

SPEAKERS' BIOGRAPHIES

DAY THREE – 4 June 2026

Investment Strategy for Sovereign IK-Based RDI, Enterprise Development and Industrialisation

Towards a Sovereign African Knowledge-Based Funding Strategies



1 Ms Tandokazi Quma-Moyo (TIA) is a Published Scientist with an MSc in Biochemical Engineering. Her experience in the Maritime sector has led her to pursue, as part of her industry contribution, a PhD in Industrial Engineering with Stellenbosch University, with a focus Sustainable Port Ecosystems, wherein she is developing an integrated framework for Alternative Energy-Water Nexus, Value Creation and Business Model Innovation in Commercial Seaports and Business. She is also a business and industry leader, with additional qualifications in Business Management, Technology Transfer, Innovation Management, Intellectual Property and Bioentrepreneurship. She has served in various technical, strategic, and leadership roles at the:

- Coega Development Corporation, a Special Economic Zone and InnoWind/EDF as an Alternative Energy Specialist and Project Coordinator respectively.
- South African Nuclear Energy Corporation as a Technology Transfer and Intellectual Property Advisor in the Office of the CEO then later promoted to Group Business Development Manager.
- Department of Science, Technology and Innovation, where she was the inaugural Fund Manager of the South African Innovation Fund, leading the development and implementation of the Innovation Fund with public and private sector institutions.
- North-West University as Senior Specialist, Commercialisation.
- Transnet National Ports Authority, where she established a Utilities Development and Non-Tariff Revenue business as an Executive Manager. Where she was also responsible for leading a team that was developing alternative energy and water infrastructure projects and new venture initiatives.
- She is currently the General Manager for Strategic Partnerships, Business Development and Stakeholder Relations at the Technology Innovation Agency, where established and managed a Fund of Funds function with private sector. She has also conceptualized and designed various systemic innovation funding instruments and initiatives. She has also served as a Non-Executive Director of Methano Group, and Engineering, Procurement, Construction and Management company in the Mining, Infrastructure and Energy sectors, where she chairs the Strategy and Investment Committee of the Board. She is currently the General Manager for Strategic Partnerships, Business Development and Stakeholder Relations at the Technology Innovation Agency, where she has also conceptualized and designed various systemic innovation funding instruments and initiatives. She has also been featured as a trailblazing young Public Sector Manager in the Public Sector Magazine by Government Communication and Information System (GCIS). Her career is capped with a Ministerial Excellence Award in Innovation Management.



2 Ms Nontombi Maseko (the dtic), the Director of Innovation and Technology Policy & Strategy at the dtic. She holds BSc Hons Degree in Chemistry and Applied Chemistry and a Master of Management degree in Innovation Studies. She is responsible for the development of policies & strategies as well as the introduction of new incentives &

support instruments for technology development, commercialisation and innovation for the promotion of enterprise competitiveness and industrialisation. Her unit focuses on strengthening the conditions for the development of high-growth, technology-based enterprises and promoting collaborative efforts of knowledge generators and innovators. She previously worked at the Department of Science, Technology and Innovation (DSTI) as a Deputy Director: Emerging Research Areas. She was responsible for the implementation of the National Nanotechnology Strategy and development of the National Strategy for Photonics. Prior to joining the DSTI she was part of the radio-analytical scientists' team at the Nuclear Energy Corporation of South Africa (Necsa) for more than six years. She is deliberate about connectivity of critical National Systems of Innovation players. She is a member of Council of the South African Council for Natural Scientific Professions (SACNASP) and a Board Member for the Africa Beyond Fourth Industrial Incubator (AB4IR) established by SEDFA. She serves as an adjudicator/judge for a number of innovations, technology and entrepreneurship competitions including the SAB Foundation Social Innovation and Disability Empowerment Awards, TIA GI Awards, just to mention a few.



3 Mr Katleho Ralehoko is a Research Management Specialist at the National Research Foundation (NRF), working within the Strategic Science Missions (SSM) unit under the Department of Thematic Research Support and Advancement. The SSM unit main functions include the development, Implementation and management of the Global Change Research Plan (GCRP) portfolio of programmes. This is in accordance with the goals and objectives set out in the Strategic Science Missions (SSM) agreement between the NRF and the Department of Science, Technology and Innovation (DSTI). In this role, he contributes to the NRF's development and management of strategic research initiatives that support the national science and innovation priorities. Mr. Ralehoko's portfolio includes administering funding instruments such as African Origins Platform (AOP), Human and Social Dynamics Development (HSDD), African Earth Observation Network (AEON). Before joining the NRF in 2018, Mr Ralehoko worked at the Innovation Hub and the higher education sector. He currently serves as the NRF Next Generation and Emerging Researcher (NGER) Symposium Chairperson and appointed as a team member of the NRF Postgraduate Scholarship Committee (PSC). Mr Ralehoko holds a Master's degree in Public Relations Management, a Postgraduate Diploma in Higher Education (cum laude) and a certificate in the New Management Development Programme. His academic and professional qualifications reflect a strong foundation in communications, higher education and leadership development.