



ESASTAP

European - South African Science and Technology
Advancement Programme

Opportunities for South African SMEs to participate in FP7

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Overview of presentation

(1) SMEs in FP7

(2) Specific Research for the Benefit of SMEs activity

(3) SMEs in FP7 “Cooperation” calls for proposals

(4) Next steps and support

SMEs in FP7

- (1) Research for the benefit of FP7
- (2) Participation by research-performing SMEs
- (3) Mobility – Industry Academia Partnerships and Pathways
- (4) EUROSTARS

SMEs in FP7: Overview

Complementary pillars of SME support in FP7

Optimized participation of SMEs	Dedicated scheme with special emphasis on SMEs	Budget increase for the SME specific measures
<p data-bbox="352 800 695 850">"Cooperation"</p> <p data-bbox="296 976 751 1081">Research performing SMEs</p> <p data-bbox="352 1222 695 1273">Thematic areas</p>	<p data-bbox="978 800 1192 850">"People"</p> <p data-bbox="848 976 1304 1081">Research performing SMEs</p> <p data-bbox="877 1190 1274 1300">Industry-academia pathways</p>	<p data-bbox="1486 800 1780 850">"Capacities"</p> <p data-bbox="1398 943 1864 1057">SMEs outsourcing research</p> <p data-bbox="1409 1222 1854 1273">Bottom-up approach</p>

FP6 / FP7 SME Budget

€million	FP6	FP7	FP6 annual average	FP7 annual average	Increase annual average
SME specific measures	473	1.336	118	191	61%
SME participation (15% target)	1.865	4.862	466	695	49%
Total	2.338	6.198	585	885	51%

FP7 SME Important Funding Principles

Implemented through competitive calls for proposals

Consortia must meet minimum number of partners

A grant for research, not a loan. Grant covers a big part, but not all. Participants, SMEs as well, need to co-finance.

FP7 Research for the Benefit of SMEs

Research for SMEs:

Low to medium technology SMEs with little or no research capability

Research intensive SMEs that need to outsource research to complement their core research capability

Research for SME associations:

SME associations representing their members and their common technical problems

bottom-up approach, no thematic focus

Objective of research for benefit of SMEs activity

Strengthen the innovation capacities and competitiveness of SMEs, to develop new products and markets by outsourcing of research.

Clear exploitation potential with economic benefits for the SMEs (or for the SME members of the associations) involved.

Research for the benefit of SMEs



SMEs invest in R&D

- “Customer-seller” relationship between SMEs and RTD-performers.
- SMEs invest in the RTD project and outsource part of the research activities to “RTD performers”.
- RTD performers **invoice** their services to SMEs.
- EC contributes substantially funding, but not all!

IPR principles

The default regime leaves full ownership of all project results and IPR with those who pay, i.e. the SMEs or the SME Associations.

The consortium may however reach a different agreement in their own best interest, as long as the SMEs or SME associations are provided with all the rights needed for their use and dissemination of the results, and they do not pay the full costs of the RTD.

Research for the benefit of SMEs

	Research for SMEs	Research for SME associations
Duration	1-2 years	2-3 years
Number of partners	5-10	10-15
Total budget	€0.5 – 1.5 Million	€1.5 – 4 Million
Activities	R&D, demonstration, management, other activities	R&D, demonstration, management, other activities

Coordination and Support Activities

- Support to dissemination and exploitation of research results and exchange of good practices by e.g.:
 - a) clustering of projects on common topics to improve interaction and joint dissemination and exploitation activities and
 - b) developing and implementing strategies aiming at a reinforced exploitation of results.
- Contributing to the identification of priority research topics for SME associations, especially by establishing a dialogue with European Technology Platforms (ETP).

Current Call for Proposals

- Call FP7-SME-2010-1
- Publication: 30 July 2009
- Closing : 3 December 2009
- Indicative budget: 136.84 M €

SMEs in FP7 Cooperation

- **Dedicated SME strategy** under each Theme
- **Identification of areas of particular interest** to SMEs in the individual work programmes
- **15% target** for SME participation (early indications meeting and exceeding 15%)
- **Greater flexibility** in choosing the appropriate funding scheme
- **Simplified financial and administrative procedures** (e.g. 75% funding rate for SMEs, no bank guarantees)

FP7 Cooperation Themes

- Health
- Food, Agriculture and Fisheries, Agriculture
- ICT
- Nanotechnology, Materials and Production
- Environment
- Energy
- Transport
- Social Sciences and Humanities
- Space; and Security
- Nuclear

Examples of SME focus in FP7 Cooperation 2010

- **HEALTH.2010.2.3.3-2: Drug lead discovery against RNA viruses.**
- **HEALTH.2010.2.3.4-1: Vaccines for childhood bacterial diarrhoeal diseases.**
- **HEALTH.2010.2.4.1-4. Infectious agents and cancer in Africa.**
- **HEALTH.2010.2.4.4-1: Clinical development of substances with a clear potential as orphan drugs.**
- **HEALTH.2010.4.1-1: Promoting participation of high-technology research-intensive SMEs, operating in the Health sector.**

Examples of SME focus in FP7 Cooperation 2010

- **KBBE.2010.1.2-01: Integrating mitigation and adaptation options for sustainable livestock production under climate change**
- **KBBE.2010.1.2-05: Integrated pest management in farming systems**
- **KBBE.2010.1.3-01: Development of vaccines and improvement of detection systems to control helminth parasite infections of livestock and reservoirs**

Next steps: Key documents

- Workprogramme "Research for the benefit of SMEs" or Cooperation theme
- Guides for applicants "Research for SMEs" and "Research for SME associations" or Cooperation theme
- Guide to Intellectual Property Rules for FP7 projects
- All available: www.cordis.europa.eu including submission procedure

Next steps: More information

- **Research for the benefit of SMEs:**
http://cordis.europa.eu/fp7/capacities/research-sme_en.html
- **SME TechWeb:** ec.europa.eu/research/sme-techweb
- **Get Support:** http://cordis.europa.eu/fp7/get-support_en.html
- www.esastap.org.za

Key Challenge for SA participants

- Find European partners, SMEs and others – use www.esastap.org.za and Network of National Contact Points
- Identify and market value to be added to European partners, including SA R&D performers to European SMEs
- Opportunity to apply ESASTAP FP7 seed funding



Thank you

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