Sasol leading the energy transition in Southern Africa

Brenda Baijnath, SVP Energy Finance & IM





a Hyve event

What you will hear today



OUR STRATEGY TO DELIVER A DECARBONISED FUTURE

Priscillah Mabelane

Executive Vice President Sasol Energy Business



AMBITION

GROW SHARED VALUE WHILE ACCELERATING OUR TRANSITION



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Transitioning to more sustainable feedstock



Gas is an important transitional energy source



Our climate change response forms part of our broader sustainability journey

Underpinning our climate change ambition is our 'Reduce, Transform and Shift' approach to decarbonisation





- A Just Transition plan, with prioritised interventions
- A global network of research, partnerships and community initiatives to accelerate the change
- Clear communication and engagement plan with our stakeholders

Sasol has committed to Net Zero by 2050 and tripling our GHG reductions target by 2030, well beyond what is required to achieve NDC commitment – Low carbon energy solutions are central to success of this ambition

AND PARTNERSHIPS

Gas supply options for South Africa





- Sasol continues investment in the current reserves in order to extend the gas production plateau and extend gas supply to Mozambique and South Africa
- Sasol is also developing further sources of gas, including exploration and LNG supply:
 - Commercial negotiations to progress the Matola LNG option are on track.
 - Sasol is participating in the Transnet Richard's Bay procurement process as an offtaker and gas aggregator.
 - To further support investments for the additional gas supply options confirmation of offtakes/market demand will be key (e.g. Sasol, power generation & large industrial).
 - Partnership between Sasol, CEF, ENH is key to drive this.

Southern Africa's competitive advantages



South Africa must decarbonise in the next three decades and transform itself into a low-carbon, climate-resilient, and innovative economy. This transition needs to take place in a manner that is just and simultaneously addresses inequality, poverty and unemployment to ensure that no-one is left behind and that our future economy is also socially resilient and inclusive.

Southern Africa's competitive advantage

- Solar, wind, and land resources endowments
- Geographically well positioned as 'hedge' market with solid global trading partnership
- Mineral reserves & processing capabilities (70% of PGMs sourced from South Africa)
- Deep experience in FT Technology

Significance of opportunity for South Africa

- Highest wealth inequality¹ and unemployment rate
 - Coal comprises ~ 80 % of the country's energy mix, and provides ~ 0.4 million jobs in the broader economy, impacting ~2 to 4 million livelihoods
 - The South Africa hydrogen economy could create ~370k+ new jobs by 2050 and could add billions to the country's GDP

Potential untapped green market in excess of ~US\$194bn by 2050



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Advantaged and differentiated FT Technology





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Sasol is **incubating local demand** and positioning South Africa as a global **sasol** green H₂ export hub

Sasol is uniquely positioned to lead in green hydrogen and SAF ...



We know Hydrogen One of the largest producers of grey hydrogen ~2.5 million tpa

We know chemicals >7.2 million tpa of chemical products sold to more than 7500 customers across 120 countries

We know fuels One of the world's leading producers of synthetic fuels

People and Assets

Experienced in integrated value chains, complex projects, South African operations and risk mitigation

With > 70 years' experience in the production and marketing of fuels and chemicals and as a global pioneer in inventive Fischer-Tropsch (FT) Technology we can unlock green hydrogen's full potential through its derivative products, including sustainable aviation fuels

Sasol's ambition is to become a green H₂ major and lead the development of Southern Africa's green H₂ economy



Southern Africa's green hydrogen landscape







Sasol aims to explore its

in local communities

brand, experience collaborating with

investigated with first product <2030

asset ownership, market access &

offtake, technology and skills

governments, track record of delivering

Boegoebaai green hydrogen and derivatives project

Positioning for Exports | Sasol is evaluating potential for green hydrogen and derivative exports. The Boegoebaai project was announced in October 2021, governed under MOA between Sasol and the local Provincial Government



Key partnership areas to move at speed





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