

SASOL LIMITED GROUP
Production and sales metrics
for the year ended 30 June 2017

		2017 vs 2016 %	Full year 2017 Unaudited	Full year 2016 Unaudited	Full year 2015 Unaudited
MINING					
Production					
Saleable production ¹	mm tons	(11%)	36,0	40,3	39,2
External purchases¹	mm tons	60%	8,0	5,0	5,1
Internal sales					
Energy	mm tons	(4%)	23,8	24,9	25,0
Base Chemicals	mm tons	2%	12,9	12,6	12,1
Performance Chemicals	mm tons	4%	4,8	4,6	4,6
External sales					
International and other domestic ²	mm tons	(6%)	3,0	3,2	3,4
EXPLORATION AND PRODUCTION INTERNATIONAL (EPI)					
Production					
Natural gas - Canada ³	bscf	6%	21,9	20,7	21,8
Condensate - Canada	m bbl	(40%)	85,6	143,7	199,5
Natural gas - Mozambique (Sasol's 70% share) ⁴	bscf	2%	116,6	114,4	109,2
Condensate - Mozambique (Sasol's 70% share)	m bbl	0%	325	324	332
Crude oil - Gabon (after royalties) ⁵	m bbl	(18%)	1 279	1 553	1 346
External sales					
Natural gas - Canada	bscf	6%	21,9	20,7	21,8
Condensate - Canada	m bbl	(40%)	85,6	143,7	199,5
Natural gas - Mozambique	bscf	(1%)	16,2	16,4	11,3
Condensate - Mozambique	m bbl	1%	328	324	325
Crude oil - Gabon (after royalties) ⁵	m bbl	(15%)	1 293	1 529	1 339
Internal sales					
Natural gas - Mozambique to Energy	bscf	(1%)	54,7	55,1	54,0
Natural gas - Mozambique to Base Chemicals	bscf	5%	20,8	19,7	19,9
Natural gas - Mozambique to Performance Chemicals	bscf	7%	24,9	23,2	23,9
ENERGY					
Production					
Synfuels refined product (white product)⁶	mm bbl	(2%)	32,5	33,2	32,9
Natref					
Crude Oil (processed)	mm bbl	(4%)	20,3	21,2	20,9
White product yield	%		89,3	91,1	91,1
Total yield	%		96,9	97,7	98,0
Production ⁷	mm bbl	(5%)	19,7	20,7	20,5
ORYX GTL⁸					
Production	mm bbl	16%	5,49	4,72	5,21
Utilisation rate of nameplate capacity - ORYX GTL	%		95	81	90
Escravos GTL (EGTL)⁹					
Production	mm bbl	(66%)	0,16	0,47	0,24
External purchases					
White product	mm bbl	7%	6,7	6,3	5,9
Natural gas*	bscf	(1%)	23,4	23,6	23,1
Internal purchases					
Coal (Mining)	mm tons	(4%)	23,8	24,9	25,0
Natural gas (EPI)	bscf	(1%)	54,7	55,1	54,0
Sales					
Liquid fuels - white product ¹⁰	mm bbl	(2%)	57,4	58,8	59,2
Liquid fuels - black product	mm bbl	4%	2,6	2,5	2,3
Natural gas	bscf	0%	33,5	33,4	33,8
Methane rich gas ¹¹	bscf	(6%)	23,3	24,7	24,0
Retail convenience centres (RCCs)	number	2%	397	388	382

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

Abbreviations

m bbl - thousand barrels

mm bbl - million barrels

mm tons - million tons

bscf - billion standard cubic feet

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BASE CHEMICALS					
External purchases					
Natural gas*	bscf	5%	8,9	8,4	8,5
Internal purchases					
Coal (Mining)	mm tons	2%	12,9	12,6	12,1
Natural gas (EPI)	bscf	5%	20,8	19,7	19,9
Sales					
Polymers ¹²	ktpa	5%	1 363	1 303	1 393
Solvents ¹³	ktpa	4%	982	942	911
Fertilizers ¹⁴	ktpa	(4%)	437	454	620
Explosives	ktpa	(1%)	325	327	352
Total	ktpa	3%	3 106	3 026	3 276
Normalised total (asset disposals & business changes and planned shutdowns) ¹⁵	ktpa	1%	3 129	3 083	3 165
Base Chemicals sales basket price ¹⁶	\$/ton	6%	809	763	974
PERFORMANCE CHEMICALS					
External purchases					
Natural gas*	bscf	7%	10,7	9,9	10,2
Internal purchases					
Coal (Mining)	mm tons	4%	4,8	4,6	4,6
Natural gas (EPI)	bscf	7%	24,9	23,2	23,9
Total feedstock cost per ton product in rand terms**	R/ton	(14%)	6 187	7 154	8 390
Total feedstock cost per ton product in euro terms **	EUR/ton	(6%)	417	444	610
Sales					
Organics	Rm	(2%)	49 632	50 687	50 152
Waxes	Rm	(19%)	8 260	10 183	9 109
Other	Rm	(5%)	9 915	10 384	9 613
Total	Rm	(5%)	67 807	71 254	68 874
Sales volumes					
Organics ¹⁷	ktpa	2%	2 347	2 304	2 220
Waxes ¹⁸	ktpa	(9%)	482	528	554
Other ¹⁹	ktpa	14%	711	626	713
Total¹⁷	ktpa	2%	3 541	3 458	3 487
Normalised total (asset disposals & business changes and planned shutdowns)	ktpa	2%	3 541	3 476	3 418
LAKE CHARLES CHEMICALS PROJECT					
Cumulative capital expenditure to date	US\$m		7 500	4 798	
Percentage of completion	%		74	50	

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

** Includes feedstock cost of natural gas, coal and foreign currency denominated feed streams. The cost is therefore impacted by currency fluctuations of the rand against major currencies.

Commentary in respect of metrics variance

- The decrease in production volumes in FY17 is primarily due to the impact of labour actions at our Secunda mining operations in the first half of the financial year. We are continuing to focus our efforts on improving cost efficiency and restoring coal stockpile levels through our own production, increased external purchases and improving labour productivity to ensure continuous supply to Secunda Synfuels Operations (SSO). Notwithstanding the impact of labour actions, we delivered our full supply commitment of coal volumes to the integrated Sasol value chain through our own production, increased external coal purchases and increased gas consumption at SSO.
- The decrease in external sales is due to the supply of export coal to SSO during the period of the Mining labour action.
- Canadian gas production increased during FY17 due to a higher completion of existing wells. During FY17, there were no drilling rigs in operation.
- The increase in production is due to the benefit of increased gas transportation capacity of 169 bscf and increased gas consumption at SSO during the period of the Mining labour action. The Loop Line 2 project, which reached beneficial operation at the end of Q2 FY17, resulted in the instantaneous pipeline capacity being increased to 191 bscf. Annual gas production capacity was increased following the debottlenecking of the Central Processing Facility (CPF) in Q3 FY17, which was completed on schedule and within budget.
- The decrease in production is due to the deferral of drilling activities resulting from our low oil price Response Plan cash savings initiative.
- Secunda Synfuels total production volumes increased by 1%. A higher portion of the production volumes was allocated to our chemical businesses, thereby partially reducing the production of refined products by 2%.
- Natref production volumes decreased by 5% due to plant shutdowns (3%) and the plant incident on 22 May 2017 which resulted in unintended downtime (2%). Product yields reduced as a result of shutdowns on specific plants.
- ORYX GTL volumes increased by 16%, delivering an excellent production performance with an average utilisation rate of 95%, exceeding our expectations.
- EGTL has resumed operations in accordance with the scheduled maintenance programme in Q3 FY17. Both trains are running as expected. The plant is expected to ramp up towards design capacity during the year.
- Liquid fuels sales volumes have decreased by 2% to 60 million barrels (in line with market guidance) due to lower allocated volumes from SSO, the impact of plant shutdowns, the plant incident at Natref and lower market demand. Notwithstanding this, we achieved marginal growth in our retail market share. However, with more volumes allocated to chemicals from SSO, our polymer and solvents volumes in Base Chemicals increased by 4% during the year.
- Methane rich gas sales volumes reduced in FY17 as a result of lower market demand, largely brought about by the slowing economy in South Africa.
- Sales volumes increased by 5% due to higher polypropylene and polyethylene sales enabled mainly through increased production from SSO and higher volumes allocated to Base Chemicals due to our C3 Expansion project and improved performance from the Superflex Catalytic Cracker (SCC) plant. This was partially offset by lower volumes from our chlor vinyls value chain due to unplanned plant shutdowns.
- Sales volumes increased by 4% on the back of higher production enabled by reliable operations and improved plant availability.
- Sales volumes decreased by 4% mainly due to plant instabilities at our limestone ammonium nitrate (LAN) plant. We are currently evaluating options to restore plant availability and product quality.
- Normalised for the effect of a fire at one of our warehouses, our Base Chemicals sales volumes increased by only 1% due to unplanned extended shutdowns at our Chlor Vinyls and Polypropylene plants. The insurance claim received as a result of the damages suffered is recognised as other operating income.
- Our Base Chemicals sales basket price of US\$809/ton reflects an upward trend since Q3 FY16, increasing by 6% during FY17. This increase follows the upward oil price trend as well as the unplanned production interruptions in some of our markets. Further price improvements will however be impacted by the outlook for crude oil prices. Our Rand basket prices were negatively impacted by the stronger Rand exchange rate over the period.
- Performance Chemicals sales volumes increased by 2%, in line with market guidance. Our organics sales volumes increased by 2% mainly due to higher sales of comonomers and European-based alcohols, alkylates and surfactants.
- Normalised for the sale of the US Wax production facility in May 2016, sales volumes remained flat compared to the prior year largely due to poor market conditions in Germany. Notwithstanding, our FTWEP facility in South Africa continues to ramp up and produced 92kt of hard wax in FY17.
- Sales volumes increased by 14%, higher than our expectations, due to increased sales in our Carbon business and higher ammonia production volumes compared to the prior year, when a planned ammonia plant shutdown took place. This benefit was however significantly impacted by the decrease in ammonia prices due to an oversupply in the market.

The preliminary production and sales metrics for the period ended 30 June 2017 have not been reviewed and reported on by our auditors.