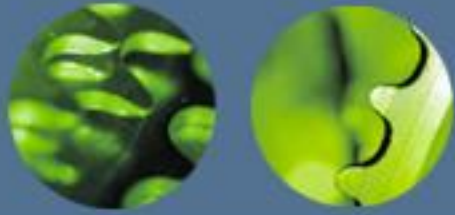




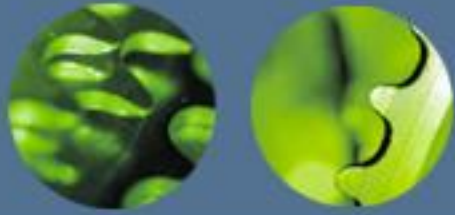
Promoting African-European Research Infrastructure Partnership (PAERIP)

**Mr Takalani Nemaungani
Project Coordinator
Department of Science & Technology,
South Africa
PAERIP Workshop, 11 November 2011
Cape Town**



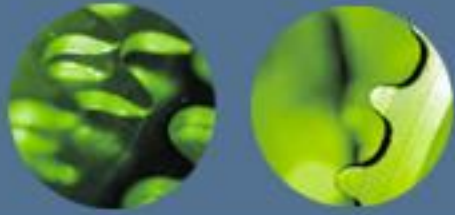
Background

- **Main objective is to promote Research Infrastructure (RI) Partnerships between Europe and Africa in all S&T fields**
- **Project Duration - 2 Years (April 2011-April 2013)**
- **Project Budget - € 450 000**
- **Project funded by the European Union's FP7 as a Support and Coordination Action**



Background

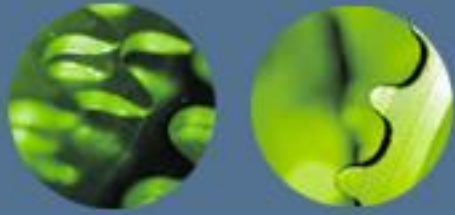
- **Activities – studies, conferences/workshops/seminars, coordination actions, networking, policy development and dialogue, international cooperation**
- **Focus is on large RI in as opposed to dealing with a microscope in a laboratory – single-sited, distributed and national facilities of global magnitude**



Consortium Partners

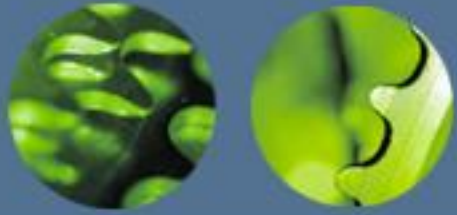
8 consortium partners split equally between Africa and Europe

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



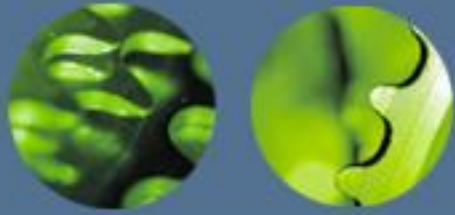
Context

- Joint Africa-EU Strategy includes partnership initiative on Science, Information Society and Space (launched in October 2007 in Ethiopia)
- Priority 1 : Capacity Building for implementation of AU's S&T Consolidated Plan of Action (CPA)
- Expected outcomes include improved pan-African infrastructure and facilities for R&D; development of STI evidence-based Africa-EU policy making



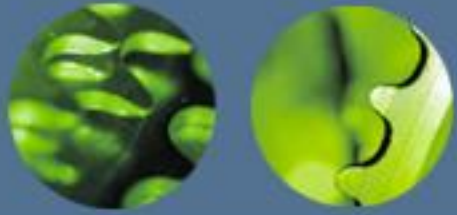
Context

- **Africa-EU Partnership on Infrastructure:** is one of the main actions that are earmarked to address the missing links in existing networks, harmonize transport policies, develop integrated water management, develop cross-border and regional energy infrastructure and promote efforts to bridge the digital divide (ICT Services)



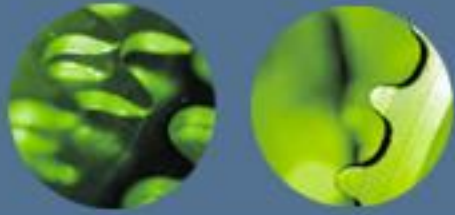
Context

- Recent establishment of the NPCA (NEPAD Planning and Coordinating Agency) in February 2010 as technical implementation body of the AU
- African Union Commission – Secretariat of the AU – Commission on Human Resources, Science and Technology
- Alignment with AU's S&T Consolidated Plan of Action – 5 cluster flagship programmes
 - Biodiversity, Biotechnology and Indigenous Knowledge
 - Energy, Water and Desertification
 - Material Sciences, Manufacturing, Laser Technologies and Post-Harvest Technologies
 - ICT and Space Sciences
 - Mathematical Sciences



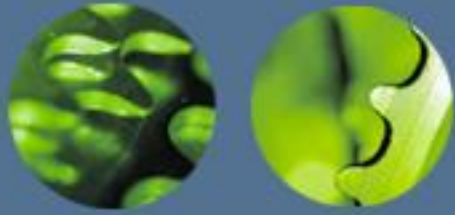
Context

- Create a policy dialogue and strong voice within the continent on Research Infrastructures
- South Africa – Developing the national roadmap on RI through EU-TDCA
- To learn from Europe's experience and ESFRI Roadmap(2008)



PAERIP OBJECTIVES

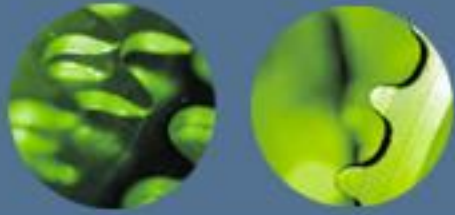
- **African-European cooperation opportunities related to existing research Infrastructures**
- **Exploring opportunities for African European cooperation in developing new research infrastructures**
- **Promoting African-European research infrastructure policy dialogue including on development impact**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



Definition of Research Infrastructure

According to ESFRI

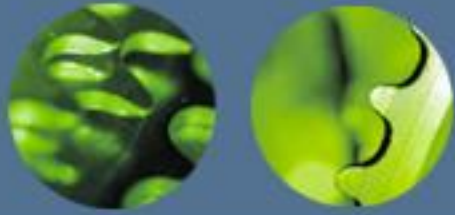
- **Facilities, resources, and related services used by the scientific community for**
 - Conducting leading-edge research
 - Knowledge transmission, knowledge exchanges and knowledge preservation
- **Includes**
 - Major scientific equipment
 - Scientific collections, archives and structured information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



Focus

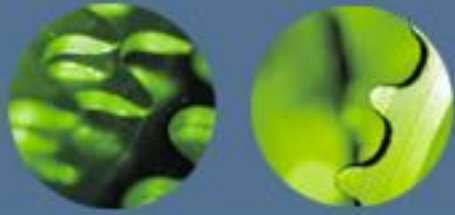
The focus will be on:

- **Developing an inventory of research infrastructure**
- **Developing recommendations on how to improve mutual access**
- **Identification of opportunities to improve African-European research cooperation using existing research infrastructures, specifically within the context of the FP7 research**
- **Influencing future activities and those of the next Framework Programme (Horizon 2020)**



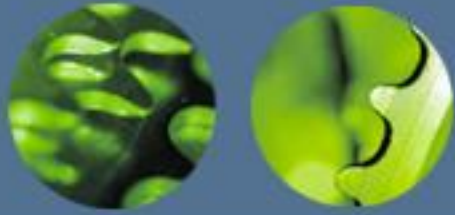
Governance

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



Planned Events

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



Contact us

Thank you!

Contact us:

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