

# NEOSS COP Integrated Workshop, CSIR

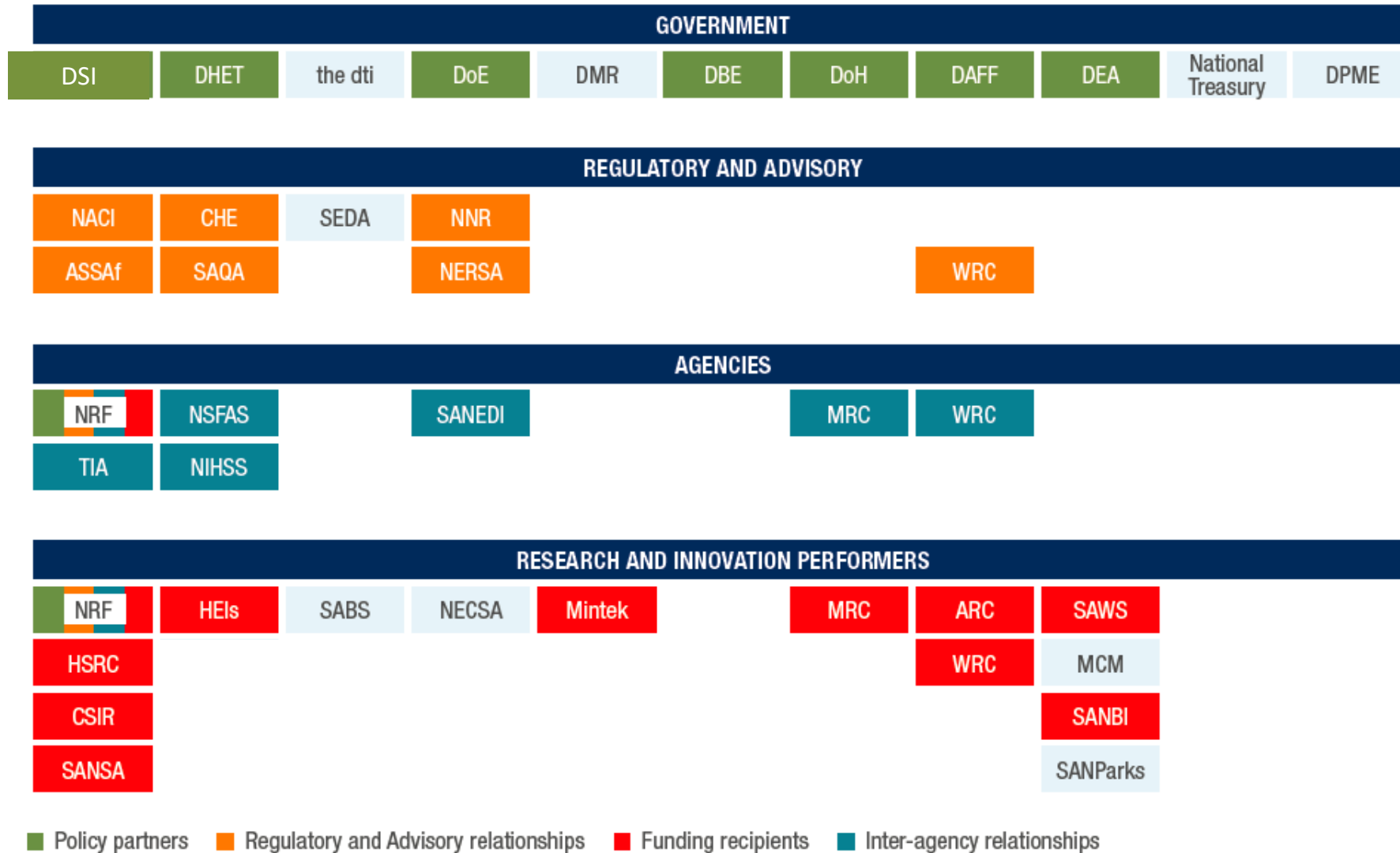
## *Space for Innovation Skills Development Fund*

6 June 2024

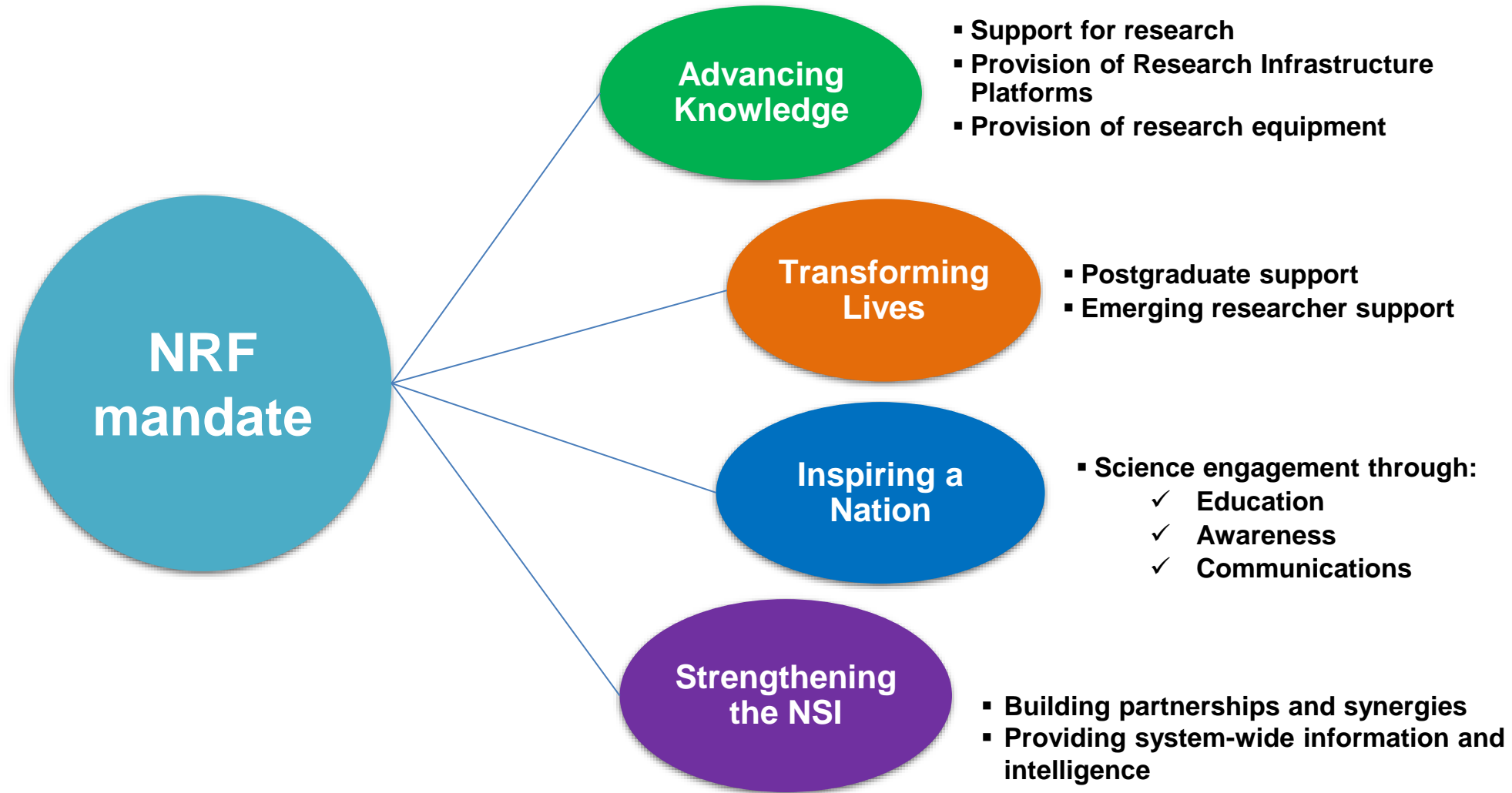


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# NRF in the Public R&D System

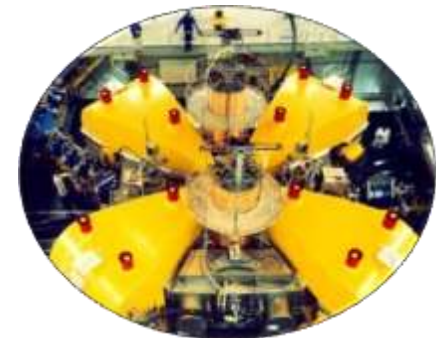


# Expressing the NRF Mandate



# Advancing Knowledge – National Research Facilities

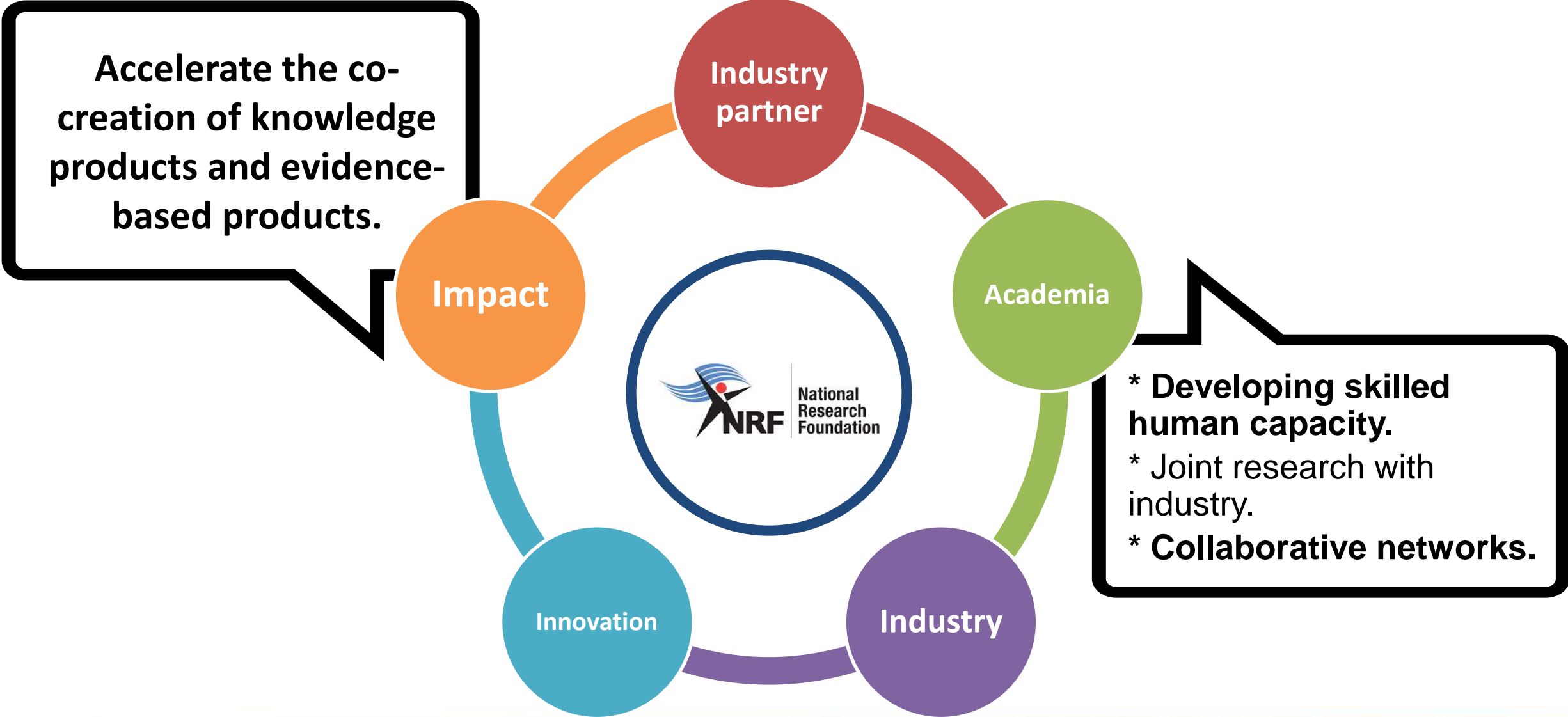
- Research Infrastructure provision
- Undertake research
- Human capacity development
- Science Engagement



# Key Figures

Perspective	Number
<b>Funded postgraduate students (Hon, M, PhD)</b> (Full and Partial Cost Model)	7 732
<b>Funded researchers</b>	3 200
<b>Centres of Excellence</b> (15-year funding)	16
<b>No. of learners, educators and students reached through school/HEI based initiatives</b> (in support of the school and HEI curriculum)	70 000
<b>Country partnerships</b>	43

# Role of Industry Partnerships



# Overview: Innovation Skills Development Fund for Space Sciences

- Innovation Skills Development Fund for Space Sciences
- 2024-2027.
- Contribute towards SA's space sector
- Scientific research for e.g. national security, disaster management, human settlements.
- Monitoring, Evaluation, Research, and Learning (MERL).
- SANSA, CSIR, TIA, TVETs, NRF Facilities and Units, Universities, Digital Earth SA, ARC, NEOSS, etc.

# Capacity and Skills Development Activities

- **Programmes** – technology applications, products and services in e.g. agri, water resource management, urban planning, human settlements.
- **Internships & scholarships** for TVET graduates.
- **Placement programmes** with industry
- Transnational and local **training** programmes, short-term student/staff **exchange programmes**
- International and regional **mobility programmes**
- Transnational training programmes, short-term exchange programmes
- **Science communication and outreach**
- Emphasis on **inclusivity, diversity and equality**
- Building technical competencies at **research infrastructure facilities**.
- **Promotion/profiling** of skills and competencies.



## CALL FOR SUBMISSION OF PROPOSALS



# NEW EARTH OBSERVATION FRONTIERS *Enterprise Innovation Support Fund*

The South African Space Agency (SANSA) and the National Research Foundation (NRF) invite start-ups, small, medium and micro enterprises (SMMEs), and entrepreneurs to submit applications for funding through the New Earth Observation Frontiers Enterprise Innovation Support Fund (NEOFrontiersEISF). This initiative is a sub-program of NEOFrontiers, which is funded by SANSA and managed by the NRF to support skills, technology and product development.

### KEY FUNDING PARAMETERS

**Item:** NEOFrontiersEISF  
**Funding approach:** Grant  
**Funding limit:** Maximum of R 1 000 000 for the duration of the project

### AREAS OF SUPPORT

The proposals to be considered in the NEOFrontiersEISF will focus on novel uses of Earth Observation in the following areas:

- Applications and product development in banking, insurance, mining, health innovation, and community-based services.
- Cross cutting service areas/decision support tools to support the circular economy; blue economy; security and defence; food security/precision agriculture; disaster risk reduction; and early warning systems.

**Funding period:** 12 months

**Eligibility criteria and application guidelines are available in the link below**

[www.tuksnovation.co.za/neofrontierseisf](http://www.tuksnovation.co.za/neofrontierseisf)

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**CLOSING DATE: 15 MARCH 2024**



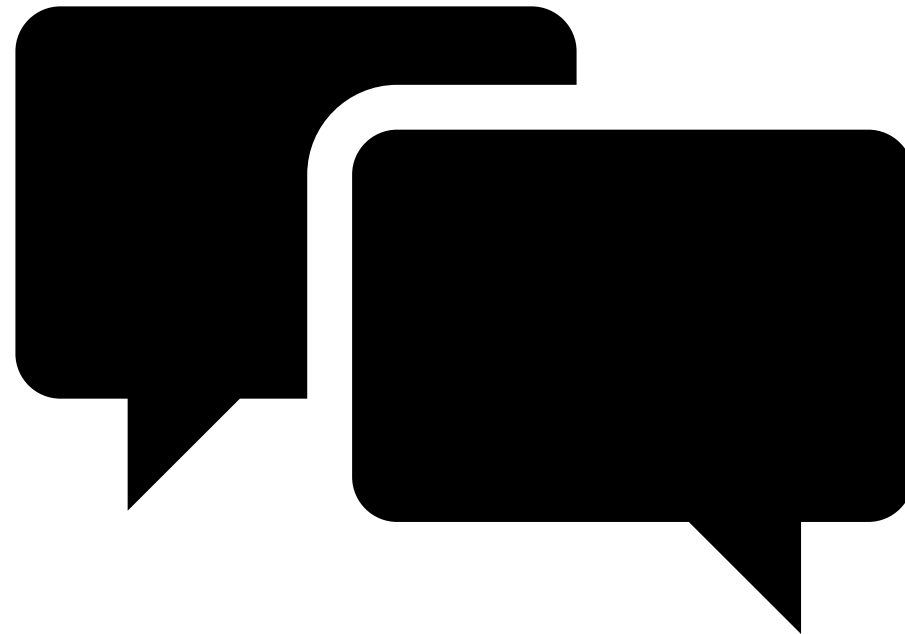
science & innovation

Department:  
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REPUBLIC OF SOUTH AFRICA



National  
Research  
Foundation

# Questions & Discussion



# Thank you



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