

THE MINISTRY OF MINERAL RESOURCES AND ENERGY ANNOUNCES THE MOVE OF THE CARBON CAPTURE UTILISATION AND STORAGE PROGRAMME FROM THE SOUTH AFRICAN NATIONAL ENERGY DEVELOPMENT INSTITUTE TO THE COUNCIL FOR GEOSCIENCE

The Budget Vote Speech of the Minister of Mineral Resources and Energy, 22 July 2020, announced a resolution to appoint the Council for Geoscience (CGS) as the implementing state agency for the Carbon Capture Utilisation and Storage (CCUS) programme, previously implemented by the South African National Energy Development Institute (SANEDI). The change was brought about to streamline the State-Owned Entities and to accelerate the implementation of the project under the CGS mandate to undertake geological work in South Africa. The acceleration will address the growing international concerns regarding climate change.

The CGS has been working closely with the SANEDI initiated Pilot CO₂ Storage Project (PCSP) as part of the South African climate change strategy. South African Centre for Carbon Capture and Storage (SACCCS) will continue the research and development of the CCUS projects under CGS Management. Currently, SANEDI and CGS are addressing key stakeholders concerns regarding the transfer while conducting the administrative work to transfer the division over to CGS offices.

Dr Anthony Surridge: SANEDI General Manager of Cleaner Fossil Fuels stated that *“the project being transferred to CGS will assist in addressing the blockages that SANEDI faced when it came to implementing the project and provide the opportunity to work with CGS in other fossil fuel technologies they we currently implementing to support the economic growth of the country”*

In order to address climate change concerns, CCUS is recognised as a key, proven technology in reducing greenhouse gas emissions around the world. The CCUS is a process of capturing carbon dioxide from large emitting sources such as coal-fired power plants, utilising the gas, or transporting the gas for safe and permanent storage in a suitable deep geological formation.

The implementation of CCUS in South is reflected in government policies/documents, such as the National Climate Change Response Policy White Paper of 2011, where CCS is one of the eight Flagship Programmes; and the National Development Plan (NDP) Vision 2030.

About SANEDI

The SANEDI is a schedule 3A entity of the Department of Mineral Resources and Energy (DMRE), The South African National Energy Development Institute (SANEDI) was established in 2011 under the National Energy Act, 2008 (Act No. 34 of 2008). The Act provides for SANEDI to direct, monitor and conduct energy research and development, promote energy research and technology innovation as well as undertake measures to promote energy efficiency throughout the economy. This is implemented through six programmes within SANEDI, the SACCCS as one of programmes. The mandate of the Centre is to investigate the technical feasibility of Carbon Capture and Storage in South Africa as well as to facilitate human capacity building in the development of the technology and its application. The mandate of the established Centre for CCS is, *inter alia*:



sanedi

South African National Energy
Development Institute

- I. Conduct research projects aimed at supporting the implementation of CCS in South Africa;
- II. Build capacity around and within the field of CCS; and
- III. Conduct awareness programmes on CCS and climate change in South Africa.
And
- IV. Understanding the role CCS plays in lowering CO₂ emissions.

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