

The European Union's Seventh Framework Programme (FP7) with a focus on the Environment Theme

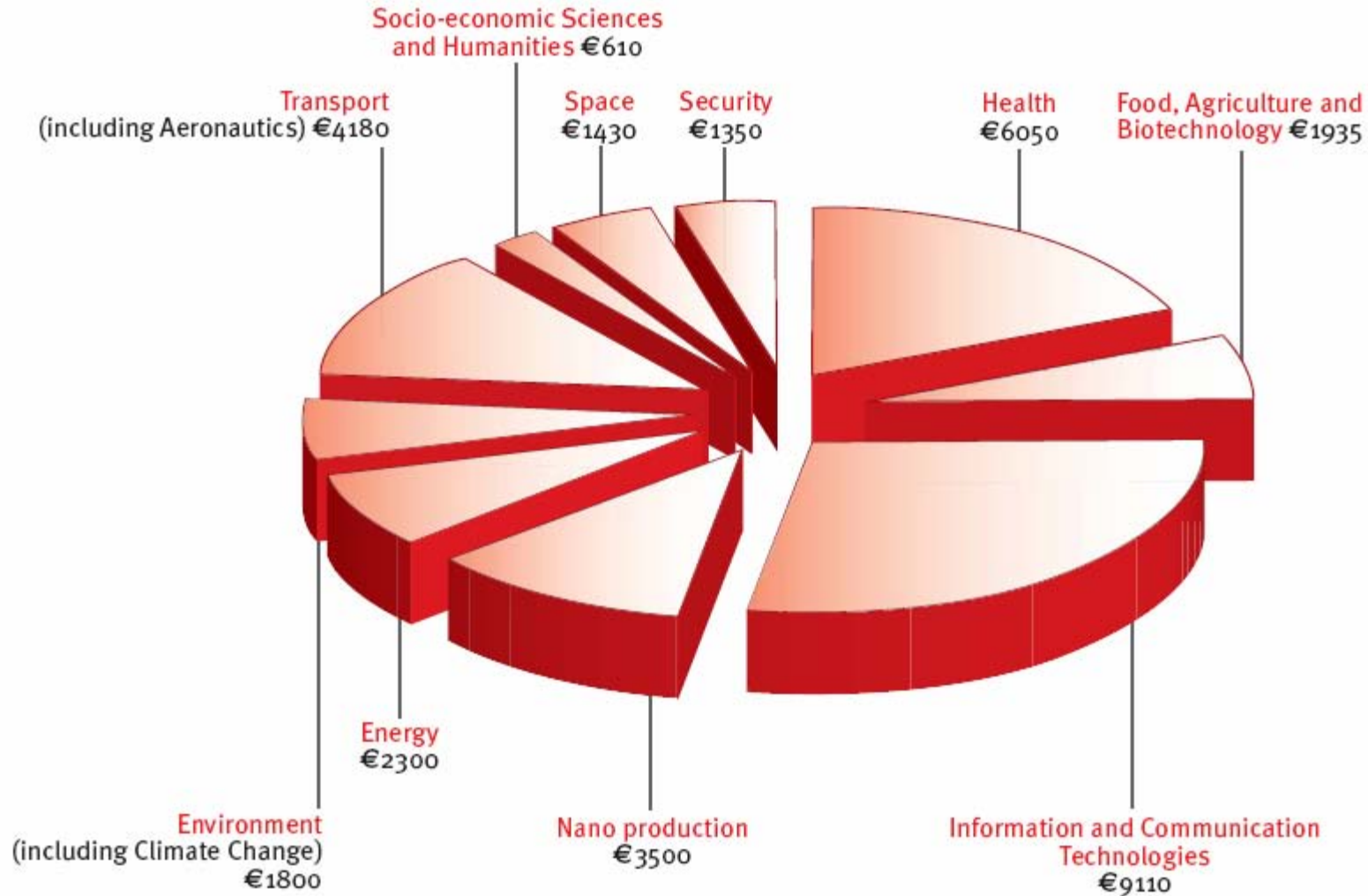
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SA Environment NCP**



FP7 is made up of 4 main blocks of activities forming 4 specific programmes plus a fifth specific programme on nuclear research:



The Cooperation Programme breakdown (€ million)



- **Budget**

- FP7 Environment (2007-2013)

- ~1,8 billion euro

- 1st call work programme 2007: 210 million euro

- 2nd call work programme 2008: 217 million euro

- 3rd call work programme 2009: 193,5 million euro

- 4th call work programme 2010: 180 million euro

Theme 6 - Environment including climate change

Objective: To promote sustainable management of the natural and human environment and its resources

- through advancing our knowledge on the interactions between the climate, biosphere, ecosystems and human activities and
- developing new technologies, tools and services, in order to address in an integrated way global environmental issues.



ESASTAP



European - south african science and technology
advancement programme

Emphasis on:

- prediction of climate, ecological, earth and ocean systems changes, on tools and on
- technologies for monitoring, prevention and mitigation of environmental pressures and risk on health and for the sustainability of the natural and man-made environment

The 4th Work programme

Environment (including climate change) at a glance

<p>Climate Change, pollution and risks</p>	<ul style="list-style-type: none"> • Pressures on environment and climate • Environment and health • Natural Hazards 	<p>32,5 M 16 M 11,5 M</p>
<p>Sustainable management of resources</p>	<ul style="list-style-type: none"> • Conservation and sustainable management of natural and man-made resources and biodiversity • Management of marine environments 	<p>32 M 19 M</p>
<p>Environnemental Technologies</p>	<ul style="list-style-type: none"> • Environnemental technologies for observation, prevention, mitigation,..., of the natural and man-made environment • Protection, conservation and enhancement of cultural heritiage, incl. human habitat • Technology asesment, verfication, testing 	<p>51,5 M 8,5 M 4,5 M</p>
 <p>Earth observation and assessment tools</p>	<ul style="list-style-type: none"> • Earth observation • Forecasting methods and assesment tools 	<p>17 M 16,5 M</p>
 <p>ESASTAP European-south-african science and technology advancement programme</p> <p>Dissemination and horizontal activities</p>	<ul style="list-style-type: none"> • Dissemination activities 	<p>4 M</p>

How does it work?

Time line: Main ENV call 2010

30 July 2009:	publication FP7-ENV-2010 (4 th “call” WP2010)
5 Jan 2010:	deadline for submission project proposals
Jan-Feb:	evaluation (one step procedure)
March-Apr:	consensus meeting/ results evaluation process
Apr-May:	contract negotiation
June-July:	grant agreement/ start project
July:	publish 5 th “call” WP2011

How we operate?

- Circulate call amongst local global change science community (gauge interest) (Global change grand challenge)-database
- Network with other theme NCPS
- Provide advise on frequently asked questions
- Assist in finding partners-Partner match on Esastap/Cordis

- Facilitate information sharing sessions
- Market South African scientific and technological excellence in other FP7 participating countries through bilaterals
- Encourage networking with counterpart NCP's in the European Union to assist South African FP7 participants in finding European partners.
- Seed funding



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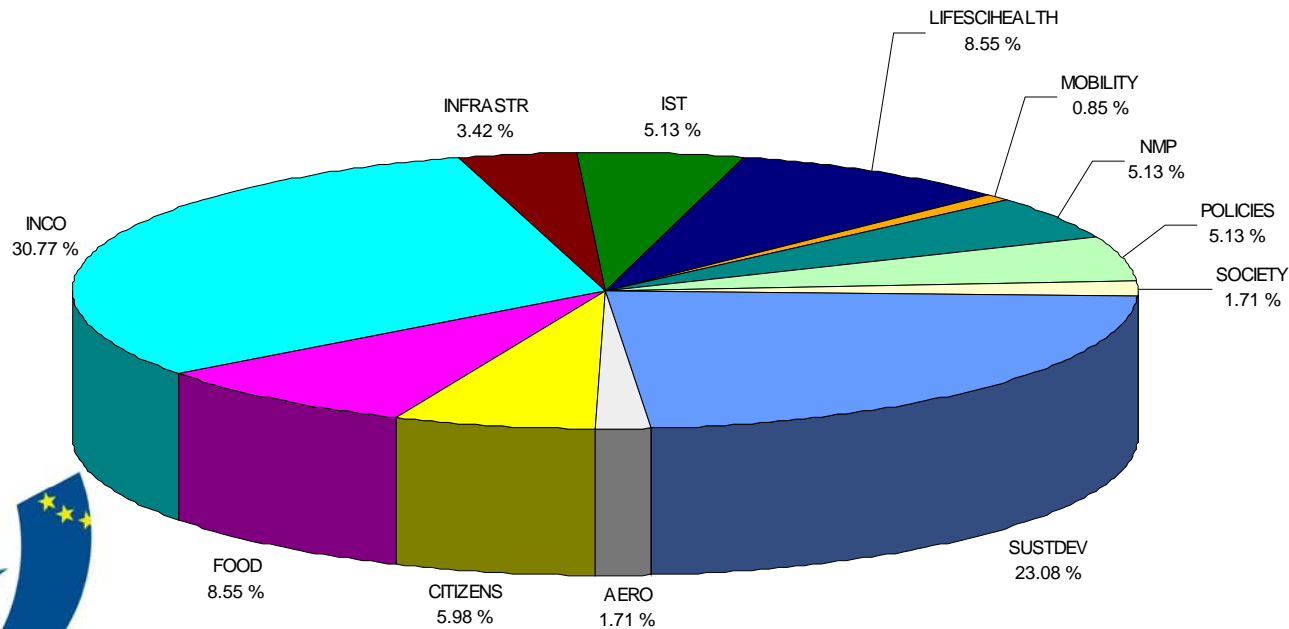
Challenges

- Areas in each activity are too broad
- Time it takes to write proposals (risk project)
- Process is tedious
- Small fragile stretched research community
- Process is biased towards rated scientists, whom are well known in international realm
- qualified but inexperienced scientists lack support to participate

SA successes in FP6

We had 23 projects in environment (in FP6 it was called Sustainable development, global change and ecosystem).

South Africa: participants in FP6 projects (signed + draft) in thematic priorities



Some advice-What makes a good proposal?

State of mind

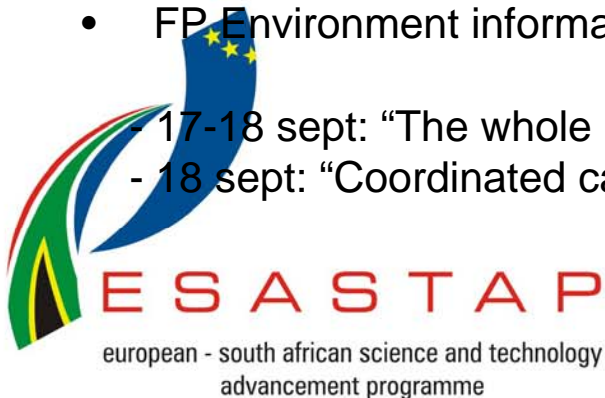
- ~~You ask the EC to fund your research~~
- You help the EU to solve its problems!

Some advice-What makes a good proposal?

- Use your network's
- Know who are were major key players in FP6
<http://cordis.europa.eu/fp6/projects.htm>
- Networking projects: INT-ER-LINK & NCP-TOGETHER
- European Technology Platforms and Joint Technology Initiatives
http://cordis.europa.eu/technology-platforms/individual_en.html
- FP7 Conferences
http://ec.europa.eu/research/conferences/index_en.cfm
- FP Environment information days

- 17-18 sept: "The whole ENVIRONMENT theme"

- 18 sept: "Coordinated call on Africa"



Useful resources

European South African Science and Technology programme

<http://www.esastap.org.za>

INTER-LINK website

<http://www.interlink-fp6.com/>

FP7 – Seventh Framework Programme

<http://cordis.europa.eu/fp7>

FP7 Specific Programme Cooperation

<http://cordis.europa.eu/fp7/cooperation>

FP7 Specific Programme IDEAS

<http://cordis.europa.eu/fp7/ideas>

FP7 Specific Programme PEOPLE

<http://cordis.europa.eu/fp7/people>

FP7 Specific Programme Capacities

<http://cordis.europa.eu/fp7/capacities>



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Thank you

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NCP environment Theme

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Work programme Environment (including climate change)

Funding schemes

- ✓ Collaborative projects
 - large-scale projects: **4-7 million euro**
 - small or medium-scale projects **≤ 3,5 million euro**

- ✓ CSA coordination & support actions **≤ 1 million euro**

- ✓ Research for the benefit of specific groups (example SICA, specific international cooperation action, policy relevant, SME relevant...)