance	cial information	
			Unit: US Dollar		Unit: Baht
		Unaudited	Audited	Unaudited	Audited
		31 March	31 December	31 March	31 December
	Notes	2020	2019	2020	2019
Assets					
Current assets					
Cash and cash equivalents	10	828,808,177	715,768,020	27,078,155,283	21,583,266,339
Short-term investments		200,000,000	200,000,000	6,534,239,415	6,030,799,292
Trade and other receivables	11	430,164,175	716,089,764	14,053,978,519	21,592,968,207
Short-term loans to a related party	13	492,218,773	362,000,567	16,081,376,542	10,915,763,811
Inventories		94,444,545	104,057,691	3,085,616,333	3,137,755,265
Current tax assets		13,878,146	15,036,646	453,415,662	453,414,956
Derivative assets	9	61,221,184	253,020	2,000,169,368	7,629,569
Other current financial assets	12	50,133,456	210,414	1,637,920,007	6,344,815
Other current assets		41,771,868	63,541,724	1,364,736,962	1,916,036,937
Total current assets		2,212,640,324	2,176,957,846	72,289,608,091	65,643,979,191
Non-current assets					
Investments in associates	14	25,577,427	25,577,427	835,645,172	771,261,656
Investments in subsidiaries	14	948,403,328	924,403,328	30,985,472,039	27,874,454,685
Long-term loans to related parties	13	6,882,969,301	6,410,306,980	224,874,846,489	193,296,373,984
Property, plant and equipment	15	3,098,858,994	3,305,867,193	101,243,432,885	99,685,107,639
Right-of-use assets	6	27,937,403	-	912,748,380	-
Goodwill		75,157,587	75,157,587	2,455,488,340	2,266,301,616
Intangible assets	16	79,253,972	78,178,825	2,589,322,136	2,357,404,014
Deferred tax assets		512,086,961	639,817,402	16,730,494,019	19,293,051,670
Derivative assets	9	1,432,751	64,096,092	46,809,685	1,932,753,308
Other non-current financial assets		177,388	47,837	5,795,479	1,442,486
Other non-current assets		21,671,076	22,976,760	708,019,983	692,841,119
Total non-current assets		11,673,526,188	11,546,429,431	381,388,074,607	348,170,992,177
Total assets		13,886,166,512	13,723,387,277	453,677,682,698	413,814,971,368

			Separate finance	ial information	
			Unit: US Dollar		Unit: Baht
		Unaudited	Audited	Unaudited	Audited
		31 March	31 December	31 March	31 December
	Notes	2020	2019	2020	2019
Liabilities and equity					
Current liabilities					
Trade and other payables		237,390,771	313,508,831	7,755,840,672	9,453,544,160
Current portion of lease liabilities					
due within one year	18	19,145,949	298,557	625,521,077	9,002,691
Dividend payable	21	455,952,788	-	14,896,523,400	-
Income tax payable		819,036,246	679,934,364	26,758,894,582	20,502,738,410
Short-term provisions		94,772,456	97,890,430	3,096,329,580	2,951,787,688
Derivative liabilities	9	22,824,894	12,026,567	745,716,621	362,649,045
Other current liabilities		47,062,289	53,898,088	1,537,581,296	1,625,242,763
Total current liabilities		1,696,185,393	1,157,556,837	55,416,407,228	34,904,964,757
Non-current liabilities					
Debentures	18	348,664,750	377,762,214	11,391,294,750	11,391,040,460
Lease liabilities	18	9,155,293	761,949	299,114,391	22,975,809
Provision for employee benefits		165,772,318	179,375,616	5,415,980,072	5,408,891,691
Provision for decommissioning costs		1,583,793,764	1,571,621,696	51,744,438,196	47,390,675,072
Provision for remuneration for					
the renewal of petroleum production		143,968,083	174,922,380	4,703,609,623	5,274,608,833
Other non-current liabilities		28,790,219	28,326,701	940,610,906	854,163,227
Total non-current liabilities		2,280,144,427	2,332,770,556	74,495,047,938	70,342,355,092
Total liabilities		3,976,329,820	3,490,327,393	129,911,455,166	105,247,319,849

			Separate finance	cial information	
			Unit: US Dollar		Unit: Baht
		Unaudited	Audited	Unaudited	Audited
		31 March	31 December	31 March	31 December
	Notes	2020	2019	2020	2019
Liabilities and equity (continued)					
Equity					
Share capital					
Authorised share capital					
3,969,985,400 ordinary shares					
of Baht 1 each				3,969,985,400	3,969,985,400
Issued and paid-up share capital					
3,969,985,400 ordinary shares					
of Baht 1 each		150,683,762	150,683,762	3,969,985,400	3,969,985,400
Share premium		3,439,036,612	3,439,036,612	105,417,619,764	105,417,619,764
Subordinated capital debentures	6, 19	156,570,483	156,570,483	4,981,992,349	4,981,992,349
Retained earnings					
Appropriated					
Legal reserve		15,048,319	15,048,319	396,998,540	396,998,540
Reserve for expansion		431,231,212	431,231,212	16,900,000,000	16,900,000,000
Unappropriated		5,716,024,804	6,012,419,398	191,136,386,906	200,224,792,852
Other components of equity		1,241,500	28,070,098	963,244,573	(23,323,737,386)
Total equity		9,909,836,692	10,233,059,884	323,766,227,532	308,567,651,519
Total liabilities and equity		13,886,166,512	13,723,387,277	453,677,682,698	413,814,971,368

For the three-month period ended 31 March 2020

		Cons	olidated financial i	nformation (Unauc	lited)
			Unit: US Dollar		Unit: Baht
_	Notes	2020	2019	2020	2019
Revenues					
Revenue from sales		1,481,856,163	1,327,626,240	46,244,483,037	41,966,092,914
Revenue from pipeline transportation		23,653,436	28,289,483	741,643,376	893,957,268
Other income					
Gain on foreign exchange rates		-	32,729,790	-	1,031,376,992
Gain on remeasuring of					
financial instruments		221,686,451	-	6,982,632,052	-
Gain on debt modification		22,307,226	-	679,959,369	-
Interest income		13,240,675	27,087,691	414,179,162	856,512,014
Other income		8,652,743	12,671,171	271,873,894	399,263,302
Total revenues		1,771,396,694	1,428,404,375	55,334,770,890	45,147,202,490
Expenses					
Operating expenses		196,480,299	135,083,704	6,162,044,822	4,271,168,433
Exploration expenses		38,624,384	8,502,045	1,209,926,119	268,960,211
Administrative expenses		65,759,881	64,861,714	2,051,083,964	2,049,283,767
Petroleum royalties		122,908,098	122,059,219	3,829,225,098	3,858,209,996
Depreciation, depletion and amortisation		536,396,047	459,392,677	16,776,271,545	14,524,390,459
Other expenses		330,390,047	439,392,011	10,770,271,545	14,324,390,439
Loss on foreign exchange rates		12,004,502		360,440,775	
Loss on remeasuring of		12,004,502	-	360,440,773	-
financial instruments			92.019.206		2 604 490 650
		20 244 022	82,018,396	627 249 260	2,601,189,650
Other expenses		20,341,033	-	637,348,260	4 002 007 000
Finance costs		64,857,604	57,059,082	2,028,629,094	1,803,997,996
Total expenses		1,057,371,848	928,976,837	33,054,969,677	29,377,200,512
Share of profit of associates					
and joint ventures		13,771,200	2,727,662	438,740,867	86,405,080
and joint ventures		13,771,200	2,727,002	430,740,007	80,403,000
Profit before income taxes		727,796,046	502,155,200	22,718,542,080	15,856,407,058
Income taxes	22	(452,474,724)	(107,926,126)	(14,106,059,753)	(3,377,245,593)
Profit for the period		275,321,322	394,229,074	8,612,482,327	12,479,161,465
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Earnings per share					
Basic earnings per share	20	0.07	0.10	2.14	3.03

## Consolidated financial information (Unaudited)

•		Unit: US Dollar	(0	Unit: Baht
•	2020	2019	2020	2019
Profit for the period	275,321,322	394,229,074	8,612,482,327	12,479,161,465
Other comprehensive income (expense)				
Items that will be reclassified subsequently				
to profit or loss				
Currency translation differences	(5,169,677)	1,380,451	4,054,078,315	(1,254,339,727)
Gain on remeasuring of financial assets	757,070	89,645	26,056,580	2,781,921
Income taxes relating to remeasuring of				
financial assets	-	(14,200)	-	(449,049)
Gain (loss) on cash flow hedges	(45,338,400)	359,030	(1,427,078,154)	10,986,457
Income taxes relating to cash flow hedges	9,067,680	(71,806)	285,415,631	(2,197,291)
Share of other comprehensive income				
(expense) of associates and				
joint ventures - net of tax	(5,323,491)	1,088,001	(166,543,094)	34,874,053
Total Name of State (III ) and a second state of				
Total items that will be reclassified subs	,			
to profit or loss	(46,006,818)	2,831,121	2,771,929,278	(1,208,343,636)
Items that will not be reclassified				
subsequently to profit or loss				
Currency translation differences	-	-	25,130,236,846	(6,409,826,616)
Loss on remeasuring of financial assets	(868,319)	_	(29,679,468)	-
Share of other comprehensive loss of	(===,===,		( - , , ,	
associates and joint ventures	(13,763,594)	-	(441,498,857)	-
Total items that will not be reclassified				
subsequently to profit or loss	(14,631,913)		24,659,058,521	(6,409,826,616)
Other comprehensive income (expense)				
for the period - net of tax	(60,638,731)	2,831,121	27,430,987,799	(7,618,170,252)
Total comprehensive income for the period	214,682,591	397,060,195	36,043,470,126	4,860,991,213

Separate	financial	information	(Unaudited)

	•	<u> </u>	Unit: US Dollar	•	Unit: Baht	
	Notes	2020	2019	2020	2019	
Revenues						
Revenue from sales		771,209,744	732,896,347	24,072,394,348	23,163,560,498	
Other income						
Gain on foreign exchange rate		12,792,163	16,450,037	409,505,226	516,467,997	
Gain on remeasuring of financial instruments		71,527,360	-	2,221,157,129	-	
Interest income		66,134,556	74,802,115	2,069,374,095	2,365,363,375	
Other income		39,418,453	30,190,867	1,234,572,475	954,638,742	
Dividend income from related parties		23,570,438		756,075,864	<u>-</u>	
Total revenues		984,652,714	854,339,366	30,763,079,137	27,000,030,612	
Expenses						
Operating expenses		70,348,218	57,524,463	2,210,449,837	1,818,255,029	
Exploration expenses		3,491	90,915	107,489	2,845,647	
Administrative expenses		70,853,630	63,909,079	2,212,606,885	2,019,501,102	
Petroleum royalties		96,401,203	91,612,044	3,009,048,836	2,895,445,064	
Depreciation, depletion and amortisation		265,470,418	240,975,187	8,301,161,017	7,616,841,581	
Other expenses						
Loss on remeasuring of financial instruments		-	31,245,132	-	994,454,062	
Finance costs	•	20,214,125	31,366,068	632,700,948	991,572,619	
Total expenses		523,291,085	516,722,888	16,366,075,012	16,338,915,104	
Profit before income taxes		461,361,629	337,616,478	14,397,004,125	10,661,115,508	
Income taxes	22	(272,547,272)	(50,226,540)	(8,494,114,820)	(1,559,241,398)	
income taxes	- 22	(272,347,272)	(50,220,540)	(8,494,114,820)	(1,559,241,596)	
Profit for the period	;	188,814,357	287,389,938	5,902,889,305	9,101,874,110	
Earnings per share						
Basic earnings per share	20	0.05	0.07	1.46	2.28	

	·	Unit: US dollar	lar Unit: Bah			
	2020	2019	2020	2019		
Profit for the period	188,814,357	287,389,938	5,902,889,305	9,101,874,110		
Other comprehensive income (expense)						
Items that will be reclassified subsequently						
to profit or loss						
Gain on remeasuring of financial assets	-	71,000	-	2,245,243		
Income taxes relating to remeasuring of financial assets	-	(14,200)	-	(449,049)		
Gain (loss) on cash flow hedges	(33,535,748)	359,030	(1,054,068,608)	10,986,457		
Income taxes relating to cash flow hedges	6,707,150	(71,806)	210,813,721	(2,197,291)		
Total items that will be reclassified subsequently						
to profit or loss	(26,828,598)	344,024	(843,254,887)	10,585,360		
Item that will not be reclassified subsequently to profit or loss						
Currency translation differences	-	-	25,130,236,846	(6,409,826,616)		
Total item that will not be reclassified subsequently						
to profit or loss		-	25,130,236,846	(6,409,826,616)		
Other comprehensive income (expense) for						
the period - net of tax	(26,828,598)	344,024	24,286,981,959	(6,399,241,256)		
Total comprehensive income for the period	161,985,759	287,733,962	30,189,871,264	2,702,632,854		

Balance as at 31 March 2019

	Consolidated financial information (Unaudited)											
												Unit: US Dollar
								Other	components of	f equity		_
						_	Oth	er comprehensive	e income (expe	nse)		
										Share of other		
										comprehensive		
	Issued and		Subordinated		Retained earnir	ngs	-	Remeasuring		income of	Total other	
	paid-up	Share	capital	Legal	Reserve for		translation		Cash flow	associates and	components	Total
	share capital	premium	debentures	reserve	expansion	Unappropriated	differences	assets	hedges	joint ventures	of equity	equity
Balance as at 1 January 2019	150,683,762	3,439,036,612	1,154,687,532	15,048,319	431,231,212	6,847,836,815	(53,981,693)	(719,958)	17,626,981	3,949,734	(33,124,936)	12,005,399,316
Changes in equity for the period												
Interest expenses for subordinated												
capital debentures	-	-	-	-	-	(13,771,853)	-	-	-	-	-	(13,771,853)
Income tax for subordinated												
capital debentures	-	-	-	-	-	125,779	-	-	-	-	-	125,779
Dividends paid	-	-	-	-	-	(408,706,407)	-	-	-	-	-	(408,706,407)
Profit for the period	-	-	-	-	-	394,229,074	-	-	-	-	-	394,229,074
Other comprehensive income												
for the period	-	-	-	-	-	-	1,380,451	75,445	287,224	1,088,001	2,831,121	2,831,121

431,231,212

6,819,713,408

(52,601,242)

(644,513)

17,914,205

5,037,735

(30,293,815) 11,980,107,030

150,683,762

3,439,036,612 1,154,687,532 15,048,319

													Unit: US Dollar
							_		Othe	r components of	f equity		_
							_	Oth	er comprehensi	ve income (expe	nse)		
											Share of other		
											comprehensive		
		Issued and		Subordinated		Retained earnin	igs	Currency	Remeasuring		income of	Total other	
		paid-up	Share	capital	Legal	Reserve for		translation	of financial	Cash flow	associates and	components	Total
	Notes	share capital	premium	debentures	reserve	expansion	Unappropriated	differences	assets	hedges	joint ventures	of equity	equity
Balance as at 1 January 2020 Impact from changes in		150,683,762	3,439,036,612	187,434,503	15,048,319	431,231,212	7,630,675,250	(50,314,894)	(757,070)	29,778,083	8,357,993	(12,935,888)	11,841,173,770
accounting policies	6	-	-	-	-	-	-	-	-	-	22,709,513	22,709,513	22,709,513
				.,									
Adjusted balance as at 1 January 2020		150,683,762	3,439,036,612	187,434,503	15,048,319	431,231,212	7,630,675,250	(50,314,894)	(757,070)	29,778,083	31,067,506	9,773,625	11,863,883,283
Changes in equity for the period Interest expenses for subordinated													
capital debentures		-	-	-	-	-	(2,964,038)	-	-	-	-	-	(2,964,038)
Redemption of subordinated	19												
capital debentures		-	-	(30,864,020)	-	-	12,020	-	-	-	-	-	(30,852,000)
Income tax for subordinated													
capital debentures		-	-	-	-	-	(671,338)	-	-	-	-	-	(671,338)
Dividends paid	21	-	-	-	-	-	(481,934,714)	-	-	-	-	-	(481,934,714)
Profit for the period		-	-	-	-	-	275,321,322	-	-	-	-	-	275,321,322
Other comprehensive expense for the period		-	-	-	-	-	(145,288)	(5,169,677)	(111,249)	(36,270,720)	(18,941,797)	(60,493,443)	(60,638,731)
Balance as at 31 March 2020		150,683,762	3,439,036,612	156,570,483	15,048,319	431,231,212	7,420,293,214	(55,484,571)	(868,319)	(6,492,637)	12,125,709	(50,719,818)	11,562,143,784

## Consolidated financial information (Unaudited)

												Unit: Baht
								Other	r components of	f equity		
							Oth	er comprehensiv	e income (expe	nse)		
	Issued and		Subordinated		Retained earnir	ngs	Currency	Remeasuring		Share of other comprehensive income of	Total other	
	paid-up	Share	capital	Legal	Reserve for		translation	of financial	Cash flow	associates and	components	Total
	share capital	premium	debentures	reserve	expansion	Unappropriated	differences	assets	hedges	joint ventures	of equity	equity
Balance as at 1 January 2019	3,969,985,400	105,417,619,764	38,231,753,921	396,998,540	16,900,000,000	222,900,331,939	938,221,439	(24,787,582)	719,606,831	133,109,860	1,766,150,548	389,582,840,112
Changes in equity for the period Interest expenses for subordinated												
capital debentures	-	-	-	-	-	(437,870,940)	-	-	-	-	-	(437,870,940)
Income tax for subordinated												
capital debentures	-	-	-	-	-	3,779,331	-	-	-	-	-	3,779,331
Dividends paid	-	-	-	-	-	(12,902,470,802)	-	-	-	-	-	(12,902,470,802)
Profit for the period	-	-	-	-	-	12,479,161,465	-	-	-	-	-	12,479,161,465
Other comprehensive income (expense)												
for the period							(7,664,166,343)	2,332,872	8,789,166	34,874,053	(7,618,170,252)	(7,618,170,252)
Balance as at 31 March 2019	3,969,985,400	105,417,619,764	38,231,753,921	396,998,540	16,900,000,000	222,042,930,993	(6,725,944,904)	(22,454,710)	728,395,997	167,983,913	(5,852,019,704)	381,107,268,914

## Consolidated financial information (Unaudited)

													Unit: Baht
									Oth	er components o	f equity		
								Oth	er comprehens	ive income (expe	ense)		
											Share of other		
											comprehensive		
		Issued and		Subordinated		Retained earnir	ngs	Currency	Remeasuring		income of	Total other	
		paid-up	Share	capital	Legal	Reserve for		translation	of financial	Cash flow	associates and	components	Total
	Notes	share capital	premium	debentures	reserve	expansion	Unappropriated	differences	assets	hedges	joint ventures	of equity	equity
Balance as at 1 January 2020		3,969,985,400	105,417,619,764	6,018,033,688	396,998,540	16,900,000,000	247,150,263,826	(24,120,732,653)	(26,056,580)	1,082,121,021	270,481,446	(22,794,186,766)	357,058,714,452
Impact from changes in accounting													
policies	6	-	-	-	-	-	-	-		-	684,782,576	684,782,576	684,782,576
Adjusted balance													
as at 1 January 2020		3,969,985,400	105,417,619,764	6,018,033,688	396,998,540	16,900,000,000	247,150,263,826	(24,120,732,653)	(26,056,580)	1,082,121,021	955,264,022	(22,109,404,190)	357,743,497,028
Changes in equity for the period													
Interest expenses for subordinated													
capital debentures		-	-	-	-	-	(93,956,116)	-	-	-	-	-	(93,956,116)
Redemption of subordinated capital													
debentures	19	-	-	(1,036,041,339)	-	-	459,070	-	-	-	-	-	(1,035,582,269)
Income tax for subordinated capital													
debentures		-	-	-	-	-	(20,919,789)	-	-	-	-	-	(20,919,789)
Dividends paid	21	-	-	-	-	-	(14,887,439,847)	-	-	-	-	-	(14,887,439,847)
Profit for the period		-	-	-	-	-	8,612,482,327	-	-	-	-	-	8,612,482,327
Other comprehensive income (expense)													
for the period		-	-	-	-	-	(4,660,442)	29,184,315,161	(3,622,888)	(1,141,662,523)	(603,381,509)	27,435,648,241	27,430,987,799
Balance as at 31 March 2020		3,969,985,400	105,417,619,764	4,981,992,349	396,998,540	16,900,000,000	240,756,229,029	5,063,582,508	(29,679,468)	(59,541,502)	351,882,513	5,326,244,051	377,749,069,133

										Unit: US Dollar	
							Other co	mponents of equity	/		
							Other comprehensive	income (expense)			
	Issued and	;	Subordinated	Retained earnings			Remeasuring		Total other		
	paid-up	Share	capital	Legal	Reserve for		of financial	Cash flow	components	Total	
	share capital	premium	debentures	reserve	expansion	Unappropriated	assets	hedges	of equity	equity	
Balance as at 1 January 2019	150,683,762	3,439,036,612	301,226,483	15,048,319	431,231,212	5,597,858,914	4,536	17,626,981	17,631,517	9,952,716,819	
Changes in equity for the period											
Interest expenses for subordinated											
capital debentures	-	-	-	-	-	(2,271,853)	-	-	-	(2,271,853)	
Income tax for subordinated											
capital debentures	-	-	-	-	-	187,738	-	-	-	187,738	
Dividends paid	-	-	-	-	-	(408,706,407)	-	-	-	(408,706,407)	
Profit for the period	-	-	-	-	-	287,389,938	-	-	-	287,389,938	
Other comprehensive income											
for the period			<u>-</u>			-	56,800	287,224	344,024	344,024	
Balance as at 31 March 2019	150,683,762	3,439,036,612	301,226,483	15,048,319	431,231,212	5,474,458,330	61,336	17,914,205	17,975,541	9,829,660,259	

											Unit: US Dollar
								Other of	components of equity	<b>y</b>	
								Other comprehensive	ve income (expense)		
		Issued and		Subordinated	Retained earnings		Remeasuring		Total other		
		paid-up	Share	capital	Legal	Reserve for		of financial	Cash flow	components	Total
	Note	share capital	premium	debentures	reserve	expansion	Unappropriated	assets	hedges	of equity	equity
Balance as at 1 January 2020		150,683,762	3,439,036,612	156,570,483	15,048,319	431,231,212	6,012,419,398	-	28,070,098	28,070,098	10,233,059,884
Changes in equity for the period											
Interest expenses for subordinated											
capital debentures		-	-	-	-	-	(2,282,037)	-	-	-	(2,282,037)
Income tax for subordinated											
capital debentures		-	-	-	-	-	(992,200)	-	-	-	(992,200)
Dividends paid	21	-	-	-	-	-	(481,934,714)	-	-	-	(481,934,714)
Profit for the period		-	-	-	-	-	188,814,357	-	-	-	188,814,357
Other comprehensive expense											
for the period		-	-		-	-	-	-	(26,828,598)		(26,828,598)
Balance as at 31 March 2020		150,683,762	3,439,036,612	156,570,483	15,048,319	431,231,212	5,716,024,804	-	1,241,500	1,241,500	9,909,836,692

											Unit: Baht
								Other compon	ents of equity		
						_	Other comprel	nensive income	(expense)		
	Issued and		Subordinated		Retained earnin	gs	Currency	Remeasuring		Total other	
	paid-up	Share	capital	Legal	Reserve for	_	translation	of financial	Cash flow	components	Total
	share capital	premium	debentures	reserve	expansion	Unappropriated	differences	assets	hedges	of equity	equity
Balance as at 1 January 2019	3,969,985,400	105,417,619,764	9,661,771,205	396,998,540	16,900,000,000	187,500,874,929	(1,492,579,975)	148,350	609,176,074	(883,255,551)	322,963,994,287
Changes in equity for the period											
Interest expenses for subordinated											
capital debentures	-	-	-	-	-	(72,069,262)	-	-	-	-	(72,069,262)
Income tax for subordinated											
capital debentures	-	-	-	-	-	5,869,321	-	-	-	-	5,869,321
Dividends paid	-	-	-	-	-	(12,902,470,802)	-	-	-	-	(12,902,470,802)
Profit for the period	-	-	-	-	-	9,101,874,110	-	-	-	-	9,101,874,110
Other comprehensive income (expense)											
for the period				-	-		(6,409,826,616)	1,796,194	8,789,166	(6,399,241,256)	(6,399,241,256)
Balance as at 31 March 2019	3,969,985,400	105,417,619,764	9,661,771,205	396,998,540	16,900,000,000	183,634,078,296	(7,902,406,591)	1,944,544	617,965,240	(7,282,496,807)	312,697,956,398

												Unit: Baht
									Other compo	nents of equity		
								Other comprehensive income (expense)				
		Issued and		Subordinated		Retained earnin	gs	Currency	Remeasuring		Total other	
		paid-up	Share	capital	Legal	Reserve for	_	translation	of financial	Cash flow	components	Total
	Note	share capital	premium	debentures	reserve	expansion	Unappropriated	differences	assets	hedges	of equity	equity
Balance as at 1 January 2020		3,969,985,400	105,417,619,764	4,981,992,349	396,998,540	16,900,000,000	200,224,792,852	(24,245,850,157)	-	922,112,771	(23,323,737,386)	308,567,651,519
Changes in equity for the period												
Interest expenses for subordinated												
capital debentures		-	-	-	-	-	(73,201,570)	-	-	-	-	(73,201,570)
Income tax for subordinated												
capital debentures		-	-	-	-	-	(30,653,834)	-	-	-	-	(30,653,834)
Dividends paid	21	-	-	-	-	-	(14,887,439,847)	-	-	-	-	(14,887,439,847)
Profit for the period		-	-	-	-	-	5,902,889,305	-	-	-	-	5,902,889,305
Other comprehensive income (expense	)											
for the period		-	-	-	-	-	-	25,130,236,846	-	(843,254,887)	24,286,981,959	24,286,981,959
Balance as at 31 March 2020		3,969,985,400	105,417,619,764	4,981,992,349	396,998,540	16,900,000,000	191,136,386,906	884,386,689	-	78,857,884	963,244,573	323,766,227,532

## Consolidated financial information (Unaudited)

	Consc	olidated financial i	nformation (Unau	dited)
		Unit: US Dollar		Unit: Baht
	2020	2019	2020	2019
Cash flows from operating activities				
Profit before income taxes	727,796,046	502,155,200	22,718,542,080	15,856,407,058
Adjustments for:				
Share of profit of associates and				
joint ventures	(13,771,200)	(2,727,662)	(438,740,867)	(86,405,080)
Depreciation, depletion and amortisation	536,396,047	459,392,677	16,776,271,545	14,524,390,459
Allowance for decrease in value of inventories				
to net realisable value	2,173,320	1,363,269	67,951,508	43,010,802
Write-off of exploration expenses	26,746,933	-	839,257,089	-
Other amortised expenses	2,344,077	1,279,438	73,595,223	40,460,586
Loss on disposal of assets	11,098,073	8,720	346,994,788	274,322
Income recognised from deferred income	(407,699)	(1,308,095)	(12,747,198)	(41,347,266)
(Gain) loss on remeasuring financial				
instruments	(177,371,165)	71,039,391	(5,564,029,140)	2,252,495,455
Provision for employee benefits	4,201,319	3,269,913	131,364,564	103,402,085
(Gain) loss on foreign exchange rates	(20,647,737)	1,168,043	(645,576,673)	36,920,392
Interest income lower than interest expenses	50,435,540	29,611,058	1,576,928,666	936,061,219
Gain on debt modification	(22,307,226)	-	(679,959,369)	-
Other expenses	20,341,033	-	637,348,260	-
Cash flows before changes in working capital	1,147,027,361	1,065,251,952	35,827,200,476	33,665,670,032
Changes in working capital				
Trade and other receivables	246,464,220	(97,338,736)	7,706,004,358	(3,076,756,700)
Inventories	(11,180,252)	3,654,996	(349,564,221)	115,529,897
Other current financial assets	(150,666,853)	-	(4,710,782,872)	-
Other current assets	(33,648,306)	7,283,102	(1,052,055,321)	230,209,808
Rights to receive reimbursement from				
decommissioning funds	(168,590)	(819,433)	(5,271,161)	(25,901,266)
Other non-current assets	(4,705,017)	62,345,687	(147,108,087)	1,970,669,813
Trade and other payables	(101,185,258)	(82,878,728)	(3,163,680,464)	(2,619,693,777)
Other current liabilities	21,637,038	21,026,773	676,508,360	664,630,215
Provisions	(37,125,889)	(23,705,043)	(1,160,786,185)	(749,286,995)
Other non-current liabilities	3,320,402	(2,348,632)	103,816,413	(74,237,328)
Net cash flows provided by operating activities	1,079,768,856	952,471,938	33,724,281,296	30,100,833,699
Interest received from bank deposits	9,904,523	17,139,453	309,676,972	541,756,849
Cash paid for income taxes	(95,367,174)	(26,168,222)	(2,981,770,984)	(827,145,023)
Net cash flows provided by operating activities	994,306,205	943,443,169	31,052,187,284	29,815,445,525

Consolidated financial information (Un	naudited)
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	Consolidated financial information (Unaudited)										
		Unit: US Dollar		Unit: Baht							
	2020	2019	2020	2019							
Cash flows from investing activities											
Increase in restricted cash at financial institution	-	(205,200,000)	-	(6,486,117,433)							
Cash paid for short-term investments	-	(294,750,000)	-	(9,316,681,839)							
Cash received from investing in short-term		,		,							
investments	-	488,540,337	-	15,442,153,995							
Cash received from long-term loans to											
related parties	-	4,160,327	-	131,502,759							
Dividend received from related parties	5,616,431	-	175,604,548	-							
Net cash paid for expense related to	, ,		, ,								
divestment of asset	_	(21,044,318)	_	(665,184,785)							
Cash received from lease receivables	48,395	-	1,513,149	-							
Interest received from short-term investments	-	5,692,438	-	179,930,897							
Interest received from loans to related parties	213,154	1,833,351	6,664,535	57,949,954							
Increase in property, plant and equipment	(279,672,557)	(317,433,081)	(8,744,303,526)	(10,033,665,904)							
Increase in intangible assets	(4,681,821)	(1,221,975)	(146,382,848)	(38,625,106)							
Increase in exploration and evaluation assets	(23,271,150)	(40,510,972)	(727,600,887)	(1,280,501,575)							
moreage in exploration and evaluation assets	(20,271,100)	(40,010,012)	(121,000,001)	(1,200,001,070)							
Net cash flows used in investing activities	(301,747,548)	(379,933,893)	(9,434,505,029)	(12,009,239,037)							
Cash flows from financing activities											
Cash paid for repayment of debentures	(500,341,033)	-	(15,643,772,502)	-							
Cash received from issuance of debentures	119,897,600	-	3,748,744,662	-							
Cash paid for lease liabilities	(16,721,591)	(65,804)	(522,820,915)	(2,079,974)							
Cash paid for finance cost from issuance											
of debentures	(4,201,723)	-	(131,371,990)	-							
Cash paid for interest	(19,316,904)	(11,705)	(603,966,568)	(369,969)							
Cash paid for repayment of subordinated											
capital debentures	(30,852,000)	-	(964,625,400)	-							
Interest paid for subordinated capital											
debentures	(2,964,038)	(13,771,853)	(92,674,249)	(435,311,213)							
Net cash flows used in financing activities	(454,499,689)	(13,849,362)	(14,210,486,962)	(437,761,156)							
_		<u> </u>									
Net increase in cash and cash equivalents	238,058,968	549,659,914	7,407,195,293	17,368,445,332							
Cash and cash equivalents at the beginning											
of the period	2,822,897,310	3,180,095,315	85,121,635,618	103,193,560,790							
Adjustment for the impact of exchange											
rate changes	(13,254,104)	(424,625)	7,043,247,468	(1,925,754,778)							
Cash and cash equivalents at the end											
of the period	3,047,702,174	3,729,330,604	99,572,078,379	118,636,251,344							
		<u></u>									
Non-cash transactions											
Outstanding payable from purchases											
of assets	237,645,593	621,047,608	7,430,279,235	19,630,544,420							

The condensed notes to the interim financial information are an integral part of this interim financial information.

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Separate 1	financial	information	(Unaudited)	ì
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	Unit: US Dollar				
	2020	2019	2020	2019	
Cash flows from operating activities	404 004 000	007.040.470	44.007.004.405	40.004.445.500	
Profit before income taxes	461,361,629	337,616,478	14,397,004,125	10,661,115,508	
Adjustments for:					
Depreciation, depletion and amortisation	265,470,418	240,975,187	8,301,161,017	7,616,841,581	
Other amortised expenses	515,948	599,836	16,144,491	18,977,530	
Loss on disposal of assets	8,764,392	43	281,128,924	1,349	
Income recognised from deferred income	(249,900)	(382,574)	(7,813,434)	(12,092,677)	
(Gain) loss on remeasuring					
financial instruments	(50,184,004)	21,057,693	(1,539,365,524)	670,860,307	
Dividend income from related parties	(23,570,438)	-	(756,075,864)	-	
Provision for employee benefits	3,720,836	2,943,059	116,341,988	93,070,594	
Gain on foreign exchange rates	(34,627,895)	(8,133,127)	(1,082,683,365)	(257,078,060)	
Interest income higher than interest					
expenses	(45,951,660)	(43,712,753)	(1,437,713,522)	(1,382,571,468)	
Cash flows before changes in working capital	585,249,326	550,963,842	18,288,128,836	17,409,124,664	
Changes in working capital					
Trade and other receivables	42,283,002	(50,881,809)	1,322,029,603	(1,608,310,880)	
Inventories	357,798	2,501,296	11,187,000	79,062,878	
Other current financial assets	(50,000,000)	-	(1,563,310,968)	-	
Other current assets	25,671,067	4,716,894	802,637,224	149,095,157	
Other non-current assets	(30,181)	(495)	(943,635)	(15,649)	
Trade and other payables	(71,090,060)	(65,694,901)	(2,222,717,422)	(2,076,534,311)	
Other current liabilities	(4,469,729)	18,908,242	(139,751,516)	597,666,076	
Provisions	(36,298,677)	(23,094,724)	(1,134,922,403)	(729,995,581)	
Other non-current liabilities	(2,298,606)	(5,607,448)	(71,868,735)	(177,244,477)	
Net cash flows provided by operating activities	489,373,940	431,810,897	15,290,467,984	13,642,847,877	
Interest received from bank deposits	4,229,341	3,661,225	132,235,493	115,726,796	
Cash paid for income taxes	(4,022,583)	(1,279,063)	(125,770,948)	(40,429,590)	
Net cash flows provided by operating activities	489,580,698	434,193,059	15,296,932,529	13,718,145,083	

Separate 1	financial	information	(Unaudited)	ì
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	Separate financial information (Unaudited)					
		Unit: US Dollar		Unit: Baht		
	2020	2019	2020	2019		
Onch flavor from investing activities						
Cash flows from investing activities		(004.750.000)		(0.040.004.000)		
Cash paid for short-term investments	-	(294,750,000)	-	(9,316,681,839)		
Cash received from investing in short-term		044 740 000		0.050.777.007		
investments	-	311,710,338	-	9,852,777,067		
(Increase) decrease in short-term loans to	(		(0)			
a related party	(114,784,857)	344,472,912	(3,588,888,510)	10,888,361,395		
Cash received from long-term loans						
to related parties	15,305,933	-	478,558,671	-		
Cash paid for long-term loans to						
related parties	(489,285,939)		(15,298,121,484)	(2,803,272)		
Cash paid for investment in subsidiaries	(24,000,000)	(99,105,956)	(750,389,264)	(3,132,616,305)		
Dividend received from related parties	23,570,438	-	736,958,492	-		
Cash received from lease receivables	48,395	-	1,513,149	-		
Interest received from short-term investments	-	2,973,868	-	94,000,281		
Interest received from loans to related parties	277,145,570	44,512,730	8,665,294,180	1,406,992,187		
Increase in property, plant and equipment	(52,588,985)	(86,687,527)	(1,644,258,739)	(2,740,085,190)		
Increase in intangible assets	(4,455,706)	(1,013,757)	(139,313,090)	(32,043,608)		
Net cash flows (used in) provided by						
investing activities	(369,045,151)	222,023,921	(11,538,646,595)	7,017,900,716		
Cash flows from financing activities						
Cash paid for lease liabilities	(2,788,156)	(65,804)	(87,175,112)	(2,079,974)		
Cash paid for interest	(1,736,061)	(600,679)	(54,280,076)	(18,986,708)		
Interest paid for subordinated capital	(1,100,001)	(000,0.0)	(0.,200,0.0)	(10,000,100)		
debentures	(2,282,037)	(2,271,853)	(71,350,669)	(71,810,480)		
		•				
Net cash flows used in financing activities	(6,806,254)	(2,938,336)	(212,805,857)	(92,877,162)		
Net increase in cash and cash equivalents	113,729,293	653,278,644	3,545,480,077	20,643,168,637		
Cash and cash equivalents at the beginning						
of the period	715,768,020	462,093,407	21,583,266,339	14,994,853,673		
Adjustment for the impact of exchange						
rate changes	(689,136)	410,210	1,949,408,867	(143,119,788)		
Cash and cash equivalents at the end						
of the period	828,808,177	1,115,782,261	27,078,155,283	35,494,902,522		
Non-cash transactions						
Outstanding payable from purchases						
of assets	33,633,705	492,390,088	1,051,598,793	15,563,839,819		
5. 455010	00,000,700	.52,555,556	1,001,000,100	. 0,000,000,010		

## 1 General information

PTT Exploration and Production Public Company Limited (the Company) is registered as a company in Thailand and listed on the Stock Exchange of Thailand. The address of its registered office is 555/1 Energy Complex Building A, 6<sup>th</sup> and 19<sup>th</sup> - 36<sup>th</sup> Floor, Vibhavadi-Rangsit Road, Chatuchak, Bangkok 10900.

For reporting purposes, the Company and its subsidiaries are together referred to as the Group.

The principal business operations of the Group are exploration and production of petroleum in Thailand and overseas, gas seperation plant business, foreign gas pipeline transportation and investments in projects strategically connected to the energy business.

The interim consolidated and separate financial information was authorised for issue by the Audit Committee on 7 May 2020.

## 2 Significant events during the current period

- Due to the current COVID-19 pandemic, which resulted in significant decrease in demand for oil consumption and a sharp drop in crude oil prices. The Group had assessed that for the three-month period ended 31 March 2020 there is no significant impact to the selling price as the majority products of the Group are natural gas (approximately 70% of the total product), for which the price has already been secured in accordance with the sales agreement with price formula partly linked to fuel oil and referred to an average historical price of the past 6 to 24 months (lag time). Therefore, for the three-month period ended 31 March 2020, the Group did not immediately experience on the impact from the instant decrease in gas price as well as the Group hedged certain portions of its price to reduce the price volatility. In addition, the Group's financial positions is strong with sufficient liquidity from the outstanding cash and cash equivalents and short-term investments as at 31 March 2020 of US Dollar 3,247.70 million (Baht 106,106.32 million). The Group is certain that it has the ability to maintain its liquidity and sustain through the current oil price volatility period.
- On 19 February 2020, PTTEP MENA Limited (PTTEP MENA), a subsidiary of the Group, and the coventurer signed Exploration and Production Sharing Agreement (EPSA) with Oman's Ministry of Oil and Gas (MOG) for exploration and production rights of Block12, located onshore central part of the Sultanate of Oman. PTTEP MENA holds 20% participation interests in this Block. The Sultan of Oman approved the EPSA on 25 March 2020.

## 3 Basis of preparation of the interim financial information

The interim consolidated and separate financial information has been prepared in accordance with Thai Accounting Standard (TAS) no. 34, Interim Financial Reporting, and other financial reporting requirements issued under the Securities and Exchange Act.

The interim financial information should be read in conjunction with the annual financial statements for the year ended 31 December 2019.

The Company's management has determined US Dollar as the functional currency of the Company and presents the interim consolidated and separate financial information in US Dollar. However, the Stock Exchange of Thailand and the Department of Business Development require the Company to present its interim consolidated and separate financial information in Thai Baht, so the Company also presents its financial information in Thai Baht by translating from US Dollar.

An English version of interim consolidated and separate financial information has been prepared from the interim financial information that is in the Thai language. In the event of a conflict or a difference in interpretation between the two languages, the Thai language interim financial information shall prevail.

# 4 Accounting policies

The accounting policies used in the preparation of the interim financial information are consistent with those used in the annual financial statements for the year ended 31 December 2019, except as disclosed in Note 6.

#### 5 Reclassification

The Department of Business Development announced the notification for the minimum requirement of the content in the financial statements (No. 3) B.E. 2562 dated 26 December 2019, which impacted on the preparation of financial statements for the period beginning on or after 1 January 2020. As a result, the Group has reclassified the comparative figures presented in the statement of financial position for the year ended 31 December 2019 to comply with the Notification of the Department of Business Development as referred above, including the reclassification of the comparative figures to comply with the new financial reporting standards as disclosed in Note 6.

				Con	solidated financia	l information
	•	Unit: Milli	on US Dollar			Million Baht
Statement of financial position	Previously		As	Previously		As
Statement of financial position	reported	Reclassifications	reclassified	reported	Reclassifications	reclassified
Assets						
Current assets						
Investments in trading securities	213.70	(213.70)	-	6,444.00	(6,444.00)	-
Trade and other receivables	-	983.20	983.20	-	29,647.44	29,647.44
Accounts receivable - parent company	534.84	(534.84)	-	16,127.48	(16,127.48)	-
Trade accounts receivable	258.93	(258.93)	-	7,807.65	(7,807.65)	=
Other accounts receivable	121.50	(121.50)	-	3,663.73	(3,663.73)	-
Inventories	32.10	298.24	330.34	967.79		9,960.96
Materials and supplies	298.24	(298.24)	-	8,993.17	( , , ,	-
Other current financial assets	-	213.70	213.70	-	6,444.00	6,444.00
Working capital from co-venturers	60.70	(60.70)	-	1,830.47	(1,830.47)	-
Accrued interests receivable	7.23	(7.23)	-	218.11	(218.11)	-
Other current assets - Others	95.47	(95.47)	-	2,878.86	( , , ,	-
Other current assets	-	95.47	95.47	-	2,878.86	2,878.86
Non-current assets						
Available-for-sale investments	0.52	(0.52)	-	15.81	(15.81)	-
Other long-term investments	0.35	(0.35)	=	10.41	(10.41)	=
Other non-current financial assets	-	0.87	0.87	-	26.22	26.22
Prepaid expenses	17.87	(17.87)	-	538.89	(538.89)	-
Deferred remuneration under						
agreement	11.30	(11.30)	-	340.81	(340.81)	-
Other non-current assets - Others	142.15	(142.15)	-	4,286.16	( , , ,	-
Other non-current assets	-	171.32	171.32	-	5,165.86	5,165.86
Liabilities and equity						
Current liabilities						
Trade and other payable	-	888.93	888.93	-	26,804.65	26,804.65
Trade accounts payable	107.06	(107.06)	-	3,228.42	(3,228.42)	· -
Working capital to co-venturers	12.44	(12.44)	-	375.12		-
Current portion of long-term		, ,			,	
financial liabilities	18.28	(18.28)	-	551.26	(551.26)	-
Current portion of lease liabilities	-	18.28	18.28	-	`551.26	551.26
Accrued expenses	749.65	(749.65)	-	22,604.82	(22,604.82)	-
Accrued interests payable	19.78	(19.78)	-	596.29	(596.29)	-
Non-current liabilities						
Long-term loans	718.67	(125.41)	593.26	21,670.91	(3,781.71)	17,889.20
Lease liabilities	-	125.41	125.41	-	3,781.71	3,781.71
Deferred income	5.04	(5.04)	- ·	151.84	,	, - · · · -
Other non-current liabilities - Others	118.80	(118.80)	-	3,582.33	,	-
Other non-current liabilities	-	123.84	123.84	-	3,734.17	3,734.17

	-	Heit Mill	ion US Dollar		Separate financia	: Million Baht
	Previously	Unit: Milli	As	Previously		As
Statement of financial position		Reclassifications	reclassified		Reclassifications	reclassified
Assets						
Current assets						
Current assets						
Investments in trading securities	0.21	(0.21)	_	6.34	(6.34)	_
Trade and other receivables	-	716.09	716.09	-	21,592.97	21,592.97
Account receivable - parent	353.32	(353.32)	-	10,653.92	(10,653.92)	-
company		,		,	, , ,	
Trade accounts receivable	1.19	(1.19)	-	35.75	(35.75)	-
Other accounts receivable	72.76	(72.76)	-	2,193.95	(2,193.95)	-
Inventories	5.33	98.73	104.06	160.72		3,137.76
Materials and supplies	98.73	(98.73)	-	2,977.04	(2,977.04)	, -
Other current financial assets	-	0.21	0.21	, -	6.34	6.34
Working capital from co-venturers	7.85	(7.85)	-	236.57	(236.57)	-
Accrued interests receivable	280.98	(280.98)	-	8,472.78	(8,472.78)	-
Other current assets - Others	63.54	(63.54)	-	1,916.04	(1,916.04)	-
Other current assets	-	63.54	63.54	-	1,916.04	1,916.04
Non-current assets						
Other long-term investments	0.05	(0.05)	-	1.44	(1.44)	-
Other non-current financial assets	-	0.05	0.05	-	`1.44	1.44
Deferred remuneration under						
agreement	11.30	(11.30)	-	340.81	(340.81)	-
Other non-current assets - Others	11.68	(11.68)	-	352.03	(352.03)	-
Other non-current assets	-	22.98	22.98	=	692.84	692.84
Liabilities and equity						
Current liabilities						
Trade and other payable	-	313.51	313.51	-	9,453.54	9,453.54
Trade accounts payable	23.48	(23.48)	-	707.85	(707.85)	-
Working capital to co-venturers	1.15	(1.15)	-	34.54	(34.54)	-
Current portion of long-term						
financial liabilities	0.30	(0.30)	-	9.00	(9.00)	-
Current portion of lease liabilities	-	0.30	0.30	-	9.00	9.00
Accrued expenses	285.82	(285.82)	-	8,618.75	(8,618.75)	-
Accrued interests payable	3.06	(3.06)	-	92.40	(92.40)	-
Non-current liabilities						
Long-term loans	0.76	(0.76)	-	22.98	(22.98)	-
Lease liabilities	-	0.76	0.76	-	22.98	22.98
Deferred income	3.05	(3.05)	-	91.81	(91.81)	-
Other non-current liabilities - Others	25.28	(25.28)	-	762.35	(762.35)	-
Other non-current liabilities	-	28.33	28.33	-	854.16	854.16

# 6 Adoption of new financial reporting standards and changes in accounting policies

The Group has adopted new financial reporting standards relating to financial instruments (TAS 32, TFRS 7 and TFRS 9) and leases standard (TFRS 16) from 1 January 2020. The Group recognised the cumulative impact from the adoption of these financial reporting standards restrospectively from 1 January 2020, and has not restated comparatives for the year ended 2019 reporting period, as permitted in the standards. The reclassifications and adjustments arising from the new requirements are therefore recognised in the opening statement of financial position on 1 January 2020.

# 6.1 Changes in accounting policies from adoption of the financial reporting standards relating to financial instruments and leases

## 6.1.1 Financial reporting standards relating to financial instruments (TAS 32, TFRS 7 and TFRS 9)

The Group applied the accounting policy relating to financial instruments for the reporting period before 1 January 2020 as specified in the accounting policies in the notes to the financial statements for the year ended 31 December 2019, except as disclosed as follows:

#### Financial assets

### Classification and initial measurements

The Group classifies its financial assets as follows:

- those to be measured subsequently at fair value either through profit or loss (FVPL) or through other comprehensive income (FVOCI).
- · those to be measured at amortised cost.

The Group initially recognises a financial asset on trade date at its fair value plus transaction costs that are directly attributable to the acquisition of the financial asset, except financial assets that are measured at FVPL in which transaction costs are expensed in profit or loss.

Financial assets with embedded derivatives are considered in their entirety when determining whether their cash flows are solely payment of principal and interest.

### Subsequent measurements

### Financial assets - Debt instruments

Subsequent measurement of debt instruments depends on the Group's business model for managing the asset and the cash flow characteristics of the asset. There are three measurement categories:

- Amortised cost: Assets that are held for collection of contractual cash flows that represent solely payments of principal and interest (SPPI) are measured at amortised cost. Interest income is included in interest income using the effective interest method. Any gain or loss on derecognition and gain (loss) on foreign exchange rate is presented in other income or other expenses and gain (loss) on foreign exchange rate, respectively. Impairment losses are presented as separate line item.
- FVOCI: Assets that are held for collection of contractual cash flows that represent SPPI and for selling the financial assets are measured at FVOCI. Movements in the carrying amount are taken through OCI, except impairment gains or losses which are presented as separate line item. Interest income is included in interest income. Foreign exchange gains and losses are presented in gain (loss) on foreign exchange rate. When the financial asset is derecognised, the cumulative gain or loss previously recognised in OCI is reclassified to profit or loss.
- FVPL: Assets that do not meet the criteria for amortised cost or FVOCI are measured at FVPL.
  - A gain or loss on subsequent measurement is presented in gain (loss) on remeasuring of financial instruments.
- The Group reclassifies debt instruments only when its business model for managing those assets changes.

## Financial assets - Equity instruments

All equity instruments held must be irrevocably classified to two measurement categories; i) at fair value through profit or loss, or ii) at fair value through other comprehensive income without subsequent recycling to profit or loss. The classification of equity instruments is considered on investment-by-investment basis. Dividends from such investment continue to be recognised in profit or loss as other income.

## **Impairment**

From 1 January 2020, the Group assesses expected credit loss on a forward looking basis for its financial assets - debt instruments carried at FVOCI and at amortised cost. The impairment methodology applied depends on whether there has been a significant increase in credit risk, except trade receivables, contract assets, and lease receivables which the Group applies the simplified approach in determining its expected credit loss.

### Financial liabilities and equity

### Classification

Financial instruments issued by the Group must be classified as financial liabilities or equity securities by considering contractual obligations.

- Where the Group has an unconditional contractual obligation to deliver cash or another financial asset to another entity, it is considered a financial liability unless there is a predetermined or possible settlement for a fixed amount of cash in exchange of a fixed number of the Group's own equity instruments.
- Where the Group has no contractual obligation or has an unconditional right to avoid delivering cash or another financial asset in settlement of the obligation, the financial instrument is considered an equity instrument.

## Financial guarantee

Financial guarantee contracts are recognised as a financial liability at the time the guarantee is issued. The liability is initially measured at fair value and subsequently at the higher of the amount of expected credit loss determined; and the amount initially recognised less the cumulative amount of income recognised.

## 6.1.2 Financial reporting standards relating to leases standard (TFRS 16)

Thai Financial Reporting Standard No.16, Leases, resulted in the Group, as a lessee, must recognise lease in the statements of financial position and no longer make a distinction between finance leases and operating leases. A right-of-use asset and a lease liability will be recognised, with exception on short-term and low-value assets leases.

From 1 January 2020, leases are recognised as a right-of-use asset and a corresponding liability at the date at which the leased asset is available for use by the Group. Each lease payment is allocated between the liability and finance cost. The finance cost is charged to profit or loss over the lease period so as to produce a constant periodic rate of interest on the remaining balance of the liability for each period. The right-of-use asset is depreciated over the shorter of the asset's useful life and the lease term on a straight-line basis.

Assets and liabilities arising from a lease are initially measured on a present value of lease payments which include the followings:

- fixed payments, less any lease incentives receivable.
- variable lease payment that are based on a rate or an index,
- amounts expected to be payable under residual value guarantees,
- the exercise price of a purchase option if the lessee is reasonably certain to exercise that option, and
- payments of penalties for terminating the lease, if the lease term reflects the lessee exercising that option.

The lease payments are discounted using the interest rate implicit in the lease. If that rate cannot be determined, the lessee's incremental borrowing rate is used, which is the rate that the lessee would have to pay to borrow the necessary funds to obtain an asset of similar value in a similar economic environment with similar terms and conditions.

Right-of-use assets are recognised with the initial amount of recognised lease liabilities and include any lease payments made at or before the commencement date less any lease incentives received, any initial direct costs, and restoration costs. Payments associated with short-term leases, which are leases with a lease term of 12 months or less and leases of low-value assets are recognised on a straight-line basis as an expense in profit or loss. Low-value assets comprise computer and IT equipment.

# 6.2 Impact to the financial information from the adoption of new financial reporting standards relating to financial instruments and leases standard and reclassification

The following tables show the adjustments made to the amounts recognised in each line item in the statement of financial position upon adoption of the financial reporting standards relating to financial instruments (TAS 32 and TFRS 9) and leases standard (TFRS 16):

	Consolidated financial information					
			Unit: N	Million US Dollar		
	As at 31 December 2019 Previously reported	TAS 32 and TFRS 9 Adjustments	TFRS 16 Adjustments and reclassifications	As at 1 January 2020 After adjusted		
Assets						
Current assets Trade and other receivables	983.20	-	0.18	983.38		
Non-current assets Investments in associates Property, plant and equipment Right-of-use assets Intangible assets Other non-current assets	227.63 10,661.98 - 131.97 171.32	22.71 - - -	(122.43) 495.58 (4.85) (6.71)	250.34 10,539.55 495.58 127.12 164.61		
Liabilities and equity						
Current liabilities Current portion of lease liabilities due within one year	18.28	-	83.32	101.60		
Non-current liabilities Lease liabilities	125.41	-	278.45	403.86		
<b>Equity</b> Other components of equity	(12.94)	22.71	-	9.77		
			Consolidated finan	cial information		
				nit: Million Baht		
	As at 31 December 2019	TAS 32 and	TFRS 16 Adjustments	As at 1 January		
	Previously reported	TFRS 9 Adjustments	and reclassifications	2020 After adjusted		
Assets	-			2020		
Assets Current assets Trade and other receivables	-			2020		
Current assets	reported		reclassifications	2020 After adjusted		
Current assets Trade and other receivables  Non-current assets Investments in associates Property, plant and equipment Right-of-use assets Intangible assets	29,647.44 6,863.84 321,501.44 - 3,979.61	Adjustments -	5.54 (3,691.76) 14,943.68 (146.41)	29,652.98  29,652.98  7,548.62 317,809.68 14,943.68 3,833.20		
Current assets Trade and other receivables  Non-current assets Investments in associates Property, plant and equipment Right-of-use assets Intangible assets Other non-current assets	29,647.44 6,863.84 321,501.44 - 3,979.61	Adjustments -	5.54 (3,691.76) 14,943.68 (146.41)	29,652.98  29,652.98  7,548.62 317,809.68 14,943.68 3,833.20		
Current assets Trade and other receivables  Non-current assets Investments in associates Property, plant and equipment Right-of-use assets Intangible assets Other non-current assets  Liabilities and equity  Current liabilities Current portion of lease liabilities	29,647.44 6,863.84 321,501.44 - 3,979.61 5,165.86	Adjustments -	5.54 (3,691.76) 14,943.68 (146.41) (202.29)	29,652.98  29,652.98  7,548.62 317,809.68 14,943.68 3,833.20 4,963.57		
Current assets Trade and other receivables  Non-current assets Investments in associates Property, plant and equipment Right-of-use assets Intangible assets Other non-current assets  Liabilities and equity  Current liabilities Current portion of lease liabilities due within one year  Non-current liabilities	29,647.44 6,863.84 321,501.44 3,979.61 5,165.86	Adjustments -	5.54 (3,691.76) 14,943.68 (146.41) (202.29)	29,652.98  29,652.98  7,548.62 317,809.68 14,943.68 3,833.20 4,963.57		

				cial information
				lillion US Dollar
	As at 31 December 2019 Previously	TAS 32 and TFRS 9	TFRS 16 Adjustments and	As at 1 January 2020
	reported	Adjustments	reclassifications	After adjusted
Assets				
Current assets Trade and other receivables	716.09	-	0.18	716.27
Non-current assets Property, plant and equipment	3,305.87	-	(0.97) 31.42	3,304.90
Right-of-use assets Other non-current assets	22.98	-	(0.62)	31.42 22.36
Liabilities and equity				
Current liabilities Current portion of lease liabilities due within one year	0.30	-	17.06	17.36
Non-current liabilities Lease liabilities	0.76	_	12.95	13.71
Loade habilities	0.70		12.00	10.71
				cial information
	As at			cial information nit: Million Baht
	31 December		U	nit: Million Baht As at
	31 December 2019	TAS 32 and	U TFRS 16	nit: Million Baht  As at 1 January
	31 December	TAS 32 and TFRS 9 Adjustments	U	nit: Million Baht As at
Assets	31 December 2019 Previously	TFRS 9	U TFRS 16 Adjustments and	As at 1 January 2020
Assets Current assets Trade and other receivables	31 December 2019 Previously	TFRS 9	U TFRS 16 Adjustments and	As at 1 January 2020
Current assets Trade and other receivables Non-current assets Property, plant and equipment	31 December 2019 Previously reported	TFRS 9	TFRS 16 Adjustments and reclassifications	As at 1 January 2020 After adjusted  21,598.51  99,655.82
Current assets Trade and other receivables Non-current assets	31 December 2019 Previously reported 21,592.97	TFRS 9	TFRS 16 Adjustments and reclassifications	As at 1 January 2020 After adjusted
Current assets Trade and other receivables Non-current assets Property, plant and equipment Right-of-use assets	31 December 2019 Previously reported 21,592.97 99,685.10	TFRS 9	TFRS 16 Adjustments and reclassifications  5.54  (29.28) 947.37	As at 1 January 2020 After adjusted 21,598.51 99,655.82 947.37
Current assets Trade and other receivables Non-current assets Property, plant and equipment Right-of-use assets Other non-current assets Liabilities and equity Current liabilities	31 December 2019 Previously reported 21,592.97 99,685.10	TFRS 9	TFRS 16 Adjustments and reclassifications  5.54  (29.28) 947.37	As at 1 January 2020 After adjusted 21,598.51 99,655.82 947.37
Current assets Trade and other receivables Non-current assets Property, plant and equipment Right-of-use assets Other non-current assets Liabilities and equity	31 December 2019 Previously reported 21,592.97 99,685.10	TFRS 9	TFRS 16 Adjustments and reclassifications  5.54  (29.28) 947.37	As at 1 January 2020 After adjusted 21,598.51 99,655.82 947.37

# 6.2.1 Impact of new financial reporting standards relating to financial instruments (TAS 32, TFRS 7 and TFRS 9)

The Group has adopted the new financial reporting standards relating to financial instruments other than the accounting policy relating to financial instruments as disclosed in the financial statements for the year ended 31 December 2019, from 1 January 2020. The Group recognised the cumulative impacts on the date of initial application to the brought forward retained earnings (modified retrospective).

The adoption of the new financial reporting standards on financial instruments mainly affects the Group's accounting treatment as follows:

## Classification of financial liabilities and equity

As at 1 January 2020, the Group has subordinated capital debentures which are classified as equity in the consolidated financial information and separate financial information in the amount of US Dollar 156.57 million (Baht 4,981.96 million). The Group has considered that the subordinated capital debentures will be settled upon the winding-up of the issuing company or as per the redemption rights as stipulated in the debentures' term and condition. The issuer may elect to defer the payment of a distribution at its sole discretion without any limit as to the number of times. The deferred distributions will be accumulated but will not bear additional interest. However, in accordance with TAS 32, Financial instruments: Presentation, which is effective in the period, there are certain conditions in the indenture of subordinated capital debentures, which is the case in which the court orders the issuer for restructuring that can be interpreted as the debentures' holders will have the right to redeem the debentures prior to the liquidation, as such, the subordinated capital debentures must be classified as financial liabilities. However, in accordance with an announcement issued by the Thailand Federation of Accounting Professions (TFAC) no. 95/2562, it allows the classification of the subordinated capital debentures which was issued and paid-up before 31 December 2019 to be presented as equity. The relief is granted until 31 December 2022 or when the Group has changed the conditions in the indenture to be conform with equity classification in accordance with TAS 32. Financial instruments: Presentation.

# Classification and measurement of investments in equity instruments (previously classified as other long-term investments)

As at 1 January 2020, the Group has equity instruments measured at cost in the amount of US Dollar 0.35 million (Baht 10.41 million) and equity instruments measured at cost through investment in associate in the amount of US Dollar 149.03 million (Baht 4,493.70 million) and classified as other non-current financial assets and investments in associates, respectively. These equity instruments will be measured at fair value through other comprehensive income in accordance with the new financial reporting standards. This resulted on 1 January 2020, the Group recognised a corresponding fair value adjustment of US Dollar 22.71 million (Baht 684.78 million) to other components of equity.

## Classification and measurement

On 1 January 2020 (the date of initial application), the Group's management has assessed which business models applied to the financial assets and financial liabilities held by the Group and has classified the financial assets and liabilities as below.

_				Consol	idated financial	information
<del>-</del>					Unit: Millio	n US Dollar
	Fair value through profit or loss	Derivatives - Fair value through profit or loss	Derivatives - Hedge Accouting	Fair value through other comprehensive income	Amortised cost	Total
As at 1 January 2020 Current financial assets Cash and cash equivalents		_		_	2,822.90	2,822.90
Short-term investments	-	-	=	-	200.00	200.00
Trade and other receivables Derivative assets	-	12.34	-	<del>-</del>	983.20 -	983.20 12.34
Other current financial assets Other current assets	213.70	-	-	-	40.19	213.70 40.19
_	213.70	12.34	-	-	4,046.29	4,272.33
Non-current financial assets Long-term loans to related parties Derivative assets Other non-current financial assets Other non-current assets	- - - -	- - - -	83.68 - -	- - 0.87 -	86.06 - - 60.11	86.06 83.68 0.87 60.11
	<u>-</u>	-	83.68	0.87	146.17	230.72
Current financial liabilities Trade and other payables Derivative liabilities Other current liabilities	- - -	- 15.21 -	- - -	- - -	888.93 - 66.03	888.93 15.21 66.03
_	-	15.21	-	-	954.96	970.17
Non-current financial liabilities Debentures Long-term loans Other non-current liabilities	- - 59.08	- - - -	- - -	- - -	2,704.75 593.26 0.30	2,704.75 593.26 59.38
<u> </u>	59.08	-	-	-	3,298.31	3,357.39

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_				Consoli	dated financia	l information
_						Million Baht
_	Fair value through profit or loss	Derivatives - Fair value through profit or loss	Derivatives - Hedge Accouting	Fair value through other comprehensive income	Amortised cost	Total
As at 1 January 2020 Current financial assets						
Cash and cash equivalents Short-term investments	-	-	-	-	85,121.64 6,030.80	85,121.64 6,030.80
Trade and other receivables	-	-	_	-	29,647.44	29,647.44
Derivative assets	_	372.16	_	-	-	372.16
Other current financial assets	6,444.00	-	-	-	=	6,444.00
Other current assets	-	=	-	-	1,211.75	1,211.75
_	6,444.00	372.16	<u> </u>	-	122,011.63	128,827.79
Non-current financial assets						
Long-term loans to related parties	_	-	_	-	2,594.92	2,594.92
Derivative assets	-	-	2,523.21	-	-	2,523.21
Other non-current financial assets	-	-	-	26.22	-	26.22
Other non-current assets		-	-	-	1,812.43	1,812.43
_	<u>-</u>	-	2,523.21	26.22	4,407.35	6,956.78
Current financial liabilities						
Trade and other payables	_	-	-	-	26,804.65	26,804.65
Derivative liabilities	-	458.76	-	-	-	458.76
Other current liabilities	-	-	-	-	1,991.13	1,991.13
_	-	458.76	-	-	28,795.78	29,254.54
Non-current financial liabilities						
Debentures	_	-	-	-	81,558.91	81,558.91
Long-term loans	_	-	-	-	17,889.20	17,889.20
Other non-current liabilities	1,781.60	-	-	-	8.93	1,790.53
	1,781.60	-	-	-	99,457.04	101,238.64

<del>-</del>				Ser	parate financial	information
_						on US Dollar
_	Fair value through profit or loss	Derivatives - Fair value through profit	Derivatives - Hedge Accouting	Fair value through other comprehensiv e income	Amortised	Total
_	or ioss	or loss		e income	cost	Total
As at 1 January 2020 Current financial assets Cash and cash equivalents	_	_	_	_	715.77	715.77
Short-term investments	_	-	_	_	200.00	200.00
Trade and other receivables Short-term loans to	-	-	-	-	716.09	716.09
a related party	-	-	-	-	362.00	362.00
Derivative assets Other current financial assets	0.21	0.25	=	-	-	0.25 0.21
Other current assets Other current assets	0.21	-	-	-	37.04	37.04
Other current assets					37.04	37.04
<del>-</del>	0.21	0.25	-	-	2,030.90	2,031.36
Non-current financial assets						
Long-term loans to related parties	-	-	-	-	6,410.31	6,410.31
Derivative assets	-	-	64.10	-	-	64.10
Other non-current financial assets	-	-	-	0.05	-	0.05
Other non-current assets	-	-	-	-	4.98	4.98
, <del>-</del>	-	-	64.10	0.05	6,415.29	6,479.44
Current financial liabilities						
Trade and other payables	_	-	-	-	313.51	313.51
Derivative liabilities	_	12.03	-	-	-	12.03
Other current liabilities	-	-	-	-	3.10	3.10
_	-	12.03	-	-	316.61	328.64
Non-current financial liabilities						
Debentures	-	-	-	-	377.76	377.76
_	-	-	-	-	377.76	377.76

				Sep	parate financia	
_	Fair value through	Derivatives -	Derivatives - Hedge	Fair value		Million Baht
	profit or loss	through profit or loss	Accouting	comprehensive income	Amortised cost	Total
As at 1 January 2020 Current financial assets						
Cash and cash equivalents	-	-	-	-	21,583.27	21,583.27
Short-term investments Trade and other receivables	=	-	-	=	6,030.80	6,030.80
Short-term loans to	-	-	-	-	21,592.97	21,592.97
a related party	-	-	-	-	10,915.76	10,915.76
Derivative assets	-	7.63	-	-	-	7.63
Other current financial assets	6.34	-	-	-	-	6.34
Other current assets	-	-	<u>-</u>	=	1,116.78	1,116.78
_	6.34	7.63	-	-	61,239.58	61,253.55
Non-current financial assets						
Long-term loans to related parties	=	-	-	-	193,296.37	193,296.37
Derivative assets	-	-	1,932.75	-	-	1,932.75
Other non-current financial assets	-	-	-	1.44	-	1.44
Other non-current assets	-	-	<u> </u>	-	150.07	150.07
_	-	=	1,932.75	1.44	193,446.44	195,380.63
Current financial liabilities						
Trade and other payables	=	-	-	-	9,453.54	9,453.54
Derivative liabilities	-	362.65	-	-	-	362.65
Other current liabilities	-	-	-	-	93.36	93.36
_	-	362.65	-	-	9,546.90	9,909.55
Non-current financial liabilities						
Debentures	-	-	-	-	11,391.04	11,391.04
	-	-	-	-	11,391.04	11,391.04

# 6.2.2 Impact of new financial reporting standard relating to leases (TFRS 16)

On adoption of TFRS 16 as at 1 January 2020, the Group recognised lease liabilities in relation to leases which had previously been classified as 'operating leases' under the principles of TAS 17 Leases. These liabilities were measured at the present value of the remaining lease payments, discounted using the lessee's incremental borrowing rates. The weighted average lessee's incremental borrowing rates applied to the lease liabilities for the Group and the Company were 3.10% and 2.79%, respectively.

For leases previously classified as finance leases the Group recognised the carrying amount of the lease asset and lease liability immediately before the transition as the carrying amount of the right-of-use assets and the lease liabilities at the date of initial application. The measurement principles of TFRS 16 are only applied after that date.

The reconciliations of lease liabilities as at 1 January 2020 are as follows:

			Consolidated		Separate
		financi	al information	financia	al information
		<b>Unit: Million</b>	<b>Unit: Million</b>	<b>Unit: Million</b>	Unit: Million
		US Dollar	Baht	US Dollar	Baht
Operati	ng lease commitments disclosed				
as at	31 December 2019	161.79	4,877.76	11.64	350.57
(Less):	impact from using the lessee's				
	incremental borrowing rate at the				
	date of initial application	(9.20)	(277.57)	(1.83)	(55.17)
(Less):	short-term leases recognised on a				
	straight-line basis as expense	(9.63)	(290.50)	(1.60)	(48.31)
Add:	lease impact from joint operation	57.51	1,734.09	-	-
Add:	adjustments related to extension				
	and termination options				
	of lease contracts	146.51	4,417.71	0.21	6.33
Add:	others	14.79	447.28	21.58	651.66
Lease li	ability recognised from adoption of				
TFRS	16 as at 1 January 2020	361.77	10,908.77	30.00	905.08
Add:	finance lease liabilities recognised				
	as at 31 December 2019	143.69	4,332.97	1.06	31.98
Lease I	iability recognised				
as at	1 January 2020	505.46	15,241.74	31.06	937.06
Current	lease liabilities	101.60	3,063.55	17.36	523.53
Non-cu	rrent lease liabilities	403.86	12,178.19	13.70	413.53

The recognised right-of-use assets relate to the following type of assets:

		Conso	lidated financia	l information	
·	Unit: Milli	ion US Dollar	Unit:	Million Baht	
	31 March	1 January	31 March	1 January	
-	2020	2020	2020	2020	
Petroleum exploration and					
production assets	450.59	466.86	14,721.16	14,077.53	
Others	23.80	28.72	777.68	866.15	
Total right-of-use assets	474.39	495.58	15,498.84	14,943.68	
_					

		(	Separate financial information						
	Unit: Mi	illion US Dollar	Unit: Million Baht						
	31 March	1 January	31 March	1 January					
	2020	2020	2020	2020					
1									
	6.67	5.94	217.76	179.13					
	21.27	25.48	694.99	768.24					
	27.94	31.42	912.75	947.37					

Petroleum exploration and production assets Others Total right-of-use assets

### Practical expedients applied

In applying TFRS 16 for the first time, the Group elects not to reassess whether a contract is, or contains a lease as defined under TFRS 16 at the date of initial application, but relied on its assessment made applying TAS 17 and TFRIC 4 Determining whether an Arrangement contains a Lease and no assessments on whether leases are onerous and consider the operating leases with a remaining lease term of less than 12 months as at 1 January 2020 to be short-term leases.

# **Accounting estimates**

The preparation of interim financial information requires management to make judgements, estimates and assumptions that affect the application of accounting policies and the reported amounts of assets and liabilities, income and expense. Actual results may differ from these estimates.

The preparation of interim financial information requires management to use the major assumptions and the data relating to the uncertainties in the estimate for the application of the Group's accounting policies as presented in the Consolidated and Separate financial statements for the year ended 31 December 2019.

# 8 Segment and revenue information

									Cor	solidated financia	information
										Unit: Milli	on US Dollar
		Evolor	ation and pro	duction			Gas separation plant	Gas pipeline			
	South	east Asia	ation and pro	duction			separation plant	Gas pipeilile			
For the three-month period ended	- Court	Other								Intercompany	
31 March 2020	Thailand	Southeast Asia	Australia	America	Africa	Others	Middle East S	Southeast Asia	Others	elimination	Total
Revenues - Third parties	75.00	192.76	_	0.41	_	56.96	10.56	23.65	_	_	359.34
- Related parties	978.45	151.42	_	-	16.30	-	-	77.06	-	(77.06)	1,146.17
Other income	3.82	0.07	0.02	-	-	0.02	-	0.20	27.86	(25.50)	6.49
Interest income	0.13	1.06	-	0.01	1.67	0.09	-	0.04	0.01	(0.01)	3.00
Total revenues	1,057.40	345.31	0.02	0.42	17.97	57.07	10.56	100.95	27.87	(102.57)	1,515.00
Operating expenses	122.65	123.32	_	0.27	6.21	10.20	6.78	5.04	1.98	(79.97)	196.48
Exploration expenses	0.01	28.57	0.71	0.76	-	8.57	-	-	-	-	38.62
Administrative expenses	13.02	11.64	0.36	0.99	2.99	2.85	0.70	1.36	22.10	(22.95)	33.06
Petroleum royalties	121.77	1.14	-	-	-	-	-	-	-	-	122.91
Depreciation, depletion and											
amortisation	363.61	132.06	(0.02)	0.07	9.24	16.51	1.50	7.38	0.40	(1.04)	529.71
(Gain) loss on foreign exchange rates	20.66	6.82	0.43	1.40	(0.01)	0.05	-	(0.02)	0.27	(0.50)	29.60
Finance costs	20.97	12.19	-	=	0.32	0.75	0.03	0.19	(0.44)	(3.52)	30.93
Share of profit of associates and joint ventures	-	<del>-</del>		-		(7.33)	<u>-</u>	-	(6.44)	-	(13.77)
Total expenses	662.69	315.74	1.48	3.49	18.75	31.60	9.01	13.95	18.31	(107.48)	967.54
Segment profit (loss)	394.71	29.57	(1.46)	(3.07)	(0.78)	25.47	1.55	87.00	9.56	4.91	547.46
Depreciation - general											(6.69)
Administrative expenses											(32.70)
Operating profit											508.07
Other income, net											2.16
Interest income											10.24
Finance costs											(33.93)
Gain on foreign exchange rates											17.59
Gain on remeasuring financial instruments											221.69
Gain on debt modification											22.31
Other expenses											(20.34)
Profit before income taxes	(4.40.00)	(=0 =0)			(0. =0)	(00.00)	(0.44)	(22.12)	(2.24)		727.79
Income tax - Project - Group	(149.37)	(70.76)	-	-	(3.79)	(28.99)	(0.11)	(22.18)	(0.31)	=	(275.51)
'											(176.96)
Net profit (loss)	245.34	(41.19)	(1.46)	(3.07)	(4.57)	(3.52)	1.44	64.82	9.25		275.32

For the three-month period ended   Substitution	•									Cor	solidated financia	al information
Part											Unit	: Million Baht
Por the three-month period ended   Southeast Asia   Sou			Evnlors	ation and nro	duction				Gas ningling			
Revenues - Third parties   2,338,08   6,025,26   - 12,71   - 1,760,72   326,21   741,64   - 2, (2,41,47)   1,706,72   3,781,760,72   3,781,		South		ation and pre	duction			Separation plant	Ous pipelille			
Revenues - Third parties												
-Related parties    30,529.78   4,747.07   -   -   504.66   -   2,414.97   -   (2,414.97)   35,781.51     Interest income   119.84   2.32   0.44   0.07   0.31   52.43   2.73   -   1.32   0.34   (0.34)   203.79     Interest income   32,991.76   10,807.64   0.71   13.06   557.09   1,764.04   326.21   3,164.15   871.39   (3,212.22)   47,283.83     Operating expenses   3,849.13   3,863.17   -   8.53   195.75   318.35   211.80   157.49   64.24   (2,506.41)   6,162.05     Exploration expenses   0.43   896.14   22.1   23.96   -   267.19   -   -   -   -   -   -   -   -   -	31 March 2020	Thailand	Southeast Asia	Australia	America	Africa	Others	Middle East	Southeast Asia	Others	elimination	Total
Chemistration   Chemistratio	Revenues - Third parties	2,338.08	6,025.26	-	12.71	-	1,760.72	326.21	741.64	-	-	11,204.62
Total evenues   4.06   32.99   0.07   0.31   52.43   2.73   - 1.32   0.34   (0.34)   0.34)   3.91	- Related parties	30,529.78	4,747.07	-	-	504.66	-	-	2,414.97	-	(2,414.97)	35,781.51
Total revenues   32,991.76   10,807.64   0.71   13.06   557.09   1,764.04   326.21   3,164.15   871.39   (3,212.22   47,283.83	Other income			0.64	0.04	=		=		871.05	(796.91)	203.79
Operating expenses   3,849.13   3,863.17   - 8,53   195.75   318.35   211.80   157.49   64.24   (2,566.41)   6,162.05   Exploration expenses   0,43   886.14   22.21   23.96   - 267.19   1.209.93   Administrative expenses   407.27   362.57   10.96   30.80   93.94   88.47   21.80   42.37   690.78   (716.49)   1.032.47   Petroleum royalties   3,798.91   30.32   - 3.829.23   2.0   Depreciation, depletion and amortisation   (64n) loss on foreign exchange rates   649.83   216.95   13.47   44.14   (0.39)   1.74   (0.13)   (0.46)   8.33   - 933.48   Finance costs   649.83   216.95   13.47   44.14   (0.39)   1.74   (0.13)   (0.46)   8.33   - 933.48   Finance costs	Interest income	4.06	32.99	0.07	0.31	52.43	2.73	-	1.32	0.34	(0.34)	93.91
Exploration expenses   0.43   896.14   22.21   23.96   - 267.19   1.209.93   2.009.93   2.009.94   2.009.93   2.009.95   2	Total revenues	32,991.76	10,807.64	0.71	13.06	557.09	1,764.04	326.21	3,164.15	871.39	(3,212.22)	47,283.83
Exploration expenses   0.43   896.14   22.21   23.96   - 267.19   1.209.93   2.009.93   2.009.94   2.009.93   2.009.95   2	Operating expenses	3.849.13	3.863.17	-	8.53	195.75	318.35	211.80	157.49	64.24	(2.506.41)	6.162.05
Administrative expenses				22.21		-			-	-	(=,=====,-,-,-,-,-,-,-,-,-,-,-,-,-,-,-,-	
Depreciation, depletion and amortisation (Gain) loss on foreign exchange rates (649.83 216.95 13.47 44.14 (0.39) 1.74 (0.13) (0.46) 8.33 (0.46) 933.48 (1.024) 938.68 (1.024) 938.68 (1.024) 938.69 (1.02	·					93.94		21.80	42.37	690.78	(716.49)	
(Gáin) loss on foreign exchange rates Finance costs Financ	Petroleum royalties	3,798.91	30.32	-	_	-	-	-	-	-	· ,	3,829.23
(Gain) loss on foreign exchange rates	Depreciation, depletion and amortisation	11,371.25	4,137.39	(0.56)	2.06	288.27	511.49	46.39	230.77	12.51	(32.51)	16,567.06
Share of profit of associates and joint ventures	(Gain) loss on foreign exchange rates	649.83	216.95	13.47	44.14	(0.39)	1.74	(0.13)	(0.46)	8.33	` -	
Share of profit of associates and joint ventures	Finance costs	656.00	382.33	0.06	0.11	9.90	23.59	0.85	6.02	0.04	(110.24)	968.66
Segment profit (loss)   12,258.94   918.77   (45.43)   (96.54)   (30.38)   788.37   45.50   2,727.96   299.07   153.43   17,019.69   (209.21)   (1,018.61)   (209.21)   (1,018.61)   (1,0	Share of profit of associates and joint ventures	-	-	-	-	-	(235.16)	-	-	(203.58)	<u> </u>	(438.74)
Depreciation - general (209.21) Administrative expenses (209.21) Administrative expenses (209.21) Administrative expenses (209.21)  Operating profit (1,018.61)  Operating profit (209.21)  Other income, net (209.21)  Interest income (209.21)  Other income, net (209.21)  Other income, net (209.21)  Other income, net (209.21)  Other income (209.	Total expenses	20,732.82	9,888.87	46.14	109.60	587.47	975.67	280.71	436.19	572.32	(3,365.65)	30,264.14
Depreciation - general Administrative expenses (209.21) Administra	Segment profit (loss)	12,258.94	918.77	(45.43)	(96.54)	(30.38)	788.37	45.50	2,727.96	299.07	153.43	17,019.69
Operating profit Other income, net Interest income Finance costs  Gain on foreign exchange rates Gain on foreign exchange rates Gain on debt modification Other expenses Profit before income taxes Income tax - Project - Group  Group  15,791.87 68.08 1320.27 (1,059.96)  573.04 6979.96 6979.96 6979.96 637.35) 697.93 697.93 697.93 697.93 697.93 697.93 697.93 697.93 697.93 697.93	Depreciation - general											(209.21)
Other income, net Interest income Interest income Finance costs  Gain on foreign exchange rates Gain on remeasuring financial instruments Gain on debt modification Other expenses Profit before income taxes Income tax - Project - Group  Gain on toreign exchange rates  573.04  6,982.63  6,982.63  679.96  (4,631.70) (2,217.27) - (0.08) (118.53) (896.49) (3.27) (697.03) (9.75) - (8,574.12) (5,531.94)	Administrative expenses											(1,018.61)
Other income, net Interest income Interest income Finance costs  Gain on foreign exchange rates Gain on remeasuring financial instruments Gain on debt modification Other expenses Profit before income taxes Income tax - Project - Group  Gain on toreign exchange rates  573.04  6,982.63  6,982.63  679.96  (4,631.70) (2,217.27) - (0.08) (118.53) (896.49) (3.27) (697.03) (9.75) - (8,574.12) (5,531.94)	Operating profit											15.791.87
Finance costs  Gain on foreign exchange rates Gain on remeasuring financial instruments Gain on debt modification Other expenses Profit before income taxes Income tax - Project - Group  Gain on foreign exchange rates 573.04 6,982.63 6,982.63 679.96 679.96 679.96 673.35) 697.03) 697.03) 697.03) 697.03) 697.03) 697.03) 697.03) 697.03) 697.03) 697.03)												
Finance costs (1,059.96)  Gain on foreign exchange rates Gain on remeasuring financial instruments Gain on debt modification Other expenses Profit before income taxes Income tax - Project - Group  (4,631.70) (2,217.27) - (0.08) (118.53) (896.49) (3.27) (697.03) (9.75) - (8,574.12) (5,531.94)												
Gain on remeasuring financial instruments Gain on debt modification Other expenses Profit before income taxes Income tax - Project - Group  Gain on remeasuring financial instruments 6,982.63 679.96 679.96 679.96 679.96 679.96 6857.35 697.03 697.03 697.03 697.03 697.03 697.03 697.03 697.03												
Gain on remeasuring financial instruments Gain on debt modification Other expenses Profit before income taxes Income tax - Project - Group  Gain on remeasuring financial instruments 6,982.63 679.96 679.96 679.95 679.95 679.95 697.03 697.03 697.03 697.03 697.03 697.03 697.03 697.03	Gain on foreign eychange rates											573 04
Gain on debt modification Other expenses Profit before income taxes Income tax - Project - Group Gain on debt modification (679.96 (637.35) (637.35) (637.35) (637.35) (79.96 (637.35) (79.96 (637.35) (79.96 (637.35) (79.96 (79.												
Other expenses Profit before income taxes Income tax - Project - Group  (4,631.70) (2,217.27) - (0.08) (118.53) (896.49) (3.27) (697.03) (9.75) - (8,574.12) (5,531.94)												
Profit before income taxes Income tax - Project - Group  (4,631.70) (2,217.27) - (0.08) (118.53) (896.49) (3.27) (697.03) (9.75) - (8,574.12) (5,531.94)												
Income tax - Project (4,631.70) (2,217.27) - (0.08) (118.53) (896.49) (3.27) (697.03) (9.75) - (8,574.12) (5,531.94)												
- Group (5,531.94)		(4,631.70)	(2,217.27)	-	(0.08)	(118.53)	(896.49)	(3.27)	(697.03)	(9.75)	-	,
Net profit (loss) 7,627.24 (1,298.50) (45.43) (96.62) (148.91) (108.12) 42.23 2,030.93 289.32 8,612.48		( , = = = -)	, , ,		( /	( )	()	(= =- )	(== 70)	(= -)		
	Net profit (loss)	7,627.24	(1,298.50)	(45.43)	(96.62)	(148.91)	(108.12)	42.23	2,030.93	289.32		8,612.48

								Canadia	datad finana	ial information
								Consolic		ial information
		Expl	oration and	production			Gas separation plant	Gas pipeline	Others	Total
	South	neast Asia					1			
As at 31 March 2020	Thailand	Other Southeast Asia	Australia	America	Africa	Others	Middle East	Southeast Asia		
Segment assets Investments under equity method Unallocated assets	5,945.64 -	5,645.22	322.18 4.97	329.66	2,856.56	968.95 83.06	58.31 -	673.12	28.41 376.42 –	16,828.05 464.45 5,071.80
Total assets									_	22,364.30
Segment liabilities Unallocated liabilities	4,594.96	1,551.42	3.11	6.93	96.91	416.78	15.10	139.70	25.54	6,850.45 3,951.70
Total liabilities									_	10,802.15
Capital expenditures	152.47	78.19	0.01	5.97	57.75	21.73	0.49	0.36	6.03	323.00
								Consoli	dated financ	ial information
								CONSON		it: Million Baht
							Gas separation			
		Exp	oration and	production			plant	Gas pipeline	Others	Total
	South	neast Asia		•			-			
As at 31 March 2020	Thailand	Other Southeast Asia	Australia	America	Africa	Others	Middle East	Southeast Asia		
Segment assets Investments under equity method Unallocated assets	194,251.14 -	184,436.25 -	10,525.94 162.41	10,770.51	93,326.88	31,656.74 2,713.55	1,905.04	21,991.67 -	928.28 12,298.25	549,792.45 15,174.21 165,701.77
Total assets									_	730,668.43
Segment liabilities Unallocated liabilities	150,122.82	50,686.71	101.56	226.53	3,166.29	13,616.90	493.31	4,564.14	834.37	223,812.63 129,106.73
Total liabilities									_	352,919.36
Capital expenditures	4,767.12	2,444.69	0.14	186.60	1,805.76	679.39	15.52	11.40	188.50	10,099.12

							Cons	olidated financial i	nformation
								Unit: Millio	n US Dollar
			and production	on		Gas pipeline			
	Southeast								
For the three-month period ended		er Southeast	A P .		46.	0 . 4 4	041	Intercompany	<b>-</b>
31 March 2019	Thailand	Asia	Australia	America	Africa	Southeast Asia	Others	elimination	Total
Revenues - Third parties	67.71	88.74	-	-	_	28.29	_	_	184.74
- Related parties	988.41	158.64	-	-	24.12	79.97	-	(79.97)	1,171.17
Other income	4.58	1.15	0.26	-	-	0.17	28.02	(24.50)	9.68
Interest income	0.22	0.22	0.03	-	0.02	0.06	0.02	(0.02)	0.55
Total revenues	1,060.92	248.75	0.29	-	24.14	108.49	28.04	(104.49)	1,366.14
Operating expenses	102.93	102.62	_	_	5.42	5.57	1.73	(83.19)	135.08
Exploration expenses	0.24	7.02	0.46	0.78	-	-	-	-	8.50
Administrative expenses	10.04	7.57	3.62	1.65	3.18	1.70	20.24	(22.26)	25.74
Petroleum royalties	122.06	-	-	-	-	-	-	-	122.06
Depreciation, depletion and amortisation	364.60	71.71	0.02	-	11.40	7.54	0.56	(0.77)	455.06
(Gain) loss on foreign exchange rates	(5.27)	(4.92)	0.37	0.07	0.02	(0.01)	0.07	-	(9.67)
Finance costs	28.30	8.56	-	-	0.18	0.05	-	(6.70)	30.39
Share of profit of associates and joint ventures		-	(0.01)	-	-	-	(2.72)		(2.73)
Total expenses	622.90	192.56	4.46	2.50	20.20	14.85	19.88	(112.92)	764.43
Segment profit (loss) Depreciation - general Administrative expenses	438.02	56.19	(4.17)	(2.50)	3.94	93.64	8.16	8.43	601.71 (4.34) (39.12)
Operating profit Other income, net Interest income Finance costs Gain on foreign exchange rates Loss on remeasuring financial instruments								_	558.25 2.99 26.54 (26.67) 23.06 (82.02)
Profit before income taxes Income tax - Project - Group	(129.13)	(20.00)	-	-	0.69	(15.62)	(0.97)	-	502.15 (165.03) 57.11
Net profit (loss)	308.89	36.19	(4.17)	(2.50)	4.63	78.02	7.19		394.23

<del>-</del>							Con	solidated financia	Iinformation
_								Unit:	Million Baht
_			and production	on		Gas pipeline			
	Southeast								
For the three-month period ended 31 March 2019	Oti Thailand	ner Southeast Asia	Australia	America	Africa	Southeast Asia	Others	Intercompany elimination	Total
Revenues - Third parties	2,141.50	2,803.06	-	-	-	893.96	-	-	5,838.52
- Related parties	31,242.00	5,013.13	-	-	766.40	2,527.03	-	(2,527.03)	37,021.53
Other income	144.00	36.21	8.20	-	-	5.43	885.86	(774.73)	304.97
Interest income	7.06	6.96	0.99	0.02	0.69	1.76	0.61	(0.61)	17.48
Total revenues	33,534.56	7,859.36	9.19	0.02	767.09	3,428.18	886.47	(3,302.37)	43,182.50
Operating expenses	3,253.63	3,243.01	-	-	172.14	176.18	54.85	(2,628.64)	4,271.17
Exploration expenses	7.56	222.13	14.75	24.52	-	-	-	-	268.96
Administrative expenses	317.25	239.18	114.32	52.34	100.76	53.77	639.84	(703.78)	813.68
Petroleum royalties	3,858.21	-	-	-	-	-	-	· -	3,858.21
Depreciation, depletion and amortisation	11,525.97	2,266.74	0.68	0.09	362.08	238.22	17.72	(24.23)	14,387.27
(Gain) loss on foreign exchange rate	(160.61)	(155.09)	11.58	2.14	0.59	(0.22)	2.21	-	(299.40)
Finance costs	894.73	270.47	-	-	5.73	1.68	-	(211.91)	960.70
Share of profit of associates and joint ventures	-	-	(0.36)	-	-	-	(86.05)	-	(86.41)
Total expenses	19,696.74	6,086.44	140.97	79.09	641.30	469.63	628.57	(3,568.56)	24,174.18
Segment profit (loss)	13,837.82	1,772.92	(131.78)	(79.07)	125.79	2,958.55	257.90	266.19	19,008.32
Depreciation - general									(137.13)
Administrative expenses									(1,235.60)
Operating profit									17,635.59
Other income, net									94.29
Interest income									839.04
Finance costs									(843.30)
Gain on foreign exchange rate									731.98
Loss on remeasuring financial instruments									(2,601.19)
Profit before income taxes									15,856.41
Income tax - Project	(4,069.85)	(628.63)	-	-	21.98	(493.89)	(30.62)	-	(5,201.01)
- Group		. ,				. ,			1,823.76
Net profit (loss)	9,767.97	1,144.29	(131.78)	(79.07)	147.77	2,464.66	227.28		12,479.16

							Consolic	lated financia	Linformation
							Consone		on US Dollar
		Exploration	n and product	ion			Gas pipeline	-	
	Southeast		-						
A1 04 Marrah 0040		her Southeast	A(	<b>A</b> !	A f	011	Occation and Ania	011	Tatal
As at 31 March 2019	<u>Thailand</u>	Asia	Australia	America	Africa	Otners	Southeast Asia	Others	Total
Segment assets Investments under equity method Unallocated assets	6,934.01 -	2,595.32 -	366.27 7.15	340.29 -	2,852.10 -	6.00	707.01 -	33.98 233.96 —	13,834.98 241.11 6,073.95
Total assets								_	20,150.04
Segment liabilities Unallocated liabilities	4,686.32	341.80	17.07	4.11	40.31	-	130.22	22.81	5,242.64 2,912.19
Total liabilities								_	8,154.83
Capital expenditures	160.58	77.6	19.02	1.81	21.16	6.00	0.26	55.06	341.49
							Consoli	dated financia	al information
								Unit	: Million Baht
		•	n and product	ion			Gas pipeline		
	Southeast								
A	-	ther Southeast	A 4 15 .	<b>A</b>	A.C. 1	0.1	0	0.1	<b>T</b> .4.1
As at 31 March 2019	Thailand	Asia	Australia	America	Africa	Otners	Southeast Asia	Others	Total
Segment assets Investments under equity method Unallocated assets	220,582.49	82,561.40	11,651.53 227.34	10,825.25	90,730.01	190.87 -	22,491.29 -	1,081.01 7,442.62 –	440,113.85 7,669.96 193,222.73
Total assets								_	641,006.54
Segment liabilities Unallocated liabilities	149,079.54	10,873.18	542.89	130.91	1,282.46	-	4,142.53	725.49 _	166,777.00 92,641.73
Total liabilities								_	259,418.73
Capital expenditures	5,075.77	2,452.92	601.03	57.19	668.98	189.65	8.22	1,740.45	10,794.21

The Group is organised into the following business segments:

- Exploration and production: The Group operates in oil and gas exploration and production both domestically and overseas, either as an operator or as a joint venture partner with international oil and gas companies. Most domestic projects are located in the Gulf of Thailand. Overseas projects are located in Southeast Asia, Australia, America, Africa and Others.
- Gas separation plant: The Group and partners jointly operate in gas processing business which processes natural gas into other petroleum products.
- Overseas gas pipelines: The Group has investments with its joint venture partners to operate pipelines to transport natural gas from the exploration and production projects where the Group has working interests i.e., Yadana, Yetagun and Zawtika projects.
- The Group's other operations consist mainly of investments in projects strategically connected
  to the energy business and other operations. These do not constitute a separately reportable
  segment.

#### 9 Fair value

# 9.1 Fair value estimation

The following table presents financial assets and liabilities that are measured at fair value.

						C	onsolidated finan	cial information
							Unit: N	lillion US Dollar
	Leve	el 1	Leve	el 2	Lev	el 3	To	al
	31 March 2020	31 December 2019	31 March 2020	31 December 2019	31 March 2020	31 December 2019	31 March 2020	31 December 2019
Assets								
Financial derivatives assets								
Derivatives assets used for hedging								
- Cross currency and interest rate swap	-	-	1.43	83.68	-	-	1.43	83.68
Derivatives assets measured at fair value								
through profit or loss - Oil price hedge	_		157.35	12.09	_	_	157.35	12.09
- Forward foreign exchange contracts	_	_	65.81	0.25		_	65.81	0.25
Other financial assets			00.01	0.20			00.01	0.20
Financial assets measured at fair value								
through profit or loss								
<ul> <li>Investment in debt instruments</li> </ul>	341.86	213.70	-	-	-	-	341.86	213.70
Financial assets measured at fair value through								
other comprehensive income								
- Investment in equity instruments	0.41	0.52	-	-	0.35	-	0.76	0.52
Other non-current assets								
Assets measured at fair value - Pension scheme investments								
from joint operation	44.88	44.88	_	_	_	_	44.88	44.88
nom joint operation	44.00	44.00	-		_	-	74.00	44.00
Total assets	387.15	259.10	224.59	96.02	0.35	-	612.09	355.12

						С	onsolidated finan	icial information	
·							Unit: N	Million US Dollar	
·	Leve	el 1	Lev	el 2	Lev	Level 3		Total	
	31 March 2020	31 December 2019	31 March 2020	31 December 2019	31 March 2020	31 December 2019	31 March 2020	31 December 2019	
Liabilities									
Financial derivatives liabilities									
Derivatives liabilities used for hedging									
<ul> <li>Cross currency and interest rate swap</li> </ul>	-	-	28.99	-	-	-	28.99	-	
<ul> <li>Interest rate collar (zero cost collar)</li> </ul>	-	-	1.56	=	=	-	1.56	-	
Derivatives liabilities measured at fair value									
through profit or loss			2.27	0.00			2.27	2.00	
- Oil price hedge	-	-	3.37 22.82	2.09 13.12	-	-	3.37 22.82	2.09 13.12	
Forward foreign exchange contracts Other non-current liabilities	-	-	22.02	13.12	-	-	22.02	13.12	
Financial liabilities measured at fair value									
through profit or loss									
- Contingent considerations from									
business acquisition	-	-	-	-	5.53	7.10	5.53	7.10	
<ul> <li>Contingent considerations from participating</li> </ul>									
interest acquisitionin joint venture	-	-	-	-	52.22	51.86	52.22	51.86	
Total liabilities	-	-	56.74	15.21	57.75	58.96	114.49	74.17	

						C	onsolidated finan	cial information
							U	nit: Million Baht
	Leve	el 1	Leve	el 2	Lev	el 3	То	tal
	31 March 2020	31 December 2019	31 March 2020	31 December 2019	31 March 2020	31 December 2019	31 March 2020	31 December 2019
Assets								
Financial derivatives assets Derivatives assets used for hedging								
<ul> <li>Cross currency and interest rate swap</li> <li>Derivatives assets measured at fair value through profit or loss</li> </ul>	-	-	46.81	2,523.21	-	-	46.81	2,523.21
Oil price hedge     Forward foreign exchange contracts	-	-	5,140.90 2,150.05	364.53 7.63	-	-	5,140.90 2,150.05	364.53 7.63
Other financial assets Financial assets measured at fair value through profit or loss			2,100.00	7.00			2,100.00	7.00
Investment in debt instruments     Financial assets measured at fair value through other comprehensive income	11,169.04	6,444.00	-	-	-	-	11,169.04	6,444.00
Investment in equity instruments     Other non-current assets     Assets measured at fair value	13.49	15.81	-	-	11.22	-	24.71	15.81
<ul> <li>Pension scheme investments from joint operation</li> </ul>	1,466.49	1,353.50	-	-	-	-	1,466.49	1,353.50
Total assets	12,649.02	7,813.31	7,337.76	2,895.37	11.22	-	19,998.00	10,708.68

,						C	onsolidated finan	cial information
•							U	nit: Million Baht
•	Leve	el 1	Leve	el 2	Leve	el 3	То	tal
	31 March 2020	31 December 2019	31 March 2020	31 December 2019	31 March 2020	31 December 2019	31 March 2020	31 December 2019
	-	-	947.17 50.84	-	-	-	947.17 50.84	-
ue			00.01				00.01	
	-	-	110.15	63.16	-	-	110.15	63.16
	-	-	745.71	395.60	-	-	745.71	395.60
)								
				_	180.52	213.94	180.52	213.94
	-	-	-	-	160.52	213.94	160.52	213.94
	-	-	-	-	1,706.08	1,563.84	1,706.08	1,563.84
	_	-	1,853.87	458.76	1,886.60	1,777.78	3,740.47	2,236.54

- -	-	947.17 50.84	-	-	-	947.17 50.84	-
-	-	110.15 745.71	63.16 395.60	-	-	110.15 745.71	63.16 395.60
-	-	-	-	180.52	213.94	180.52	213.94
-	-	-	-	1,706.08	1,563.84	1,706.08	1,563.84
		4.052.07	450.70	4 000 00	4 777 70	2.740.47	0.000.54

Financial derivatives liabilities

Financial liabilities measured at fair value

Derivatives liabilities used for hedging

through profit or loss

- Contingent considerations from business acquisition
- Contingent considerations from interest acquisition in joint venture

Total liabilities

Liabilities

							Separate finan	cial information
								Unit: US Dollar
	Leve	el 1	Lev	el 2	Lev	el 3	To	tal
	31 March 2020	31 December 2019						
Assets								
Financial derivatives assets								
Derivatives assets used for hedging - Cross currency and interest rate swap Derivatives assets measured at fair value	-	-	1.43	64.10	-	-	1.43	64.10
through profit or loss - Forward foreign exchange contracts Other financial assets	-	-	61.22	0.25	-	-	61.22	0.25
Financial assets measured at fair value through profit or loss - Investment in debt instruments Financial assets measured at fair value through	50.26	0.21	-	-	-	-	50.26	0.21
other comprehensive income - Investment in equity instruments	-	-	-	-	0.05	_	0.05	<u>-</u>
Total assets	50.26	0.21	62.65	64.35	0.05	-	112.96	64.56
Liabilities Financial derivatives liabilities Derivatives liabilities measured at fair value								
through profit or loss - Forward foreign exchange contracts	-	-	22.82	12.03	-	-	22.82	12.03
Total liabilities	-	-	22.82	12.03	-	-	22.82	12.03

							Separate finar	cial information
							U	nit: Million Baht
	Leve	el 1	Leve	el 2	Lev	rel 3	То	tal
	31 March 2020	31 December 2019						
Assets Financial derivatives assets Derivatives assets used for hedging			40.04	4 020 75			40.04	4 000 75
<ul> <li>Cross currency and interest rate swap Derivatives assets measured at fair value through profit or loss</li> </ul>	-	-	46.81	1,932.75	-	-	46.81	1,932.75
<ul> <li>Forward foreign exchange contracts</li> <li>Other financial assets</li> <li>Financial assets measured at fair value through profit or loss</li> </ul>	-	-	2,000.17	7.63	-	-	2,000.17	7.63
<ul> <li>Investment in debt instruments</li> <li>Financial assets measured at fair value through other comprehensive income</li> <li>Investment in equity instruments</li> </ul>	1,642.22	6.34	-	-	1.50	-	1,642.22 1.50	6.34
Total assets	1,642.22	6.34	2,046.98	1,940.38	1.50	-	3,690.70	1,946.72
Liabilities Financial derivatives liabilities Derivatives liabilities measured at fair value through profit or loss								
- Forward foreign exchange contracts	-	-	745.72	362.65	-	-	745.72	362.65
Total liabilities	_	-	745.72	362.65	-	_	745.72	362.65

### 9.2 Valuation techniques used to derive level 2 fair values

Valuation techniques used to derive level 2 fair values of financial derivative instruments are as follows:

- Oil price hedge comprises oil price swaps and options. The fair value of oil price swaps is assessed based on the price level which is calculated using the market price of future contracts. The fair value of oil price options is calculated using premium which requires various variable factors, such as the price level of swap, timing of exercise, and price volatility.
- The fair value of forward foreign exchange contracts is calculated using forward foreign exchange rates that are quoted in an active market.
- The fair value of cross currency and interest rate swaps is calculated using forward interest rates derived from the yield curves in an observable interest market and forward foreign exchange rates that are quoted in an active market.
- The fair value of interest rate collar which is zero cost collar (option) is assessed based on various variable factors, such as the price level of swap, reference rate, timing of exercise, and price volatility.

The discount factors do not significantly impact the level 2 fair value of derivative instruments.

### 9.3 Valuation techniques used to derive level 3 fair values

Valuation techniques used to derive level 3 fair values are discounted cash flow.

The following figures presented fair value and book value of financial liabilities for each catergory, but not including transaction which has a book value similar to fair value.

The details of fair value of long-term liabilities as at 31 March 2020 calculated by using the discounted cash flow based on a discount rate of borrowing with similar terms are as follows:

Unsecured and unsubordinated debentures

Consolidated financial information						
Unit: Milli	on US Dollar	Unit: Million Baht				
Book value	Fair value	Book value	Fair value			
2,258.66	2,526.52	73,793.25	82,544.38			

	Separate financial information					
Unit: Milli	ion US Dollar	Unit:	Million Baht			
Book value	Fair value	Book value	Fair value			
348.66	415.72	11,391.29	13,582.08			

Unsecured and unsubordinated debentures

Book value of unsecured and unsubordinated debentures is measured at amortised cost.

The fair value of debentures in Thai Baht is calculated using the reference price in the secondary market of Thai Bond Market Association that are quoted in an active market and classified as level 2 fair value.

The fair value of debentures in US Dollar is calculated using the reference observable price in the secondary market of foreign bond that are quoted in an active market and classified as level 2 fair value.

The fair value of the following financial assets and liabilities approximates their book value.

### Consolidated financial information

## **Separate financial information**

## **Financial assets**

- Cash and cash equivalents
- Short-term investments
- Trade and other receivables
- Other current assets
- Long-term loans to related parties
- Other non-current assets

### Financial liabilities

- Trade and other payable
- Lease liabilities
- Dividend payable
- Other current liabilities
- Long-term loans
- Other non-current liabilities

## Financial assets

- · Cash and cash equivalents
- Short-term investments
- Trade and other receivables
- Short-term loans to related parties
- Other current assets
- · Long-term loans to related parties
- Other non-current assets

#### **Financial liabilities**

- Trade and other payable
- Lease liabilities
- Dividend payable
- Other current liabilities
- Other non-current liabilities

Book value of the above financial assets and liabilities is measured at amortised cost.

# 10 Cash and cash equivalents

Cash and cash equivalents comprised:

Total cash and cash equivalents

	Consolidated financial information							
Unit: Mil	lion US Dollar	Uni	t: Million Baht					
31 March	31 December	31 March	31 December					
2020	2019	2020	2019					
1,242.54	1,867.51	40,595.22	56,312.82					
1,749.54	900.56	57,159.63	27,155.62					
24.75	19.68	808.76	593.32					
30.87	35.15	1,008.47	1,059.88					
			•					
3,047.70	2,822.90	99,572.08	85,121.64					

Cash and bank deposits Cash equivalents Fixed deposits with banks Money market funds
Total cash and cash equivalents

	Separate financial information				
Unit: Mil	llion US Dollar	Uni	t: Million Baht		
31 March 2020	31 December 2019	31 March 2020	31 December 2019		
367.94	45.24	12,021.07	1,364.07		
430.00 30.87	635.38 35.15	14,048.62 1,008.47	19,159.32 1,059.88		
828.81	715.77	27,078.16	21,583.27		

#### 11 Trade and other receivables

	Consolidated financial information				
	Unit: Mi	llion US Dollar	Un	<b>Unit: Million Baht</b>	
	31 March	31 December	31 March	31 December	
	2020	2019	2020	2019	
Trade receivables, net	484.10	793.77	15,815.92	23,935.12	
Other receivables, net	224.84	189.43	7,345.93	5,712.32	
Total trade and other receivables, net	708.94	983.20	23,161.85	29,647.44	
		S	eparate financi	ial information	
	Unit: Mil	lion US Dollar	Uni	it: Million Baht	
	31 March	31 December	31 March	31 December	
	2020	2019	2020	2019	
Trade receivables, net	263.85	354.51	8,620.39	10,689.67	
Other receivables, net	166.31	361.58	5,433.59	10,903.30	
Total trade and other receivables, net	430.16	716.09	14,053.98	21,592.97	

Aging of trade receivables can be analysed as follows:

	Consolidated financial information			
	Unit: Million US Dollar Unit: Millio			
	31 March 2020	31 December 2019	31 March 2020	31 December 2019
Not yet due	456.47	763.88	14,913.46	23,033.91
Over due - Up to 3 months	-	0.75	-	22.84
<ul> <li>Over 3 months but not over 6 months</li> <li>Over 6 months but not over 12 months</li> </ul>	0.72 16.25	27.91	23.48 531.01	- 841.54
- Over 12 months	11.67	2.33	381.10	69.96
	485.11	794.87	15,849.05	23,968.25
Less Loss allowance from impairment	(1.01)	(1.10)	(33.13)	(33.13)
Total	484.10	793.77	15,815.92	23,935.12

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	Separate financial information			
	Unit: Million US Dollar Unit: Million			t: Million Baht
	31 March	31 December	31 March	31 December
	2020	2019	2020	2019
Not yet due	236.79	325.18	7,736.04	9,805.32
Over due				
- Up to 3 months	-	0.45	-	13.55
<ul> <li>Over 3 months but not over 6 months</li> </ul>	0.41	-	13.55	-
<ul> <li>Over 6 months but not over 12 months</li> </ul>	16.24	27.90	530.67	841.21
- Over 12 months	11.42	2.08	373.26	62.72
	264.86	355.61	8,653.52	10,722.80
<u>Less</u> Loss allowance from impairment	(1.01)	(1.10)	(33.13)	(33.13)
Total	263.85	354.51	8,620.39	10,689.67

#### 12 Other current financial assets

The movements of other current financial assets for three-month period ended 31 March 2020 are as follows:

	financia	Consolidated al information	financia	Separate al information
	Unit: Million	Unit: Million	Unit: Million	Unit: Million
	US Dollar	Baht	US Dollar	Baht
Opening book value Increase	213.70	6,444.00	0.21	6.34
	423.03	13,226.46	50.00	1,563.31
Decrease Gain (loss) from change in fair value	(271.65)	(8,493.38)	(0.20)	(6.30)
	(0.03)	(1.59)	0.13	4.27
Loss on foreign exchange rate Currency translation differences	(23.32)	(729.23) 718.31	(0.01)	(0.27) 70.57
Closing book value	341.73	11,164.57	50.13	1,637.92

# 13 Significant transactions with related parties

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

In considering each possible related party relationship, the Company's attention is directed to the substance of the relationship, and not merely the legal form.

PTT Public Company Limited, a company registered in Thailand, is the major shareholder of the Company held in proportion of 64.79% of the shareholding interest. General public held the remaining shares.

Other related parties include major shareholders, associates and joint ventures of the Company, which have control in other related parties.

The pricing policies for transactions between parent company, subsidiaries, associates, joint ventures, joint operation and related parties are as follows:

- Sales are set based on market price.
- Interest income is calculated using weighted average cost of debt plus profit markup.
- The prices of purchases and services charged are in accordance with the conditions in the agreement.
- Rental expenses are set based on price in the agreement.
- Other expense comprises management and service fees charged to the parent company, subsidiaries and related parties for rendering the management services in the normal course of business. The fees are based on the service costs plus profit markup.

Significant transactions with related parties are summarised as follows:

## a) Transactions with related parties

Transactions with related parties for the three-month period ended 31 March are as follows:

	Consolidated financial information			
	Unit: Milli	on US Dollar	Unit:	Million Baht
	2020	2019	2020	2019
Parent company				
Revenue from sales	1,129.87	1,147.05	35,276.85	36,255.13
Other income	0.70	1.85	21.94	58.58
Purchase and other expenses	1.49	1.00	46.48	31.62
Subsidiaries, associates, joint ventures				
and joint operations Interest income	0.15	0.15	4.56	4.80
Other income	0.13	1.00	17.69	31.61
Rental and service expenses	8.96	8.48	280.02	267.95
Other related parties				
Revenue from sales	16.30	24.12	504.66	766.40
Other income	0.07	0.21	2.11	6.78
Purchase and other expenses	14.51	13.32	453.79	421.08
Interest income	0.63	0.87	19.58	27.40

	Separate financial information			
	Unit: Milli	Unit: Million US Dollar Unit: I		
	2020	2019	2020	2019
Parent company				
Revenue from sales	768.72	729.78	23,995.05	23,064.75
Other income	0.21	1.06	6.55	33.38
Purchase and other expenses	1.41	0.96	43.95	30.49
Subsidiaries, associates, joint ventures and joint operations				
Interest income	59.11	62.53	1,850.12	1,977.39
Other income	0.63	1.01	19.76	31.82
Rental and service expenses	8.88	8.30	277.54	262.45
Other related parties				
Other income	0.26	0.21	8.17	6.70
Purchase and other expenses	4.23	4.87	132.41	154.07

# b) Account receivable - related parties

Account receivable - related parties comprised:

		Consc	olidated financi	al information
	Unit: Mi	llion US Dollar	Uni	it: Million Baht
	31 March	31 December	31 March	31 December
	2020	2019	2020	2019
Parent company	377.15	534.84	12,321.97	16,127.47
		S	eparate financi	al information
	Unit: Mi	llion US Dollar	Uni	it: Million Baht
	31 March	31 December	31 March	31 December
	2020	2019	2020	2019
Parent company	263.15	353.32	8,597.36	10,653.92
i diciti company	200.10	000.02	0,007.00	10,000.02

# c) Short-term loans to related parties

Short-term loans to related parties comprised:

	Separate financial information			
	Unit: Million US Dollar Unit: Million			
	31 March 2020	31 December 2019	31 March 2020	31 December 2019
Subsidiary	492.22	362.00	16,081.38	10,915.76

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# d) Long-term loans to related parties

Long-term loans to related parties comprised:

		Consc	olidated financi	al information		
	Unit: Mi	llion US Dollar	Unit: Million Baht			
	31 March	31 December	31 March	31 December		
	2020	2019	2020	2019		
Associate	17.75	19.24	580.00	580.00		
Related party	66.82	66.82	2,183.12	2,014.92		
	84.57	86.06	2,763.12	2,594.92		
	Separate financial information					
	Unit: Mi	llion US Dollar	Uni	t: Million Baht		
	31 March	31 December	31 March	31 December		
	2020	2019	2020	2019		
Subsidiaries	6,865.22	6,391.07	224,294.85	192,716.37		
Associate	17.75	19.24	580.00	580.00		
	6,882.97	6,410.31	224,874.85	193,296.37		

The Company has provided loans to subsidiaries for the three-month period ended 31 March 2020 with an interest rate of 2.68% - 3.54% per annum (2019: interest rate is 4.62% per annum). The subsidiaries shall occasionally repay the loans.

The Company has provided loans to an associate for the three-month period ended 31 March 2020 with an interest rate of 3.15% - 3.35% per annum (2019: interest rate is 3.35% per annum).

The Group has provided loans to related party for the three-month period ended 31 March 2020 with an interest rate of 3.71% per annum (2019: interest rate is between 4.01% - 4.67% per annum).

The movements of the long-term loans to related parties for the three-month period are as follows:

		Consolidated al information	financia	Separate al information
	Unit: Million US Dollar	Unit: Million Baht	Unit: Million US Dollar	Unit: Million Baht
Balance as at 1 January 2020 Increase Decrease Foreign exchange differences	86.06 - - (1.49)	2,594.92 - (46.33)	6,410.31 489.29 (15.31) (1.32)	193,296.37 15,298.12 (478.56) (41.20)
Currency translation differences	-	214.53	-	16,800.12
Balance as at 31 March 2020	84.57	2,763.12	6,882.97	224,874.85

#### e) Director and executive management fees

Director and executive management fees for the three-month period ended 31 March are as follows:

Short-term benefits
Post-employment and
other long-term benefits

Consolidated financial information				
Unit: Mill	ion US Dollar	Unit	: Million Baht	
2020	2019	2020	2019	
1.88	1.34	58.90	42.42	
0.12	0.13	3.65	4.23	
2.00	1.47	62.55	46.65	

Short-term benefits
Post-employment and
other long-term benefits

	Separa	te financial in	formation
Jnit: Million (	JS Dollar	Unit: Mi	llion Baht
2020	2019	2020	2019
1.88	1.34	58.84	42.32
0.12	0.13	3.65	4.23
2.00	1.47	62.49	46.55

# 14 Investments in subsidiaries, associates and joint ventures

Shareholding portion and list of entities within the Group remain unchanged from those presented in the financial statements for the year ended 31 December 2019.

The movements of investments in subsidiaries, associates and joint ventures for the three-month period ended 31 March 2020 are as follows:

	(	Consolidated	Separat		
	financia	I information	financia	I information	
	Unit: Million	<b>Unit: Million</b>	<b>Unit: Million</b>	Unit: Million	
	US Dollar	Baht	US Dollar	Baht	
Opening book value	453.00	13,659.65	949.98	28,645.72	
Impact of adoption of TFRS 9	22.71	684.78	-	-	
Share of net profit after income taxes	13.77	438.74	-	-	
Dividend received from joint ventures	(5.62)	(175.60)	-	-	
Share of other comprehensive expense					
<ul> <li>Remeasurement of employee benefits</li> </ul>	(0.15)	(4.66)	-	-	
<ul> <li>Measurement of financial assets</li> </ul>	(13.62)	(436.84)	-	-	
<ul> <li>Currency difference arising from</li> </ul>					
translation of finanacial information of					
associates	(5.32)	(166.54)	-	-	
Increase in investment	-	-	24.00	750.39	
Currency translation differences	(0.32)	1,174.68	-	2,425.01	
Closing book value	464.45	15,174.21	973.98	31,821.12	

# **Event during the period**

On 12 February 2020, PTTEP Energy Holding (Thailand) Company Limited (PTTEP EH), a subsidiary of the Company, increased its authorised share capital amounting to Baht 726,795,600 by issuing 7,267,956 new ordinary shares at a par value of Baht 100 each.

# 15 Property, plant and equipment

The movements of property, plant and equipment for three-month period ended 31 March 2020 are as follows:

		Consolidated I information	financia	Separate Il information
	Unit: Million US Dollar	Unit: Million Baht	Unit: Million US Dollar	Unit: Million Baht
Opening book value Impact of the adoption of TFRS 16 Additions Disposals and write-off, net Reclassification Depreciation for the period Currency translation differences	10,661.98 (122.43) 291.35 (26.78) - (526.60) (0.10)	321,501.44 (3,691.76) 9,109.56 (837.19) 0.02 (16,464.58) 26,158.12	3,305.87 (0.97) 52.94 (0.14) - (258.84)	99,685.11 (29.28) 1,655.30 (4.21) - (8,093.09) 8,029.60
Closing book value	10,277.42	335,775.61	3,098.86	101,243.43

# 16 Intangible assets

The movements of intangible assets for three-month period ended 31 March 2020 are as follows:

		Consolidated Il information	Separate financial information		
	Unit: Million Unit: Million US Dollar Baht		Unit: Million US Dollar	Unit: Million Baht	
	OO DONA	Dant	OO DONA	Dant	
Opening book value	131.98	3,979.61	78.18	2,357.40	
Impact of the adoption of TFRS16	(4.85)	(146.41)	-	-	
Additions	5.01	156.83	4.45	139.31	
Disposals and write-off, net	-	(0.05)	-	-	
Amortisation for the period	(4.97)	(155.26)	(3.38)	(105.70)	
Currency translation differences	(0.01)	319.70	-	198.31	
Closing book value	127.16	4,154.42	79.25	2,589.32	

#### 17 Exploration and evaluation assets

The movements of exploration and evaluation assets for three-month period ended 31 March 2020 are as follows:

	Consolidated financial information	
	Unit: Million US Dollar	Unit: Million Baht
Opening book value Additions Decreases Reclassification Currency translation differences	2,639.49 23.33 (0.98) - (3.83)	79,591.06 729.51 (30.77) (0.02) 6,550.57
Closing book value	2,658.01	86,840.35

#### 18 Loans, debentures and lease liabilities

Loans, debentures and lease liabilities are as follows:

	Consolidated financial information			
•	Unit: Mi	llion US Dollar		it: Million Baht
	31 March 2020	31 December 2019	31 March 2020	31 December 2019
Current portion				
Current portion of lease liabilities due				
within one year	120.70	18.28	3,943.48	551.26
	120.70	18.28	3,943.48	551.26
Non-current portion				_
Debentures	2,258.66	2,704.75	73,793.25	81,558.91
Long-term loans	593.61	593.26	19,393.91	17,889.20
Lease liabilities	369.19	125.41	12,061.80	3,781.71
	3,221.46	3,423.42	105,248.96	103,229.82
Total loans, debentures and lease liaiblities	3,342.16	3,441.70	109,192.44	103,781.08
-			)	
-	Haite Mil	llion US Dollar	Separate financ	t: Million Baht
<del>-</del>	31 March	31 December	31 March	31 December
	2020	2019	2020	2019
Current portion				
Current portion of lease liabilities due				
within one year	19.15	0.30	625.52	9.00
	19.15	0.30	625.52	9.00
Non-current portion				
Debentures	348.66	377.76	11,391.29	11,391.04
Lease liabilities	9.16	0.76	299.11	22.98
	357.82	378.52	11,690.40	11,414.02
Total loans, debentures and lease liaiblities	376.97	378.82	12,315.92	11,423.02

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#### a) Debentures

The movements of debentures for the three-month period ended 31 March 2020 are as follows:

		Consolidated al information	financia	Separate al information
	Unit: Million	Unit: Million	<b>Unit: Million</b>	Unit: Million
	US Dollar	Baht	US Dollar	Baht
Opening book value	2,704.75	81,558.91	377.76	11,391.04
Cash flows:	·	·	077.70	11,001.01
Increase	130.00	4,064.61	-	-
Repayment of debentures	(480.00)	(15,007.79)	-	-
Deferred finance cost	(28.12)	(879.06)	-	-
Foreign exchange differences	(67.38)	(2,106.50)	(29.09)	(909.60)
Non-cash movement:	, ,	,	, ,	,
Amortisation of deferred financing				
service fees	(0.59)	(18.58)	(0.01)	(0.17)
Currency translation differences	-	6,181.66	-	910.02
Closing book value	2,258.66	73,793.25	348.66	11,391.29

### Repurchase and issuance of debentures

The details of movements of debentures for the three-month period ended 31 March 2020 are as follows:

- On 15 January 2020, the Group refinanced its debentures by which the existing debentures in the nominal value of US Dollar 220 million were exchanged for the new debentures with the nominal value of US Dollar 153.18 million (The present value discounted using effective interest rate of existing debentures is in the amount of US Dollar 120.69 million.) and the cash amount of US Dollar 66.90 million paid to the existing debenture holders. The Group recognised modification gain net of refinancing costs in the amount of US Dollar 22.31 million (Baht 679.96 million). On accounting basis, this refinancing of debentures is considered as an exchange between an existing debenture holders and the Group, since the newly issue debentures are issued to existing debenture holders, for which the term were not substantially different as the discounted cash flow value of new debentures varies from discounted cash flow value of previously issued debentures is less than 10%.
- PTTEP Canada International Finance Limited (PTTEP CIF) has repurchased the unsecured and unsubordinated capital debentures before its original redemption date in the amount of US Dollar 700 million in accordance with the terms and conditions of the debentures. These debentures will be redeemable in April 2021. The details are as follows:
  - On 15 January 2020, PTTEP CIF has repurchased the debentures in the amount of US Dollar 220 million, which were considered as refinancing of the Group's debentures as disclosed above.
  - On 25 February 2020, PTTEP CIF has repurchased the remaining debentures in the amount of US Dollar 480 million. The Group recognised the loss from this repurchase in the amount of US Dollar 20.34 million (Baht 637.35 million).
- On 15 January 2020, PTTEP Treasury Center Company Limited (PTTEP TC) has issued and
  offered the 10-year unsecured and unsubordinated debentures in the amount of US Dollar 350
  million with a fixed interest rate of 2.993% per annum, guaranteed by the Company. Some of the
  debentures was from refinancing of the Group's debentures as disclosed above.

## b) Long-term loans

The movements of long-term loans for the three-month period ended 31 March 2020 are as follows:

	financ	Consolidated financial information		
	Unit: Million US Dollar	Unit: Million Baht		
Opening book value Non-cash movement:	593.26	17,889.20		
Amortisation of deferred financing service fees Currency translation differences	0.35	10.86 1,493.85		
Closing book value	593.61	19,393.91		

On 23 March 2020, the Group entered into an agreement for a reference rate hedging (6M LIBOR) for long-term loans from financial institutions by entering into interest rate collar (zero cost collar) in the amount of US Dollar 300 million, which represents 50% of total loans. The interest rate collar comprise of put option with interest rate cap at 2.42% per annum and call option with interest rate floor at 0.20% per annum.

# c) Lease liabilities

The movements of lease liabilities for the three-month period ended 31 March 2020 are as follows:

	Consolidated financial information		financia	Separate al information
	Unit: Million US Dollar	Unit: Million Baht	Unit: Million US Dollar	Unit: Million Baht
Opening book value Cash flows:	143.69	4,332.97	1.06	31.98
Increase of lease liabilities Repayment of lease liabilities	3.03 (22.05)	94.73 (689.51)	1.38 (3.13)	43.15 (97.76)
Non-cash movements:  Deferred finance cost	5.27	164.66	0.21	6.60
Impact of adoption of TFRS 16 Foreign exchange differences	361.77 (1.82)	10.908.76 (56.80)	30.02 (1.23)	905.08 (38.74)
Currency translation differences	-	1,250.47	-	74.32
Closing book value	489.89	16,005.28	28.31	924.63

Related leases transaction recognised in the statement of income for the three-month period ended 31 March 2020 are as follows:

	_	onsolidated I information	financia	Separate information
	Unit: Million	Unit: Million	Unit: Million	Unit: Million
	US Dollar	Baht	US Dollar	Baht
Expenses related to short-term lease Expenses related to low-value assets lease Expenses related to variable lease payment, which does not include	2.99	93.84	0.69	21.55
	0.85	26.96	0.78	24.66
in lease liabilities	0.01	0.29	0.01	0.26

# 19 Subordinated capital debentures

On 10 January 2020, PTTEP Treasury Center Company Limited (PTTEP TC) repurchased the remaining US Dollar denominated subordinated capital debentures, which has net amount of finance costs of US Dollar 30.86 million (Baht 1,036.04 million).

# 20 Earnings per share

Basic earnings per share for the three-month periods ended 31 March are calculated as follows:

	Consolidated financial information			
		it: US Dollar		Unit: Baht
	2020	2019	2020	2019
Profit attributable to equity holders of parent (unit: million)	275.32	394.23	8,612.48	12,479.16
Less Interest expenses for subordinated capital debentures (unit: million)  Redemption of subordinated capital	(2.96)	(13.77)	(93.96)	(437.87)
debentures (unit: million) Income tax for subordinated capital	0.01	-	0.46	-
Debentures (unit: million)	(0.67)	0.13	(20.92)	3.78
Profit used to determine basic earnings per share (unit: million) Weighted average number of ordinary shares outstanding during the period	271.70	380.59	8,498.06	12,045.07
(million shares)	3,969.98	3,969.98	3,969.98	3,969.98
Basic earnings per share	0.07	0.10	2.14	3.03
		Sei	parate financia	al information
	U	nit: US Dollar		Unit: Baht
	2020	2019	2020	2019
Profit attributable to equity holders of parent (unit: million)	188.81	287.39	5,902.89	9,101.87
Less Interest expenses for subordinated capital debentures (unit: million) Income tax for subordinated capital	(2.28)	(2.27)	(73.20)	(72.07)
debentures (unit: million)	(0.99)	0.19	(30.65)	5.87
Profit used to determine basic earnings per share (unit: million) Weighted average number of ordinary shares outstanding during the period	185.54	285.31	5,799.04	9,035.67
(million shares)	3,969.98	3,969.98	3,969.98	3,969.98
Basic earnings per share	0.05	0.07	1.46	2.28

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#### 21 Dividends

On 28 March 2020, the Board of Directors passed a resolution to approve the payment of interim dividends in respect of the second half of operating results in 2019 at Baht 3.75 per share. These dividends were paid to the shareholders on 10 April 2020. When combine with the interim dividends for the first half of operating results in 2019 at Baht 2.25 per share, which were paid on 23 August 2019, the total dividend payment for the operating results in 2019 is at Baht 6 per share. The dividend will be subsequently approved in the Annual Shareholders' Meeting of the Company.

## 22 Income tax expense

Income tax rates for the three-month period ended 31 March 2020 are as follows:

	Tax Rate (%) 2020
Petroleum income tax on petroleum businesses in Thailand	
pursuant to Petroleum Income Tax Act, B.E. 2514 and 2532	50
Corporate income tax under Revenue Code	20
Corporate income tax in the Republic of the Union of Myanmar	25
Income tax from the Petroleum business in the Malaysia - Thailand	
Joint Development Area under the Petroleum Income Tax Act (No.5), B.E. 2541	
and Petroleum Income tax in Malaysia	
- From the first to the eighth accounting period	-
- From the ninth to the fifteenth accounting period	10
- From the sixteenth accounting period onwards	20
Petroleum income tax under Production Sharing Contract	
pursuant to Petroleum Income Tax Act (No. 7), B.E. 2560	20
Corporate income tax in the Socialist Republic of Vietnam	50
Corporate income tax in Australia	30
Petroleum resource rent tax in Australia	40
Corporate income tax in Canada	25
Corporate income tax in the Netherlands	25
Corporate income tax in the Republic of Kenya	30
Corporate income tax in the Republic of Mozambique	32
Corporate income tax in Indonesia	
- Corporate income tax	30
- Income tax from the profit distribution	20
Corporate income tax in the Federative Republic of Brazil	34
Corporate income tax in People's Democratic Republic of Algeria	38
Petroleum income tax in Malaysia (1)	38
Corporate income tax in Mexico	30
Corporate income tax in Sultanate of Oman	80
Corporate income tax in United Arab Emirates	55
Corporate income tax in Kazakhstan	30
Corporate income tax in Angola	25
Corporate income tax in Portugal	21
Corporate income tax in United Kingdom	19

<sup>(1)</sup> The petroleum income tax rate for marginal field which are approved for the tax reduction incentive rate of 25%.

Income tax expenses for three-month period ended 31 March comprised:

		Consolidated financial information			
	Unit: Millio	n US Dollar	Unit: Million Bal		
	2020	2019	2020	2019	
Current income tax	250.84	217.95	7,816.08	6,891.43	
Deferred income tax	201.63	(110.02)	6,289.98	(3,514.18)	
Total income tax expense	452.47	107.93	14,106.06	3,377.25	
		Sep	arate financial	information	
	Unit: Millio	n US Dollar	Unit:	Million Baht	
	2020	2019	2020	2019	
				_	
Current income tax	139.10	139.51	4,328.80	4,410.01	
Deferred income tax	133.45	(89.28)	4,165.31	(2,850.77)	
Total income tax expense	272.55	50.23	8,494.11	1,559.24	

# 23 Commitments and contingent Liabilities

## 23.1 Contractual commitments

As at 31 March 2020 and 31 December 2019, contractual expenditures contracted but not recognised as liabilities are as follows:

	Consolidated financial information				
	Unit: Mil	lion US Dollar		it: Million Baht	
	31 March 2020	31 December 2019	31 March 2020	31 December 2019	
Capital commitments Other commitments	991.22 40.01	1,028.64 47.31	32,384.41 1,307.08	31,017.65 1,426.49	
Total	1,031.23	1,075.95	33,691.49	32,444.14	
	Separate financial information				
	31 March	Ilion US Dollar 31 December	31 March	it: Million Baht 31 December	
	2020	2019	2020	2019	
Capital commitments Other commitments	401.90 22.20	345.61 28.92	13,130.46 725.46	10,421.72 871.99	
Total	424.10	374.53	13,855.92	11,293.71	

# 23.2 Contingent liabilities

- On 11 March 2016, the group of PTTEP Australasia (PTTEP AA) received a letter from a lawyer firm in Australia representing a group of West Timorese seaweed farmers, notifying the group of PTTEP AA of their intention to commence a legal action for compensation relating to the Montara oil spill incident in the Timor Sea in 2009. Subsequently, on 9 August 2016, the group of PTTEP AA was notified of a claim made in the Sydney Registry of the Federal Court of Australia seeking damages on behalf of a group of seaweed farmers (Class Action). The Statement of Claim as filed does not quantify the claim, and no supporting evidence has yet been presented to the court. The group of PTTEP AA has appointed lawyers to defend against the claim. Currently, the case is under the court determination. The Company considers that the claim from the representative of West Timorese seaweed farmers relating to Montara oil spill incident remains unproven due to insufficient evidence to support the claim.
- The Indonesia Tax Office (ITO) issued a letter to Natuna 2 B.V., a joint operation of the Group, to assess for Transfer Tax (TT) and Branch Profit Tax (BPT) on Share Purchase Agreement of Natuna 2 B.V. in 2013 between PTTEP Netherlands Holding Cooperatie U.A. and Pertamina Hulu Energi Oil and Gas, as buyers, and HESS (Luxembourg) Exploration and Production Holding S.A.R.L., as a seller. The total amount of assessed TT, BPT and applicable penalty was approximately US Dollar 119.80 million of which US Dollar 59.90 million was the Group's proportionate share.

In February 2016, Natuna 2 B.V. made an advance payment for all to assessed tax and penalty to prevent additional penalty that may arise during the appeal, together with a submission of the objection of ITO's tax assessment. In 2017, ITO rejected the objection and Natuna 2 B.V. brought the case to the tax court of Indonesia to object ITO's order and tax assessment.

Subsequently, the tax court judged that Natuna 2 B.V. won the case which resulted in recovering the full amount of advance payment in the first quarter of 2019. However, the ITO has appealed against the tax court's judgment to the Supreme Court of Indonesia while Natuna 2 B.V. has submitted the argument letter. Currently, the case is under the court determination and will be finalised when it is judged by the Supreme Court.

 As at 31 March 2020, the Company had contingent liabilities in the form of letters of guarantee amounting to US Dollar 259.43 million (Baht 8,475.88 million) for the separate financial information and US Dollar 367.39 million (Baht 12,003.11 million) for the consolidated financial information.

## 23.3 Commitments

# **Commitment from loan agreements**

The Company has a subordinated loan agreement with Energy Complex Company Limited (Energy Complex), an associate of the Company, with the loan limit of Baht 1,250 million. The agreement shall continue for 13 years and 6 months effective from 2 April 2009. The total value of loans provided to Energy Complex as at 31 March 2020 was US Dollar 17.75 million (Baht 580 million).

### Commitment from the guarantee of debentures and loans of subsidiaries

The Company has commitment for the guarantee of unsecured and unsubordinated capital debenture of US Dollar 490 million for PTTEP Canada International Finance Limited (PTTEP CIF), a subsidiary of the Group.

The Company has commitment for the guarantee of unsecured and unsubordinated capital debentures of Baht 15,000 million, US Dollar 650 million and US Dollar 350 million for PTTEP Treasury Center Company Limited (PTTEP TC).

The Company has commitment for the guarantee of unsecured and unsubordinated loans of US Dollar 600 million for PTTEP TC, a subsidiary of the Company.

The Company has commitment from entering into guarantee of a cross currency swap transaction for PTTEP TC to swap Baht debenture for US Dollar with guaranteed amount of US Dollar 360 million.

The Company has commitment from entering into guarantee of the interest rate collar (zero cost collar) for PTTEP TC.

#### **Obligation under Gas Sale Agreement**

According to the Gas Sales Agreement (GSA) of MTJDA B-1 7 Project, if PTTEP International Limited (PTTEPI), a subsidiary of the Company, and the joint operation partner, as the sellers, fail to deliver the quantity of natural gas notified by the buyer on the agreed upon date, the buyer has the right to take the deficient quantity of natural gas (Shortfall) at a price equal to 75% of the current price applicable at the time the Shortfall occurred.

As at 31 March 2020, PTTEPI had an obligation for the Shortfall as per GSA mentioned above with the approximate total cost for PTTEPI of US Dollar 0.24 million (Baht 7.84 million). Currently, the negotiation between the buyer (PTT) and the seller is in process.

## 24 Events occurring after the reporting date

On 27 April 2020, PTTEP Energy Holding (Thailand) Company Limited (PTTEP EH), a subsidiary of the Company, increased its authorised share capital to Baht 3,294,000,000 by issuing 32,940,000 new ordinary shares at a par value of Baht 100 each.