

# European-South African Cooperation in Scientific and Technical Research

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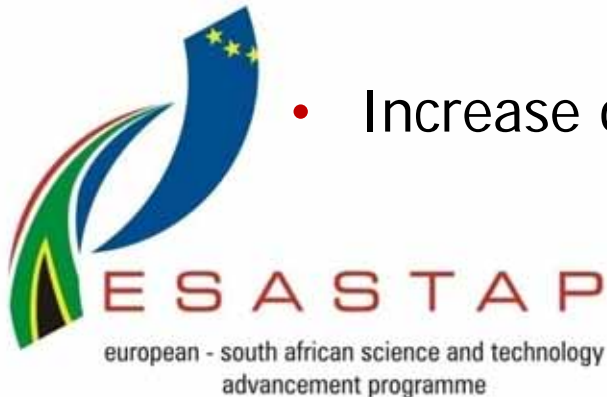
# Overview

- S&T Cooperation between SA and EU
- ESASTAP
- SA - Framework Programmes & COST Actions
- DST support for FP7 and COST participants



# SA and EU S&T Cooperation

- EU is historically SA's most important partner for international S&T collaboration
- EU one of the leading knowledge generation and innovation economies in the world
- SA has identified the need to internationalize its S&T through collaboration with the EU
- Connection to global research
- Increase of research funding



# ESASTAP Background

- European-South African Science and Technology Advancement Programme (ESASTAP)
- A dedicated platform aimed at promoting S&T cooperation between SA and the EU, and to address challenges encountered by SA researchers wishing to participate in Framework Programmes
- Specific Support Action implemented by the DST with funding from FP
- 1<sup>st</sup> duration from 2005-2009. Renewed under FP7



# ESASTAP Activities

- Raising awareness of FP7 among SA researchers
- Showcase SA S&T excellence and innovation
- Promoting SA participation in FP and COST
- Raising awareness of cooperative initiatives in SA
- Facilitate SA and the EU meetings to identify S&T priorities for enhancing cooperation



# ESASTAP Instruments

- **Awareness-raising & information**
  - Website: <http://www.esastap.org.za>
  - E-mail updates, brochures and electronic document library
  - Seminars and workshops both local and international
- **Advisory and support mechanisms**
  - Guidance and support to through dedicated help desks
  - Preparation of SA specific FP materials
  - Expert and technical advice by NCPs and S&T office in Brussels
- **Partner-matching service**
  - Active on the ESASTAP website
  - Mobility portal also linked to EURAXESS
  - Dissemination of information via EU and SA networks
  - Dedicated partner-matching events and NCP facilitated partner matching



# DST Support

- **Marketing of SA S&T excellence**
  - Partner search service on ESASTAP website (mobility portal)
  - Distribution on SA research vacancies in Europe
  - International theme specific events in Europe
  - Distribute thematic brochures during international and local events
- **Financial support**
  - Seed funding - SA researchers preparing for participation in FP7
  - Co-investment funding – SA researchers participating in FP7 projects
  - Mobility matching fund – SA researchers participating in IRSES projects
  - Support for COST participants



# SA - Framework Programmes & Cost Actions

- EU's main instrument for funding R&D
- South Africa started participating in FP4
- FP2-FP6 → R150 Million investment  
240 SA Partners
- FP7 → R120 Million investment  
61 SA Partners
- COST → Reciprocal Agreement 2009  
14 Actions





# SA – Specific Cost Actions

- **929** A European Network for Environmental and Food Virology
- **CM0701** Cascade Chemo-enzymatic processes - New synergies between chemistry and biochemistry (CASCAT)
- **D39** Metallo-Drug design and action
- **873** Bacterial diseases of stone fruits and nuts
- **E54** Characterisation of the fine structure and properties of papermaking fibres using new technologies
- **FP0801** Established and emerging phytophthora: increasing threats to woodland and forest ecosystems in Europe
- **FP0804** Forest management decision support systems (FORSYS)
- **FP0902** Development and harmonisation of new operational research and assessment procedures for sustainable forest biomass supply
- **MP0702** Toward functional sub-wavelength photonic structures

# SA FP7 Participation Statistics

## • Theme breakdown

➤ Health	13	➤ Science in Society	1
➤ FAB	9	➤ Infrastructure	5
➤ ICT	8	➤ International Cooperation	4
➤ NMP	1	➤ Marie Curie Actions	3
➤ Environment	5	➤ Security	1
➤ Transport	4	➤ Socio-economic sciences and humanities	5

## • Top 10 partners

➤ UK, France, Germany, Italy, Belgium, Netherlands, Spain, Sweden, Switzerland and India

