

THE 2022 SCIENCE TECHNOLOGY AND INNOVATION POLICY COLLOQUIUM

NACI Chair: Opening Remarks

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science & innovation

Department:
Science and Innovation
REPUBLIC OF SOUTH AFRICA



Centrality of STI

- ❑ Long-term policy thinking & planning to enable priorities and policy choices
- ❑ Governance & strategic investments in people, infrastructure, economic development & STI
- ❑ International Cooperation, networks & partnerships

- Digital platforms for poverty alleviation – essential for rural development
- State-led industrialisation – R & D and technology acquisition investments were prioritized
- Human capital accumulation, especially in STEM, intensification of R & D expenditure

South Africa

- Whole of government approach, coordination & strong support critical for effective implementation of the STI Decadal plan
- Digital transformation – opportunity to address inequality – access for the poor and rural areas

- BERD declined by 29% 2018/19 – 2019/20
- R & D personnel declined 20%
- BERD & R& D personnel in Business Sector lower in 2018/19 -2019/20 than any period in last decade
- Climate Change – need to make the economy resilient – especially food systems
- Just Transition to move from high emission to climate resilient low carbon future
- Must address all key elements economic development and enabling the private sector to create jobs

South African Innovation Scorecard

