



Promoting African-European Research Infrastructure Partnership (PAERIP)

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on behalf of Proj Coordinator, Dr Takalani Nemaungani
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Background

- **Project Funded by European Commission under the European Union's (EU) Seventh Framework Programme (Infrastructure)**
- **Objective:**
Promote research infrastructure partnerships between Europe and Africa
- **Project Duration: 2 Years- April 2011- April 2013**
- **Project Budget: € 450 000**



Partners

- Department of Science & Technology: **South Africa**
- Association of Commonwealth Universities: **United Kingdom**
- Sigma Orionis – **France**
- Technoscene (Pty) (Ltd)- **South Africa**
- Ethniko Idryma Erevnon – **Greece**
- Ministry of Science & Technology – **Kenya**
- ISC Intelligence in Science – **Belgium**
- Ministry of Higher Education and Scientist Research - **Egypt**



PAERIP OBJECTIVES

- African-European cooperation opportunities related to **existing** research Infrastructures
- Exploring opportunities for African European cooperation in developing **new** research infrastructures
- Promoting African-European research infrastructure **policy** dialogue including on development impact
- **Information, advisory and support** services for African-European research infrastructure cooperation.



African-European cooperation opportunities related to existing research Infrastructures

- **African access to European facilities and European access to African infrastructures.**

The focus will be on:

- Developing recommendations on how to improve **mutual access**, specifically with regard to research infrastructures relevant to science and technology projects identified as **priority focus areas for Africa-EU** cooperation.
- Identification of opportunities to improve African-European research **cooperation using existing** research infrastructures, specifically within the context of the FP7 research infrastructure activities and those of the future Framework Programme.

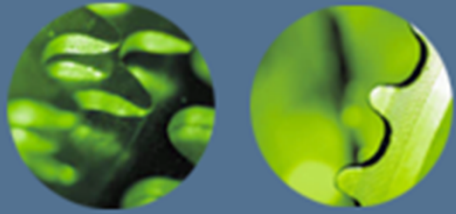


Exploring opportunities for African European cooperation in developing new research infrastructures

- Identify opportunities for African-European **cooperation in developing new research infrastructures**, especially within the context of the **ESFRI Roadmap and global projects**, leveraging where appropriate unique African comparative advantages.

The focus will be on:

- Undertaking a specific analysis of **opportunities** for Africa to contribute to the implementation of the ESFRI Roadmap.
- Analysis of the opportunities and challenges related to **Africa's hosting** of European or global research infrastructures.



Promoting African-European research infrastructure policy dialogue including on development impact

- The aim of this objective is to ensure that the evolving policy dialogue on Africa-EU S&T cooperation, notably the **Joint Expert Group (JEG)** established under the Africa-EU Strategy, duly **consider the important role** played by research infrastructures as **instruments for cooperation** and to sensitize policy-makers to the important socio-economic impact of such cooperation.

The focus will be on:

- Preparing and facilitating, at its request, **a discussion** by the JEG on opportunities for Africa – European research infrastructure cooperation.
- Highlighting the **socio-economic impact** of African-European research infrastructure cooperation.
- Analysing the opportunities for **development cooperation** instruments such as the European Development to support African-European research infrastructure cooperation.

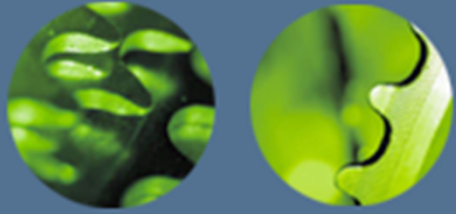


Information, advisory and support services for African-European research infrastructure cooperation.

- **Dedicated services to support** African and European organisations wishing to develop research infrastructure cooperation, notably through the dissemination of **information** such as project reports and also through the availing of **advisory** services.

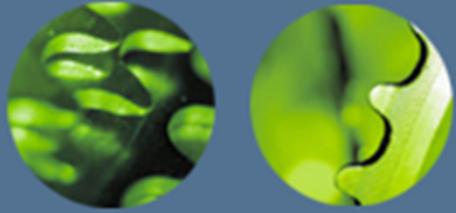
The focus will be on:

- Establishing the project **communication platforms** including a website, virtual helpdesk and e-newsletters.
- Raising awareness on the opportunities for cooperation by organising **dedicated events** ie workshops and conferences



Governance

- **Co-ordinated by DST**
- **Advisory board**
- **Steering Committee**



Planned Events

- **Kick Off meeting in May 2011**
- **4 workshops: 2 in Africa and 2 in Europe**
- **Closing conference**



Why Africa?

- Science, Information Society and Space Partnership of Joint Africa-EU Strategy – Partnership 8
- Increasing Africa participation in FP7: SANBIO, ..
- Emphasis: S&T for development, capacity, socio-econ impact
 - Leapfrogging legacy systems.
 - Developing new, unique infrastructures
 - Development cooperation instruments
- Shared global challenges – broader S&T collaboration
 - Southern Skies and open spaces
 - Biodiversity data, bio-safety, environmental test-beds, multi-national clinical research, climate change
- Facility access & availability – all domains, virtual, *security*
- Already: WAITRO Africa, SANBIO, African Laser Centre, SANReN, ...



General

- Collaboration with current RI projects
- Request to NCPs:
 - Dissemination of information eg via the project's eNewsletter
 - Assist with the identification of experts for consultation
 - Use the PAERIP project for your clients – seeking and recommending African partners



Contact us

Thank you!

Contact us: PROJECT CO-ORDINATOR PAERIP

Takalani Nemaungani

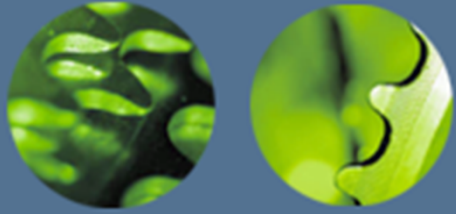
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Questions

- Definition of Research Infrastructures
- **Facilities, resources, and related services used by the scientific community for**
 - Conducting leading-edge research
 - Knowledge transmission, knowledge exchanges and knowledge preservation
- **Includes**
 - Major scientific equipment
 - Scientific collections, archives and structured information
 - ICT-based infrastructures