

The NRF support for water research and potential for future collaboration with WRC

*Water Research Commission (WRC) Dialogue
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Knowledge Fields Development**

THE NRF MANDATE



RISA
Research and Innovation
Support and Advancement

Support and promote research

Through funding, human resource development and the provision of the necessary research facilities in order

To facilitate

The creation of knowledge, innovation and development in all fields of science and technology, including indigenous knowledge

And thereby contribute to

The improvement of the quality of life of all the people of The Republic

National Research Foundation Act of 1998



The Strategic Plan

of the National Research Foundation

September 2007



NRF VISION

2015



National Research Foundation



Purpose

**World-class research
Transformed society
Sustainable environment**

People

Human capacity
development

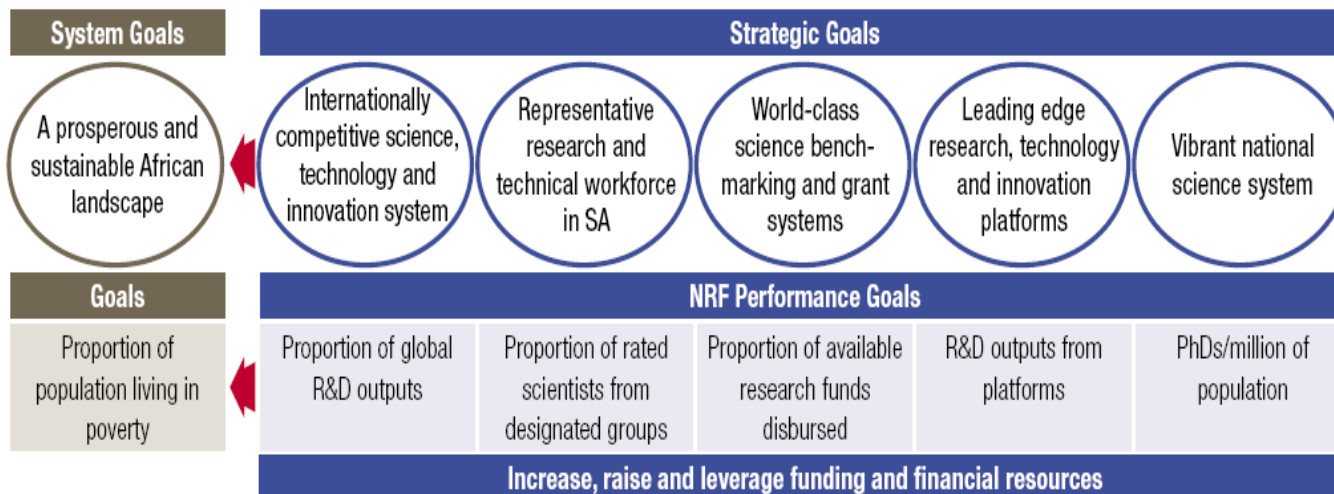
Platforms

Research
and innovation

Science
advancement

NRF core competencies

Strategic Performance Goals (five-point plan)



NRF - Internationally competitive science & representative S&T



RISA
Research and Innovation
Support and Advancement

- **Institutional capacity (IEPD/HICD)-** World class Universities and Equipment
- **Human Capacity (HICD/KFD)** Highly skilled people in sufficient numbers capable of creating new knowledge and to translate existing knowledge in an innovative way
- **Knowledge Production & Development (KFD/ARIC)** New knowledge/existing knowledge (Research output) that is internationally competitive
- **Application and Innovation (ARIC)** Knowledge Application, Development and Innovation – technological and social
- **Benchmarking (Evaluation & rating of individuals)** Recognized and respected by peers on the basis of quality and impact of research

Some Knowledge Production Funding Instruments



RISA
Research and Innovation
Support and Advancement

Programmes from Core Parliamentary Fund:

- Blue Skies Research;
- Community Engagement;
- Competitive Programme for Rated Researchers;
- Competitive Support for Unrated Researchers;
- Education Research
- Incentive Support for Rated Researchers
- Thuthuka Programme

- Development grants

Instruments for KFD goals

Contract, ring-fenced & collaborative programmes:

- African Origins Platform (AOP)
- African Coelacanth Ecosystem Programme (ACEP)
- Astronomy programmes
 - **Multiwavelength Astronomy**
 - **National Astrophysics and Space Science Programme (NASSP)**
- Centres of Excellence (CoE)
- Community-University Partnerships Programmes
- Indigenous Knowledge Systems(IKS)

Instruments for KFD goals

Contract, ring-fenced & collaborative programmes:

- Global Change Programmes
 - Global Change, Society and Sustainability Research Programme
 - Risk and Vulnerability Science Centres (RAVSC)
 - Strategic Initiatives, e.g. CoP; IPCC; Habitable Earth
 - Belmont Forum
 - Future Earth (The Science and Technology Alliance for Sustainability)
- South African Research Chairs Initiative (SARChI)
- THRIP (dti – Technology and Human Resources for Industry Programme)

Instruments for KFD goals

Collaborative/joint [investment] programmes:

- Drug Discovery Programme
- South African National Antarctica Programme (SANAP)
- South African Network for Coastal and Oceanic Research (SANCOR)
- Society, Ecosystems And Change (SEACChange)
- Marine and Coastal Provincial Research Programme (MCPRP)

Tools for working with external stakeholders

- Workshops
- Roundtable discussions
- Resource requirements e.g. electronic information
- Advisory committees
- Networks and fora
- Experts/specialists rota system (NRF Fellowship)

Thank you

