

CONFERENCE PROGRAMME



DATE 2 October 2026



VENUE Premier Hotel, Midrand, Gauteng

OPENING

Opening of the Conference

KEYNOTE 1

Future Energy Policy in South Africa and the Role of Coal



THEME: ADVANCED HIGH-EFFICIENCY COAL-FIRED POWER GENERATION TECHNOLOGIES

- ◆ Advanced Ultra-Supercritical (AUSC) Coal Technologies leading to highest efficiencies
- ◆ Co-firing Technologies: Biomass and other Products co-fired with Coal
- ◆ International Advances in Waste-to-Energy



THEME: EMISSIONS - CARBON MANAGEMENT, CAPTURE, STORAGE AND UTILISATION

- ◆ SA Emissions: Status and Future Trends
- ◆ Emerging Decarbonisation Technologies with reduction of CO₂: IGCC, Chemical Looping Combustion and Direct Carbon Fuel Cells
- ◆ Global and local Experience in the Geological Storage of CO₂
- ◆ Carbon Dioxide Utilisation Pathways: CO₂-to-Chemicals, CO₂-to-Fuels and CO₂-to-Industrial Applications



THEME: ADVANCED PRODUCTS FROM COAL: OPPORTUNITIES IN THE CIRCULAR ECONOMY

- ◆ Coal as a Strategic Ore Resource: Re-evaluation of its High-value Unconventional Use
- ◆ Sasol's historical development to world leader: Coal to Chemicals, Fuels and products
- ◆ Transformation of Coal Waste (Discards) to Building Components
- ◆ From Coal Waste to Strategic Resource: Recovering Rare Earth Elements

STRATEGIC PANEL DISCUSSION • COAL IN A DECARBONISING WORLD

MODERATOR

Tumi Kgomo

ORGANISATION / SECTOR

PANEL MEMBER

Government DEE

Silas Zimu

Thungela

Nikki Fisher

Eskom

Naushaad Haripersad

Government SOE/Research

Mosa Mabuza

Environment

Danielle Kriel



CIRCULAR ECONOMY

Maximise resource efficiency.



CARBON MANAGEMENT

Reduce emissions and enhance carbon capture and storages.



RESPONSIBLE UTILISATION

Promote responsible mining, beneficiation and utilisation.



DECARBONISATION

Supporting the transition to a lower-carbon economy.