



**Namibia**

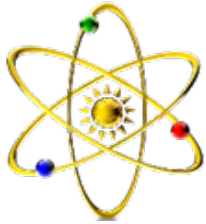
Oil and Gas Conference

# Readiness of R&D and capacity building

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**NCRST**  
NATIONAL COMMISSION  
ON RESEARCH SCIENCE & TECHNOLOGY

# Overview

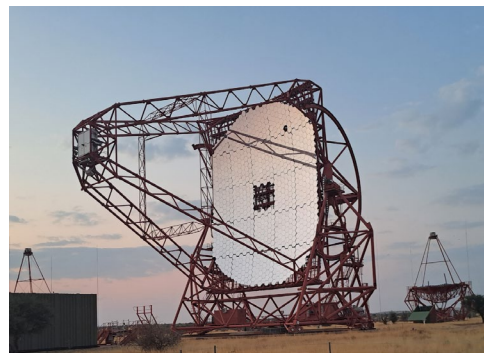
## Research, Science and Technology Act No 23 of 2004

- Established NCRST and National RST Fund
- Coordinate, promote & develop research, science, technology & innovation (RSTI)
- RSTI Funding
- National facilities
- National RSTI data
- Councils (e.g. biosafety council, space council, IKS council)
- Development of National Programme on Research, Science, Technology and Innovation (National Research Agenda)





**National Maths Olympiad**

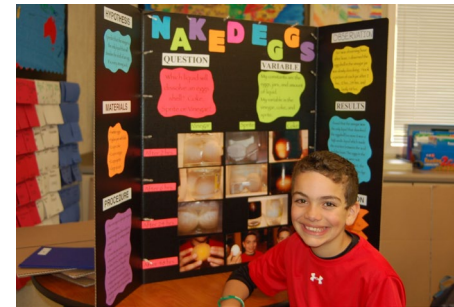
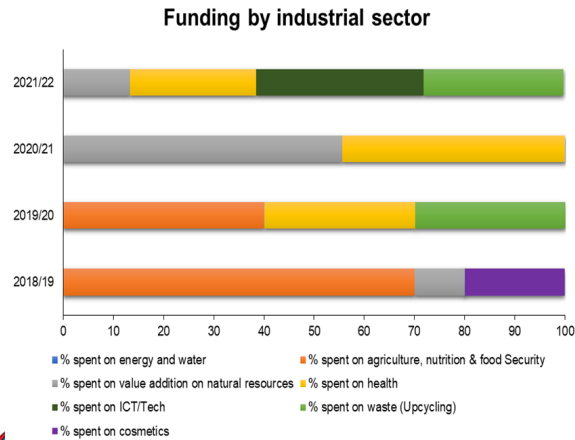


**National Space Week**

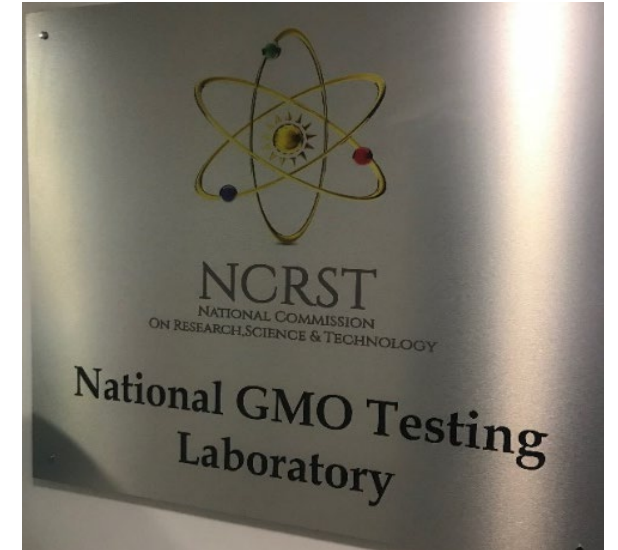


**National Science Week**

**Innovation Programmes**



**National Science Fair**

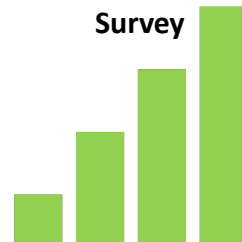


NATIONAL PROGRAMME FOR RESEARCH, SCIENCE, TECHNOLOGY, AND INNOVATION II

Investing in Our Nation's Future

2023 to 2027

**National Innovation Survey**





# NATIONAL PROGRAMME FOR RESEARCH, SCIENCE, TECHNOLOGY, AND INNOVATION II

**Investing in Our Nation's Future**



# National Research Agenda: Oil and Gas

- Defines priorities for RSTI in Namibia, especially research priorities – oil and gas
- Outlines research and interventions to be undertaken
- Outlines research calls: funded, unfunded, partially funded
  - Research Infrastructure - national
  - Research Chairs in specific areas in Oil and Gas
    - Seed funding
    - Post docs, PhD and Master students
    - Equipment
  - Consortia
- Research/er capacity development
- Pilot projects



# Capacity Building: Considerations

R&D in oil and gas, synthetic fuels and green hydrogen is specialized and capital intensive

- Namibia R&D survey: **less than 3000 FTE** researchers in the country
- Mix of formal degrees, vocational training, apprenticeships, internships, short certifications required
- Certification & accreditation important – trainer, trainees, equipment
- Specialized academies and national research facilities needed
- Multiple areas to be covered (Strategy and Masterplan to 2030 and beyond), e.g.
  - Contingency planning, disaster and risk management
  - Environmental concerns
  - Technological innovations
  - Regulatory and Policy factors
  - Community impact
  - Market impact
  - Diversification strategies
  - Evaluate memberships to international bodies and signing treaties, e.g Global Subsea Response Network
- **Collaboration and knowledge-sharing important nationally and internationally**



# Thank you



## Namibia Oil and Gas Conference



SCAN ME



#NamibiaOGC23

Download the Global Energies app to access the complete Namibia Oil and Gas Conference 2023 programme and partners guide

[www.namibiaoilandgasconf.com](http://www.namibiaoilandgasconf.com)

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