

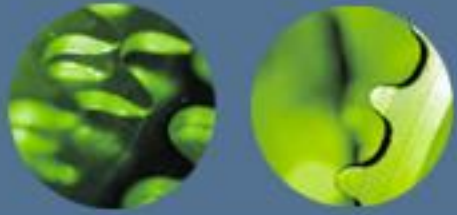


**SOUTH AFRICA – EUROPE COOPERATION
EUROAFRICA-ICT
ANNELINE MORGAN**



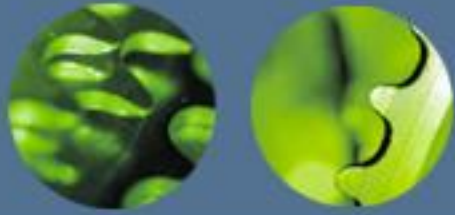
science
& technology

Department:
Science and Technology
REPUBLIC OF SOUTH AFRICA



Outline

- Strategic Indicators
- DST Priorities
- Partnership Models
- Cooperation Mechanisms
- Current Partnerships
- SA-EU Cooperation
- Conclusion



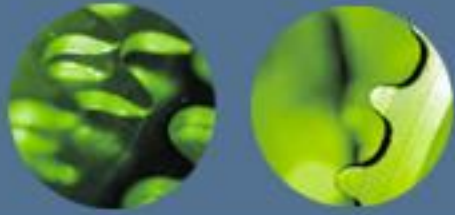
Strategic Indicators

- Leveraged foreign funds in support of South African STI
- South African and foreign funds leveraged in support of African STI development
- Number of foreign participants in cooperative STI research projects with South Africa
- Number of South African students linked to international cooperative STI research projects



science
& technology

Department:
Science and Technology
REPUBLIC OF SOUTH AFRICA



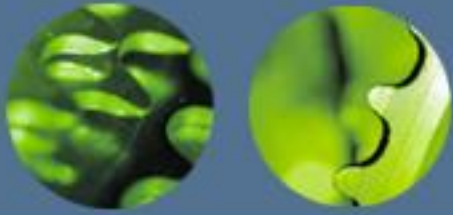
System-level impact indicators

- Number of joint STI publications with South African participation
- Global share of research output
- Percentage of foreign funds contributing to GERD



science
& technology

Department:
Science and Technology
REPUBLIC OF SOUTH AFRICA



- Position SA as a “smart” partner in the international STI sphere
- Secure foreign direct investment in STI
- Attract Global Research Infrastructure (SKA, ICGEB, SALT)



10 Year Innovation Plan



RESOURCE-BASED ECONOMY

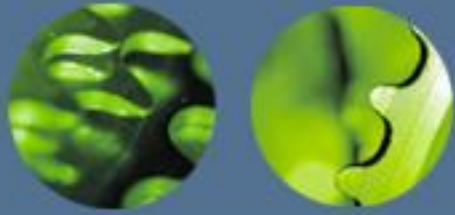


KNOWLEDGE-BASED ECONOMY



science
& technology

Department:
Science and Technology
REPUBLIC OF SOUTH AFRICA



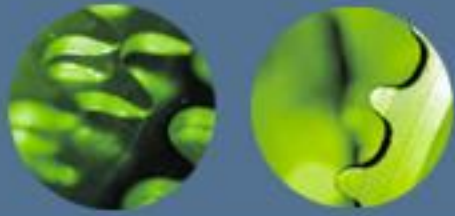
“Grand Challenges”

1. **Farmer to Pharma value chain to strengthen the bio-economy;**
2. **Space S&T;**
3. **Energy security;**
4. **Global-change science (climate change); and**
5. **Human and Social sciences.**

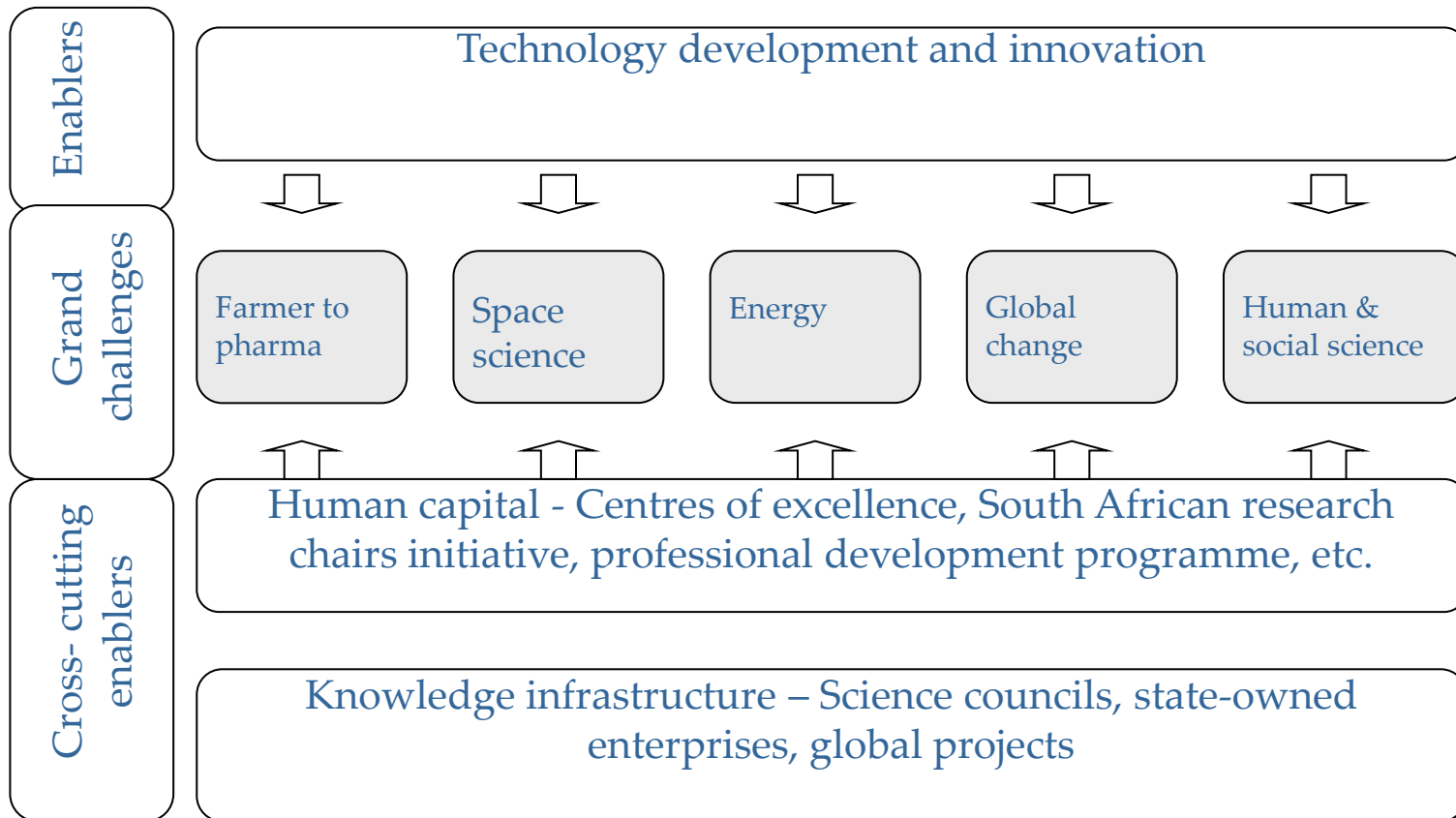


science
& technology

Department:
Science and Technology
REPUBLIC OF SOUTH AFRICA

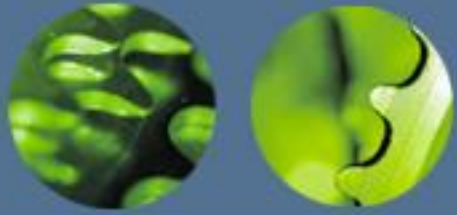


Knowledge generation



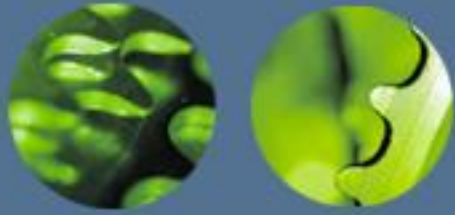
science
& technology

Department:
Science and Technology
REPUBLIC OF SOUTH AFRICA



Partnership Models/Types

- Bilateral
- Regional
- Multilateral (Africa-EU Partnership)



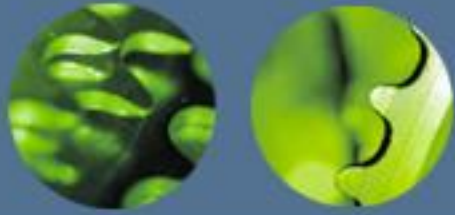
COOPERATION MECHANISMS

- Joint committee meetings
- Calls for proposals
- Seminars/ Workshops/Conferences
- Trilateral Cooperation
- Regional Cooperation
- Inter institution cooperation
- Technical exchange – HCD
- Technology transfer



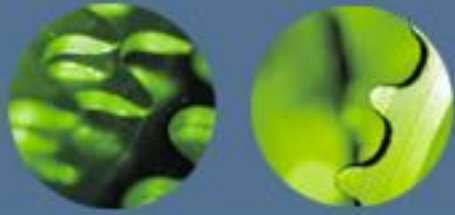
Bilateral Partnerships

Grand Challenge	Partners
Bio-economy	; Switzerland;; Finland; EU
Space science & technology	; SKA; EU; GEO
Energy security	Norway; Germany; EU
Global change	Germany; France; Norway; EU; GEO
Human & social dynamics	France



Regional Partnerships

- Germany-SA-Namibia-Zambia-Botswana-Angola-Regional Science Service Centre-Climate Change adaptation, water & land management
- Germany-SA-Namibia-Zambia-Botswana-Technology Transfer Capacity Development Programme



Finish Cooperation

- **COFISA**

- Innovation Systems

- 2006-2009

- 24 million – SA investments (R8 million)

- **SAFIPA**

- ICT

- 2007-2010

- 3 million Euros – SA investment (R9 million)

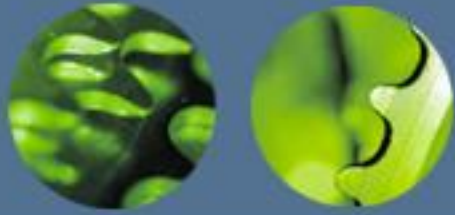
- **BIOFISA – Support to SANBIO (AU/NEPAD)**

- Bio-Sciences

- 2008-2011

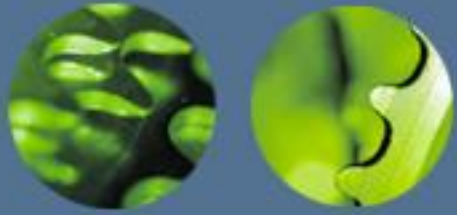
- 3 million Euros – SA investments (R9 million)

- 12 SANBio Network member countries: Angola, Botswana, Lesotho, Malawi, Mauritius, Mozambique, Namibia, Seychelles, South Africa, Swaziland, Zambia and Zimbabwe



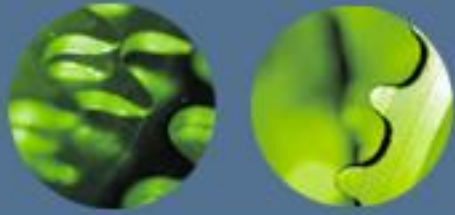
Partnership with Multi-nationals

- Launched in 2005 SAP/Meraka Unit for Technology Development
- Establish a South African research capacity and to invest in the development of local research skills



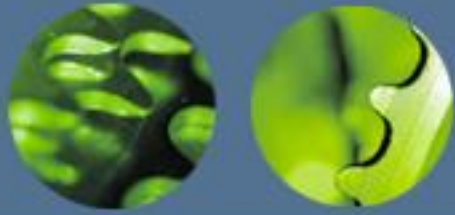
SA-EU Cooperation

- **SA-EU S&T Agreement 2006**
- Joint S&T Cooperation Committee (JSTCC), convenes annually
- SA-EU Summit
- Establishment of NCP's network
- Support Instruments
- **Senior S&T Rep in Brussels**



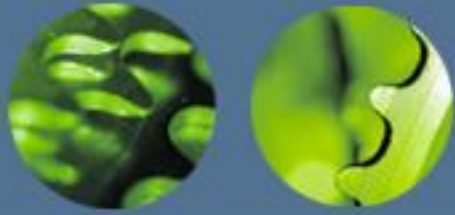
SA Participation in EU Framework Programme

- Participation since FP4 own funding
- FP2-FP6 : 4 years (R150 Million investment in SA research)
- FP7: 7 years (2007-2013) - 50,5 billion EURO
- Currently - more than R150 Million invested in SA NSI



DST FP7 Support Instruments

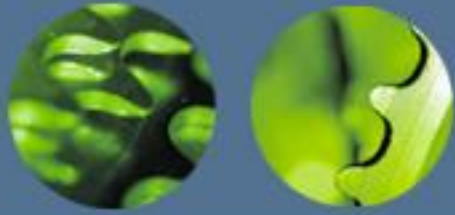
- DST-Unit dedicated to EU relations
- Network of National Contact Points-All Themes
- Co investment funding for approved FP projects
- Seed funding for published calls



Specific projects with Africa focus

- CAAST-Net
- INCONTACT One World
- AeroAfrica-EU
- ERAfrica
- IST Africa
- EuroAfrica-ICT
- PAERIP

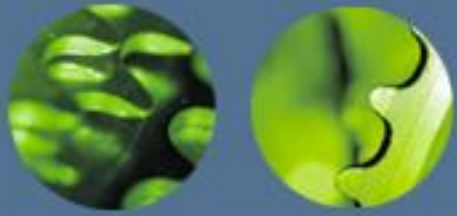




STATS

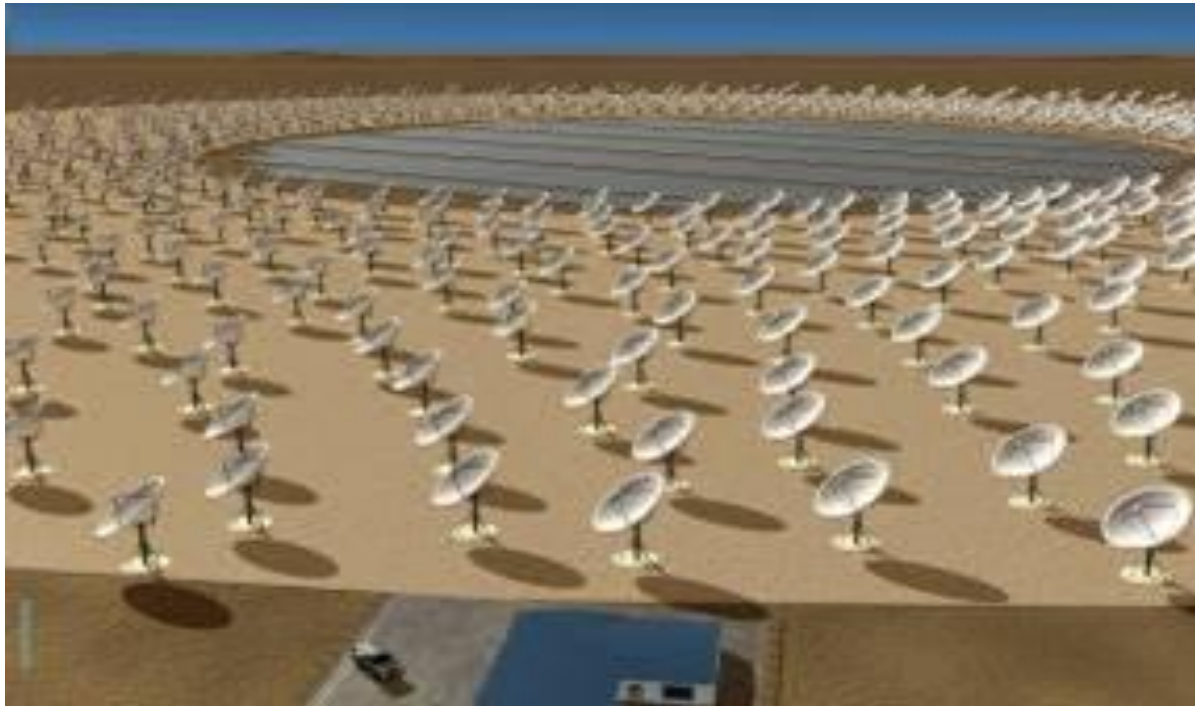
Signed contracts as of August 2009 & October 2011 - participation mostly in health, food agriculture and fisheries, biotechnology, ICT, environment

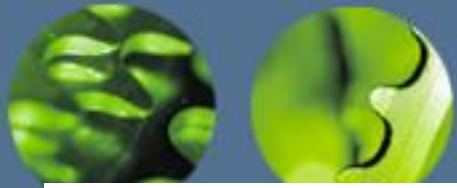
- South Africa 48 (211)
- Mozambique 5 (19)
- Zambia 4 (10)
- Namibia 3 (7)
- Botswana 2 (7)
- Malawi 2 (10)
- Seychelles 2 (2)
- Lesotho 1 (2)
- Madagascar 1 (11)
- Mauritius 1 (4)
- Angola 0 (2)
- DRC 0 (3)
- Swaziland 0 (2)
- Tanzania 0 (33)
- Zimbabwe 0 (3)



Support towards SKA

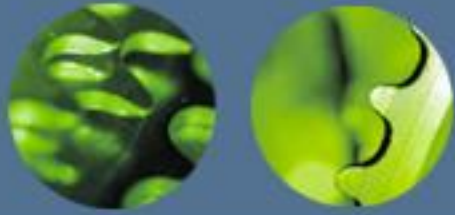
- Prepska –FP6
- Funding preconstruction of SKA





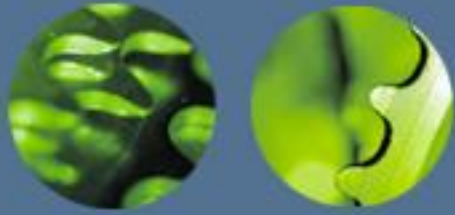
Regional research facilities





Strategic Programmes

- Sector Budget Support (**SBS**) programme is a programme by the European Commission and South African Government aimed at supporting interventions that **contribute to the implementation of the Department's policy and strategy of using science and technology for poverty reduction through job creation, SME development, economic growth and the improvement of the quality of life.**
- A total amount of €30 million was allocated by the European Commission for a period of 4 years, from 2008 – 2012. The implementation of the of Sector Budget Support programme primarily focuses on the Department's Grand Challenges.



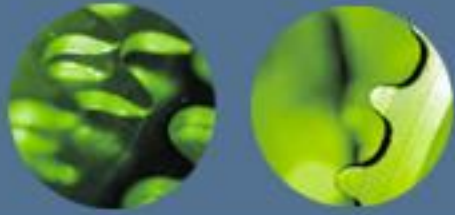
Conclusion

- Promote North-South and South-South partnerships
- Strengthen regional & continental cooperation
- **Establish strong regional research networks**
- Enhance cooperation in STI- bilateral-regional-multilateral levels
- Invest and attract adequate world class research facilities to promote cutting edge research
- Tap into Diaspora



science
& technology

Department:
Science and Technology
REPUBLIC OF SOUTH AFRICA



THANKS

Anneline Morgan

Contact: anneline.morgan@dst.gov.za)

www.esastap.org.za