

# SASOL LIMITED INVESTOR SITE VISIT | SECUNDA OPERATIONS

Secunda and Mining Operations



Progressing a sustainable  
Future Sasol



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# Forward-looking statements



These statements may also relate to our future prospects, expectations, developments and business strategies

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, expectations, developments, and business strategies. Examples of such forward-looking statements include, but are not limited to, the capital cost of our projects and the timing of project milestones; our ability to obtain financing to meet the funding requirements of our capital investment programme, as well as to fund our ongoing business activities and to pay dividends; statements regarding our future results of operations and financial condition, and regarding future economic performance including cost containment, cash conservation programmes and business optimisation initiatives; recent and proposed accounting pronouncements and their impact on our future results of operations and financial condition; our business strategy, performance outlook, plans, objectives or goals; statements regarding future competition, volume growth and changes in market share in the industries and markets for our products; our existing or anticipated investments, acquisitions of new businesses or the disposal of existing businesses, including estimates or projection of internal rates of return and future profitability; our estimated oil, gas and coal reserves; the probable future outcome of litigation, legislative, regulatory and fiscal developments, including statements regarding our ability to comply with future laws and regulations; future fluctuations in refining margins and crude oil, natural gas and petroleum and chemical product prices; the demand, pricing and cyclicity of oil, gas and petrochemical product prices; changes in the fuel and gas pricing mechanisms in South Africa and their effects on prices, our operating results and profitability; statements regarding future fluctuations in exchange and interest rates and changes in credit ratings; total shareholder return; our current or future products and anticipated customer demand for these products; assumptions relating to macroeconomics; climate change impacts and our climate change strategies, our development of sustainability within our businesses, our energy efficiency improvement, carbon and greenhouse gas emission reduction targets, our net zero carbon emissions ambition and future low-carbon initiatives, including relating to green hydrogen and sustainable aviation fuel; our estimated carbon tax liability; cyber security; and statements of assumptions underlying such statements. Words such as “believe”, “anticipate”, “expect”, “intend”, “seek”, “will”, “plan”, “could”, “may”, “endeavour”, “target”, “forecast” and “project” and similar expressions are intended to identify 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 and others are discussed more fully in our most recent annual report on Form 20-F filed on 1 September 2023 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 foregoing factors and other uncertainties and events, and you should not place undue reliance on forward-looking statements. 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.

**Comprehensive additional information is available on our website: [www.sasol.com](http://www.sasol.com)**



## Secunda Operations

Simon Baloyi

## What you will hear today

- Equipment reliability and coal quality interventions
- Secunda Operations future production
- Our commitment to environmental compliance

# Management interventions ensuring SO stability

**Improved  
reliability of  
critical  
equipment**

**Mitigation of  
poorer coal  
quality**

**Improved  
maintenance  
effectiveness**

**Higher  
throughput of  
natural gas**



# Reliability and coal quality interventions yielding positive results

## Bosman skirt

- The "Bosman skirt" is essentially the feeding funnel through which coal is fed from the coal lock to the gasifier
- Mean time to repair improved by  $\pm 8$  days
- Number of failures reduced by  $>60\%$  in 1 year



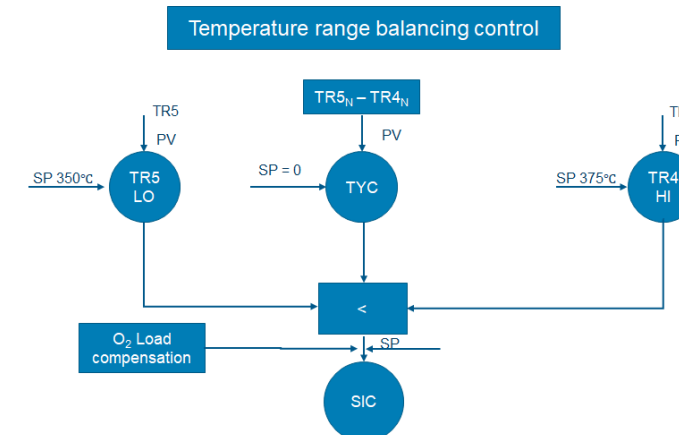
## Channel breakers

- Channel breaker allows for better mixing of process material above the grate, preventing preferential flow of combustion gases i.e. channeling
- Reversible plough allows the grate to turn in both directions to increase online time if the grate gets stuck Benefit: improved reliability (online time) and higher yields/efficiency, extended lifetime



## Advanced control/ Machine learning

- A combination of machine learning and advanced process control techniques for predictive and real time optimisation of the gasifier
- Advanced control to optimize feedstock conversion & protect mechanical components
- Early benefits of efficiency and stability on track



# Effective maintenance and operation of our assets ensures delivery on volume commitments and a safe operating environment



## Our approach to asset strategies

Production focus	Standard operating procedures and operation within agreed parameters
Integrity assurance	Reliability-centered maintenance and quality control
Compliance commitment	Adherence to engineering standards for risk management
Risk based approach	Certified risk-based inspection (RBI) approach is followed
Quality accreditation	ISO 17020 accreditation of Secunda Inspection Authority



# Higher throughput of natural gas - provides feedstock flexibility for SO



**Additional NG to supplement coal and improve stability**

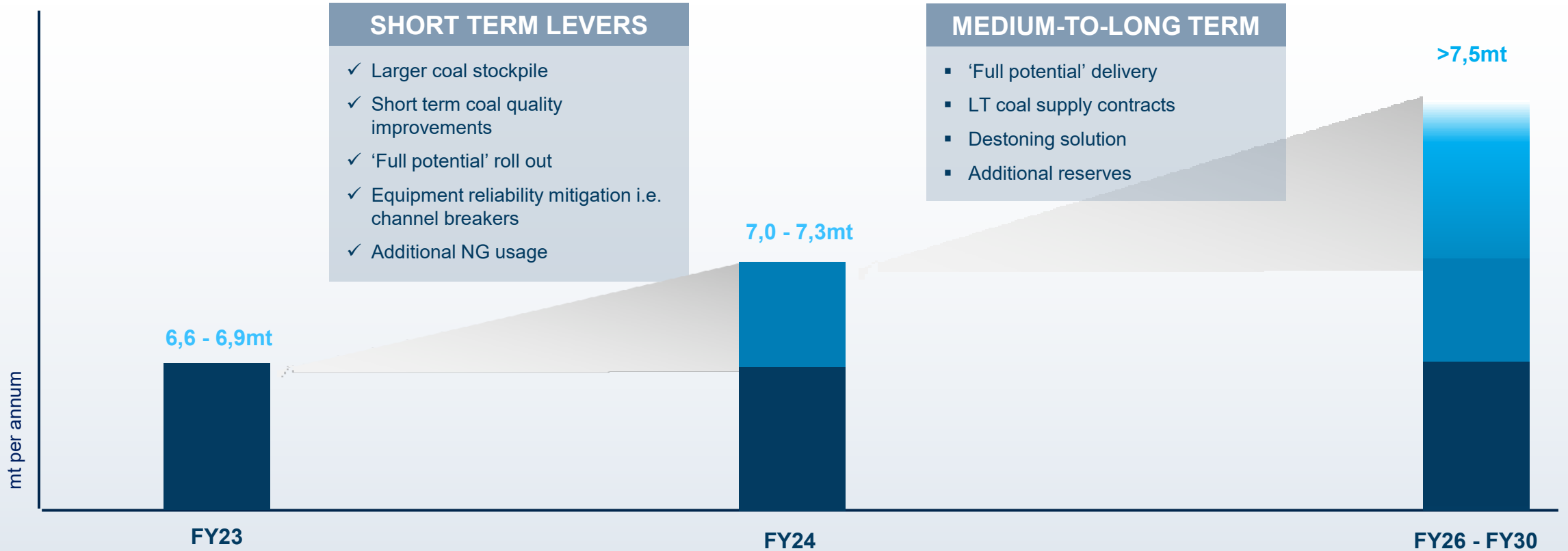
**Allocation of NG based on economic viability**

**Additional flexibility of gas for electricity generation**

**>7,5mt SO production strongly dependent on feedstock availability (coal / NG) and improved coal quality**

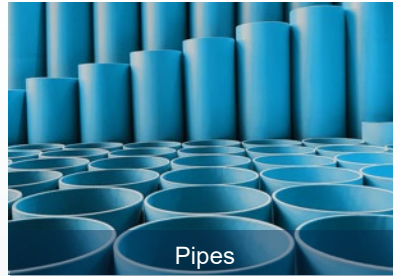


# SO volume outlook - Considering factors within our control



Restoring baseline output of >7,5mt through implementation of medium-term levers

# Significant chemicals portfolio associated with SA operations



3.5 – 4mtpa higher value chemicals produced in South Africa (Secunda + Sasolburg)  
~40% of Secunda production

Secunda chemicals a key intermediate feedstock for Sasolburg final products



**Key products marketed and sold:**  
Base Chemicals: Monomers, Polymers, Ammonia, Fertilisers & Explosives<sup>1</sup>;  
Performance Solutions: Solvents, Wax & Comonomers;  
Essential Care: SAFOL alcohol  
Advanced Materials: Catalyst & Carbon



Chemical molecule allocation to maximise profitability of overall value chain

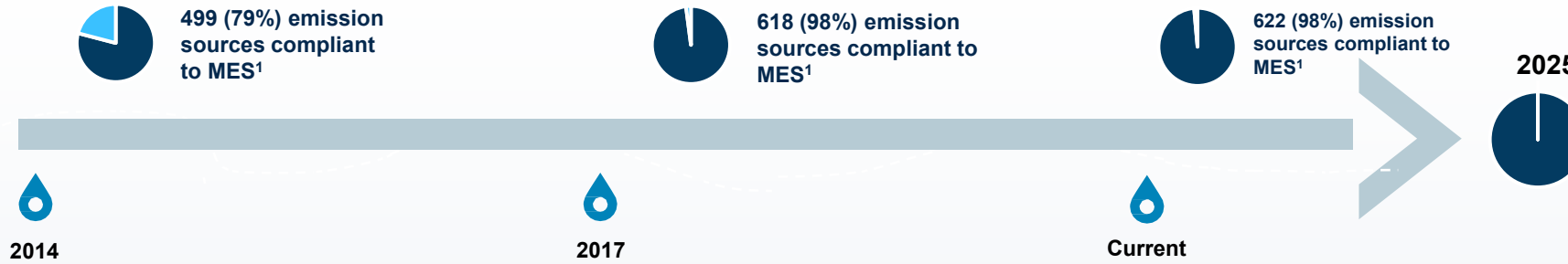
~R1,1bn financial impact in FY23 due to Transnet challenges



**Diversified, higher-margin chemicals products is a key profitability driver for the region**

1. Explosives intermediate products are sold to our partner, Enaex, who converts to final products for supply to the mining industry

# Meeting our compliance commitments by 1 April 2025



## Progress made

- ✓ Invested >R7bn over last 5 years on emission reduction projects
- ✓ **98%** emissions sources currently comply to MES<sup>1</sup>
- ✓ **Integrated GHG and SO<sub>2</sub> reduction solution** to reach compliance on SO boilers
- ✓ **Significant other benefits** through reduction of VOC's, NoX and PM<sup>2</sup> already achieved

## Looking ahead

- Compliance of SO<sub>2</sub> emissions at our Secunda steam plant **required by 1 April 2025**
- Sasol has applied for **alternative SO<sub>2</sub> emission load-based limits** under Clause 12A of the MES<sup>1</sup>
- NAQO<sup>3</sup> decision **currently under appeal** with the Minister of Forestry, Fisheries and the Environment

1. Minimum Emission Standards  
 2. Volatile organic compounds, nitrogen oxides and particulate matter  
 3. National Air Quality Officer

# 12A illustration - load versus concentration base

## BASELINE

If 6 cups of coffee are consumed daily, with each cup containing two teaspoons of sugar



12 teaspoons of sugar is consumed  
How can sugar intake be reduced?

## CONCENTRATION BASED



Current regulation

Sugar intake is reduced by cutting the number of teaspoons of sugar per cup of coffee



In both scenarios the number of teaspoons of sugar per day is reduced to only 6 teaspoons. However on load based reduction caffeine intake is also reduced!



Increased reduction of other emissions such as PM's, NOX, etc

## LOAD BASED



Consistent with global practices

Sugar intake is reduced by cutting the number of cups of coffee per day



# Sasol continues investing in communities



## Quality education and youth development

- Improving technical skills of college learners and teachers
- Providing career guidance and training on technical disciplines
- Providing support and/or funding to businesses



## Environment, Safety and Security

- Recycling and disposal of domestic waste streams
- Creation of communal gardens
- Planting of trees at schools, clinics and public spaces



## Community development

- Infrastructure upgrades and repairs
- Sports and social and wellness programmes
- Donations for various causes through the employee payroll

# Summary: What you heard today

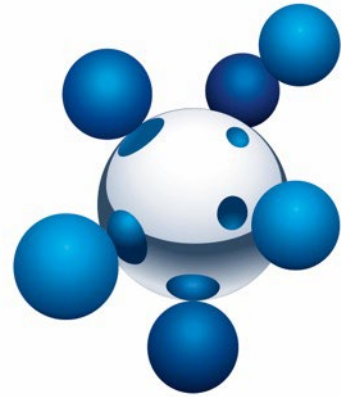
Focused stability interventions yielding positive results

Targeted production of >7,5mt through implementation of medium term levers

Committed to environmental compliance

Cost competitiveness of SA value chain remains key





**SASOL**

# Abbreviations and definitions

<b>bn</b>	billion	<b>SA</b>	South Africa
<b>Capex</b>	Capital expenditure	<b>SAF</b>	Sustainable Aviation Fuels
<b>CFC</b>	Cash fixed costs	<b>SO</b>	Secunda Operations
<b>CM</b>	Continuous Miner	<b>SO<sub>2</sub></b>	Sulphur dioxide
<b>CSI</b>	Corporate Social Investment	<b>t/cm/s</b>	tons per continuous miner per shift
<b>ERR</b>	Emission Reduction Roadmap	<b>US</b>	United States
<b>ESG</b>	Environmental, Social and Governance	<b>VOC</b>	<b>Volatile organic compound</b>
<b>EU</b>	Europe		
<b>gal</b>	Gallon		
<b>GHG</b>	Greenhouse gas		
<b>H<sub>2</sub></b>	Hydrogen		
<b>HSI</b>	High severity injury		
<b>kt CO<sub>2</sub></b>	kilo tons carbon dioxide		
<b>IQMC</b>	Integrated Quality Management Centre		
<b>LNG</b>	Liquified natural gas		
<b>mm bbl</b>	million barrel		
<b>mt</b>	million tons		
<b>MW</b>	Megawatt		
<b>NG</b>	Natural gas		
<b>p.a</b>	Per annum		
<b>NoX</b>	Nitrogen oxides		
<b>PPA</b>	Petroleum Production Agreement		
<b>PPAs</b>	Power Purchase Agreements		
<b>ppm</b>	Parts per million		
<b>PPE</b>	Personal Protective Equipment		
<b>PM</b>	Particulate matter		
<b>RE</b>	Renewable Energy		
<b>R&amp;T</b>	Research and Technology		



# Additional information

## ORDINARY SHARE

- JSE: SOL
- ISIN: ZAE000006896

## ADR

- NYSE: SSL
- ISIN: US8038663006
- Cusip: 803866300
- Ratio DR:ORD – 1:1
- Depository Bank: JP Morgan Depository Receipts



## Investor Relations



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## Media



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