

Production and sales metrics

for the period ended 30 June 2019

		% change	Full year	Full year	Full year
		2019 vs 2018	2019	2018	2017
Mining¹					
Production					
Saleable production*	mm tons	(3)	36,1	37,2	36,0
External purchases					
	mm tons	(22)	5,2	6,7	8,0
Internal sales					
Energy	mm tons	–	22,6	22,6	23,8
Base Chemicals	mm tons	(6)	13,5	14,3	14,2
Performance Chemicals	mm tons	(9)	3,0	3,3	3,5
External sales					
International and other domestic	mm tons	–	3,2	3,2	3,0
* Saleable production represents total production adjusted for normal process discard arising from the coal beneficiation process at our export operations.					
Exploration and Production International					
Production					
Natural gas - Canada ²	bscf	(15)	16,3	19,2	21,9
Condensate - Canada ²	m bbl	(18)	63	77	86
Natural gas - Mozambique (Sasol's 70% share) ³	bscf	(2)	114,0	115,9	116,6
Condensate - Mozambique (Sasol's 70% share)	m bbl	(6)	249	266	325
Crude oil Gabon (after royalties) ⁴	m bbl	3	1 158	1 126	1 279
External sales					
Natural gas - Canada	bscf	(15)	16,3	19,2	21,9
Condensate - Canada	m bbl	(18)	63	77	86
Natural gas - Mozambique ³	bscf	3	15,3	14,8	16,2
Condensate - Mozambique	m bbl	(9)	247	270	328
Crude oil Gabon (after royalties) ⁵	m bbl	(7)	1 042	1 115	1 293
Internal sales - Natural gas					
Mozambique to Energy	bscf	6	57,0	53,7	54,7
Mozambique to Base Chemicals	bscf	(1)	29,4	29,8	20,8
Mozambique to Performance Chemicals	bscf	(31)	12,2	17,6	24,9
Energy					
Production					
Synfuels refined product (white product) ⁶	mm bbl	–	31,4	31,5	32,5
Natref⁷					
Crude oil (processed)	mm bbl	20	22,2	18,5	20,3
White product yield	%		89,4	88,6	89,3
Total yield	%		97,3	97,1	96,9
Production	mm bbl	20	21,6	18,0	19,7
ORYX GTL⁸					
Production	mm bbl	(16)	4,67	5,53	5,49
Utilisation rate of nameplate capacity	%		81	95	95
Escravos GTL (EGTL)⁹					
Production (Sasol's 10% share)	mm bbl	6	0,69	0,65	0,16
External purchases					
White product ¹⁰	mm bbl	(34)	5,6	8,5	6,7
Natural gas**	bscf	6	24,4	23,0	23,4
Internal purchases					
Coal (Mining)	mm tons	–	22,6	22,6	23,8
Natural gas (EPI)	bscf	6	57,0	53,7	54,7
Sales					
Liquid fuels - white product ¹¹	mm bbl	2	57,5	56,3	57,4
Liquid fuels - black product ¹¹	mm bbl	4	2,5	2,4	2,6
Natural gas ¹²	bscf	5	35,2	33,6	33,5
Methane rich gas	bscf	–	21,8	21,7	23,3
Retail convenience centres (RCCs)¹³					
	number		410	399	397

** Reflects natural gas purchases from the 30% JV partners in Mozambique.

		% change 2019 vs 2018	Full year 2019	Full year 2018	Full year 2017
Base Chemicals*					
External purchases					
Natural gas**	bscf	(2)	12,6	12,8	8,9
Internal purchases					
Coal (Mining)	mm tons	(6)	13,5	14,3	14,2
Natural gas (EPI)	bscf	(1)	29,4	29,8	20,8
Sales¹⁴					
Polymers RSA	kt	(2)	1 341	1 372	1 363
Polymers US ¹⁵	kt	52	411	270	306
Solvents	kt	-	961	962	982
Fertilizers	kt	(1)	425	429	437
Explosives	kt	10	364	330	325
Other	kt	1	500	496	502
	kt	4	4 002	3 859	3 914
Base Chemicals average sales basket price¹⁶					
	US\$/ton	(2)	830	851	765
US Base Chemicals average sales basket price¹⁶					
	US\$/ton	13	923	819	-

Performance Chemicals*

External purchases					
Natural gas**	bscf	(31)	5,2	7,5	10,7
Internal purchases					
Coal (Mining)	mm tons	(9)	3,0	3,3	3,5
Natural gas (EPI)	bscf	(31)	12,2	17,6	24,9
International operations feedstock cost					
	R/ton	(9)	9 342	10 222	9 258
International operations feedstock cost					
	EUR/ton	(14)	577	667	624
Sales¹⁷					
Organics ¹⁸	Rm	5	51 554	49 261	46 972
Waxes ¹⁹	Rm	-	8 475	8 462	8 260
Advanced Materials ²⁰	Rm	13	7 360	6 537	6 130
	Rm	5	67 389	64 260	61 362
Sales volumes					
Organics ¹⁸	kt	(1)	2 038	2 065	2 040
Waxes ¹⁹	kt	(8)	456	495	482
Advanced Materials ²⁰	kt	(12)	177	200	210
		(3)	2 671	2 760	2 732

* Restated for the transfer of the Phenolics, Ammonia and Speciality Gases results from Performance Chemicals to Base Chemicals. Management of the Ammonia and Speciality Gases is housed in the Energy SBU.

** Reflects natural gas purchases from the 30% JV partners in Mozambique.

		Full year 2019	Full year 2018
Lake Charles Chemicals Project²¹			
Cumulative capital expenditure to date	US\$m	11 832	9 846
Percentage of completion	%	98	88
Percentage of construction completion	%	94	68
Production Volumes			
Polymers - LLDPE	kt	103	-
Ethylene oxide (EO) / Ethylene glycol (EG) ^{***}	kt	41	-

*** Excludes internal consumption of EO

		Full year 2019	Full year 2020
Significant hedges - Sasol group²²			
Brent oil - put options			
Number of barrels hedged	mm bbl	48,00	-
Average Brent crude oil price floor, net of costs	US\$/bbl	53,36	-
Rand/US dollar currency - zero-cost collar instruments			
Tranche 1			
US\$ exposure hedged	US\$bn	2,10	4,30
Annual average floor	R/US\$	14,18	13,81
Annual average cap	R/US\$	16,36	16,63
Tranche 2			
US\$ exposure hedged	US\$bn	1,90	-
Annual average floor	R/US\$	12,01	-
Annual average cap	R/US\$	13,83	-
Export coal - swaps			
Number of tons hedged	mm tons	1,40	-
Average coal swap price	US\$/ton	81,82	-
Ethane gas - swaps			
Number of barrels hedged	mm bbl	3,50	12,50
Average ethane gas swap price	US\$ c/gal	27,30	28,47

Production and sales metrics

quarterly overview

		% change	Quarter 4	Quarter 3	Quarter 2	Quarter 1	Quarter 4
		Q4 vs Q3	2019	2019	2019	2019	2018
Mining							
Production							
Saleable production	mm tons	5	9,1	8,7	8,8	9,5	10,0
External purchases							
	mm tons	-	1,3	1,3	1,5	1,1	1,6
Internal sales							
Energy	mm tons	2	5,9	5,8	5,6	5,3	5,8
Base Chemicals	mm tons	15	3,9	3,4	3,5	2,7	3,2
Performance Chemicals	mm tons	(22)	0,7	0,9	0,8	0,6	0,9
External sales							
International and other domestic	mm tons	29	0,9	0,7	0,9	0,7	0,8
Exploration and Production International							
Production							
Natural gas - Canada	bscf	(3)	3,8	3,9	4,2	4,4	4,3
Condensate - Canada	m bbl	(20)	12	15	18	18	18
Natural gas - Mozambique (Sasol's 70% share)	bscf	15	29,4	25,6	29,2	29,8	29,2
Condensate - Mozambique (Sasol's 70% share)	m bbl	(17)	55	66	62	66	66
Crude oil Gabon (after royalties)	m bbl	6	284	269	289	316	268
External sales							
Natural gas - Canada	bscf	(3)	3,8	3,9	4,2	4,4	4,3
Condensate - Canada	m bbl	(20)	12	15	18	18	18
Natural gas - Mozambique	bscf	3	3,9	3,8	3,7	3,9	3,7
Condensate - Mozambique	m bbl	(10)	54	60	72	61	68
Crude oil Gabon (after royalties)	m bbl	(36)	163	255	352	272	266
Internal sales - Natural gas							
Mozambique to Energy	bscf	19	14,9	12,5	14,1	15,5	13,3
Mozambique to Base Chemicals	bscf	7	7,3	6,8	8,5	6,8	7,9
Mozambique to Performance Chemicals	bscf	19	3,1	2,6	2,8	3,7	4,3
Energy							
Production							
Synfuels refined product (white product)	mm bbl	5	8,5	8,1	8,0	6,8	8,1
Natref							
Crude oil (processed)	mm bbl	(5)	5,3	5,6	5,4	5,9	5,2
White product yield	%		85,8	90,7	90,1	90,2	87,2
Total yield	%		96,4	97,7	97,6	97,3	97,2
Production	mm bbl	(7)	5,1	5,5	5,3	5,7	5,1
ORYX GTL							
Production	mm bbl	10	0,92	0,84	1,36	1,55	1,56
Utilisation rate of nameplate capacity	%		64	59	92	106	108
Escravos GTL (EGTL)							
Production (Sasol's 10% share)	mm bbl	5	0,23	0,22	0,12	0,12	0,21
External purchases							
White product	mm bbl	(24)	1,3	1,7	1,3	1,3	1,6
Natural gas*	bscf	21	6,4	5,3	6,1	6,6	5,7
Internal purchases							
Coal (Mining)	mm tons	2	5,9	5,8	5,6	5,3	5,8
Natural gas (EPI)	bscf	19	14,9	12,5	14,1	15,5	13,3
Sales							
Liquid fuels - white product	mm bbl	(6)	14,1	15,0	14,7	13,7	14,4
Liquid fuels - black product	mm bbl	-	0,6	0,6	0,6	0,7	0,7
Natural gas	bscf	7	9,0	8,4	8,4	9,4	8,8
Methane rich gas	bscf	6	5,6	5,3	5,3	5,6	5,4
Retail convenience centres (RCCs)							
	number		410	400	400	396	399

* Reflects natural gas purchases from the 30% JV partners in Mozambique.

		% change	Quarter 4	Quarter 3	Quarter 2	Quarter 1	Quarter 4
		Q4 vs Q3	2019	2019	2019	2019	2018
Base Chemicals*							
External purchases							
Natural gas**	bscf	3	3,1	3,0	3,6	2,9	3,4
Internal purchases							
Coal (Mining)	mm tons	15	3,9	3,4	3,5	2,7	3,2
Natural gas (EPI)	bscf	7	7,3	6,8	8,5	6,8	7,9
Sales							
Polymers RSA	kt	20	400	334	288	319	321
Polymers US	kt	>100	199	96	63	53	75
Solvents	kt	16	281	242	222	216	233
Fertilizers	kt	34	129	96	95	105	77
Explosives	kt	11	98	88	90	88	83
Other	kt	11	126	114	128	132	120
	kt	27	1 233	970	886	913	909
Base Chemicals average sales basket price	US\$/ton	-	803	807	851	870	918
US Base Chemicals average sales basket price	US\$/ton	(12)	785	891	1 121	1 262	1 082
Performance Chemicals*							
External purchases							
Natural gas**	bscf	18	1,3	1,1	1,2	1,6	1,8
Internal purchases							
Coal (Mining)	mm tons	(22)	0,7	0,9	0,8	0,6	0,9
Natural gas (EPI)	bscf	19	3,1	2,6	2,8	3,7	4,3
International operations feedstock cost	R/ton	(19)	7 998	9 901	9 786	9 740	10 101
International operations feedstock cost	EUR/ton	(21)	494	622	600	594	658
Sales							
Organics	Rm	(2)	12 562	12 799	12 068	14 125	12 652
Waxes	Rm	(7)	1 971	2 117	2 223	2 164	2 035
Advanced Materials	Rm	6	1 850	1 741	1 972	1 797	1 840
	Rm	(2)	16 383	16 657	16 263	18 086	16 527
Sales volumes							
Organics	kt	6	537	505	470	526	516
Waxes	kt	(5)	107	112	121	116	116
Advanced Materials	kt	(15)	40	47	49	41	52
		3	684	664	640	683	684

* Restated for the transfer of the Phenolics, Ammonia and Speciality Gases results from Performance Chemicals to Base Chemicals. Management of the Ammonia and Speciality Gases is housed in the Energy SBU.

** Reflects natural gas purchases from the 30% JV partners in Mozambique.

Commentary

- 1 Mining production for the twelve month period fully met our customer demand, with productivity improving by 5% from 1 092 t/cm/s in FY18, to 1 152 t/cm/s in FY19. As part of our working capital optimisation efforts, we reduced inventory levels, whilst decreasing external purchases by 22% compared to the prior year. For FY20, we are targeting productivity of approximately 1 365 t/cm/s, in order to meet our planned customer demand of approximately 38 million tons per annum. Our external sales for FY19 have recovered to FY18 levels.
- 2 Reduced drilling activities in Canada resulted in lower volumes.
- 3 We achieved our previous market guidance of 114 - 118 bscf, despite lower production volumes as a result of lower internal consumption. Our external sales volumes in Mozambique were higher due to increased local electricity demand.
- 4 We are seeing improved production volumes following the successful completion of our well work-over maintenance programme.
- 5 Sales volumes are lower compared to the prior year as the Gabon government now sells their share of production themselves, and not through the partnership of which Sasol is a part of. Sales volumes are impacted by the timing of the Gabon government sales transactions although gross margin is not negatively impacted by the new arrangement.
- 6 Secunda Synfuels Operations (SSO) achieved an excellent performance during the nine months following the extended total West factory shutdown in Q1 FY19. The production levels achieved in Q4 FY19 support an annualised run-rate of 7,8 million tons. This strong production enabled us to achieve full year production levels in line with our FY18 production levels, despite unplanned interruptions and the extended total shutdown in FY19.
- 7 Following our focused management interventions, Natref continued with its significantly improved performance and achieved a production run rate of 637m³/h for FY19. This exceeded our previous market guidance of a Natref production run rate above 600m³/h.
- 8 ORYX GTL production volumes were 16% lower compared to the prior year due to the unplanned shutdown of both trains as a result of maintenance required on the waste heat boilers of the reformer reactors. Train 1 went into an extended shutdown from December 2018 to April 2019 and train 2 was also shutdown for a precautionary inspection in April 2019. This resulted in a full year utilisation rate of 81% which is below our previous market guidance of 83%. Both trains were back in operation from May 2019 and are currently stable.
- 9 EGTL production was restricted to single train operation during the first six months due to repairs on the main air compressor but achieved a continuous stable operation of both process trains without any major plant upsets for the duration of the second half of FY19.
- 10 External purchases decreased by 34% compared to the prior year as a result of the continued strong performance from Natref and SSO.
- 11 Total liquid fuels sales volumes of 60 million barrels exceeded our previous market guidance of achieving the upper end of approximately 57 - 58 million barrels, representing a 2% increase in sales compared to the prior year.
- 12 Natural gas sales volumes increased by 5% due to higher market demand.
- 13 Since 1 July 2018, we have completed 15 new Retail Convenience Centres (RCCs) which include greenfield developments as well as other oil company conversions. We divested from four sites as part of our original strategic site divestment programme.
- 14 Base Chemicals sales volumes (excluding Polymers US products) showed a strong recovery during the second half of FY19, resulting in us exceeding our previous market guidance. Sales in Q4 FY19 were particularly strong, 18% above Q3 FY19, enabled by stable operations at our production facilities in South Africa and a planned reduction in inventory.
- 15 High Density Polyethylene (HDPE) production volume in the US was 218kt for FY19 with the plant continuing to produce at high utilisation rates. The Linear Low Density Polyethylene (LLDPE) plant achieved production of 103kt since beneficial operation. Merchant ethylene sales volumes have decreased by 46% compared to the prior year as ethylene production is prioritised to downstream derivatives following the ramp-up of the HDPE, LLDPE and Performance Chemicals' EO/EG plants.
- 16 Base Chemicals average sales basket price for FY19 decreased 2% compared to the prior year, largely attributable to softer commodity chemical prices across most of our sales regions and products. Notwithstanding the softer chemical prices in the second half of FY19, due to the increase in global chemical supply coupled with moderate growth as a result of sentiment around trade wars, the US Base Chemicals average sales basket price for FY19 increased by 13% as we have transitioned from US merchant ethylene volumes into higher value HDPE and LLDPE derivatives.
- 17 Sales includes revenue from kerosene in our alkylates business of R4,4bn (FY18 — R4,0bn) that is sold back to third parties after paraffin is extracted. The sale back is recorded as revenue but is not included in production or sales volumes.
- 18 Our Organics legacy business sales for FY19 decreased by 3% compared to FY18, resulting from external supply constraints in the first half of the financial year (approximately 2% negative impact), and the softer macro-environment in Europe and Asia specifically impacting the automotive market segment sales during the second half of the financial year. The Lake Charles Chemicals Project (LCCP) EO/EG plant achieved beneficial operation in May 2019. As per our plan, 41kt of Mono-ethylene Glycol (MEG) was produced, of which 37kt was sold.
- 19 The decrease in Wax volumes is due to the disposal of our Alexandria Wax business in FY18 (4%) and lower paraffin sales (4%) partly as a consequence of planned shutdowns. Notwithstanding the lower sales volumes, sales from our wax business are above the prior year, due to an increasing share of higher value products. Our FTWEP facility is producing to plan.
- 20 Our Advanced Materials business delivered a solid performance and has maintained robust margins. The lower volumes compared to the prior year are mainly due to a planned shutdown at our carbon operations.
- 21 At Lake Charles, we continue to focus on safely improving productivity in the field and bringing the plants into beneficial operation. The project continued with its exceptional safety record with a recordable case rate (RCR) of 0,11. As at the end of June 2019, overall project completion is at 98%. Engineering and procurement activities are substantially complete and construction progress is at 94%. The Ethane Cracker start-up sequence has commenced and we expect beneficial operation by the end of July or shortly thereafter. We are experiencing some schedule pressure on the Low Density Polyethylene (LDPE) plant and expect BO to be delayed by four to six weeks as it has taken longer than planned to complete the construction, as well as the cleaning and preparation of critical equipment. While the Ethoxylates (ETO) and Guerbet plants are currently tracking schedule as previously announced, the Ziegler unit BO is expected to be delayed by four to eight weeks mainly due to slower piping hydro-testing completion. Mitigation plans are in place to minimise the delay to the maximum extent possible. Hurricane Barry did not have any direct impact on LCCP at this stage. The project is tracking the cost estimate provided to the market in May 2019 of US\$12,6 to US\$12,9 billion.
- 22 Our hedging programme for FY20 is mostly completed, with ~50% of our exposure to the Rand/US dollar exchange rate and ~34% of our ethane exposure hedged. We are targeting to hedge 50% of our FY20 ethane exposure. We will continue with our hedging programme for FY21 based on our risk management framework.

Abbreviations

m bbl. - thousand barrels	kt - thousand tons
mm bbl. - million barrels	Rm - Rand millions
mm tons - million tons	US\$/ton - US dollar per ton
bscf - billion standard cubic feet	R/ton - Rand per ton
EUR/ton - Euro per ton	R/US\$ - Rand/US dollar currency
US\$/bbl. - US dollar per barrel	US\$bn - US dollar billions
US\$/ton - US dollar per ton	US\$m - US dollar millions
US\$ c/gal - US dollar cent per gallon	m ³ /h - cubic meter per hour
t/cm/s - tons per continuous miner per shift	

The preliminary production and sales metrics for the period ended 30 June 2019 and forward looking statements on FY20 have not been reviewed and reported on by our external auditors.

Disclaimer - Forward-looking statements

Sasol may, in this document, make certain statements that are not historical facts and relate to analyses and other information which are based on forecasts of future results and estimates of amounts not yet determinable. These statements may also relate to our future prospects, developments and business strategies. Examples of such forward-looking statements include, but are not limited to, statements regarding exchange rate fluctuations, volume growth, increases in market share, total shareholder return, executing our growth projects (including LCCP), oil and gas reserves, cost reductions, our Continuous Improvement (CI) initiative and business performance outlook. Words such as “believe”, “anticipate”, “expect”, “intend”, “seek”, “will”, “plan”, “could”, “may”, “endeavour”, “target”, “forecast” and “project” and similar expressions are intended to identify such forward-looking statements, but are not the exclusive means of identifying such statements. By their very nature, forward-looking statements involve inherent risks and uncertainties, both general and specific, and there are risks that the predictions, forecasts, projections and other forward-looking statements will not be achieved. If one or more of these risks materialise, or should underlying assumptions prove incorrect, our actual results may differ materially from those anticipated. You should understand that a number of important factors could cause actual results to differ materially from the plans, objectives, expectations, estimates and intentions expressed in such forward-looking statements. These factors are discussed more fully in our most recent annual report on Form 20-F filed on 28 August 2018 and in other filings with the United States Securities and Exchange Commission. The list of factors discussed therein is not exhaustive; when relying on forward-looking statements to make investment decisions, you should carefully consider both these factors and other uncertainties and events. Forward-looking statements apply only as of the date on which they are made, and we do not undertake any obligation to update or revise any of them, whether as a result of new information, future events or otherwise.