

PETRONAS Group Interim Financial Report

For Second Quarter 2019

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Cumulative qu	arter ended			Individual qu	uarter ended
30.6.2018	30.6.2019	Key Financial and Operational Highlights	30.6.2019	31.3.2019	30.6.2018
117,159	121,118	Revenue (RM mil)	59,124	61,994	59,237
37,433	38,113	Profit Before Taxation (RM mil)	19,176	18,937	19,177
26,648	28,940	Profit After Tax (RM mil)	14,692	14,248	13,625
1,259	263	Net impairment write-back (RM mil) ¹	179	84	182
		Profit After Tax excluding net impairment			
25,389	28,677	(RM mil)	14,513	14,164	13,443
52,230	54,730	EBITDA (RM mil)	26,929	27,801	27,193
		Cash flows from operating activities			
41,679	44,888	(RM mil)	21,724	23,164	19,737
19,824	15,746	Capital investments (RM mil)	7,457	8,289	7,861
		Crude oil, condensates and natural gas			
1,681	1,757	entitlement volume ('000 boe per day)	1,691	1,824	1,634

Second quarter

- PETRONAS Group's revenue for the second quarter of 2019 slightly decreased by less than 1% as compared to the second quarter of 2018 mainly due to the impact of lower average realised prices recorded for petroleum products and LNG. This was partially offset by the effect of weakening of Ringgit against US Dollar exchange rate coupled with the impact of higher sales volume mainly for crude oil and condensates as well as LNG.
- The Group recorded Profit Before Taxation ("PBT") of RM19.2 billion remain unchanged as compared to the second quarter of 2018. Profit After Tax ("PAT") of RM14.7 billion for the second quarter of 2019, increased by 8% as compared to the second quarter of 2018, primarily due to the effect of weakening of Ringgit against US Dollar exchange rate partially offset by higher product costs. Earnings Before Interest, Tax, Depreciation and Amortisation ("EBITDA") decreased by 1% as compared to the second quarter of 2018 due to lower revenue.
- Cash flows from operating activities increased by 10% as compared to the second quarter of 2018 mainly due to positive working capital changes partially offset by lower cash operating profit.
- Capital investments for the second quarter of 2019 amounted to RM7.5 billion, mainly attributable to Upstream projects.
- Crude oil, condensates and natural gas entitlement volume for the second quarter of 2019 was 1,691 thousand boe per day as compared to 1,634 thousand boe per day in the second quarter of 2018. Total production volume was 2,396 thousand boe per day as compared to 2,305 thousand boe per day in the second quarter of 2018.

Cumulative quarter

- PETRONAS Group's revenue for the first half of 2019 increased by 3% as compared to the first half of 2018 mainly due to the effect of weakening of Ringgit against US Dollar exchange rate coupled with the impact of higher sales volume mainly for petroleum products and LNG. This was partially offset by the impact of lower average realised prices recorded for petroleum and petrochemical products.
- The Group recorded PBT of RM38.1 billion and PAT of RM28.9 billion for the first half of 2019, increased by 2% and 9% respectively, as compared to the first half of 2018, primarily due to higher revenue coupled with the effect of weakening of Ringgit against US Dollar exchange rate partially offset by higher product costs. EBITDA for the first half of 2019 was RM54.7 billion, increased by 5% as compared to the first half of 2018 in line with higher PBT.
- Cash flows from operating activities increased by 8% as compared to the first half of 2018 mainly due to higher cash operating profit and higher interest income. This was partially offset by negative working capital changes.
- Capital investments for the first half of 2019 amounted to RM15.7 billion, mainly attributable to Upstream projects.
- Crude oil, condensates and natural gas entitlement volume for the first half of 2019 was 1,757 thousand boe per day as compared to 1,681 thousand boe per day in the first half of 2018. Total production volume was 2,418 thousand boe per day as compared to 2,383 thousand boe per day in the first half of 2018.

 $^{^{1}}$ Comprises net impairment write-back on property, plant and equipment, receivables and other investments (Note 24)



The Board of Directors of Petroliam Nasional Berhad ("PETRONAS" or the "Company") is pleased to announce the following unaudited condensed consolidated financial statements of PETRONAS Group for the second quarter ended 30 June 2019 which should be read in conjunction with the Explanatory Notes on pages 7 to 21.

30 June 2019 which should be read in conjunctio	n with the Explan	atory Notes on pa	ages 7 to 21.	
UNAUDITED CONDENSED CONS	SOLIDATED STAT		IT OR LOSS AND	
OTHER	COMPREHENSIVE	INCOME		
	Individual qı	uarter ended	Cumulative q	
		30 June		30 June
In RM Mil	2019	2018	2019	2018
Revenue	59,124	59,237	121,118	117,159
Cost of revenue	(36,237)	(36,023)	(73,756)	(71,444)
Gross profit	22,887	23,214	47,362	45,715
Selling and distribution expenses	(1,864)	(1,678)	(3,620)	(3,219)
Administration expenses	(2,756)	(2,828)	(6,176)	(5,855)
Net impairment write-back	179	182	263	1,259
Other expenses	(107)	(122)	(233)	(1,933)
Other income	1,112	1,088	1,825	2,874
Operating profit	19,451	19,856	39,421	38,841
Financing costs	(587)	(842)	(1,820)	(1,681)
Share of profit after tax and non-controlling interests of equity accounted associates and				
joint ventures	312	163	512	273
Profit before taxation	19,176	19,177	38,113	37,433
Tax expense	(4,484)	(5,552)	(9,173)	(10,785)
PROFIT FOR THE PERIOD	14,692	13,625	28,940	26,648
Items that will not be reclassified subsequently to profit or loss Net changes of equity investments at fair value through other comprehensive income ("OCI") - Changes in fair value Items that may be reclassified subsequently to profit or loss Net movements from exchange differences Others Total other comprehensive income/(expenses) for the period	(1) 4,148 (98) 4,049	5,749 8 5,755	1,254 (82) 1,171	(1,925) 102 (1,831)
TOTAL COMPREHENSIVE INCOME FOR THE				
PERIOD	18,741	19,380	30,111	24,817
Profit attributable to: Shareholders of the Company	12,844	11,562	24,934	22,964
Non-controlling interests	1,848	2,063	4,006	3,684
PROFIT FOR THE PERIOD	14,692	13,625	28,940	26,648
Total comprehensive income attributable to: Shareholders of the Company Non-controlling interests TOTAL COMPREHENSIVE INCOME FOR THE	16,469 2,272	16,666 2,714	26,124 3,987	21,263 3,554
DEDICE TO A LONG THE DEDICE TO A LITE	10.741	10.700	70 111	24.017

18,741

PERIOD

19,380

30,111

24,817



UNAUDITED CONDENSED CONSOLIDATED STATEME	NT OF FINANCIAL POSITION	ON
	As at	As at
In RM Mil	30.6.2019	31.12.2018
ASSETS		
Property, plant and equipment	315,234	310,385
Investment properties, land held for development		
and prepaid lease payments	11,737	13,094
Investments in associates and joint ventures	15,630	15,548
Intangible assets	23,610	22,513
Fund and other investments	2,745	2,300
Other non-current assets	38,012	31,040
TOTAL NON-CURRENT ASSETS	406,968	394,880
Trade and other inventories	14,409	14,503
Trade and other receivables	46,409	46,205
Fund and other investments	5,492	5,147
Cash and cash equivalents	169,984	173,576
Other current assets	956	2,003
TOTAL CURRENT ASSETS	237,250	241,434
TOTAL ASSETS	644,218	636,314
EQUITY		
Share capital	100	100
Reserves	381,374	380,371
Total equity attributable to shareholders of the Company	381,474	380,471
Non-controlling interests	45,796	44,781
TOTAL EQUITY	427,270	425,252
LIABILITIES		
Borrowings	47,728	45,011
Deferred tax liabilities	12,824	9,986
Other long term liabilities and provisions	44,171	44,135
TOTAL NON-CURRENT LIABILITIES	104,723	99,132
Trade and other payables	48,921	54,571
Borrowings	29,616	23,561
Taxation	5,688	3,798
Dividend payable	28,000	30,000
TOTAL CURRENT LIABILITIES	112,225	111,930
TOTAL LIABILITIES	216,948	211,062
TOTAL EQUITY AND LIABILITIES	644,218	636,314



UNAUDITED CONDENSED CONSOLIDATED STATEMENT OF CHANGES IN EQUITY

	Attributable to shareholders of the Company				
	Non-distributable				
In RM Mil Cumulative quarter ended 30 June 2018	Share Capital	Capital Reserves	Foreign Currency Translation Reserve	Fair Value through OCI Reserve	
Balance at 1 January 2018	100	14,425	31,267	75	
Net changes of equity investments at fair value through OCI: - Changes in fair value	-	<u> </u>		(8)	
Net movements from exchange differences	-	-	(1,780)	-	
Others	-	87	_	_	
Total other comprehensive income/(expenses) for the period Profit for the period	- -	87	(1,780)	(8)	
Total comprehensive income/(expenses) for the period	-	87	(1,780)	(8)	
Additional issuance of shares to non-controlling interests Changes in ownership interest in subsidiaries	-	-	-	-	
Disposal of subsidiaries Redemption of redeemable preference shares in	-	-	(162)	-	
subsidiaries Dividends	- -	116 -	- -	- -	
Total transactions with shareholders	-	116	(162)	-	
Balance at 30 June 2018	100	14,628	29,325	67	
Cumulative quarter ended 30 June 2019 Balance at 1 January 2019					
- As previously reported- Effect of the adoption of MFRS 16	100	14,191 -	31,245 -	(75) -	
At 1 January 2019, restated	100	14,191	31,245	(75)	
Net changes of equity investments at fair value through OCI:			·		
- Changes in fair value	-	- (5)	4 7 5 7	(1)	
Net movements from exchange differences Others	-	(5) (161)	1,357 -	-	
Total other comprehensive (expenses)/income for the period	-	(166)	1,357	(1)	
Profit for the period Total comprehensive (expenses)/income for	-				
the period	-	(166)	1,357	(1)	
Changes in ownership interest in subsidiaries Disposal of subsidiaries Redemption of redeemable preference shares in	-	-	(116) (260)	-	
subsidiaries	-	355	-	-	
Dividends		-	-		
Total transactions with shareholders	- 100	355	(376)	- (7.0)	
Balance at 30 June 2019	100	14,380	32,226	(76)	

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UNAUDITED CONDENSED CONSOLIDATED STATEMENT OF CHANGES IN EQUITY (continued)

Attributable to shareholders of the Company

Distributable

	General	Retained		Non- controlling	Total
In RM Mil	Reserve	Profits	Total	Interests	Equity
Cumulative quarter ended 30 June 2018					
Balance at 1 January 2018	12,000	331,518	389,385	42,992	432,377
Net changes of equity investments at fair value					
through OCI:			(0)		(0)
- Changes in fair value	-	-	(8)	- (4.4.E.)	(8)
Net movements from exchange differences	-	-	(1,780)	(145)	(1,925)
Others	-	-	87	15	102
Total other comprehensive income/(expenses)			(4.704)	(170)	(4.071)
for the period	-	- 22,964	(1,701) 22,964	(130) 3,684	(1,831) 26,648
Profit for the period Total comprehensive income/(expenses)		22,904	22,904	3,004	20,048
for the period	_	22,964	21,263	3,554	24,817
Additional issuance of shares to		22,304	21,203	3,334	24,017
non-controlling interests	_	_	_	11	11
Changes in ownership interest in subsidiaries	_	(245)	(245)	(380)	(625)
Disposal of subsidiaries	_	(2 13)	(162)	(300)	(162)
Redemption of redeemable preference shares in			(102)		(102)
subsidiaries	-	(116)	_	-	-
Dividends	-	(21,000)	(21,000)	(3,074)	(24,074)
Total transactions with shareholders	-	(21,361)	(21,407)	(3,443)	(24,850)
Balance at 30 June 2018	12,000	333,121	389,241	43,103	432,344
Cumulative quarter ended 30 June 2019					
Balance at 1 January 2019	42.000	707.040	700 474	4.4.704	405.050
- As previously reported	12,000	323,010	380,471	44,781	425,252
- Effect of the adoption of MFRS 16	12,000	(813) 322,197	(813) 379,658	(65)	(878)
At 1 January 2019, restated Net changes of equity investments at fair value	12,000	322,197	3/9,638	44,716	424,374
through OCI:					
- Changes in fair value	_	_	(1)	_	(1)
Net movements from exchange differences	_	_	1,352	(98)	1,254
Others	_	_	(161)	79	(82)
Total other comprehensive (expenses)/income			(101)	, ,	(02)
for the period	_	_	1,190	(19)	1,171
Profit for the period	-	24,934	24,934	4,006	28,940
Total comprehensive (expenses)/income for					
the period	-	24,934	26,124	3,987	30,111
Changes in ownership interest in subsidiaries	-	68	(48)	266	218
Disposal of subsidiaries	-	-	(260)	-	(260)
Redemption of redeemable preference shares in					
subsidiaries	-	(355)	_	(73)	(73)
Dividends		(24,000)	(24,000)	(3,100)	(27,100)
Total transactions with shareholders	-	(24,287)	(24,308)	(2,907)	(27,215)
Balance at 30 June 2019	12,000	322,844	381,474	45,796	427,270

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UNAUDITED CONDENSED CONSOLIDATED STATEMENT OF CASH FLOWS

	Cumulative	e quarter ended 30 June
In RM Mil	2019	2018
Cash flows from operating activities		
Profit before taxation	38,113	37,433
Adjustments for:		
Depreciation and amortisation	18,269	17,533
Net impairment losses/(write-back) on:		
- Property, plant and equipment	48	(747)
- Receivables	(311)	(516)
- Other investments	_	4
Net impairment/write-off on well costs	448	211
Net inventories written down to net realisable value	(2)	25
Share of profit after tax and non-controlling interests of equity		
accounted associates and joint ventures	(512)	(273)
Property, plant and equipment written off	2	11
Gain on disposal of investments in subsidiaries, other investments and		
property, plant and equipment	(271)	(926)
Loss on disposal of property, plant and equipment and other		
investments	45	84
Bad debts written off	2	-
Net loss/(gain) on derivatives	50	(15)
Unrealised gain on foreign exchange	(326)	(351)
Interest income	(3,682)	(2,755)
Interest expenses	1,820	1,681
Net change in provision	(11)	(602)
Operating profit before changes in working capital	53,682	50,797
Net changes in working capital	(1,671)	(492)
Cash generated from operations	52,011	50,305
Interest income from fund and other investments	2,928	1,761
Interest expenses paid	(1,390)	(1,333)
Taxation paid	(8,661)	(9,054)
Net cash generated from operating activities	44,888	41,679

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UNAUDITED CONDENSED CONSOLIDATED STATEMENT OF CASH FLOWS (continued)

	Cumulativ	e quarter ended 30 June
In RM Mil	2019	2018
Cash flows from investing activities		
Acquisition of subsidiaries, net of cash acquired	(1,121)	-
Investment in associates and joint ventures	(95)	(82)
Investment in securities and other investments Proceeds from disposal of:	(1,173)	(919)
 Investment in subsidiaries, net of cash disposed Property, plant and equipment, intangible assets and assets classified as 	281	3,012
held for sale	109	544
- Securities and other investments	496	2,854
Purchase of property, plant and equipment, investment properties,		_,
intangible assets and land held for development	(15,746)	(19,824)
Dividends received	597	537
Long term receivables to a joint venture	(2,317)	-
Proceeds from redemption of preference shares in a joint venture		155
Net cash used in investing activities	(18,969)	(13,723)
Cash flows from financing activities		
Repayment of borrowings	(6,252)	(3,648)
Drawdown of borrowings	6,045	33,290
Dividends paid	(26,000)	(8,000)
Dividends paid to non-controlling interests	(3,100)	(3,073)
Repayment of lease liabilities	(754)	-
Proceeds from shares issued to a non-controlling interest	-	11
Payment to a non-controlling interest on redemption of redeemable	(77)	
preference shares	(73)	-
Proceeds from partial disposal of equity interest to a non-controlling interest	218	_
Net cash (used in)/generated from financing activities	(29,916)	18,580
Net cash (used in//generated from infancing activities	(29,910)	10,300
Net (decrease)/increase in cash and cash equivalents	(3,997)	46,536
Increase in cash and cash equivalents restricted	(355)	(7)
Net foreign exchange differences	(372)	(807)
Cash and cash equivalents at beginning of the year	172,458	127,563
Cash and cash equivalents at end of the period	167,734	173,285
Cash and cash equivalents		
Cash and bank balances and deposits	169,984	173,957
Bank overdrafts	(1,233)	(41)
Less: Cash and cash equivalents restricted	(1,017)	(631)
<u> </u>	167,734	173,285



PART A – EXPLANATORY NOTES PURSUANT TO MFRS 134

1. BASIS OF PREPARATION

The unaudited condensed consolidated financial statements have been prepared in accordance with MFRS 134 *Interim Financial Reporting* and IAS 34 *Interim Financial Reporting*. The results for this interim period are unaudited and should be read in conjunction with the Group's audited consolidated financial statements and the accompanying notes for the year ended 31 December 2018.

The explanatory notes attached to these unaudited condensed consolidated financial statements provide an explanation of events and transactions that are significant to an understanding of the changes in the financial position and performance of the Group since the year ended 31 December 2018.

2. SIGNIFICANT ACCOUNTING POLICIES

The financial information presented herein has been prepared in accordance with the accounting policies to be used in preparing the annual consolidated financial statements for 31 December 2019 under the MFRS framework. These policies do not differ significantly from those used in the audited consolidated financial statements for 31 December 2018 except as disclosed below.

At the beginning of the current financial year, the Group and the Company adopted a new MFRS, Amendments to MFRSs and an IC Interpretation (collectively referred to as "pronouncements") that have been issued by the MASB and are applicable as listed below:

Effective for annual periods beginning on or after 1 January 2019

MFRS 16 Leases

Amendments to MFRS 3 Business Combinations (Annual Improvements 2015-2017 Cycle)

Amendments to MFRS 11 Joint Arrangements (Annual Improvements 2015-2017 Cycle)

Amendments to MFRS 112 Income Taxes (Annual Improvements 2015-2017 Cycle)

Amendments to MFRS 123 Borrowing Costs (Annual Improvements 2015-2017 Cycle)

Amendments to MFRS 128 Investments in Associates and Joint Ventures: Long-term Interests in

Associates and Joint Ventures Amendments to MFRS 119 Employee Benefits: Plan Amendment, Curtailment or Settlement

IC Interpretation 23 Uncertainty over Income Tax Treatments

The adoption of these pronouncements did not have a significant impact on the Group's reported income and net assets other than as set out below:

i. MFRS 16 Leases

MFRS 16 replaces existing leases guidance in MFRS 117 Leases, IC Interpretation 4 Determining whether an Arrangement contains a Lease, IC Interpretation 115 Operating Leases – Incentives and IC Interpretation 127 Evaluating the Substance of Transactions Involving the Legal Form of a Lease.

MFRS 16 introduces a single, on balance sheet lease accounting for lessees. A lessee recognises a-right-of-use asset representing its right to use the underlying asset and a lease liability representing its obligation to make lease payments. There are recognition exemptions for short-term leases, leases of low-value items and variable lease payments. Lessor accounting remains similar to the current standard which continues to be classified as finance lease or operating lease.

Right-of-use assets and prepaid lease payments are included under property, plant and equipment in the statement of financial position. The lease liabilities are included as borrowings in the statement of financial position.



PART A - EXPLANATORY NOTES PURSUANT TO MFRS 134 (continued)

2. SIGNIFICANT ACCOUNTING POLICIES (continued)

i. MFRS 16 Leases (continued)

As allowed by the transitional provision of MFRS 16, the Group and the Company have elected the modified retrospective approach with no restatement of comparatives. The cumulative adjustments resulting from the initial application of MFRS 16 to be recognised in retained profits and reserves as at 1 January 2019 are as follows:

Impact of adoption of MFRS 16 to opening balance as at 1 January 2019

In RM Mil

Increase in assets5,634Decrease in equity878Increase in borrowings6,512

For leases where PETRONAS Group is a lessor, there is no significant impact on leases as at 1 January 2019.

3. AUDIT REPORT OF PRECEDING ANNUAL FINANCIAL STATEMENTS

There was no qualified audit report issued by the auditors in the annual financial statements for the year ended 31 December 2018.

4. SEASONALITY OR CYCLICALITY OF OPERATIONS

The Group's operations, on overall, are not significantly affected by seasonal or cyclical fluctuations of the business/industry.

5. EXCEPTIONAL ITEMS

There was no exceptional item during the quarter under review.

6. DIVIDENDS

During the financial period:

i. the Company has paid a total dividend of RM22.0 billion, being partial payments of the approved special tax exempt dividend of RM300,000 per ordinary share amounting to RM30.0 billion declared in November 2018.

The remaining amount of the special tax exempt dividend amounting to RM8.0 billion will be paid in instalments between July 2019 and November 2019.

ii. in addition, the Company paid a dividend of RM4.0 billion, being partial payment of the approved tax exempt final dividend under Section 84 of the Petroleum (Income Tax) Act, 1967 of RM240,000 per ordinary share amounting to RM24.0 billion in respect of the financial year ended 31 December 2018.

The remaining amount of the final dividend amounting to RM20.0 billion will be paid in instalments between July 2019 and November 2019.



PART A - EXPLANATORY NOTES PURSUANT TO MFRS 134 (continued)

7. SIGNIFICANT EVENTS

- i. The federal government has established a steering committee to review the implementation of the Malaysia Agreement 1963, with the participation of Sabah and Sarawak state governments. The steering committee is expected to submit its final report by October 2019 and make recommendations to the federal government with respect to the implementation of the rights of Sabah and Sarawak.
- ii. On 1 March 2019, Engen Holdings (Pty) Ltd, a subsidiary of PETRONAS has completed a share sale transaction to dispose its investment in Engen International Holdings (Mauritius) Limited ("EIHL") to Vivo Energy plc's subsidiary, Vivo Energy Investments B.V. for a consideration amount of USD203.9 million comprising of 63.2 million new shares in Vivo Energy plc and USD62.1 million in cash.
- iii. On 12 April 2019, PETRONAS via its wholly-owned subsidiaries, PETRONAS International Power Corporation B.V., entered into a Share Purchase Agreement with ISQ Asia Aggregator Pte. Ltd., a wholly-owned entity of ISQ Asia Aggregator Ltd. for 100% equity interest of Amplus Energy Solutions Pte. Ltd. ("M+"). M+ caters for commercial and industrial customers, specialising in end-to-end solutions for rooftop and ground-mounted solar power projects across India and the Middle East. The Group completed the acquisition on 23 April 2019 upon completion of all closing conditions.
- iv. On 31 May 2019, PETRONAS disposed 5% of its interest in PETRONAS LNG 9 Sdn. Bhd. ("PL9SB") to Sabah International Petroleum. With the completion of this transaction, the Company now holds 65% interest in PL9SB.

8. CHANGES IN COMPOSITION OF THE GROUP

There was no material change in the composition of the Group.

9. FAIR VALUE INFORMATION

The following table analyses financial instruments carried at fair value by valuation method. The different levels have been defined as follows:

- Level 1 Quoted prices (unadjusted) in active markets for identical assets or liabilities.
- Level 2 Input other than quoted prices included within Level 1 that are observable for the asset or liability, either directly (i.e. as prices) or indirectly (i.e. derived from prices).

The Group recognises transfers between levels of fair value hierarchy as of the date of the event or change in circumstances that caused the transfers.

There were no transfers between Level 1 and Level 2 fair value measurements during the current financial period and comparative period.



PART A – EXPLANATORY NOTES PURSUANT TO MFRS 134 (continued)

9. FAIR VALUE INFORMATION (continued)

Primancial assets	30 June 2019 In RM Mil	Level 1	Level 2	Total
Quoted securities 573 - 573 Malaysian Government Securities - 32 32 Corporate Bonds and Sukuk - 4,647 4,647 Commodity swaps - 7 7 Forward gas contracts 247 91 338 Forward oil/gas price swaps 121 - 121 Forward oil/gas price swaps - (44) (44) Forward foreign exchange contracts - (44) (44) Forward gas contracts 357) (7) (364) Interest rate swaps - (133) (133) Interest rate swaps - (133) (133) Interest rate swaps - (133) (133) Interest rate swaps 790 28 818 Quoted shares 790 28 818 Quoted securities 123 - 123 Malaysian Government Securities 123 - 123 Malaysian Government Securities 2 2	Financial assets			
Malaysian Government Securities - 32 32 Corporate Bonds and Sukuk - 4,647 4,647 Commodity swaps - 7 7 Forward gas contracts 247 91 338 Forward oil/gas price swaps 121 - 121 Forward foreign exchange contracts - (44) (44) Forward gas contracts (357) (7) (364) Interest rate swaps - (133) (133) Interest rate swaps - (133) (133) In RM Mil Level 1 Level 2 Total Financial assets 790 28 818 Quoted shares 790 28 818 Quoted securities 123 - 123 Malaysian Government Securities 123 - 123 Malaysian Government Securities - 44 44 Corporate Bonds and Sukuk - 4,209 4,209 Commodity swaps - 2 <td< td=""><td>Quoted shares</td><td>734</td><td>-</td><td>734</td></td<>	Quoted shares	734	-	734
Corporate Bonds and Sukuk - 4,647 4,647 Commodity swaps - 7 7 Forward gas contracts 247 91 338 Forward oil/gas price swaps 121 - 121 I,675 4,777 6,452 Financial liabilities Forward foreign exchange contracts - (44) (44) Forward gas contracts (357) (7) (364) Interest rate swaps - (133) (133) Interest rate swaps - (133) (133) Interest rate swaps - (134) (541) 31 December 2018 In RM Mil Level 1 Level 2 Total Financial assets 790 28 818 Quoted shares 790 28 818 Quoted securities 123 - 123 Malaysian Government Securities - 44 44 Corporate Bonds and Sukuk - 4,209 4,209	Quoted securities	573	-	573
Commodity swaps - 7 7 Forward gas contracts 247 91 338 Forward oil/gas price swaps 121 - 121 1,675 4,777 6,452 Financial liabilities Forward foreign exchange contracts - (44) (44) Forward gas contracts (357) (7) (364) Interest rate swaps - (133) (133) Interest rate swaps - (133) (133) Interest rate swaps - (134) (541) 31 December 2018 In RM Mil Level 1 Level 2 Total Financial assets Quoted shares 790 28 818 Quoted securities - 42 123 Quoted securities - 44 44 Corporate Bonds and Sukuk - 4,209 4,209 Commodity swaps - 28 28 Forward foreign exchange contracts <td< td=""><td>Malaysian Government Securities</td><td>-</td><td>32</td><td></td></td<>	Malaysian Government Securities	-	32	
Forward gas contracts		-	4,647	4,647
Forward oil/gas price swaps 121 - 121 1,675 4,777 6,452 Financial liabilities Forward foreign exchange contracts - (44) (44) Forward gas contracts (357) (7) (364) Interest rate swaps - (133) (133) Interest rate swaps - (133) (133) In RM Mil Level 1 Level 2 Total Financial assets Quoted shares 790 28 818 Quoted securities 123 - 123 Malaysian Government Securities - 44 44 Corporate Bonds and Sukuk - 4,209 4,209 Commodity swaps - 2 2 Forward foreign exchange contracts 223 83 306 Forward gas contracts 24 - 24 Interest rate swaps - 63 63 Forward foreign exchange contracts - (19) (19) <td>· ·</td> <td>-</td> <td>•</td> <td></td>	· ·	-	•	
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Financial liabilities Forward foreign exchange contracts - (44) (44) Forward gas contracts (357) (7) (354) Interest rate swaps - (133) (133) (357) (184) (541) 31 December 2018 In RM Mil Level 1 Level 2 Total Financial assets Quoted shares 790 28 818 Quoted securities 123 - 123 Malaysian Government Securities - 44 44 Corporate Bonds and Sukuk - 4,209 4,209 Commodity swaps - 2 2 Forward foreign exchange contracts - 28 28 Forward oil/gas price swaps 24 - 24 Interest rate swaps - 63 63 Forward foreign exchange contracts - (15) (15) Forward foreign exchange contracts - (158) (158) Forward	Forward oil/gas price swaps	121	<u> </u>	121
Forward foreign exchange contracts - (44)		1,675	4,777	6,452
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Forward gas contracts (357) (7) (364) Interest rate swaps - (133) (133) 31 December 2018	Forward foreign exchange contracts	_	(44)	(44)
Commodity swaps Commodity	5	(357)	(7)	(364)
Commodity swaps Commodity	•	-	(133)	(133)
In RM Mil Level 1 Level 2 Total Financial assets 790 28 818 Quoted shares 790 28 818 Quoted securities 123 - 123 Malaysian Government Securities - 44 44 Corporate Bonds and Sukuk - 4,209 4,209 Commodity swaps - 2 2 Forward foreign exchange contracts - 28 28 Forward oil/gas price swaps 24 - 24 Interest rate swaps - 63 63 Financial liabilities - 63 63 Commodity swaps - (19) (19) Forward foreign exchange contracts - (158) (158) Forward gas contracts (281) (5) (286) Forward oil/gas price swaps (8) - (8)	·	(357)		
Financial assets Quoted shares 790 28 818 Quoted securities 123 - 123 Malaysian Government Securities - 44 44 Corporate Bonds and Sukuk - 4,209 4,209 Commodity swaps - 2 2 Forward foreign exchange contracts - 28 28 Forward gas contracts 223 83 306 Forward oil/gas price swaps 24 - 24 Interest rate swaps - 63 63 563 63 63 63 7 (19) (19) Forward foreign exchange contracts - (158) (158) Forward gas contracts (281) (5) (286) Forward oil/gas price swaps (8) - (8)	31 December 2018			
Quoted shares 790 28 818 Quoted securities 123 - 123 Malaysian Government Securities - 44 44 Corporate Bonds and Sukuk - 4,209 4,209 Commodity swaps - 2 2 Forward foreign exchange contracts - 28 28 Forward gas contracts 223 83 306 Forward oil/gas price swaps 24 - 24 Interest rate swaps - 63 63 63 63 63 63 Financial liabilities Commodity swaps - (19) (19) Forward foreign exchange contracts - (158) (158) Forward gas contracts (281) (5) (286) Forward oil/gas price swaps (8) - (8)	In RM Mil	Level 1	Level 2	Total
Quoted securities 123 - 123 Malaysian Government Securities - 44 44 Corporate Bonds and Sukuk - 4,209 4,209 Commodity swaps - 2 2 Forward foreign exchange contracts - 28 28 Forward gas contracts 223 83 306 Forward oil/gas price swaps 24 - 24 Interest rate swaps - 63 63 63 63 63 63 Financial liabilities Commodity swaps - (19) (19) Forward foreign exchange contracts - (158) (158) Forward gas contracts (281) (5) (286) Forward oil/gas price swaps (8) - (8)	Financial assets			
Malaysian Government Securities - 44 44 Corporate Bonds and Sukuk - 4,209 4,209 Commodity swaps - 2 2 Forward foreign exchange contracts - 28 28 Forward gas contracts 223 83 306 Forward oil/gas price swaps 24 - 24 Interest rate swaps - 63 63 63 63 63 63 Financial liabilities Commodity swaps - (19) (19) Forward foreign exchange contracts - (158) (158) Forward gas contracts (281) (5) (286) Forward oil/gas price swaps (8) - (8)	Quoted shares	790	28	818
Corporate Bonds and Sukuk - 4,209 4,209 Commodity swaps - 2 2 Forward foreign exchange contracts - 28 28 Forward gas contracts 223 83 306 Forward oil/gas price swaps 24 - 24 Interest rate swaps - 63 63 63 63 63 63 Financial liabilities - (19) (19) Forward foreign exchange contracts - (158) (158) Forward gas contracts (281) (5) (286) Forward oil/gas price swaps (8) - (8)		123	-	123
Commodity swaps - 2 2 Forward foreign exchange contracts - 28 28 Forward gas contracts 223 83 306 Forward oil/gas price swaps 24 - 24 Interest rate swaps - 63 63 Financial liabilities - (19) (19) Forward foreign exchange contracts - (158) (158) Forward gas contracts (281) (5) (286) Forward oil/gas price swaps (8) - (8)		-		
Forward foreign exchange contracts - 28 28 Forward gas contracts 223 83 306 Forward oil/gas price swaps 24 - 24 Interest rate swaps - 63 63 Financial liabilities - (19) (19) Forward foreign exchange contracts - (158) (158) Forward gas contracts (281) (5) (286) Forward oil/gas price swaps (8) - (8)		-		
Forward gas contracts 223 83 306 Forward oil/gas price swaps 24 - 24 Interest rate swaps - 63 63 Tinancial liabilities - (19) (19) Forward foreign exchange contracts - (158) (158) Forward gas contracts (281) (5) (286) Forward oil/gas price swaps (8) - (8)		-		
Forward oil/gas price swaps 24 - 24 Interest rate swaps - 63 63 1,160 4,457 5,617 Financial liabilities Commodity swaps - (19) (19) Forward foreign exchange contracts - (158) (158) Forward gas contracts (281) (5) (286) Forward oil/gas price swaps (8) - (8)	<u> </u>	-		
Interest rate swaps - 63 63 1,160 4,457 5,617 Financial liabilities Commodity swaps - (19) (19) Forward foreign exchange contracts - (158) (158) Forward gas contracts (281) (5) (286) Forward oil/gas price swaps (8) - (8)				
Financial liabilities 4,457 5,617 Commodity swaps - (19) (19) Forward foreign exchange contracts - (158) (158) Forward gas contracts (281) (5) (286) Forward oil/gas price swaps (8) - (8)	<u> </u>	24		
Financial liabilitiesCommodity swaps-(19)(19)Forward foreign exchange contracts-(158)(158)Forward gas contracts(281)(5)(286)Forward oil/gas price swaps(8)-(8)	interest rate swaps	1100		
Commodity swaps - (19) (19) Forward foreign exchange contracts - (158) (158) Forward gas contracts (281) (5) (286) Forward oil/gas price swaps (8) - (8)		1,160	4,45/	5,61/
Forward foreign exchange contracts - (158) (158) Forward gas contracts (281) (5) (286) Forward oil/gas price swaps (8) - (8)				
Forward gas contracts (281) (5) (286) Forward oil/gas price swaps (8) - (8)		-		
Forward oil/gas price swaps (8) (8)		-		
			(5)	
(289) (182) (471)	Forward oil/gas price swaps		<u> </u>	
		(289)	(182)	(471)



PART A - EXPLANATORY NOTES PURSUANT TO MFRS 134 (continued)

10. REVENUE

The Group's operations and main revenue streams are those described in the latest annual financial statements. The following table includes a reconciliation of the disaggregated revenue with the Group's reportable segments:

							1	Individu	al quarte	r ended 30 June
	Up	stream	m Gas and Nev		ias and New Downstream		Corporate and			Total
				Energy				Others		
In RM Mil	2019	2018	2019	2018	2019	2018	2019	2018	2019	2018
Revenue from										
contract customers	10,336	8,846	16,214	15,651	27,971	30,208	1,420	2,073	55,941	56,778
Other revenue	578	526	435	313	268	80	1,902	1,540	3,183	2,459
Total	10,914	9,372	16,649	15,964	28,239	30,288	3,322	3,613	59,124	59,237

							Cı	umulativ	e quarte	r ended
									•	30 June
	U	ostream	Gas a	Gas and New Downstream		nstream	Corporate and			Total
				Energy				Others		
In RM Mil	2019	2018	2019	2018	2019	2018	2019	2018	2019	2018
Revenue from										
contract customers	18,776	18,629	37,589	33,616	55,040	56,127	3,443	4,218	114,848	112,590
Other revenue	1,265	998	1,140	553	394	218	3,471	2,800	6,270	4,569
Total	20,041	19,627	38,729	34,169	55,434	56,345	6,914	7,018	121,118	117,159

11. OPERATING SEGMENTS

Effective second quarter of 2019, the reportable operating segments now comprise Upstream, Gas and New Energy, Downstream and Corporate and Others. The change in the reportable operating segment is in line with the change in the way the Group's business is managed. Following this new structure, the key focus of Upstream is to extract, develop and produce oil and gas whereas Gas and New Energy's main focus is the marketing and monetisation of gas. The Downstream segment's operations remain largely the same as described in the Group's audited consolidated financial statements for the year ended 31 December 2018. Accordingly, the Group has restated the operating segment information for the prior period.

For each of the reportable segment, the Group chief operating decision maker, which in this case is the PETRONAS Executive Leadership Team ("ELT"), reviews internal management reports at least on a quarterly basis.

Performance is measured based on segment Profit After Tax ("PAT"), as included in the internal management reports. Segment PAT is used to measure performance as the PETRONAS ELT believes that such information is the most relevant in evaluating the results of the segments.

11.1 Segment revenue

					Individual qu	arter ended 30 June
	2019	2018	2019	2018	2019	2018
		Restated		Restated		Restated
In RM Mil	Th	ird Parties	Inte	r-segment		Gross Total
Upstream	10,914	9,372	15,450	17,834	26,364	27,206
Gas and New Energy	16,649	15,964	2,228	1,919	18,877	17,883
Downstream	28,239	30,288	339	277	28,578	30,565
Corporate and Others	3,322	3,613	1,073	1,053	4,395	4,666
Total	59,124	59,237	19,090	21,083	78,214	80,320



PART A – EXPLANATORY NOTES PURSUANT TO MFRS 134 (continued)

11. OPERATING SEGMENTS (continued)

11.1 Segment revenue (continued)

Cumulative	quarter ended
	30 June

						50 banc
_	2019	2018	2019	2018	2019	2018
		Restated		Restated		Restated
In RM Mil	Th	ird Parties	Inter	r-segment		Gross Total
Upstream	20,041	19,627	32,060	32,778	52,101	52,405
Gas and New Energy	38,729	34,169	4,563	3,774	43,292	37,943
Downstream	55,434	56,345	613	529	56,047	56,874
Corporate and Others	6,914	7,018	2,254	1,979	9,168	8,997
Total	121,118	117,159	39,490	39,060	160,608	156,219

11.2 Segment PAT

	Individual q	uarter ended	Cumulative quarter ended		
		30 June		30 June	
	2019	2018	2019	2018	
In RM Mil		Restated		Restated	
Upstream	7,651	5,762	12,869	13,040	
Gas and New Energy	2,491	4,096	7,260	8,187	
Downstream	1,460	2,727	2,886	4,199	
Corporate and Others	2,272	1,614	4,419	1,837	
Total PAT for reportable segments	13,874	14,199	27,434	27,263	
Elimination of inter-segment transactions	818	(574)	1,506	(615)	
Consolidated PAT	14,692	13,625	28,940	26,648	



PART B - OTHER EXPLANATORY NOTES

REVIEW OF GROUP PERFORMANCE

Cumulative qu	uarter ended			Individual	quarter ended
30.6.2018	30.6.2019	In RM Mil	30.6.2019	31.3.2019	30.6.2018
117,159	121,118	Revenue	59,124	61,994	59,237
26,648	28,940	PAT	14,692	14,248	13,625
52,230	54,730	EBITDA ²	26,929	27,801	27,193
In RM Mil				As at 30.6.2019	As at 31.12.2018
Total assets				644,218	636,314
Shareholders' eq	uity			381,474	380,471
Gearing ratio ³				21.1%	19.7%
ROACE⁴				12.4%	12.0%

Second quarter PETRONAS Group recorded revenue of RM59.1 billion for the second quarter of 2019, lower by less than 1% as compared to the second quarter of 2018. The Group recorded PAT of RM14.7 billion for the second quarter of 2019, higher by 8% as compared to the second quarter of 2018.

The Group recorded a lower revenue mainly due to the impact of lower average realised prices recorded for petroleum products and LNG. This was partially offset by the effect of weakening of Ringgit against US Dollar exchange rate coupled with the impact of higher sales volume mainly for crude oil and condensates as well as LNG.

The Group recorded a higher PAT primarily due to the effect of weakening of Ringgit against US Dollar exchange rate partially offset by higher product costs. The Group recorded EBITDA of RM26.9 billion for the second quarter of 2019, lower by 1% as compared to the second quarter 2018 due to lower revenue.

Cumulative quarter PETRONAS Group recorded revenue of RM121.1 billion for the first half of 2019, higher by 3% as compared to the first half of 2018. The Group recorded PAT of RM28.9 billion for the first half of 2019, higher by 9% as compared to the first half of 2018.

The Group recorded a higher revenue mainly due to the effect of weakening of Ringgit against US Dollar exchange rate coupled with the impact of higher sales volume mainly for petroleum products and LNG. This was partially offset by lower average realised prices recorded for petroleum and petrochemical products.

The Group recorded a higher PAT primarily due to higher revenue coupled with the effect of weakening of Ringgit against US Dollar exchange rate partially offset by higher product costs. The Group recorded EBITDA of RM54.7 billion for the first half of 2019, higher by 5% as compared to the first half of 2018 in line with higher PBT.

Total assets increased to RM644.2 billion as at 30 June 2019 as compared to RM636.3 billion as at 31 December 2018. Shareholders' equity of RM381.5 billion as at 30 June 2019 increased by RM1.0 billion as compared to 31 December 2018 mainly due to profit generated during the period partially offset by the final dividend of RM24.0 billion in respect of the financial year ended 31 December 2018.

Gearing ratio increased to 21.1% as at 30 June 2019 from 19.7% as at 31 December 2018 mainly due to additional lease liabilities arising from the adoption of MFRS 16 Leases. ROACE increased to 12.4% as at 30 June 2019 from 12.0% as at 31 December 2018 in line with higher profit recorded.

² EBITDA consists of profit before taxation and non-controlling interests, with the addition of amounts previously deducted for depreciation, amortisation and net impairment loss on property, plant and equipment and intangible assets, and the exclusion of financing costs and interest income

³ Gearing ratio is calculated as adjusted total debt (total debt including provision for decommissioning of assets) divided by total equity and adjusted total debt.

Return on average capital employed (ROACE) is calculated as trailing 12 months profit before interest expense after tax divided by average total equity and long term debt during the period.



PART B - OTHER EXPLANATORY NOTES (continued)

13. REVIEW OF PERFORMANCE – UPSTREAM

Cumulative q		Financial Indicators		-	uarter ended
30.6.2018	30.6.2019	L. DMAG	30.6.2019	31.3.2019	30.6.2018
Restated		In RM Mil		Restated	Restated
		Revenue			
19,627	20,041	Third party	10,914	9,127	9,372
32,778	32,060	Inter-segment	15,450	16,610	17,834
52,405	52,101	_	26,364	25,737	27,206
13,040	12,869	PAT	7,651	5,218	5,762
Cumulative q	uarter ended	Operational Indicators		Individual q	uarter ended
30.6.2018	30.6.2019		30.6.2019	31.3.2019	30.6.2018
		•		·	
		Production ⁵ ('000 boe ⁶ per day)			
989	939	Crude oil and condensates	939	936	982
1,394	1,479	Natural gas	1,457	1,500	1,323
2,383	2,418		2,396	2,436	2,305
		•			
		Oil and gas entitlement ⁷ ('000			
		boe per day)			
609	573	Crude oil and condensates	584	562	603
1,072	1,184	Natural gas	1,107	1,262	1,031
1,681	1,757	-	1,691	1,824	1,634
1,001	1,/3/	1	1,091	1,024	1,034

Second quarter Revenue for the second quarter of 2019 was RM26.4 billion, lower by 3% as compared to the second quarter of 2018 mainly due to lower price and volume for liquids. This was partially offset by the effect of weakening of Ringgit against US Dollar exchange rate. PAT for the second quarter of 2019 was RM7.7 billion, higher by 33% as compared to the second quarter of 2018 mainly due to higher net write-back of impairment on assets, lower amortisation and product cost. This was partially offset by lower revenue recorded.

Total production volume for the second quarter of 2019 was 2,396 thousand boe per day as compared to 2,305 thousand boe per day in the second quarter of 2018 mainly due to higher natural gas production from Malaysia. This was partially offset by lower crude oil from Iraq.

Cumulative quarter Revenue for the first half of 2019 was RM52.1 billion, lower by 1% as compared to the first half of 2018 mainly due to lower average realised price and volume for liquids. This was partially offset by the effect of weakening of Ringgit against US Dollar exchange rate. PAT for the first half of 2019 was RM12.9 billion, lower by 1% as compared to the first half of 2018 mainly due to lower revenue.

Total production volume for the first half of 2019 was 2,418 thousand boe per day as compared to 2,383 thousand boe per day in the first half of 2018 mainly due to higher natural gas from Malaysia. This was partially offset by lower crude oil from Iraq.

⁵ Represents Malaysia's production (PETRONAS Group and other Operators) and PETRONAS Group's international equity production volume.

⁶ boe: barrels of oil equivalent

⁷Represents PETRONAS Group's sales entitlement to Malaysia's production and PETRONAS Group's international sales entitlement volume.



PART B - OTHER EXPLANATORY NOTES (continued)

14. REVIEW OF PERFORMANCE – GAS AND NEW ENERGY

Cumulative q	uarter ended	Financial Indicators		Individual q	uarter ended
30.6.2018	30.6.2019	In RM Mil	30.6.2019	31.3.2019	30.6.2018
		Revenue		·	
34,169	38,729	Third party	16,649	22,080	15,964
3,774	4,563	Inter-segment	2,228	2,335	1,919
37,943	43,292	•	18,877	24,415	17,883
8,187	7,260	PAT	2,491	4,769	4,096
Cumulative quarter ended		Operational Indicators		Individual quarter ended	
30.6.2018	30.6.2019		30.6.2019	31.3.2019	30.6.2018
2,788	2,928	Malaysia average sales gas volume (mmscfd) ⁸ LNG sales volume (million	2,895	2,962	2,771
14.48	15.23	tonnes)	6.78	8.45	6.56

Second quarter Revenue for the second quarter of 2019 was RM18.9 billion, higher by 6% as compared to the second quarter of 2018 mainly contributed by higher sales volume for all products coupled with the effect of weakening of Ringgit against US Dollar exchange rate. PAT for the second quarter of 2019 was RM2.5 billion, lower by 39% as compared to the second quarter of 2018 mainly due to higher product cost coupled with lower net impairment write-back on assets partially offset by higher revenue.

Malaysia average sales gas volume for the second quarter of 2019 was higher by 124 mmscfd as compared to the second quarter of 2018 mainly due to higher demand.

Total LNG sales volume for the second quarter of 2019 was higher by 0.22 million tonnes as compared to the second quarter of 2018 mainly attributed to higher volume from PETRONAS LNG Complex ("PLC").

Cumulative quarter Revenue for the first half of 2019 was RM43.3 billion, higher by 14% as compared to the first half of 2018 mainly due to higher sales volume for all products coupled with the effect of weakening of Ringgit against US Dollar exchange rate. PAT for the first half of 2019 was RM7.3 billion, lower by 11% as compared to the first half of 2018 despite higher revenue mainly due to higher product cost, lower net impairment write-back on assets and higher depreciation and amortisation offset by lower tax expense.

Malaysia average sales gas volume for the first half of 2019 was higher by 140 mmscfd as compared to the first half of 2018 mainly due to higher demand.

Total LNG sales volume for the first half of 2019 was higher by 0.75 million tonnes as compared to the first half of 2018 mainly attributed to higher volume from PLC and higher trading activities.

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⁸ mmscfd: million standard cubic feet per day



PART B - OTHER EXPLANATORY NOTES (continued)

15. REVIEW OF PERFORMANCE - DOWNSTREAM

Cumulative quarter ended		Financial Indicators		Individual q	uarter ended
30.6.2018	30.6.2019		30.6.2019	31.3.2019	30.6.2018
Restated		In RM Mil		Restated	Restated
		Revenue			
56,345	55,434	Third party	28,239	27,195	30,288
529	613	Inter-segment	339	274	277
56,874	56,047		28,578	27,469	30,565
4,199	2,886	PAT	1,460	1,426	2,727
Cumulative q	uarter ended	Operational Indicators		Individual q	uarter ended
Cumulative q 30.6.2018	uarter ended 30.6.2019	Operational Indicators	30.6.2019	Individual q 31.3.2019	uarter ended 30.6.2018
•		Operational Indicators	30.6.2019		
30.6.2018		Petroleum products sales volume (in million barrels) Crude oil sales volume	30.6.2019	31.3.2019	30.6.2018
30.6.2018 Restated	30.6.2019	Petroleum products sales volume (in million barrels)		31.3.2019 Restated	30.6.2018 Restated

Second quarter Revenue for the second quarter of 2019 was RM28.6 billion, lower by 7% as compared to the second quarter of 2018 mainly driven by lower average realised prices for petroleum products, petrochemical products and crude oil as well as lower sales volume for petroleum products.

PAT for the second quarter of 2019 was RM1.5 billion, lower by 44% as compared to the second quarter of 2018 mainly due to lower petrochemical products spreads and lower refining margins.

However, lower revenue and PAT were partially offset by the effect of weakening of Ringgit against US Dollar exchange rate.

Petroleum products sales volume was 63.2 million barrels, lower by 0.9 million barrels as compared to the second quarter of 2018 following lower trading activities despite improved domestic marketing volumes. Crude oil sales volume was 35.9 million barrels, higher by 3.1 million barrels as compared to the second quarter of 2018 due to higher crude oil marketing activities.

Petrochemical products sales volume was 2.3 million metric tonnes, higher by 0.1 million metric tonnes as compared to the second quarter of 2018 following higher production.

Cumulative quarter Revenue for the first half of 2019 was RM56.0 billion, lower by 2% as compared to the first half of 2018 mainly due to lower average realised prices for petroleum products, petrochemical products and crude oil. This was partially offset by the effect of weakening of Ringgit against US Dollar exchange rate coupled with higher sales volume for petroleum products.

PAT for the first half of 2019 was RM2.9 billion, lower by 31% as compared to the first half of 2018 mainly contributed by lower petrochemical products spreads and sales volume as well as lower refining margins. This was partially offset by the effect of weakening of Ringgit against US Dollar exchange rate.

Petroleum products sales volume was 127.5 million barrels, higher by 5.1 million barrels as compared to the first half of 2018 following higher trading volumes. Crude oil sales volume was 66.5 million barrels, higher by 0.3 million barrels as compared to the first half of 2018 resulting from higher crude oil marketing activities.

Petrochemical products sales volume was 4.2 million metric tonnes, lower by 0.3 million metric tonnes as compared to the first half of 2018 despite higher production due to inventory build-up in preparation for plant statutory turnaround activity in the upcoming quarter.



Individual quarter ended

PART B - OTHER EXPLANATORY NOTES (continued)

16. REVIEW OF PERFORMANCE – CORPORATE AND OTHERS

Cumulative quarter ended		Financial Indicators		Individual quarter ended	
30.6.2018	30.6.2019		30.6.2019	31.3.2019	30.6.2018
Restated		In RM Mil		Restated	Restated
		Revenue			
7,018	6,914	Third party	3,322	3,592	3,613
1,979	2,254	Inter-segment	1,073	1,181	1,053
8,997	9,168	•	4,395	4,773	4,666
1,837	4,419	PAT	2,272	2,147	1,614

Second quarter Revenue for the second quarter of 2019 was RM4.4 billion, lower by 6% as compared to the second quarter of 2018 mainly due to lower sales of land and development properties coupled with lower shipping income. PAT of RM2.3 billion for the second quarter of 2019, higher by 44% as compared to the second quarter of 2018 mainly due to lower construction costs coupled with lower tax expenses.

Cumulative quarter Revenue for the first half of 2019 was RM9.2 billion, higher by 2% as compared to the first half of 2018 mainly due to higher fund investment income coupled with higher shipping income partially offset by lower sales of land and development properties. PAT of RM4.4 billion for the first half of 2019, higher by more than 100% as compared to the first half of 2018 mainly due to movement from net foreign exchange loss to net foreign exchange gain coupled with lower tax expenses.

17. COMPARISON WITH PRECEDING QUARTER'S RESULT

	individual quarter ended		
In RM Mil	30.6.2019_	31.3.2019	
Revenue	59,124	61,994	
PAT	14,692	14,248	
EBITDA	26,929	27,801	

PETRONAS Group recorded revenue of RM59.1 billion for the second quarter of 2019, lower by 5% as compared to the first quarter of 2019 mainly due to the impact of lower average realised prices and lower sales volume mainly for LNG. This was partially offset by the effect of weakening of Ringgit against US Dollar exchange rate.

The Group recorded PAT of RM14.7 billion for the second quarter of 2019, higher by 4% as compared to the first quarter of 2019 primarily due to the effect of weakening of Ringgit against US Dollar exchange rate coupled with lower finance costs partially offset by the impact of lower average realised prices. The Group recorded EBITDA of RM26.9 billion for the second quarter of 2019, lower by 3% as compared to the first quarter of 2019 due to lower revenue recorded.

18. CURRENT FINANCIAL YEAR PROSPECTS

The prevailing uncertainties in the macro-economic, geopolitics and industry environment will pose challenges to the overall year end performance of PETRONAS Group. The Group will remain focused in ensuring continuous overall business improvement as well as driving commercial and operational excellence.



PART B - OTHER EXPLANATORY NOTES (continued)

19. TAXATION

	Individual quarter ended		Cumulative quarter ende	
		30 June		30 June
In RM Mil	2019	2018	2019	2018
Current tax expenses				
Malaysia	4,757	4,795	9,710	9,582
Overseas	422	475	844	566
Deferred tax expenses				
Origination and reversal of temporary				
differences	(695)	282	(1,381)	637
_	4,484	5,552	9,173	10,785

The Group's effective tax rate for the current quarter and period to date was 23.4% and 24.1% respectively.

20. CASH, FUND AND OTHER INVESTMENTS

	As at	As at
In %	30.6.2019	31.12.2018
By Currency		
RM	73.6	72.9
USD	24.2	24.7
Others	2.2	2.4
	100.0	100.0
By Maturity ⁹		
< 1 year	96.7	97.1
1 to 5 years	1.9	1.8
5 to 10 years	1.4	1.1
	100.0	100.0
By Type		
Money market	96.2	97.0
Corporate bonds	3.6	2.4
Equities	0.2	0.6
	100.0	100.0

There was no material purchase and sale of quoted securities for the current quarter.

⁹ Refers to instrument maturity dates; excludes equities.



PART B – OTHER EXPLANATORY NOTES (continued)

21. BORROWINGS

The details of the Group borrowings as at 30 June 2019 are as follows:

In RM Mil Non-Current		3	As at 0.6.2019	As at 31.12.2018
Term loans			14,197	13,002
Lease liabilities			6,581	13,002
Notes and Bonds			21,589	21,598
Islamic financing facilities			5,361	10,402
Total non-current borrowings			47,728	45,011
Current				
Term loans			6,760	7,340
Lease liabilities			1,138	7
Notes and Bonds			12,423	12,424
Islamic financing facilities			6,369	1,260
Revolving credits			1,693	2,075
Bank overdrafts			1,233	455
Total current borrowings			29,616	23,561
Total borrowings			77,344	68,572
L. DAMACI	As at	07	As a	
In RM Mil	30.6.2019	%	31.12.2018	8 %
By Currency			=0.40	
USD	61,159	79.1	58,10	
RM	9,702	12.5	7,249	
ZAR	2,388	3.1	19	
EUR	2,045	2.6	2,060	
GBP	690	0.9	849	
Others	1,360	1.8	289	
	77,344	100.0	68,57	2 100.0
By Repayment Schedule				
< 1 year	29,616	38.3	23,56	1 34.4
1 to 5 years	23,227	30.0	25,309	
5 to 10 years	23,221			
3 (0 10 years		17.5		
> 10 years	13,541 10,960		11,105 8,59	5 16.2



PART B – OTHER EXPLANATORY NOTES (continued)

22. OFF BALANCE SHEET FINANCIAL INSTRUMENTS

There was no off balance sheet financial instrument for the quarter ended 30 June 2019.

23. MATERIAL LITIGATION

The legal suit brought against the Company by the Kelantan State Government in 2010 in respect of payment of petroleum proceeds under the terms of the agreement dated 9 May 1975 entered into between the Kelantan State Government and PETRONAS has been withdrawn by the Kelantan State Government without liberty to file afresh.

24. PROFIT FOR THE PERIOD

	Individual qı	uarter ended 30 June	Cumulative q	uarter ended 30 June
In RM Mil	2019	2018	2019	2018
Included in profit for the period are the following charges:				
Depreciation and amortisation Loss on disposal of:	8,830	8,915	18,269	17,533
- property, plant and equipment	44	79	45	84
subsidiariesNet impairment losses on:	6	-	-	-
- property, plant and equipment	44	166	48	-
- other investments	-	-	-	4
Net impairment/write-off on well costs ¹⁰	271	183	448	211
Net loss on derivatives	40	8	50	1 101
Net loss on foreign exchange Property, plant and equipment written off	-	9	2	1,191 11
Net change in fair value of contract	_	9	2	11
liabilities	32	-	-	-
and credits:				
Dividend income Gain on disposal of:	28	3	160	7
- property, plant and equipment	10	2	46	11
- other investments	2	229	19	414
- subsidiaries	_	-	206	501
Interest income	1,840	1,542	3,682	2,755
Net gain on derivatives	-	-	-	15
Net gain on foreign exchange Net write-back of impairment losses on:	309	87	103	-
- property, plant and equipment	_	-	-	747
- receivables	223	348	311	516
Net change in fair value of contract liabilities	-	255	11	602

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 $^{^{\}rm 10}\,\text{Comprises}$ impairment and write-off of exploration expenditure under intangible assets.



PART B – OTHER EXPLANATORY NOTES (continued)

25. DIVIDENDS

As disclosed in Note 6.

26. EXCHANGE RATES

	Individual quarter ended			Cumulative quarter ended		
US dollar/RM	30.6.2019	31.3.2019	30.6.2018	30.6.2019	30.6.2018	31.12.2018
Average rate	4.1481	4.0905	3.9487	4.1193	3.9368	4.0347
Closing rate	4.1415	4.0795	4.0455	4.1415	4.0455	4.1445

By order of the Board

Intan Shafinas (Tuty) Hussain (LS0009774) Company Secretary Kuala Lumpur 28 August 2019