

FP7 INFORMATION SESSION

NTOMBI MCHUBA



Overview of Presentation

- Seventh Framework Programme (FP7) Overview
- South African participation
- DST support to SA participants in EU funding programmes
- HORIZON 2020



European Union's Seventh Framework Programme (FP7)

- EU's main instrument for funding R&D
- FP1: (1984-1987)
- South Africa started participating in FP4
- FP2-FP6 : 4 years (R150 Million investment in SA projects)
- FP7
 - 7 years (50,5 billion EURO from 2007-2013)
 - SA investment of R150 000 000.00
 - Top 10 partners
UK, France, Germany, Italy, Belgium, Netherlands, Spain, Sweden, Switzerland and India

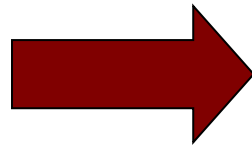
Structure of FP7

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

South African Framework Participation

- FP4: 40
- FP5: 60
- FP6: 117
- FP7: 203 (since 2011)



South Africa is currently
5th most successful 3rd
Country participant in
FP7

SA participation in FP7

Theme/programme	No. of approved proposals	No. of Participants	Total amount (€)
Energy	3	4	337 388
Health	27	35	10 655 771
FAFB	24	28	3 495 733
Environment	24	32	4 170 658
ICT	17	17	1 645 600
Security	2	2	50 901
NMP	3	3	564 760
Space	9	13	1 473 938
Transport	10	13	1 467 591
SSH	9	10	1 618 002
SiS	3	3	225 526
Capacities	21	23	2 688 900
People	35	213	13 799 171
EURATOM	4	3	32 876



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advancement programme

DST support instruments

- **Awareness-raising & information**
 - Website
 - Information session
 - brochures
- **Advisory**
 - NCP network
 - ESASTAP helpdesk
 - Brussels office
- **Partner-matching service**
 - Support to participate in international events
- **Financial support**
 - Seed and co-investment funding instruments

Ideas programme

- Implemented by the European Research Council Agency (ERC)
- Would like to see more SA participation
- Frontier research and aims to attract top researchers (EU and non-EU) in European institutions of grantees choice and with a team of own choice
- Can get funding for 5 years
- Four types of support as follows:



Ideas Grant Schemes

Starting Grants

Starters (2-7 yrs after PhD)

Consolidators (7-12 yrs after PhD) up to € 2.0 Million for 5 yrs

Advanced Grants

Track record of significant research achievements in the last 10 yrs

Up to € 3.5 Million for 5 yrs

Synergy Grants

2-4 Principal investigators
Up to € 15.0 Million for 6 yrs

Proof-of-concept

Bridging the gap between research
and earliest stage of marketable
innovation up to € 150, 000 for ERC
grant holders

Benefits for non European researchers in Ideas

- Additional “start-up” funding for scientists moving to Europe (EUR 500 000 for Starting and EUR 1 Million for Advanced grantees)
- The Grantee can keep affiliation with home institute outside Europe
- “significant part” of work time in Europe and home team members can be based outside Europe
- Grantee can move within European institution with the grant

People Programme (mobility)

- Human resource development in R&D in Europe
- Numerous, well-trained, motivated researchers
- Attract students to SET careers
- Skills and sustainable career development
- Continuity of previous Framework programme
- Industry, international and initial training of researchers and specific actions for NCPs etc.

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)



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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

Thank you!

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