

# EUROPEAN UNION SEVENTH FRAMEWORK PROGRAMME (FP7) OPPORTUNITIES



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# Overview of Presentation

- What is the Seventh Framework Programme (FP7)
- Programmes within FP7 and opportunities
- Thematic areas
- DST support instruments
- SA participation stats
- HORIZON 2020
- Erasmus Mundus



# European Union's Seventh Framework Programme (FP7)

- EU's main instrument for funding R&D
- Implementation through defined calls for proposals
- Full electronic submission (EPSS) only
- European partners are needed for participation
- Proposals are evaluated by independent experts (Independent experts for evaluation and monitoring (<https://cordis.europa.eu/emmfp7/index.cfm?fuseaction=welcome>))
- All proposal coordinators receive an evaluation summary report
- Funding follows successful evaluation, selection and negotiation of grant agreement

# Eligible organisations and registration

- **Public body:** legal entity established as such by national law, and international organisations
- **Research organisation:** legal entity established as a non profit organisation which carries out research or technological development as one of its main objectives
- **Secondary and higher education establishments** includes universities, schools for applied sciences and similar
- **SMEs:** small and medium-sized enterprises as defined in Europe (less than 250 employees, annual turnover not exceeding €50 million)
- Need to register the Participant identity Code (PIC) and appoint a Legal Entity Appointed Representative (LEAR)

# Structure of FP7

## Four Specific Programmes

- **Cooperation:** Collaborative research, research networks, coordination research programmes and support actions
- **Ideas:** Frontier research, researcher driven
- **People:** Human capital: training & mobility
- **Capacities:** Research infrastructures, SMEs, Science and Society and Horizontal international cooperation actions

# Cooperation programme

## *Thematic areas:*

- 1) Health
- 2) Food, agriculture and biotechnology
- 3) Information and communication technologies
- 4) Nanosciences, nanotechnologies, materials and new production technologies
- 5) Energy
- 6) Environment (including climate change)
- 7) Transport (including aeronautics)
- 8) Socio-economic sciences and the humanities
- 9) Space and
- 10) Security

# ESASTAP's activities

- **Raising awareness** of FP7 and other EU funded programmes such as ACP, European and Developing Countries Clinical Trials Partnership (EDCTP), ERASMUS Mundus
- **Showcasing** SA S&T excellence and innovation in Europe
- **Promoting SA** participation in the activities of the FP7
- Raising awareness of existing and future S&T cooperative initiatives in SA and EU
- **Facilitate SA and the EU meetings** to identify S&T priorities for enhancing cooperation

# ESASTAP support instruments

- **Awareness-raising & information:**
  - Website: <http://www.esastap.org.za>
  - E-mail updates
  - Brochures
  - Seminars and workshops both local and international



# ESASTAP support instruments..

- **Advisory and support mechanisms:**
  - **Guidance and support** to SA FP participants through dedicated help desks (contact@esastap.org.za)
  - Preparation of SA specific FP **materials** and other instrument guidance notes
  - **Expert** and technical advice by NCPs
  - S&T office in **Brussels**

# ESASTAP support instruments...

- **Partner-matching service:**
  - Active on the **ESASTAP** website
  - Mobility portal also linked to **EURAXESS**
  - **Dissemination of information** via European and South African networks
  - Dedicated **partner-matching** events
  - NCP facilitated partner matching activities

# ESASTAP support instruments...

- **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

# ESASTAP support instruments...

- **Financial support**

- *FP7 Seed funding* – for SA researchers preparing for participation in FP7, up to 80% of travel expenses
- *Co-investment funding* – for SA researchers participating in approved FP7 project needing matching funding, 50% of the shortfall
- *Mobility matching fund* – for SA researchers participating in approved IRSES project, top up to R 30 000/month/person
- Applications forms accessible on [www.esastap.org.za](http://www.esastap.org.za) and submitted electronically

# SA participation FP7

- SA is participating in 150 projects with 184 participation (27.4% success rate )
- Total investment of 500 million in projects with SA participants of which 30 million was directly invested in SA plus 1.5 million from recently evaluated projects to start in November 2012
- Most successful areas of cooperation: health, environment and the knowledge-based bio-economy research

# What is Horizon 2020

- The EC programme aimed at building competitive industries, better societies and excellence in science
- The programme is envisaged to support projects that will bridge the gap between research and market/industry
- From 2014-2020 with a budget of 80 B €
- Stakeholder consultations
- Bring together the FP, Competitive and innovation programme (CIP) and the Europe initiative of innovation and technology (EIT)

# Priorities

## **Excellent science (24 418.00)**

- Frontier research, future and emerging techs, MCA and research infrastructure

## **Industrial leadership (24 767.00)**

- Leadership in enabling and industrial techs (NMP, Space, biotech, materials etc), access to risk finance (private and VC), and innovation in SMEs

## **Societal challenges (31 748.00 + 1 788.00 from Euratom 2014-2018)**

- Health, food security, energy, environment, transport

# Themes

- Health
- Food security and sustainable bio-resources
- Secure, clean and efficient energy
- Smart, green and integrated transport
- Resource efficiency and climate
- Inclusive, innovative and secure societies



# Erasmus Mundus

- Co-operation and mobility Programme in the field of higher education
- Improve accessibility and enhance the profile and visibility of European higher education in the world
- Contributes to the development of human resources and the international cooperation capacity of higher education institutions in third countries
- Duration (2008-2013)



# WHO CAN APPLY?

- Higher education institutions
- Any organisation active in the field of higher education research
- Students, doctoral candidates, teachers, researchers and university staff (academic and/or administrative) from any part of the world



# Erasmus Mundus Actions

## Action 1: masters and doctoral programmes

- high-quality joint master courses (Action 1A) and doctoral programmes (Action 1B) offered by a consortium of European and possible third-country HEIs
- Short-term scholarships for third-country and European academics for research or teaching assignments as part of the joint master programmes

## Action 2: Support Partnerships

- including scholarships and fellowships for mobility at a range of academic levels with specific countries

## Action 3: Mobility

- Promote projects with an international dimension of all aspects of higher education

# Calls for proposals

- Next calls in November/December 2012, with a deadline for proposals in April 2013.
- This 2013 Call will not include a selection of new **Action 1 Joint Programmes** (Erasmus Mundus Masters Courses and Joint Doctorates). Existing Action 1 Joint Programmes with an ongoing framework partnership agreement will be invited to apply in Autumn 2012 for scholarships/fellowships for their 2013 intake.
- The Call will include a selection of **Action 2 Partnerships** and **Action 3 Promotion projects**.

# Thank you!

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**ESASTAP**

European - South African Science and Technology  
Advancement Programme