

## **The South African Radio Astronomy Observatory (SARAO)**

SARAO is a National Facility for research managed by the National Research Foundation and spearheading South Africa's local and global initiatives in radio astronomy. In particular, SARAO is South Africa's scientific and technical entry point to the Square Kilometre Array Observatory (SKA).

### **SARAO Vision**

*To be a catalyst for radio astronomy and technology advancement in South Africa, Africa and globally*

### **SARAO Mission**

*To establish South Africa as a global leader in radio astronomy and associated technologies and disciplines by successfully hosting, and participating in the design and construction of the SKA telescope and other radio astronomy and geodesy facilities*

### **Objectives**

- To optimise South Africa's contribution to, and benefit from, the international SKA Project
- To establish and sustain globally competitive and transformed radio astronomy and space geodesy research and infrastructure in South Africa, and abroad, where appropriate
- To optimise the associated national socio-economic benefit from radio astronomy and space geodesy activities
- To promote radio astronomy and space geodesy capacity in Africa.

### **Research Infrastructure**

- Karoo
  - Losberg Onsite Facility
    - SKA site
    - MeerKAT telescope
    - Engineering & Operations
  - Klerefontein Support Base
    - Engineering & Operations
    - Artisan Training Centre
  - Carnarvon Information Centre
    - Stakeholder Management
- Cape Town
  - Black River Park
    - Science, Engineering & Operations, Business Functions
- Gauteng
  - Johannesburg Observatory
    - Human Capital Development, Information & Risk, Spectrum & Telecommunications
  - Hartebeesthoek Radio Astronomy Observatory
    - Technical Workshops
    - Training Facilities