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(2002 – 2006)**

**INTEGRATING AND STRENGTHENING THE  
EUROPEAN RESEARCH AREA**

**SPECIFIC MEASURES IN SUPPORT OF  
INTERNATIONAL COOPERATION (INCO)**

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**FINAL ACTIVITY REPORT**  
covering period from 01-11-2005 to 01-11-2007

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## 2. SUMMARY

The overall aim of the European – South African Science and Technology Advancement Programme (ESASTAP) is the formation of a dedicated platform for the advancement of European Union (EU) – South African (SA) scientific and technological (S&T) cooperation.

ESASTAP was established with the primary objectives of:

- Promoting and enhancing bilateral and multilateral S&T cooperation between SA and the EU at community and individual member state levels;
- Advancing S&T through developing, improving and supporting S&T networks and partnerships between EU and SA scientists and institutions, and
- Deriving benefit for the people of the participating countries through identifying and addressing S&T priorities that provide opportunities for increased economic growth, and improved quality of life.

The ESASTAP team has achieved a significant number of achievements since the project started in line with the planned milestones and deliverables. Further it should be noted that ESASTAP 2 was established under FP7 and is still very active. As reported in Year 1 and Year 2 the overall the project has achieved the goals it set out to meet, which was to (i) showcase the excellence and innovation of SA science and also S&T activities of individual EU member states, as well as to foster the development of S&T networks and partnerships, (ii) promote greater SA participation in the activities of the Framework Programmes, (iii) create and maintain systems and fora promoting increased awareness and utilisation by both SA and EU countries of existing and future S&T cooperative initiatives, and (iv) develop targeted initiatives that facilitate the SA and the EU to jointly identify S&T priorities for enhancing cooperation.

To summarise some of the achievements for the ESASTAP project:

- ***Showcasing the excellence and innovation of SA science and S&T activities of individual EU member states, as well as fostering the development of S&T networks and partnerships:***
  - The formal ESASTAP SA launch took place in Pretoria on the 28<sup>th</sup> June 2005. Smaller launches were also held in the other 8 provinces of SA. ESASTAP was also formally launched in the EU, with the event, attended by representatives from the various EU member states, being held in Brussels, Belgium on the 14<sup>th</sup> July 2006.
  - The efforts embarked on by the ESASTAP team towards fostering the development of S&T networks and partnerships between SA and European scientists were noteworthy. Some of the activities undertaken in this arena include:
    - (i) initiating / hosting EU member state launches;
    - (ii) thematic workshops,
    - (iii) national and international meetings / workshops / conferences with country representatives, research organisations, industry players, public sector,

- (iv) the hosting of the “Innovative South Africa Conference” in Brussels earlier this year, which promoted innovation developments in SA and provided a platform for developing an innovation policy dialogue between SA and European partners, and furthermore.
- Launch of the FP7 NCPs - an extensive National Contact Point network (SA being one of the first third countries to host such an association) to which ESASTAP provides considerable support, and also harnesses the expertise and networks of both the SA and European NCPs to promote greater cooperation and collaboration between the research communities.
- ***Promoting greater SA participation in the Framework Programmes:***
  - Exhibitions at Bio2Biz in 2006 and 2007, the annual biotechnology forum for South Africa.
  - Launch of FP7 preparation campaign - the Department of Science and Technology (DST) held a workshop to launch the ESASTAP campaign to prepare the South African research community for participation in the European Union's forthcoming Seventh Framework Programme (FP7) during October 2006.
  - Organising specialist workshops to promote industry and SME participation in the Framework Programmes.
  - Providing opportunities for SA researchers to access seed funding and strategic co-funding.
- ***Creating and maintaining systems and fora promoting increased awareness and utilisation by both SA and EU countries of existing and future S&T cooperative initiatives:***
  - ESASTAP's exhibit at the 2005 European Commission's Directorate-General for Research “Communicating European Research” conference.
  - The ESASTAP mobility portal and partnering database were launched in order to aid and facilitate SA – European partnering and networking, and enhanced SA participation in the Framework Programmes.
  - The hosting of a successful Young Scientist Competition.
  - An updated, interactive and easy-to-use website designed to share a plethora of information regarding all aspect of the project and its activities which is aimed at the S&T research community.
  - Regularly published e-communiqués and weekly alerts, which constantly update the community while ensuring that the opportunities for engagement in the Framework Programme were and still are (ESASTAP 2) regularly promoted.

- Various brochures, posters and other promotional materials were prepared and distributed to highlight the role of ESASTAP as well as showcase FP6 projects and other EU - SA participation.
- Exhibiting at various international and national conferences.
- ***Targeted initiatives facilitating the joint identification of S&T priorities for enhanced cooperation:***
  - Provided inputs to the European Commission Expert Group on the Future of INCO.
  - Introducing ESASTAP to the NePAD S&T desk.
  - Hosted a South Africa Science Day in Brussels on 26 April 2007.
  - Presented and facilitated presentations at the Dimension of the Europe of Knowledge: A Common Interest to Europe and to the World Conference, the Conference on Social Sciences and the Humanities in Europe: New Challenges, New Opportunities, and the e-Government research agenda of the future FP7.
  - Hosted the European Commission's Director-General Dr Achilleas Mitsos during a visit to South Africa.

The objectives, activities, deliverables and milestones for the ESASTAP project were met. In limited cases, due to the late initiation of ESASTAP and the subsequent closure of FP6, deviations were required and corrective actions were consequently taken. With the launch of ESASTAP 2, these activities were sufficiently and effectively addressed.

### **3. FINAL ACTIVITY REPORT**

#### **3.1 Project objectives**

The overall aim of the European – South African Science and Technology Advancement Programme (ESASTAP) is the formation of a dedicated platform for the advancement of European Union (EU) – South African (SA) scientific and technological (S&T) cooperation.

ESASTAP was established with these primary objectives:

- Promoting and enhancing bilateral and multilateral S&T cooperation between SA and the EU at Community and individual member state levels
- Advancing S&T through developing, improving and supporting S&T networks and partnerships between EU and SA scientists and institutions
- Deriving benefit for the people of the participating countries through identifying and addressing S&T priorities that provide opportunities for increased economic growth, and improved quality of life

The work plan to achieve these goals and activities involved 5 work packages (WP), with each WP comprising several tasks. WP1 provided for the establishment and subsequent monitoring and assessment of ESASTAP. WP2, 3, and 4 comprised the major activities associated with the ESASTAP's functioning, viz. WP2 seeks to showcasing science excellence and fostering networking and partnerships; WP3 addressed the enhancement of SA participation in FP6, and WP4 involved the support and enhancement of cooperation. WP5 co-ordinated the activities of the whole project. WP's 1 to 4 comprised primarily support activities, while WP5 involved the management activities of the project.

### **3.2 Major achievements during the full reporting period**

Many of the keystones for the project's success were laid during the first year of implementation. The activities conducted during the second year of ESASTAP have been mostly to support and develop the groundwork established in the first period. All the achievements are reflected in the Year 1 and Year 2 Activity Reports. However, some of the achievements are worth mentioning due to their particular importance to the goals of ESASTAP. They are:

- ESASTAP's formal SA launch took place in Pretoria on the 28<sup>th</sup> June 2005. Smaller launches were held in the other 8 provinces of SA. These events particularly offered a unique first time opportunity to present the Framework Programme to those who were not familiar with the initiative.
- ESASTAP was also formally launched in Brussels, Belgium on the 14<sup>th</sup> July 2005, with the event, attended by representatives from the various EU member states. Dr András Siegler, Director of International Scientific Cooperation at the Directorate-General for Research and Technological Development (DG RTD) lauded ESASTAP as a model program whereby countries across the world can promote international collaboration. One of the most important, expectations in that ESASTAP would boost SA participation in FP7, were met. SA participate in more than 18 FP7 projects.
- One of the successes achieved was ESASTAP's exhibit at the 2005 European Commission's Directorate-General for Research "Communicating European Research" conference. The conference provided an opportunity for ESASTAP to highlight various aspects of SA – EU partnerships, and some of ESASTAP's activities. The ESASTAP stand was well-attended, and feedback was generally highly positive.
- ESASTAP has developed several systems to aid and facilitate SA – European partnering and networking, and enhanced SA participation in the Framework Programmes. The ESASTAP mobility portal and partnering database were launched; ESASTAP regularly publishes e-communiqués, thus constantly updating the community and ensuring that the community keeps the opportunities for engagement in the Framework Programme forefront in their minds. ESASTAP has also published various brochures, posters, CDs etc.; hosted a Young Scientist Competition, and exhibited at several international and national conferences, actions that all serve to highlight SA S&T excellence, and market the opportunities for SA participation in the Framework Programme.

- ESASTAP supported the Coeur4L workshops, as well as a seminar at INSITE 2006 where Framework Programme “support platform” projects were highlighted. ESASTAP also exhibited at Bio2Biz, the annual biotechnology forum for South Africa, supported by the country's leading biotechnology businesses and organisations. ESASTAP also provided opportunities for SA researchers to access seed funding. This funding supported the travel costs of SA researchers travelling to Europe to engage with potential European partners regarding collaboration. Alternatively funding was granted to support the travel of European researchers to South Africa.
- ESASTAP endeavoured to grow the networks between European and (Southern) African scientists, with various awareness information sessions having taken place with SADC and NePAD representatives. In this regard, ESASTAP provided support in the development of the “Science and Technology Europe Africa Project (ST-EAP)” proposal, and work closely with the ST-EAP team to promote partnerships between African and European scientists.
- South Africa Science & Technology Day in Brussels - this meeting, presented by the South African Department of Science and Technology was a unique opportunity to gain a comprehensive perspective of the exciting world of science and technology activities in South Africa, to facilitate meetings between South African R&D experts and to create a platform for discussions and opportunities for knowledge and innovation partnerships between Europe and South Africa.
- A bio-economy event held on the sidelines of Biovision which resulted in a SA-EU joint communiqué.
- A revised version of the website was released and received favourable review – this has proven to be an invaluable asset that speaks to the success of this project.
- The French South African Chamber of Commerce and Industry and South Africa, in partnership with the DST Top 100, hosted a Public Innovation 2010 Seminar during the latter part of 2006, which focussed on S&T and innovation collaboration opportunities between France and SA.
- Launch of NCPs for Framework Programme 7 – SA was one of the first third countries to host an extensive National Contact Point (NCP) network. ESASTAP 2, flowing from ESASTAP1, still provides considerable support to this network, and also harnesses the expertise and networks of both the SA and European NCPs to promote greater cooperation and collaboration between the research communities.
- ESASTAP organised the International Aerospace Symposium 2007 on behalf of the DST. The symposium hosted keynotes by several leading international and national aerospace science and technology experts and senior representatives from the European Commission Directorate for Aeronautics Research Technology and Development. The symposium was insightful, and presented a holistic picture of the aerospace “environment” in the world in general and in South Africa.



- Hosting of the SA-EU Science and Technology Agreement 10 year anniversary celebration in November 2007. The celebration was meant to recognise ten years of mutually beneficial co-operation since the entry into force of the SA-EU S&T co-operation agreement in November 1997; both Minister Mangena and Commissioner Potocnik acknowledged that the Science and Technology partnership constitutes a powerful force in advancing multilateral efforts to address shared global challenges such as sustainable development.
- Dr Hogan, Head of Unit: Horizontal Aspects and Coordination in the Health Directorate of the European Commission's Directorate General for Research was hosted in several SA provinces by ESASTAP during Year 2; his programme included various workshops on the second EU FP7 Health.
- A South Africa and the Czech Republic joint workshop was also held; aimed at developing ideas for joint proposals for FP7-priority Food, Agriculture and Biotechnology.
- Dr Line Matthiessen on a follow-up workshop on Bio-economy held on the sidelines of Bio2Biz, a South African annual biotechnology forum, supported by the country's leading biotechnology businesses and organisations.
- ESASTAP 2, a continuation on ESASTAP 1 started during the second half of 2008.

The importance of the SA-EU relationship, as well as the strategic role that ESASTAP played in advancing S&T partnerships between SA and the EU was affirmed at the Sixth Meeting of the EU - SA Joint Science and Technology Cooperation Committee (JSTCC) held in Brussels in April 2007. This meeting, co-chaired by Mrs Mary Minch, the Director: International Scientific Cooperation for the EC's Directorate-General Research, and Mr Dhesigen Naidoo, SA's DST Deputy Director-General: International Cooperation and Resources was convened under the SA-EU Agreement on Cooperation in Science and Technology. The JSTCC is tasked with reviewing collaboration progress between the two parties, including SA participation in the Framework Programmes, sharing new developments in science and technology policy matters and devising strategies for enhancing future collaboration. *"The sixth JSTCC meeting reconfirmed the strategic and very positive nature of the SA-EU S&T Partnership. ... expressed their satisfaction with the progress achieved during the past two years in promoting collaboration, noting a number of important successes being registered"*. The JSTCC specifically reviewed the progress achieved by ESASTAP and recognised that ESASTAP has been central to promoting SA's FP6 success and preparing for FP7.

### **3.3 Work package progress for the period**

Work package (WP) 1 provided for the establishment and subsequent monitoring and assessment of ESASTAP. WP2, 3, and 4 comprised the major activities associated with the ESASTAP's functioning, i.e. WP2 sought to showcasing science excellence and foster network and partnership; WP3 addressed the enhancement of SA participation in FP6, and WP4 involved the support and enhancement of cooperation relationships. WP5 co-ordinated the activities of the whole project. WPs 1-4 comprised primarily support activities, while WP5 involved the management activities of the project.

The narrative below speaks to the broader actions / activities carried out for each of the work packages and associated tasks, in addressing the respective objectives. Greater detail with respect to the specific event actions and the work package deliverables is provided in various annexures as indicated, as well as the Activity reports of Year 1 and Year2. It should be noted that there has been no differentiation made between the actions / activities carried out by the CSIR and the DST. This is due to the fact that the participants from the two organisations worked as an integrated unit, and in the majority of cases, were jointly responsible for / involved in carrying out the various tasks and activities of the ESASTAP project.

### **3.3.1 WP1: Establishment of ESASTAP**

#### **(a) Project objectives**

- Introduction of ESASTAP concept to research communities
- Interaction with research communities to determine suitability of proposed services
- Joint prioritisation of services and activities for ESASTAP
- Establishment of ESASTAP's based on sound business principles, with measurable and verifiable key performance indicators

#### **(b) Progress towards objectives**

This work package focussed on firstly establishing ESASTAP and finally measuring its impact. During the first year of the project, the activities centred on consulting throughout the SA and European research communities regarding how ESASTAP should be set-up and what it should offer. A main output of these activities was the ESASTAP website with associated databases. Task 1.1 (formal launch of ESASTAP) was completed during the first year.

Task 1.2 (ESASTAP business plan), as indicated in the Year 1 report, was not complete at the time as its development was not as easy as envisaged; this was partially due to the fact that there were limited FP6 open calls, and that the needs of the community to some extent, remained "undefined." Nonetheless, the action and activities of the project were primarily governed by the project plan, and ESASTAP activities were largely implemented in deference to the community's needs.

The final task (1.3) of this work package has been to evaluate the impact of ESASTAP's success and sustainability. Members of the SA science and technology community have been invited to participate in the survey. The survey was divided into two phases. The first phase was an electronic questionnaire (Annexure 1) which was followed by focused interviews and workshops. The electronic survey process closed on 18 December 2007. The outcome of the impact assessment shed some light on the optimal structure of ESASTAP. This task was completed in March 2008. The outcome of the survey was communicated to stakeholders and published on the ESASTAP website.

### **3.3.2 WP2: Showcasing science excellence and network and partnership fostering**

#### **(a) Project objectives**

- Develop and support initiatives aimed at showcasing the excellence and innovation of SA science, and reciprocally S&T activities of individual EU member states
- Foster the development of S&T networks and partnerships
- Highlight suitable funding sources that may be leveraged to support and optimise networking and partnering opportunities, as well as enhance funders' appreciation of technology programmes and opportunities in SADC and NePAD
- Facilitate networking and partnering of private sector organisations and SMEs through targeted interventions

**(b) Progress towards objectives**

Task 2.1 (showcasing science excellence) has been achieved. The website has been successfully created and is continually being updated and upgraded to meet the needs of the S&T community, even under ESASTAP 2. A revised version of the website was released and has met with favourable review. It should be noted that the ESASTAP website is intended to complement currently existing initiatives such as Cordis and EUROPA and not replace these; consequently links to information existing on other websites were integral to the design of the ESASTAP website.

An “Innovative South Africa” conference was hosted in Brussels (see details in Year 1 Activity Report). Various showcasing events have also taken place in the form of presentations, conferences, workshops and symposiums: (i) a Security Research and Innovation presentation was made in Brussels featuring SA expertise and knowledge in this arena, (ii) ESASTAP exhibited at the annual biotechnology forum aimed at attracting the business community to the biotechnology industry – specifically hosting a meeting on “Knowledge Based Bio-Economy Partnerships for Sustainable Development”, (iii) the SIMBA SA National Event, held in Pretoria, discussed the results from the Priority Workshop held in December 2006 in Stellenbosch and in July 2007 in Pretoria- various ITS topics were covered including public transport, traffic monitoring and management, city planning, environment and the 2010 World Cup; specific automotive topics discussed included recycling processes, flex fuel and collision avoidance; infrastructure topics included safety, security, maintenance, congestion and materials - the event was aimed at creating joint EU-SA expert working groups, project proposals and joint road transport research roadmaps, (iv) an International Aerospace Symposium took place in South Africa - the symposium presented international expertise on a range of applicable technologies in one forum and focussed on building sustainable local and international collaborations in the context of the EU, to name but a few.

Regarding the subtask focused on mapping SA S&T expertise and produce promotional and communication material; this has been primarily achieved through the production of various brochures highlighting SA researcher participation in FP6 and SA S&T excellence together with several exhibitions, held both nationally and internationally, and also through the hosting of several workshops and conferences. Several new categories of brochures and promotional material have been published during Year 2 reporting period as well as the continued updating of existing material.

The development of a comprehensive S&T catalogue for SA covering all the Framework Programme Thematic Priorities was a major task.

The intended SA S&T catalogue has had to be discontinued as no further progress could be made in contacting the resource persons despite the considerable efforts made to gather the necessary information as was mentioned in the Year 1 Activity Report. Links to the various organisation and institutions that have been contacted were posted onto the ESASTAP website as a source of information on this aspect as most have websites or databases where this information can be sourced. A list of these entities has been included in Annexure 2.

Furthermore, the S&T community's response to the partnering database has been poor, however this was part of the upgrading process of the website and aspects are continually being added or modified to suit the needs of the research community in the ESASTAP 2 project. ESASTAP has been making use of European networks to facilitate partnerships for specific FP7 calls through the ESASTAP community website. Through this mechanism, potential partners details whether South African or European are published on the ESASTAP website.

Activities undertaken towards Task 2.2, i.e. fostering networks and partnerships, have included: (i) thematic workshops, (ii) national and international meetings / workshops / conferences with country representatives, research organisations, industry players, public sector involved, (iii) hosting the "South Africa Science Day Conference" in 2007, which promoted innovation developments in SA, and provided a platform for developing dialogue between SA and European partners, and furthermore (v) an extensive National Contact Point (NCP) network to which ESASTAP provides considerable support, and also harnesses the expertise and networks of both the SA and European NCP to promote greater cooperation and collaboration between the research communities. Some of these are discussed as part of the showcasing events; however details can be seen in Annexure 8.

Perhaps one of the more challenging of these activities has been the promotion of the Marie Curie mobility instruments. On inception of ESASTAP, there was limited opportunity under FP6 for promoting the mobility instrument, but a concerted effort is being made to promote the FP7 Marie Curie calls. A SA FP7 Mobility NCP has been appointed to guide the community in accessing the mobility instruments. In addition, a mobility portal has been created as part of the ESASTAP website. The DST promoted the International Research Staff Exchange Scheme (IRSES), through a national plan. The plan included provincial road shows to inform researchers about the IRSES modalities and opportunities. The road shows were targeted at universities, science councils, universities of technology and SMEs nationally.

### **3.3.3 WP3: Enhancement of SA participation in FP6**

#### **(a) *Project objectives***

- Achieve greater SA awareness of and participation in the thematic priorities and INCO activities of FP
- Optimise leveraging of existing DST instruments
- Encourage greater participation of SA private sector and promote SMEs in FP6 and EU private sector and SMEs access to S&T expertise in SA
- Improve the technical advice and assistance available to SA FP participants
- Promotion of SA evaluators in FP6
- Promotion of participation in EU technology platforms

- Undertake qualitative analysis of SA's FP participation to complement EC reports and statistics
- Co-ordinate SA / SADC / NePAD responses to EU / EC special initiatives and to FP7

**(b) Progress towards objectives**

During Year 2 of this project, the activities regarding this work package focused primarily on enhancing SA participation in FP7. Hence, Task 3.1 centred on initiatives promoting greater SA participation in the Framework Programmes and FP7 briefing sessions and various specialist workshops were held. The networking and partnership interactions required for success participation in EU consortia were supported by activities in WP2; these included fostering SA participation in the FP7 amongst the EU S&T community, by means of hosting of targeted S&T initiatives in EU member states and in Brussels. Some of these briefing sessions and specialist workshops included (a more detailed list can be viewed in Annexure 8): (i) various FP7 information sessions held throughout SA focussed on the specific EU thematic areas, (ii) the FP7 Challenge where ESASTAP participated in support of Challenge 7, (iii) the EuroAfrica-ICT Awareness Workshop - ESASTAP supported this event aimed at connecting sub-Saharan African and European organisations for ICT partnerships in the framework of the FP7 and to develop scientific and technological cooperation between the two regions, (iv) the International Aerospace Symposium - in the context of SA government's movement to consolidate R&D programs, as well as alignment of various aerospace programmes, (v) the IST Conference 2007 in Mozambique - ESASTAP took part in the EU's annual IST conference, exhibition and networking event focused on European policies in Information Society Technologies, (vi) the SIMBA SA National Event –aimed at creating joint EU-South Africa expert working groups, project proposals and joint road transport research roadmaps, and (vii) the EURO AFRICA START Workshop held in Botswana, Gaborone, (viii) EU FP7 Workshop to name but a few.

Year one saw the introduction of NCP's appointed by DST for specific areas. A list of all the NCP's as well as a brochure which is displayed at all events are attached in Annexure 3. The NCP networks have been hosted on the ESASTAP website, and to further support this initiative, the FP7 National Contact Points and their assistants for South Africa were officially introduced to the research communities at a targeted function.

Local private sector organisations, the SA Department of Trade and Industry, GODISA, its associated incubators and other SME support organisations were also targeted to assist in enhancing SME participation in the FPs. Information has been made available; a list of SME linkages is available on the website.

A brochure on the SA success stories and case studies has formed an integral part of Task 3.2. The level of FP participation has been assessed in consultation with various stakeholders and this information has been incorporated into the ESASTAP website and into other promotional material (Annexure 4).

As part of Task 3.3 (facilitation of funding instruments for SA participation) seed funding proposal applications for preparatory initiatives for participation in FP submissions have been screened and funded as appropriate (Annexure 5). As opportunities for FP6 were limited, many of ESASTAP's endeavours have been focussed on the new FP7 call. Applications made for matching funding for existing FP6 and FP6 top-up projects were also evaluated and

recommendations provided to DST regarding the outcome of the evaluation and the level of funding that should be made in order to optimise leveraging of existing DST funding instruments for FP participation (Annexure 6).

As indicated in the Year 1 Activity report, ESASTAP was able to conduct limited SADC and NePAD “country-specific” interventions. On reflection, these extensive interactions are to some extent beyond the scope of the ESASTAP initiative. However the project has engaged in several initiatives to enhance cooperation of developing countries in Africa and the EU in order to increase Southern African participation in the Framework programme.

ESASTAP and Framework Programme presentations were made to representatives from SADC, NePAD and WAITRO during the first year of ESASTAP. Since March 2007, ESASTAP has in all events promoted the Science and Technology Europe Africa Project (ST-EAP) initiative aimed at growing awareness of FP in the African continent. A major achievement in this regard was ESASTAP’s assistance in the establishing of the project, a working relationship with the consortium partners and making the necessary linkages to ESASTAP. In a short time, through its participation in a number of information sessions and workshops in collaboration with ESASTAP, ST-EAP has been successful in heightening the awareness of the European Science and Technology co-operative instruments that support the creation of African/European consortia.

### **3.3.4 WP4: Support and enhancement of cooperation relationships**

#### **(a) Project objectives**

- Create and maintain systems and fora for promoting increased awareness and utilisation by both SA and EU countries of existing and future S&T cooperative initiatives
- Targeted marketing exercises relating to opportunities for mutually beneficial research collaborations provided for by the cooperation agreements
- Contribute to EU-SA bilateral S&T policy dialogue
- Contribute to joint EU-SA priority setting exercises
- Develop targeted S&T collaborative initiatives with individual member states with existing S&T cooperation agreements and those member states that have been allocated SA priority status for cooperation development
- Identify opportunities to initiate and broaden cooperation to the EU member states with which SA has no current cooperation agreement
- Provide support to DST and institutions performing their own best practice studies and to individuals attending relevant symposia in SA or Europe
- Promote EU engagement with the NEPAD S&T Programme of Action

#### **(b) Progress towards objectives**

ESASTAP has determined the current status of bilateral S&T agreements. As part of Task 4.1 a database of cooperation agreements and priorities is being maintained on the ESASTAP website.

ESASTAP has contributed to several initiatives directed at establishing S&T priorities, and in support of policy dialogue (Task 4.2). The promotion of EU engagement with ACP, NePAD

and SADC members (Task 4.4) has been discussed in the Year 1's Activity Report. Furthermore, policy dialogue has been mainstreamed as part of ACP S&T Capacity-Building Programme launched in April 2007 with South Africa's participation. South Africa has also played a leading part in preparation of Africa INCO-Net FP7 which didl expand this dialogue further. As a result, South Africa was a member of the consortium and led one of the work packages in the Network for the Coordination and Advancement of sub-Saharan Africa-EU Science & Technology Cooperation (CAAST-NET), a project that established a platform to promote improved cooperation in science and technology between Europe and Sub-Saharan Africa. The project was officially launched in February 2008 in Nairobi.

ESASTAP has also engaged with various players with a view to sharing of best practices which has primarily been with regard to establishing and maintaining healthy and useful network of NCPs. Information has been gathered via the NCPs, IGLOs and the EU and a summary report on these findings is included as Annexure 7. ESASTAP will continue to support initiatives by SA institutions to conduct best practice exercises and will assist in dissemination of the outcomes both within SA and the EU. ESASTAP has for example facilitated South Africa's participation in Net4Society, an FP7 project aimed at transnational cooperation amongst National Contact Points for Socio-Economic Sciences and Humanities, INCONTACT, a project aimed at reinforcing National Contact Points network under the activities of international coordination.

### **3.3.5 WP5: Project management**

#### **(a) Project objectives**

- Manage ESASTAP such that all contractual deliverables are met on time by all participants
- Manage overall financial issues, including facilitation of audits by the EC, justification of management costs, provision of financial statements, payments of money to participants
- To manage project legal issues
- To manage political issues, viz. gender and transformation aspects
- Manage and ensure regular and quality communication between participants to facilitate knowledge sharing; integration of all efforts; resolution of conflicts; gender and transformation issues, and WP progress

#### **(b) Progress towards objectives**

Project co-ordination has continued as planned despite the loss and movement of various key personnel, which has continued into Year 2 of the project. The ESASTAP team has continued to meet on a weekly basis, where activities and progress were reviewed. Dr Arendse has been reallocated and Mr Mmboneni Muofhe has assumed this role of responsibility. Dr Geoff Meese, our invaluable NCP in the area of Food and Agricultural Biotechnology has retired. Several of the CSIR team members have also been reassigned or have reallocated to new employment opportunities and hence the capacity of the remaining team near to the end of the project has been considerably stretched. The ESASTAP team continue to provide inputs as necessary.

The CSIR was predominantly responsible for administration of all funds available to ESASTAP (both EU and DST); although DST also provides additional self-funding for certain

initiatives. It should be noted that no transfer of EU funds was made by the CSIR to the DST. This was as per the request of the DST. Instead all costs accumulated by the DST were paid by the CSIR from the EU funds allocated to the DST.

Gender and transformation promotion forms an integral part of the establishment of the NCP network, and awarding of strategic co-funding grants. On the former, 50% of the NCPs are women. With regards to seed and co-investment funding, although the demand was high, there was no need to prioritise since adequate resources were available.

Submission of the Year 1 reports was delayed. Draft documents of the activity report and the cost statement were provided on the due dates but could only be finalised in the later months due to the various approval process that were required by CSIR and the DST. Furthermore the key project participants that had been involved during this period were no longer part of the project but still had to be consulted for their critical inputs. Submission of the Year 2 reports was delayed due to the loss of critical staff on the project. The financial reports was handed in, but were misplaced.

The report on the distribution of the community's contribution also took longer than expected to resolve as some issues had to be clarified with the EU regarding the distribution of the DST's portion of the funds. As per the request of the DST, no transfer of EU funds was made by the CSIR to the DST; instead all costs accumulated by the DST were paid by the CSIR from the EU funds allocated to the DST. This matter has now been resolved with the EU.

### **3.4 List of project deliverables**

Annexure 8 summarises the various project activities (presentations, conferences, meetings and workshops) held both locally and internationally for the second reporting period of this project.

Annexure 9 provides details on the various deliverables for both years of the project as many of these are inextricably linked to each other.



### 3.5 List of project milestones

The table below presents the project milestones and the status of the associated milestones.

<b>WORK PACKAGE MILESTONES</b>	<b>STATUS</b>
<b>WP1: Establishment of ESASTAP</b>	
M1.1: Prioritisation of inputs from research community.	Achieved. Ongoing inputs allows for adaptation to meet changing needs of community.
M1.2: ESASTAP's activities and prioritisation (business planning activities) based on impacts assessment.	Achieved.
M1.3: ESASTAP as a sustainable structure.	Achieved. ESASTAP 2 continuing and is very active.
<b>WP2: Showcasing science excellence and network and partnership fostering</b>	
M2.1: Content of information for SA's S&T catalogue (depth and breadth of information)	Partly achieved. The intended catalogue has had to be placed on hold as no further progress could be made in contacting the resource persons despite the considerable efforts made to gather the necessary information as was mentioned in the Year 1 activity report. Initial brochures promoting various SA expertise and where SA researchers have successfully accessed FP funding have been produced.
M2.2: Content and layout of promotional material	Achieved. ESASTAP logo designed and brand established. Various brochures, posters, banners <i>etc.</i> produced.
M2.2: Website and database design, operation and "look-feel" factors (ease-of-use)	Achieved. Versions 1 and 2 of website launched; version 1 of partnering database and mobility portals launched.
M2.3: Events management for Brussels conference	Achieved. Launch event, attendance of various workshops have all been hosted in Brussels, with the ESASTAP team successfully undertaking planning and logistics for the events.
<b>WP3: Enhancement of SA participation in FP6</b>	
M3.1: Content and layout of SA participation brochure	Achieved. Brochure highlighting SA participation in FP6 produced for the various thematic areas.
M3.2: Award to successful seed funding applicants	Achieved. In excess of 18 awards have been awarded. Access by the greater research community is being promoted.
M3.3: Recommendations to DST for Matching Funds	Achieved on a needs basis. Several co-funding grants awarded by DST, with ESASTAP team inputs as required.
M3.4: Sub-contracting of project preparation workshops	Achieved. Details in Annexure 8.
M3.5: Level of activity in EU Technology Platforms initiatives	Achieved. Information relating to platforms widely disseminated and uptake has been made by several organisations as part of strategic planning. Reference as part of proposal preparation will be encouraged for FP7 submissions.

<b>WORK PACKAGE MILESTONES</b>	<b>STATUS</b>
<b>WP4: Support and enhancement of cooperation relationships</b>	
M4.1: Source detailed information on status of current and envisaged S&T agreements	Achieved. Table of agreements compiled.
M4.2: Prioritise and focus on a limited number of countries with S&T agreements for collaboration development	Achieved. Details in Annexure 8.
M4.3: Prioritise and focus on a limited number of countries with no current S&T agreements for collaboration development	Achieved. Details in Annexure 8.
M4.4: Determine upcoming relevant best practice activities and select key ones for participation	Achieved. Details in Annexure 7.
M4.5: Determine appropriate links for South African Development Community (SADC)/New Partnership for Africa's Development (NePAD) within the EU and support dialogue	Achieved. ESASTAP team members in positive contact with key players. Furthermore, policy dialogue has been mainstreamed as part of ACP S&T Capacity-Building Programme launched in April 2007 with SA participation. SA has also played a leading part in preparation of Africa INCO-Net FP7 which expanded the dialogue further.
<b>WP5: Project management</b>	
M5.1: Regular Project Meetings	Achieved. Weekly feedback / planning meetings held with ESASTAP team members.
M5.2: Delivery of Financial statements and final financial report	Achieved – reports submitted in March 2008.
M5.3: Delivery of project reports (yearly, half yearly and final)	Achieved – reports submitted. The Year 2 management report, Final management report and Final Activity report was handed in late.

### **3.6 Consortium management**

Note that consortium management details are also addressed under Section 3.3.5, WP5: Project management.

#### **3.6.1 Project coordination**

Project co-ordination has been satisfactorily achieved, with the DST taking primary responsibility for the ESASTAP project activities outlined in WP 1, 2 and 3. The DST also played a key role in the execution of the WP 4 activities. The CSIR was mostly responsible for the general and financial administrative functions associated with the project, as well as preparation of most of the promotional material. It should be noted, however, that there has been no differentiation made between the actions / activities carried out by the CSIR and the DST. This is due to the fact that the participants from the two organisations worked as an integrated unit, and in the majority of cases, were jointly responsible for / involved in carrying out the various tasks and activities of the ESASTAP project. The ESASTAP team representatives resident in Brussels were and are still important to the team as they maintain the project's profile within the European community and the Commission, and also provide vital feedback and "intelligence" to the team members in South Africa. The Brussels team are also required in some instances to interface with EC representatives / project co-ordinators / consortium members *etc.* on behalf of members of the South African S&T community.

Project administration and financial management duties have been maintained. It should be noted that as per request of the DST, no transfer of EU funds was made by the CSIR to the DST; instead all costs accumulated by the DST were paid by the CSIR from the EU funds allocated to the DST. Project outputs and outcomes are highlighted as part of the regular national and internal ESASTAP seminars, and are also profiled on the ESASTAP website. Gender and transformation promotion forms an integral part of the establishment of the NCP network, and awarding of strategic co-funding grants.

#### **3.6.2 Project participants**

The project participants from each of the organisations in the project have been mentioned below:

- Main project team: Dr Neville Arendse (DST), Mr Daan du Toit (DST), Dr Geoff Meese (CSIR), Ms Cristina Pinto (CSIR), Mr Mmboneni Muofhe (DST), Ms Mamohloding Tlhagale (DST), Ms Anneline Morgan (DST), Ms Mabatho Mphomane (DST), Ms Nomkhosi Mvubelo (CSIR), Ms. Ntombizethu Mkhondo (CSIR), Dr Blessed Okole (CSIR), Dr Siya Ntutela (CSIR), Mrs Sonia Brooks (CSIR), Mr Buddy Dzhivhuho (DST), Mrs Lebo Ramela (DST), Ms Khanyisa Matiwane (DST).
- International representatives: Dr Mandi Mzimba (DST), Ms Francoise Dassy (DST), Mr Lyle Davidson (DST); Mr du Toit has since joined the Brussels team when Dr Mzimba moved on.
- Communication and marketing: Mrs Alida Britz (CSIR), Ms Marina Joubert (DST),

- Financial support: Mrs Pauline Potgieter (CSIR), Mr Vikash Deonarain (CSIR), Mrs Wilma Vermeulen (CSIR), Mrs Helena Heystek (CSIR),
- Website and IT support: Ms Vene Muskett (DST), Mr Karel Matthee (CSIR), Mr Thomas Fogwill (CSIR)
- Administrative and human resources support: Ms Queen Kgabo (CSIR), Mrs Michelle Groenewald (CSIR)

Where required, individuals were contracted to perform necessary tasks not within the skill capacity of the project team, for example the website management, photography and graphic design. As can be seen by the number of people involved, the project team has varied considerably during the lifetime of the project. This has been necessary for various reasons. In most cases different skills were needed but mostly many of the people moved onto new positions and new roles during the project execution. Some of the people who have moved on during the project are: Dr Arendse, Dr Meese, Mrs Brooks, Ms Pinto, Dr Okole, Mrs Potgieter, Mr Deonarain, and Mrs Vermeulen. Administrative issues and reports might have been delayed, but this has not affected the success of the project negatively despite the necessary adjustment/ handover time each time a resource was replaced.

A key component of the team was the NCP network and during this reporting period a group of new NCPs as well as assistants, were selected and appointed in line with the new thematic areas of FP7.

In addition, the Brussels office of the Senior S&T Representative in Europe, also continued to interact and contribute to the project through various activities, especially those held internationally.

### **3.6.3 Project meetings**

Effective communication between the main project team and other role players has been an important priority during this project. The ESASTAP team has continued to meet on a weekly basis, where activities and progress were reviewed and new actions, decisions were decided upon. Notes of these sessions were kept in order to maintain the necessary control over the numerous and varied activities that were on the go at any one time. The project deliverables, the associated progress, corrective action if necessary and responsibility have been reviewed weekly as well.

The NCP network meets on a quarterly basis, with other ESASTAP members attending these meetings. Regular communication is, however, maintained with the network via means of e-mail and more regular meetings with individual NCPs.

## **4. CONCLUSION**

The project has generally met all the necessary objectives, activities, deliverables and milestones as outlined in Annex 1 for the ESASTAP project. Overall the project has achieved the goals it set out to meet, which was to (i) establish, monitor and assess the project, (ii)

showcase the excellence and innovation of SA science and also S&T activities of individual EU member states, as well as to foster the development of S&T networks and partnerships, (iii) promote greater SA participation in the activities of the Framework Programmes, (iv) create and maintain systems and fora promoting increased awareness and utilisation by both SA and EU countries of existing and future S&T cooperative initiatives, and (v) develop targeted initiatives that facilitate the SA and the EU to jointly identify S&T priorities for enhancing cooperation.

The project did not stop in November 2007, but continued with an impact assessment during Dec 2007 to March 2008 (Annexure1), as well as other initiatives to promote ESASTAP and updating the website. This culminated in the establishment of an ESASTAP 2 project late in 2008. The funding continuation of ESASTAP 2 could be viewed as one of the major successes of the project.

# Annexure 1: Snapshot of electronic impact assessment questionnaire and cover letter addressing the R&D research community

The full questionnaire can be viewed at <http://www.esastap.org/esastap/survey/>.





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of Science and Technology  
REPUBLIC OF SOUTH AFRICA

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Summers, PRETORIA, 0154. Tel: +27 12 843 8300, Fax: +27 12 349 1000

4 December 2007

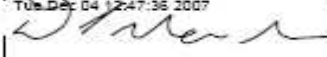
Dear Colleague,

South Africa has traditionally been engaged in international collaboration in research, science and technology. The establishment of democracy and universal suffrage in South Africa in 1994 has seen an exponential increase in further opportunities for collaboration. In response to this in line with our vision to 'facilitate a net inflow of knowledge and resources into South Africa', government through the DST has set up a set of support instruments and mechanisms to assist South African institutions and individual practitioners to engage in international collaboration and where appropriate compete for international funds. Many of these instruments and mechanisms are administered by the NRF under the banner of the Science and Technology Agreements Fund (STAF) while the major EU Framework support instrument the ESASTAP (EU-SA S&T Advancement Programme) is currently project managed by the CSIR. The DST manages the co-funding instruments directly.

These instruments have now been in operation for a few years and the ESASTAP 1 is coming to an end. This has presented itself as a useful review point for all the support instruments and mechanisms for international collaboration. We are inviting you as a senior member of the South African Research, Science and Technology community to participate in this survey. The survey is divided into two phases. The first is this electronic questionnaire which will be followed by focused interviews with a set of thought leaders in the system. I strongly urge you to complete the electronic questionnaire and indicate your availability to participate in the interview phase.

Warm Regards

Dhesigen  
Thu Dec 04 12:47:36 2007  
Naidoo



**MR DHESIGEN NAIDOO**  
GROUP EXECUTIVE: INTERNATIONAL COOPERATION AND RESOURCES

Letig'he le Sechaba le Theknoloji - Umyaleyo wezokwaziyeziwele le Theknoloji - Mafaniso oha Sakhela ne Theknoloji - Department van Wetenskap en  
Tegnologie - Kigco ya Sechaba le Theknoloji - Nkwanakhe ya Sayensi ne Theknoloji - LITSOko le Tshepeziwele le Theknoloji - Okahe Isicelakaleni  
le Theknoloji - Umyaleyo wezokwaziyeziwele le Theknoloji

**Batho Pele - putting people first**

## Annexure 2: Contacts for S&T catalogue

ORGANISATION	LINKS
<b>WAYS (World Academy of Young Scientists)</b>	<a href="http://www.waysnet.org">www.waysnet.org</a>
<b>ICSU (International Council for Science)</b> ; links to AAU:Association of African Universities	<a href="http://www.icsu.org">www.icsu.org</a> <a href="http://www.aau.org">www.aau.org</a>
<b>NRF (National Research Foundation)</b> - links to <b>NEXUS</b> -database system & research networking, to various universities and Rated Scientists	<a href="http://www.nrf.ac.za/databases">www.nrf.ac.za/databases</a> <a href="http://www.stardata.nrf.ac.za">www.stardata.nrf.ac.za</a> <a href="http://www.nrf.ac.za/links/universities.stm">www.nrf.ac.za/links/universities.stm</a>
<b>SMEs:</b> <ul style="list-style-type: none"> <li>• <b>BRICS (Biotechnology Regional Innovation Centres):</b> <ul style="list-style-type: none"> <li>- <b>Cape Biotech</b> has links to various Biotechnology &amp; Pharmaceutical companies</li> <li>-<b>BioPAD:</b> Focus on animal health and industry related biotechnology</li> <li>-<b>EcoBio:</b> Focus on human health and industry related biotechnology</li> <li>-<b>PlantBio:</b> Focus on plants</li> </ul> </li> <li>• <b>The Innovation Hub</b> - links to their knowledge partners</li> <li>• <b>*WISA (Water Institute of Southern Africa)</b> - links to their patron members</li> </ul>	<a href="http://www.pub.ac.za/links/brics">www.pub.ac.za/links/brics</a> <a href="http://www.capebiotech.co.za">www.capebiotech.co.za</a> <a href="http://www.biopad.org.za">www.biopad.org.za</a> <a href="http://www.lifelab.co.za">www.lifelab.co.za</a> <a href="http://www.plantbio.org.za">www.plantbio.org.za</a> <a href="http://www.theinnovationhub.com/know_partners.cfm">www.theinnovationhub.com/know_partners.cfm</a> <a href="http://www.wisa.org.za">www.wisa.org.za</a>
<b>ASSAf (Academy of Science of South Africa)</b> - links to their membership list	<a href="http://www.assaf.org.za/www.assaf.co.za">www.assaf.org.za/www.assaf.co.za</a>
<b>SAAFOST (SA Association for Food Scientist &amp; Technologists)</b> - links to their professional consultants	<a href="http://www.saafofost.org.za/library/professionalconsultants/">www.saafofost.org.za/library/professionalconsultants/</a>
<b>CAD (Contemporary Africa Database)</b> - links to SA Humanities & Social Sciences Institutions and various institutions in South Africa	<a href="http://www.institutions.africadatabase.org">www.institutions.africadatabase.org</a>



### Annexure 3: List of SA FP7 NCPs and their assistants

THEMES	NCP	RECOMMENDED NCP	CONTACT NO	E-MAIL
National Coordinator	National Coordinator	Mmboneni Muofhe	Tel: 012 843 6341 Cell: 082 907 9856 Fax: 0866810057	<a href="mailto:Mmboneni.muofhe@dst.gov.za">Mmboneni.muofhe@dst.gov.za</a>
Legal and Financial	Legal and Financial	Cristina Pinto	Tel: 011 717 9024 Cell: 082 881 8466 Fax: 011 717 1065	<a href="mailto:cristina.pinto@wits.ac.za">cristina.pinto@wits.ac.za</a>
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	Health	Virna Leaner	Tel: 021-406 6250 Cell: 082-308 0763 Fax: 021-406 6061	<a href="mailto:virna.leaner@uct.ac.za">virna.leaner@uct.ac.za</a>
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Energy	Energy	Phindile Masangane	Tel: 011 280 0444 Fax: 011 280 0578 Cell: 076 312 3489	<a href="mailto:phindilem@saneri.org.za">phindilem@saneri.org.za</a>
	Energy	Thembakazi Mali	Tel: 011 280 0440 Fax: 011 280 0562	<a href="mailto:thembakazim@saneri.org.za">thembakazim@saneri.org.za</a>

THEMES	NCP	RECOMMENDED NCP	CONTACT NO	E-MAIL
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	Security	Cobus Venter	Tel: 012 841 2011 Cell: 082 909 9015 Fax: 012 841 4750	<a href="mailto:jpventer@csir.co.za">jpventer@csir.co.za</a>
Security and Space	Space	Mothibi Ramusi	Tel: 012 672 8000 Cell: 082 992 9929 Fax: 012 672 8212	<a href="mailto:mramusi@grintek.com">mramusi@grintek.com</a>
	Space	Tumisang Sebitloane	Tel: 012 841 4272 Cell: 083 244 1639 Fax: 012 841 3124	<a href="mailto:tsebitloane@csir.co.za">tsebitloane@csir.co.za</a>
Marie Curie Actions	Mobility	Mamohloding Tlhagale	Tel: 012 843 6340 Cell: 082 900 2723 Fax: 086 681 0056	<a href="mailto:Mamohloding.Tlhagale@dst.co.za">Mamohloding.Tlhagale@dst.co.za</a>
Fission Research	EURATOM	Van Zyl De Villiers	Tel: 012 305-5630 Cell: 082 907 1123 Fax: 012 305-5925	<a href="mailto:vanzyl.devilliers@necsa.co.za">vanzyl.devilliers@necsa.co.za</a>
	EURATOM	Pamela Dube	Tel: 012 305 4223 Cell: 083 956 0775 Fax: 012 305 4111	<a href="mailto:pamela.dube@necsa.co.za">pamela.dube@necsa.co.za</a>

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The South African FP7 Network of NCPs is managed by the Strategic Partnerships Unit of the Department of Science and Technology.

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## South African FP7 Network of NCPs

(Version 2)

The South African Department of Science and Technology (DST) has appointed National Contact Points (NCPs) to provide guidance and assistance to South African participants in the European Union's Seventh Framework Programme (FP7). The South African NCP Network consists of 14 contact points - experts appointed because of their knowledge and experience of participation in European research programmes, as well as their understanding of South Africa's research strengths in the thematic areas they are responsible for.

**The NCP Network is responsible for:**

- Raising awareness and preparing the South African research community for participation in FP7;
- Signposting concerns from the South African research community to the DST;
- Advising, assisting and training South African participants with regard to FP7 rules of participation as well as strategic objectives;
- Marketing South African scientific and technological excellence in other FP7 participating countries; and
- Networking with counterpart NCPs in the European Union to assist South African FP7 participants in finding European partners.



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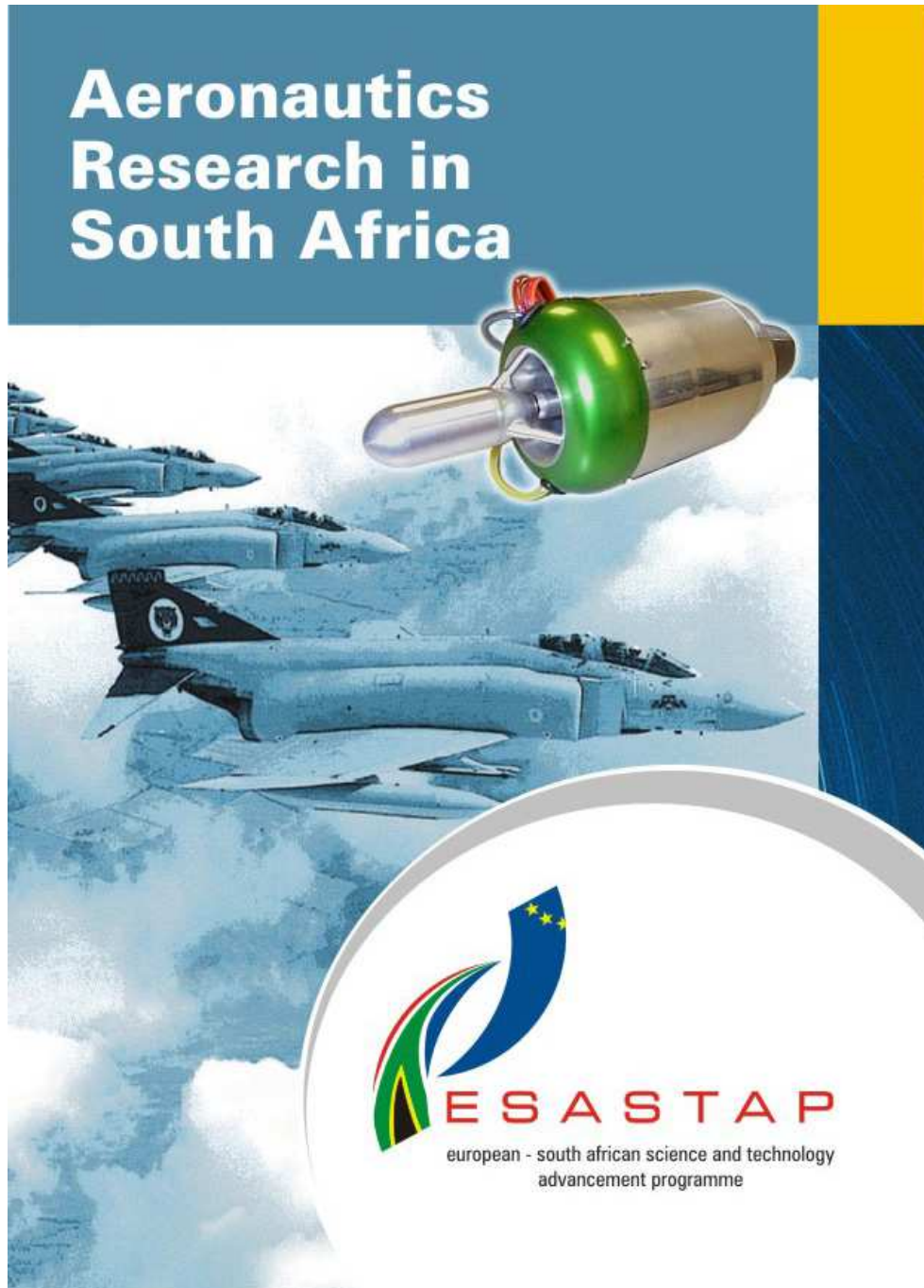
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SA FP7 NETWORK OF NATIONAL CONTACT POINTS (NCPs)

**Annexure 4:** Updated promotional brochures and posters





## TRANSPORT THEMATIC PRIORITY IN THE EUROPEAN UNION SEVENTH FRAMEWORK PROGRAMME (FP7)

### THE SOUTH AFRICAN PERSPECTIVE



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#### INTRODUCTION TO FP7

Framework Programme (FP) for research is the European Union's major tool to support Research and Technology Development. The FP's began in 1984 with FP1. FP7 was launched in December 2006 and it is scheduled to end in 2013. Over this seven year period a total of about €50.5 billion (R450 billion) has been budgeted for FP7. Transport, including aeronautics, is one of the FP7 thematic priorities and carries a budget of €4.18 billion over the same period.

Participation in FP7 is through competitively responding to calls for proposals published by the European Commission. South African organisations are eligible for funding and are encouraged to build necessary networks both locally and internationally, especially with their European counterparts, for the purpose of responding to the calls. However, participation in FP7 should not be driven by profit motives and FP7 is certainly not some form of donation. Participation in FP7 should be driven by the need to share the best of South African expertise with the world and to enjoy similar benefits from the rest of the international community.

The Department of Science and Technology, through the FP's Special Support Action: European South African Science and Technology Advancement Programme (ESASTAP) supports and facilitates the country's meaningful participation in FP7.

#### WHY PARTICIPATE IN FP7

Participation in FP7 has the potential of providing the following benefits:

- Strengthened international networks.
- Sharing of knowledge and innovations for social impact.
- Capacity building through incoming and outgoing fellowships, especially for higher education institutions and research organisations.

#### TRANSPORT PRIORITIES IN FP7

The European Commission has broadly defined transport theme priorities for surface transport as follows:

- **Greening of Transport:** Transport technologies to reduce negative environmental impact.
- **Inter-modal transport:** Improved network design, interoperable infrastructure and optimise operations.
- **Urban mobility:** Accessible quality transport, innovative public transport modes, sustainable mode shifts and development responsive transport.
- **Safety and security:** Operations, vehicles and infrastructure.
- **Competitiveness:** Improved vehicle design, advanced power train, improved production technologies and improved interoperability.
- **Galileo:** European satellite radio navigation system for transport management and monitoring.

#### PREVIOUS SOUTH AFRICAN PARTICIPATION

South Africa has been participating in the FP's since FP4. However, FP6 saw the country intensifying its participation rate with 548 submissions, 117 of which succeeded. The country participated in two transport projects in FP6, with acronyms SIMBA and URBAN TRACK which are acronyms for "Strengthening road transport research cooperation between Europe and emerging international markets" and "Urban Rail Infrastructure" respectively.

SIMBA, a 24-month long coordinating action type project valued at €1.1 million and scheduled to end in 2008, brings together consortium partners in Europe and the emerging economies of South Africa, China, India and Brazil. It aims to improve the exchange of knowledge in the fields of Intelligent Transport Systems, Road Infrastructure

and Automotive Technological Developments. The CSIR is the South African consortium partner.

Urban Track, a 48-month long integrated project worth €18.59 million and scheduled to end in 2010, aims at developing, testing and validating innovative products for urban rail track infrastructure, in full accordance with the ERRAC 2020 vision: high capacity, reliability, high comfort, safety, easy access and seamless travel. The University of Stellenbosch is the South African consortium partner.

#### SOUTH AFRICAN STRENGTHS

Transport in South Africa is enjoying an unprecedented attention. In the seven year period from 2000 to 2007 direct annual expenditure on public transport infrastructure and operations alone by the Department of Transport, excluding Provincial and Local governments, has increased three-fold to over €1.3 billion, and it is set to increase even further. Furthermore, the South African government has set a target of increasing annual gross expenditure on Research and Development to 1% of Gross Domestic Product by 2008 from the current 0.91% of GDP which is significantly higher than the 1994 levels of 0.69%. South Africa's commitment to good governance practices is also one of the shining examples in the world, and this has seen the country flourish in its 13 year old constitutional democracy. Also, with a total of 17 public Universities and 6 public Universities of Technology as well as a network of research institutes, South Africa is in a good position to sustain its national system of innovation.

Given the challenges of a young democracy an average South African transport professional is more likely to be well rounded in many aspects of transport systems. Moreover, with a mixture of specialists and generalists, there are good chances of finding a South African partner who meets the technical requirements of different consortiums.

#### SOUTH AFRICAN EXPERTISE

Numerous South African organisations have expressed interest to participate in FP7. The following is a list of some of the key expertise offered by the organisations. **The more comprehensive information on these organisations is contained in a separate booklet obtainable from the contacts provided below.**

##### Public transport

- Application of dynamic systems modelling in passenger transport service design.
- Performance based public transport contracts.
- Measuring and benchmarking the affordability of transport to households.

##### Freight transport

- Cold supply chain management for container transport.
- Efficiency and security of global container supply chains.
- Port operations.

##### Air transport

- Air transport economics.
- Route network optimisation.
- Development of cost effective surveillance systems.

##### Physical infrastructure and systems management

- Road-tyre interface analysis.
- Use of dynamic speed management and intelligent transport system technologies in road safety and transport system management.
- Railway infrastructure and system design.
- Performance based standards for heavy vehicles.

##### Energy

- Fuels and bio fuel testing.
- Conversion of coal to liquid fuels.
- Recovering long to medium chain hydrocarbons from municipal and industrial waste using bio remediation and conversion to functionalities which could perform as bio fuels.

##### Land Use and Transport Modelling

- Macroscopic multimodal transport modelling.
- Geo-access modelling.
- Development of sketch planning modelling techniques.

##### Travel behavioural modelling

- Activity-based, time-use and qualitative methods of travel data collection.
- Models of behavioural adaptation to demand-side transport strategies.
- Travel behaviour among disabled and elderly transport users.

##### Automotive industry

- Development of controllable suspension system for improved ride, handling and safety of off-road vehicles.
- Mathematical modelling of vehicle dynamics.
- Experimental and analysis capability in the areas of structural dynamics and vibration including multi-axis servo-hydraulic actuators and controllers for structural fatigue testing.
- Imbedded fiber optical sensors aimed at establishing quality control of the manufacture of composite structural aerospace components.

##### Transport Safety and Security

- Area-wide traffic calming and non-motorised network planning.
- Application of Telex-Hertz (THz) radiation, to automatically scan passengers for prohibited substances.
- Autonomous or automatic sense-and-avoid technologies.
- Piezoelectric actuators and motors and guided wave ultrasound applications in maintenance.

#### CONTACT INFORMATION

For more information please contact:  
 Mr. Mathetha Mokonyama  
 South African FP7 Transport National Contact Point  
 Email: [transport.ncp@esastap.org.za](mailto:transport.ncp@esastap.org.za)  
 Tel: +27 12 841 4732  
<http://www.esastap.org.za> (ESASTAP website)  
<http://cordis.europa.eu> (Official FP7 website)



# CELEBRATING TEN YEARS OF FRUITFUL PARTNERSHIPS



**Annexure 5:** List of seed funding proposal applications for preparatory initiatives for participation in FP submissions

BENEFICIARY	INSTITUTION	EVENT/PROJECT
Dr Ennio Macagnano	CSIR: Meraka Institute	Visit to Europe, to prepare an FP6 proposal and attend an information day in Brussels organised by the information society and media directorate- general(DG-INFOS) of European commission
Dr Geoff Meese	CSIR: Biosciences	Dr Meese's participation in a seminar organised as part of the ESASTAP to present South Africa's bioscience research capacities to the European partners in Brussels
Dr Gert Marais	CSIR: Biosciences	Visit to Copenhagen , Denmark to attend a negotiation meeting for FP6 BIOTRACER project and to further discuss with his European partners, FP7 collaboration opportunities
Dr Hulda Swai	CSIR: MSM	Visit to Edinburgh, Scotland to attend EuroNano Forum
Dr Hulda Swai	CSIR: MSM	Visit to Geneva to attend a forum towards Global Access to Health and University of London, Nottingham and Cardiff to discuss possible collaboration in the FP7
Dr Jan Dam	CSIR: National Laser Centre	Visit to University of ULM and Fraunhofer Institute for interfacial Engineering and Biotechnology, Germany to discuss possible collaboration in the FP7
Dr Luc Chevallier	Council for Geosciences	Visit to France to meet Mr Stephane Chevrel from the Bureau of Research in Geology and Mining (BRGM) in France to prepare a FP6 project proposal
Dr Raymond Sparrow	CSIR: National Laser Centre	Visit to the Biological Research Centre (Hungarian Academy of Sciences in Szeged Hungary) to discuss possible collaboration in the FP7
Dr Riette de Kock	University of Pretoria	Attended a meeting organised by the European Sensory Network in the Hague Netherlands. The aim was to discuss and plan a joint proposal for the calls of the framework 7 EU programme.
Dr Yahya Choonara	Wits	18th EORTC-NCI-AACR Symposium on "Molecular Targets and Cancer Therapeutics", to be held in Prague, Czech Republic, from 7-10 November 2006
Mr Johan Eksteen, Ms Monique Woodborne	CSIR: Meraka Institute	Visit to Germany, the Netherlands and the United Kingdom
Mr Wouter Klopper	CSIR: National Laser Centre	Visit to South Africa by Dr Uwe Stute and Mr Thorsten Temme
Mrs Tina James	Icteam Consulting	Visit to Finland to participate in a preparatory and planning meeting with Finnish and other European partners for a planned FP7 proposal
Ms Gerda Lombard	CSIR: Biosciences	Visit to Prague, the Czech Republic to attend a series of European Food Science events
Prof Albert Joseph Lastovica	UCT	Improved Physiological, immunological and Molecular Tools for the recovery and identification of emerging campylobacter spp.in the food chain
Prof Thomas Auf der Heyde	Research Office of the University of Johannesburg	Visit Brussels, Belgium to attend the Europe Commission's Consultation Seminar on Science and Society
Mr William Blankley	HSRC	Visit to Brussels, Belgium to attend the Innovative South Africa conference
Dr Hulda Swai	CSIR: Material Science and Manufacturing	Visit to Belgium to attend an international conference on neglected infectious disease Brussels (NDI) on 8 to 9 November 2006
Ms Isayvani Naicker	E4 Solution	Trip to London and Finland to attend the Open Philosophies for Associative Autopoietic Digital



BENEFICIARY	INSTITUTION	EVENT/PROJECT
		Business Ecosystems (OPAALS) network of excellence meeting in Tampere, Finland and post meeting strategising on funding and technology needs for introducing digital ecosystems in South Africa, in London from the 10 to 12 October 2006
Jo Lorentzen	HSRC	Budget for participation in U-Know workshop, Brighton, 8-10 November 2006
Mr Stephan Lamprecht	Da Vinci Institute	Visit to Brussels, Belgium to attend the Innovative South Africa conference
Dr Bob Day	Non-Zero-Sum Development	Visit to Europe to attend the "MAKING SENSE OF THE FUTURE" Conference, to be held at the Culture and Convention Centre, KKL Lucerne, Switzerland on 22 to 24 November 2006
Mr Etienne Bannard	University of Pretoria	Visit to Europe
Ms E.Goyvaerts	Micro-MBA Bursary fund	Visit to London, Spain and Brussels to engage in a series of meetings to prepare a proposal for seventh framework programme and to attend E-challenges 2006 conference to be held in Barcelona, Spain
Mr Yahya Choonara	University of Witwatersrand	Visit to Prague, Czech Republic to Participate in the 18th EORTC-NCI-AACR Symposium on molecular targets and Cancer Therapeutics 7 to 10 November 2006
Prof Michael Kew	University of Witwatersrand	Visit to Prague, Czech Republic to Participate in the 18th EORTC-NCI-AACR Symposium on molecular targets and Cancer Therapeutics 7 to 10 November 2006
Prof Berger Dave	University of Pretoria. Department of Agricultural Service	Expenses incurred in the Dr Antoinette Van Schalkwyk's 3 months visit to learn about the application of the diversity array technology at the DarT Microarray laboratories in Australia
Mr M I Ferreira	Department of Agriculture Western Cape, Institution for plant production	Expenses to be incurred for bringing Dr. Jedidah M Maina
Dr Dave Roberts	Council of Geosciences	Expenses to be incurred by Dr Roberts when he travels overseas to meet with potential FP7 partners in France and Italy
Prof Eloff Kobus	University of Pretoria Phytomedicine Programme	Expenses to be incurred by Prof Eloff for bringing Dr John Wallace who was the co-ordinator in both FP5 AND FPD for an activity based on the plant extracts and compounds to increase animal productivity to South Africa to be a keynote speaker for the congress of South Africa Association of Botanists to held in Cape Town 14 to 18 January 2007
Dr Ingrid Weinert	CSIR	Expenses to be incurred by Dr Colin Kenyon during his trip to Bergen (Norway) to participate in a consortium meeting to finalise an FP7 proposal entitle "Development of fast tests for the detection of Multi-Drug-Resistant Mycobacterium tuberculosis strains and diagnosis of latent tuberculosis infection on 10 to 15 April 2007
Mr Adrian Paine	CSIR	Expenses to be incurred by Mr Adrian Paine in his trip to the University of Birmingham UK to attend the Ti-Road mapping follow-up, workshop and brokering event on 29 March 2007
Dr Antoinette van Schalkwyk	University of Pretoria	Expenses to be incurred by Dr Antoinette van Schalkwyk in her 3 months visit to Australia, DarT Microarray laboratories to learn about the application of the diversity array technology and perform a proof of concept diversity array experiment on tomato genomes
Dr Jane Morris	African Centre for Gene Technology	Expenses to be incurred by Dr Jane Morris in her trip to France to attend the European Union-South Africa Dialogue on Knowledge Based Bio-Economy Partnerships fir Sustainable Development on 10 - 15 March 2007
Dr. Colin Kenyon	CSIR	Trip to Norway to discuss inclusion in th EC FP7 project entitled Development of fast tests for the detection of Multi-Drug-Resistant Mycobacterium tuberculosis strains and diagnosis of latent

BENEFICIARY	INSTITUTION	EVENT/PROJECT
		tuberculosis infection (acronym: TurnTideTbTests, changed from TbDiagnostics as used in previous correspondence)
Prof Willem Ferguson	University of Pretoria	Visit to Tanzania, London, France to develop together with his partners an FP7 proposal under theme 6, sustainable management of resources calls for proposals "Biodiversity Values, Sustainable use and livelihoods"
Prof. Mark Fleishman	University of Cape Town	Visits to Amsterdam and Netherlands to develop together with his partners an FP7 proposal under theme 8, social sciences and the humanities calls for proposal "Creativity, culture and democracy"
Dr. Stewart Bernard & Dr Lucy Scott	University of Cape Town	Visit to the United Kingdom to develop together with their partners an FP7 proposal under theme6, environment (including climate change) calls for proposal "GEONETCast applications for developing countries"
Prof. Dave Berger	University of Pretoria	Expenses to be incurred in a Workshop on DArT Microarray(Diversity Array training workshop)
Dr Judy Caddy	Mintek	Visit to the Lausanne to present the AuTEK Biomed research activities and further discuss incorporation of AuTEK Biomed into the FP6 funded COST D30 project
Dr. Rajesh Anandjiwala	CSIR Material Science and Manufacturing	Visit to Germany to attend workshop with consortium members at Reutlingen University. Project: Natural Fibre Reinforced Composites for Aerospace Industries
Dr. Malik MAAZA	iTHEMBA LAB Nanosciences Laboratories, Materials Research Group	Visit to London to attend the NanoSci ERA Coordination Board Meeting
Mr. Brian North	CSIR:Hydrogen Competency Centre	Visit to Brussels to attend the European Union's hydrogen and fuel cell review meeting. Cover expenses: daily allowance
Mr. Brian North	CSIR:Hydrogen Competency Centre	Visit to Brussels to attend the European Union's hydrogen and fuel cell review meeting. Cover expenses: daily allowance
Ms Rietha Oosthuizen and Ms Michelle Binedell	CSIR:Natural Resources and the Environment Operating Unit	Visit to IST Luasanne, Switzerland to attend a meeting discussion on a proposal (NMP) nanosciences, nanotechnologies, materials and new production technologies
Prof. TG Downing	NMMU Nelson Mandel Metropolitan University: Biochemistry and Microbiology	Visit to Berlin, Germany to meet with potential collaborators to pursue the formalisation of collaboration and development of a proposal for funding and also to investigate the preparation of an appropriate proposal
Prof Simon H Connell	University of the Witwatersrand: Physics Department	International Workshop on Diamond Quantum Photonics
Prof Seugnet Blignaut	University of North West: Faculty of Education Sciences	Visit to Finland to prepare a proposal for the FP7 project "Information and Communication Technologies (ICT, Challenge 4: Digital Content & Learnin

**Annexure 6:** List of granted strategic co-funding

INSTITUTION	PROJECT
CSIR	REPRO (STREP Project)
CSIR	SAFE FOODS (Integrated Project)
CSIR-Meraka	MeSIPP
CSIR	SPEAR (Integrated Project)
MINTEK	BIOMIN-E (Integrated Project)
ARC	BORASSUS (STREP Project)
CSIR	PHARMAPLANTA (Integrated project)
WITS	GENBENEFIT (STREP Project)
WITS	GRAIN LEGUMES (Integrated Project)
WITS	HYVOLUTION (Integrated Project)
CSIR	SODISWATER (STREP Project)
CSIR	APPLES
COUNCIL OF GEOSCIENCE	EO-LANDEG (SSA project)
WESTERN CAPE UNIVERSITY	MGA tech
STELLENBOSCH UNIVERSITY	EMPRO (Integrated Project)
WITS	RIGHT
WITS	AVIP (Integrated Project)
UP	EU-SOL (Integrated Project)
CSIR	GEO-BENE (STREP Project)
CSIR	CARBOAFRICA (STREP Project)
CSIR	RECLAIM WATER (STREP Project)
CSIR	EUDEVLAS (SSA Project)
CSIR	VITAL (Integrated Project)
CSIR	EMPRO (Integrated Project)
CSIR	Novel Q (STREP Project)
CSIR	DeveloNutri (STREP Project)
Bulgaria, JHB University	Marie Curie co-investment
CSIR	Europe/Aid/ENV/2006
CSIR	FANTASIA (Integrated)
CSIR	AntiMal (Integrated Project)
CSIR	NM4TB
CSIR	ST-EAP

## **Annexure 7: Summary of best practise with regard to NCP network**

### **Best practice for establishing a system of National Contact Points (NCPs)**

#### **1. Introduction**

Under the 5<sup>th</sup> and 6<sup>th</sup> Framework Programmes, all Member States and Associated States set up systems of National Contact Points (NCP) to inform and assist potential participants and contractors in ongoing projects. The basic principles for the NCP concept were laid down in the discussion paper "Guiding Principles for Setting up Information and Assistance Networks" (30 October 1998). This is now the founding document for the NCP system which has changed considerably since its inception with an increase in the number of EU member states, all of whom have one or more NCPs to cover the fields. Contacts for the NCPs are available on the Cordis site: [http://cordis.europa.eu/fp7/ncp\\_en.html](http://cordis.europa.eu/fp7/ncp_en.html). However, increasing numbers of Third Countries are now establishing systems which are akin to those of the EU countries: [http://cordis.europa.eu/fp7/third-countries\\_en.html](http://cordis.europa.eu/fp7/third-countries_en.html).

This process is being assisted by the SSAs, begun in FP6; to bring together NCPs from Third Countries and EU countries to share their learning eg Food-N-Co involves Theme 5 (Food Quality and Safety) NCPs from seven EU countries and 13 Third Countries: <http://www.food-n-co.net/ncp.html>. See also "EC funding of NCP trans-national activities in FP7" presented by Berland at the Brussels NCP training in December 2006.

NCPs are appointed on the basis of the Thematic and horizontal priorities of the Framework Programme (see structure in Appendix I). Not all of these are applicable to SA eg the JRCs.

There are critical questions to be asked about the NCP networks and these should be considered when looking at the system established in South Africa and when judging its performance. These include:

- o Recommended activities of NCPs
- o How are the NCPs identified and from what organisations?
- o How are the activities of the NCPs funded?
- o What are the relationships between the NCPs and their relevant government body?
- o How can the performance be judged?

#### **2. Recommended activities of NCPs**

As defined by the EU these include:

##### **1.1 Informing, awareness raising**

- o Circulate general and specific documentation on the Community RTD programmes, including conditions for participation, and on possibilities and conditions for submission of proposals
- o Organise promotional activities in liaison with the Commission and their local bodies (e.g. info-days, seminars, conferences, newsletters, websites, fairs, etc.)
- o Raise awareness for the Community objectives of increasing the participation of women in the Framework Programme and of strengthening the link between science and ethics and between science and civil society
- o Raise awareness of the Community objectives of increasing the participation of small and medium-sized enterprises in the Framework Programme
- o Raise awareness of other European programmes in the field of research and innovation such as CIP, Eureka and COST

## **2.2 Advising, assisting and training**

- Explain the scope and the modalities of the funding schemes to be used in FP7 and give budgetary guidance
- Advice on administrative procedures and legal issues e.g. role and responsibilities of participants in a consortium and obligations of participants
- Assist in partner search activities e.g. Cordis, ESASTAP etc.
- Assist organisations, in particular new actors and SMEs, with a view to increasing their participation in FP7
- Organise training seminars for specific target groups (SMEs, universities, professional organisations) or on specific topics e.g. legal aspects

## **2.3 Signposting and Feedback**

- Give feedback to the Commission on any problems and difficulties in implementing and participating in the Framework Programme in SA
- Inform the Commission about planned NCP activities and events requiring participation of Commission staff

## **2.4 Screening and proposal writing**

- Along with sourcing partners this issue remains the most critical for most SA participants. The screening of ideas is at the moment very difficult for most NCPs as they do not have time outside their normal responsibilities. The SIPs were an attempt to address this but the process was flawed because (i) project proposals were requested rather than statements of expertise/experience that could be contributed to the call and (ii) most NCPs gave inadequate or no feedback. Again with proposal writing, it is not possible for the NCPs to assist because of their own time constraints. The best that could be offered is brief feedback in specialised area e.g. legal issues.

## **3. How are the NCPs identified, from what organisations and who coordinates?**

- It is difficult to determine the manner in which NCPs are determined in different countries. In SA the process began in FP6 when supported nominations were called for to a current position where the DST invites known capable people to carry out the function. This has resulted in a very uneven performance amongst the NCPs. This is largely because (i) some of the NCPs have little FP experience and (ii) those that work for fee earning organisations such as science councils find it difficult to justify their time as NCPs unless the learning from the process has a direct measurable benefit to their organisation.
- The organisations from which NCPs are drawn include science councils, universities, private sector, government departments and consultancies. A similar situation is found in SA but with only one NCP from the private sector.
- The EU recommends that the coordinating body have the following characteristics:
  - Have a good knowledge of Community RTD activities and the technological areas concerned
  - Be competent to provide assistance services to different kinds of actors (SMEs, industry, academics, etc).
  - Be able to work as a strictly disinterested organisation and be committed to complete impartiality in delivering their services and avoiding any situations which may give rise to a conflict of interests

- Be able to act with complete confidentiality as regards the information which comes into their possession or has become known to them as part of their advisory activities towards clients
- Have adequate human resources and equipment (e.g. IT)
- Be able to co-ordinate the different actors of the NCP system

Ultimately the responsible government department has to approve the appointment of the NCPs and communicate this to the EC but the structures vary widely and are also influenced by the ethos of the country e.g. certain countries have very informal systems which suit their S&T community. The Netherlands, for instance, have a centralised system with a staff of *circa* 35 people supporting the network. Frequently, for example in Italy (<http://www.apre.it/Englishversion/aboutus.htm>), this is carried out by an organisation which is awarded a contract and implements the NCP network on behalf of the government. In the case of Italy all but one of the NCPs are based at APRE. The advantages are clear in that being an NCP becomes (i) a clearly defined task and part of the employee's measurable outputs by his/her employer and (ii) there are greater opportunities for coordination within the network and for sharing learning.

It is difficult to judge which approach is best and it would appear that each country has to find its own solution. However, if one looks at the leading countries in the EU's 27 then it is apparent that Germany (with 79 contacts) has NCPs at a limited number of organisations, mostly national research bodies, France has a similar structure with a number of their NCPs at prominent research organisations such as the CNRS, all of Sweden's NCPs are in Stockholm which obviously makes communication easier whilst the UK has a mix of private consultancies (who presumably tender to do the work) and government departments. It is apparent in these countries that almost no NCPs come from universities.

#### **4. How are the activities of the NCPs funded?**

It will be clear from the above that the NCP networks are funded in a range of different ways including government funded contracts. SA has not yet chosen this route but does provide funding for support activities such as travel. As also noted, in those organisations where fees are earned this may not be sufficient incentive to continue with the network.

#### **5. What are the relationships between the NCPs and their relevant government body?**

The EU recommends the following to determine the NCP/government relationship. Each Member and Associated State wanting to participate in the European NCP network has the responsibility for the organisational structure of its NCP system:

- In order to ensure the coherence of the system, a co-ordination mechanism should be foreseen in each country to maintain its overall operational consistency. This mechanism should be a light, non-bureaucratic co-ordination. An NCP Co-ordinator should be nominated in each country, with the aim of providing this overall co-ordination of the national NCP activities. This NCP Co-ordinator should also maintain overall coordination of the NCP activities within the horizontal and cross-cutting actions in FP7. In addition, the NCP Co-ordinator should provide policy advice to the Commission regarding issues on the development and improvement of the NCP system in general.

- The nominations (organisations and contact persons) should be communicated to the Commission in an official letter by the ministry competent for the area of science and research and technological development (or by an organisation empowered by the ministry/ies to do so, such as the permanent representations to the EU). For practical management reasons, nominations should be structured following the thematic and horizontal priorities of the Framework Programme.
- Once the organisation(s) are nominated, they will be recognised by the Commission for the duration of the 7th Framework Programme as being the preferential contact points for providing information, advice and/or assistance on the RTD programmes. For changes of organisations or persons, the same procedure should apply.
- The organisation should use the name “National Contact Point Organisation” and be mentioned as such in all Commission publications (NCP database on CORDIS, information packages, brochures, Web-pages etc.).

SA has followed this procedure but although NCPs submit business plans and budgets to them, because they are not recompensed for their time, it has proved very difficult to ensure suitable standards. It has also proved difficult to bring NCPs together and share learning.

## 6. How can the performance be judged?

It has proved difficult to judge the effectiveness of the NCP network in the EU and whether those successful countries owe much of their success to their network or to the systems established by their own researchers and the inherent strength of their S&T base. Most of the successful EU organisations have their own internal structures and could probably perform just as well without the network. However, the networks may play a role in bringing in new players, both within their own countries and beyond.

A similar issue exists in SA; the most effective organisations frequently have a centralised FP function and considerable learning (up to ten years in some cases). In addition it is impossible to say which submissions and successful projects can be attributed to advice and intervention by the NCPs. One can trace an overall improving trend for SA in FP6 which has probably been as a result of the work of ESASTAP, the efforts of the DST and the NCPs.

A number of studies have been carried out by the Commission to look at the performance of the NCP networks; notably the benchmarking exercise “Integrating-ACC” which focussed on the NCPs in sustainable development. (see attachment and <http://www.sustdev-ncps.com>). The project had partners from 22 countries; Bulgaria, Cyprus, Czech Republic, Estonia, Hungary, Latvia, Lithuania, Malta, Poland, Romania, Slovakia, Slovenia, Turkey, Israel, Austria, Denmark, Finland, France, Greece, Italy, Netherlands and Spain. It was coordinated by the French NCP. The report stresses the complexity of issues that need to be addressed by NCPs and points out that “Progresses (sic) can be made only if the role of the NCPs is clearly defined within the **hosting organisation** and tasks and resources are clearly assigned.”

## 7. The way forward

If SA is to continue with its NCP network then some key issues will need to be considered:

- DST should appoint an external consultant to assess the performance of the NCP network and determine from the SA S&T community whether they believe it has added value and what suggestions they have for improving the performance. The consultant should also try to get the views of the Commission regarding SA's network.
- Is the present structure suitable or should DST implement a different system which could be:
  - overall supervision remains at DST (assuming sufficient resources) but one organisation is tasked to implement the network. This would clearly require adequate funding
  - as above, but DST issues a tender for a network implementer
  - DST implements the network itself with some on the NCPs drawn from their staff and calls in Thematic specialists as required. The cross-cutting functions such as finance, legal issues, mobility and perhaps INCO could be located in DST.
- Whatever system is implemented the SA community should be encouraged to inform the NCPs that proposals have been submitted. This will be of particular help in enabling DST to forecast the likely co-funding implications.
- The NCPs in SA need clarity on the role of the Brussels office and to what extent they should talk directly to that office or via DST.
- To a large extent ESASTAP has taken over the information function and the S&T community is too small to arrange workshops with a Theme focus. This requires close cooperation between the community, DST and the NCPs and should be considered in a follow-up to ESASTAP.

Prepared by Geoff Meese; 4.07.07



## Annexure 8: Events overview 2005 - 2007

It should be noted that no differentiation has been made between the actions / activities carried out by the CSIR and the DST. This is due to the fact that the participants from the two organisations work as an integrated unit, and in the majority of cases, are jointly responsible for / involved in carrying out the various tasks and activities of the ESASTAP project.

DATE	EVENT	VENUE	NARRATIVE	WORK PACKAGE(S)	DELIVERABLE(S)
28 Jun 05	ESASTAP Launch	Pretoria, South Africa	One of South Africa's most strategic partnerships in international science and technology cooperation, that with the EU, was significantly boosted with the announcement of the launch of the European - South African Science and Technology Advancement Programme (ESASTAP). This new programme is being implemented by South Africa's Department of Science and Technology (DST) with the CSIR as an implementation partner, and will be supported by the European Commission under its Sixth Framework Programme (FP6). It will seek to concertedly promote science and technology cooperation between SA and the EU. Speaking at the launch, Science and Technology Director-General, Dr Rob Adam, said science is global in reach and scope and for SA to sustain scientific excellence it is critical to strengthen the country's connectedness to global research.	1	1.1; 1.3
29 Jun 05	SADC S&T Meeting	Windhoek, Namibia	Presentation on ESASTAP to SADC S&T Meeting hosted in Namibia.	3	3.2
06 Jul 05	WAITRO Workshop	Pretoria, South Africa	Presentation on ESASTAP and FP6 to the World Association of Industrial and Technical Organisations (WAITRO).	3	3.2

DATE	EVENT	VENUE	NARRATIVE	WORK PACKAGE(S)	DELIVERABLE(S)
14 Jul 05	ESASTAP European Union Launch	Brussels, Belgium	ESASTAP was launched in Brussels on 14 July. South Africa's Senior Science and Technology Representative in Brussels, Dr Mandi Mzimba, emphasised that though SA and the EU already have a track record of cooperation in research, this was a sign of further, closer collaboration in future. The ESASTAP project coordinator, and General Manager for International Resources at the SA Department of S&T, Dr Neville Arendse, said, 'this is an important milestone of SA-EU partnership in science and technology,' and explained that the project aimed to enhance and deepen that relationship. Presenting ESASTAP's objectives and programme of activities, the project's manager, Mr Daan du Toit, Manager for Strategic Partnerships at the SA Department of Science and Technology, explained further. 'Europe remains South Africa's preferred international partner for science and technology,' he emphasised, going on to say that one of ESASTAP's priorities is to market South Africa's S&T excellence in Europe and assist European researchers in identifying and fostering appropriate partnerships with SA researchers. Representing the European Commission at the event, Dr András Siegler, Director of International Scientific Cooperation at the Directorate-General for Research and Technological Development (DG RTD) said, 'this is an example of how countries across the world can promote international collaboration'. He expressed the hope that ESASTAP would also help cooperation with other countries in southern Africa and build new partnerships for African development. 'ESASTAP should also boost SA participation in FP7, where collaboration with third countries will be even more important,' Dr Siegler continued, 'since international cooperation will be a major part across all the programmes.'	1 4	1.1; 1.3 4.3
15 Jul 05	ESASTAP Research Community Presentation	Pretoria, South Africa	ESASTAP presentation made to researchers from the University of Pretoria.	1 3	1.1 3.1
18 Jul 05	ESASTAP Provincial Launch	Cape Town, South Africa	ESASTAP was launched in the Western Cape, South Africa.	1	1.1; 1.3
21 Jul 05	ESASTAP Provincial Launch	Durban, South Africa	ESASTAP was launched in KwaZulu Natal, South Africa.	1	1.1; 1.3

DATE	EVENT	VENUE	NARRATIVE	WORK PACKAGE(S)	DELIVERABLE(S)
21 Jul 05	ESASTAP Provincial Launch	Grahamstown, South Africa	ESASTAP was launched in the Eastern Province, South Africa.	1	1.1; 1.3
27 Jul 05	Workshop on FP6 Call for Proposals in the Life Sciences, Genomics and Biotechnology for Health Area	Cape Town, South Africa	Dr Arnd Hoeveler, Head of Unit for Diseases linked to Poverty, in the European Commission's Directorate-General Research, conducted a very successful information session on the new Sixth Framework Programme (FP6) call for proposals in the Life Sciences, Genomics and Biotechnology for Health area. His presentation presented a comprehensive overview of the call for proposals' focus areas as well as valuable strategy advice on proposal writing.	3	3.1, 3.7
28 Jul 05	Workshop on FP6 Call for Proposals in the Life Sciences, Genomics and Biotechnology for Health Area	Pretoria, South Africa	Dr Arnd Hoeveler, Head of Unit for Diseases linked to Poverty, in the European Commission's Directorate-General Research, conducted a very successful information session on the new Sixth Framework Programme (FP6) call for proposals in the Life Sciences, Genomics and Biotechnology for Health area. His presentation presented a comprehensive overview of the call for proposals' focus areas as well as valuable strategy advice on proposal writing.	3	3.1, 3.7
02 Aug 05	NCP Network Meeting	Pretoria, South Africa	Introduction of ESASTAP to the SA NCP Network.	1 3	1.1 3.8
03 Aug 05	ESASTAP Provincial Launch	Nelspruit, South Africa	ESASTAP was launched in Mpumalanga, South Africa.	1	1.1; 1.3
10 Aug 05	ESASTAP International Community Presentation	Pretoria, South Africa	Presentation on ESASTAP to the SA-German Bilateral Commission.	1 4	1.1 4.3
11 Aug 05	ESASTAP Provincial Launch	Upington, South Africa	ESASTAP was launched in the Northern Cape, South Africa.	1	1.1; 1.3
12 Aug 05	ESASTAP Industry Presentation	Pretoria, South Africa	Introduction of ESASTAP to CapeSpan.	1 2	1.1 2.8
15 Aug 05	ACP S&T Policy Programme	Pretoria, South Africa	Engagement of ESASTAP team members with consultants undertaking study.	1 4	1.1 4.9
18 Aug 05	ESASTAP Research Community Presentation	Pretoria, South Africa	ESASTAP presentation made to researchers from the Onderstepoort Veterinary Institute.	1 3	1.1 3.1

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19 Aug 05	ESASTAP Stakeholder Presentation	Pretoria, South Africa	ESASTAP presentation made to the South African Agency for Science and Technology Advancement (SAASTA). SAASTA aims to advance public awareness, appreciation and engagement of science, engineering and technology in South Africa.	1 3	1.1 3.1
19 Aug 05	European Commission Expert Group on the Future of INCO	Pretoria, South Africa	Inputs made by the ESASTAP team, via teleconference, to the EC's Expert Group.	4	4.6
22 Aug 05	Audit on SA Participation in the Framework Programme	Pretoria, South Africa	Inputs made by the ESASTAP team.	2 3 4	2.1 3.3 4.6
23 Aug 05	SA FP6 Workshop on Sustainable Energy Systems	Pretoria, South Africa	The Department of Science and Technology held an information session on opportunities for energy research partnerships in the EU's Sixth Framework Programme (FP6), presented as part of an ESASTAP initiative. The information session was conducted by South Africa's FP6 National Contact Point (NCP) for Energy, Dr Boni Mehloakulu, in cooperation with the visiting French NCP for Energy, Dr Celine Phillips-Driwa of the French Agency for the Environment and Energy Management (ADEME).	3	3.1
25 Aug 05	ESASTAP Provincial Launch	Bloemfontein, South Africa	ESASTAP was launched in the Free State, South Africa.	1	1.1; 1.3
25 Aug 05	ESASTAP Industry Presentation	Pretoria, South Africa	Introduction of ESASTAP to Nokia.	1 2	1.1 2.8
26 Aug 05	ESASTAP Industry Presentation	Pretoria, South Africa	Introduction of ESASTAP to SAAB.	1 2	1.1 2.8
29 Aug 05	ESASTAP Provincial Launch	Rustenburg, South Africa	ESASTAP was launched in the North West Province, South Africa.	1	1.1; 1.3
29 Aug 05	Information Session: FP6 Information Society Technologies (IST)	Pretoria, South Africa	A presentation on the Fifth Call of the FP6 IST programme was made by Dr Jacques Babot, Head of sector, New Working Environments Unit, Directorate-General Information Society. Ms Inga Bakane, from Riga Technical University, presented on IST activities in Latvia and opportunities for collaboration. Ms Bakane is also Project Manager for the FP6-funded IST4Balt project.	2 3 4	2.5, 2.7 3.1 4.3

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30 Aug 05	SA-EU Trade, Development and Cooperation Agreement	Pretoria, South Africa	A presentation on S&T cooperation and ESASTAP was made at the SA Department of Foreign Affairs workshop on the SA-EU trade, development and cooperation agreement.	4	4.1, 4.2, 4.3
02 Sept 05	NePAD Briefing	Pretoria, South Africa	ESASTAP was introduced to John Mugabe from the NePAD S&T desk.	3 4	3.2 4.8
5 - 9 Sept 05	European Nano Forum	Edinburgh, Scotland	ESASTAP representatives attended the Forum, met with project co-ordinators and EC representatives, and disseminated brochures.	2 3 4	2.7 3.1 4.3
07 Sept 05	ESASTAP International Community Presentation	Pretoria, South Africa	Introduction of ESASTAP to the Finnish Embassy.	1 4	1.1 4.3
13 Sept 05	ESASTAP Industry Presentation	Pretoria, South Africa	Introduction of ESASTAP to SAP.	1 2	1.1 2.8
14 Sept 05	ESASTAP Research Community Presentation	Pretoria, South Africa	ESASTAP presentation made to representatives of the Global Research Alliance.	3	3.1
14 Sept 05	Biosciences Research in South Africa	Brussels, Belgium	ESASTAP representatives presented on South Africa's health and food research capabilities.	2 3 4	2.5 3.1 4.3
13 - 14 Sept 05	Conference on Social Sciences and the Humanities in Europe: New Challenges, New Opportunities	Brussels, Belgium	Dr Olive Shisana, President of the SA Human Sciences Research Council (HSRC), was one of the keynote speakers at the European Commission's Conference on Social Sciences and the Humanities in Europe: New Challenges, New Opportunities. Dr Shisana participated in a panel discussion on international cooperation in the social sciences and the humanities. The discussion focused on the opportunities for researchers from countries such as South Africa in the social sciences and humanities activities of the Seventh Framework Programme.	2 3 4	2.5 3.1 4.3
15 Sept 05	ESASTAP Provincial Launch	Polokwane, South Africa	ESASTAP was launched in Limpopo, South Africa.	1	1.1; 1.3
20 Sept 05	ESASTAP Stakeholder Presentation	Pretoria, South Africa	Introduction of ESASTAP to the World Bank.	1 2	1.1 2.8

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23 Sept 05	ESASTAP International Community Presentation	Pretoria, South Africa	Introduction of ESASTAP to the Russian Embassy.	1 4	1.1 4.3
6 -7 Oct 05	Dimension of the Europe of Knowledge: A Common Interest to Europe and to the World" Conference	Brussels, Belgium	SA participated in the International Dimension of the Europe of Knowledge: A Common Interest to Europe and to the World" Conference. The European and non-European participants to the Conference discussed the challenges of an open "Europe of Knowledge". They shared their perceptions on what common interests mean. They also identified ways to increase the benefits gained from facilitating links between the scientific communities of Europe and the rest of the World. Addresses were made by Dr Rob Adam, Director-General of the Department of Science and Technology, and Mr Daan du Toit representative of the ESASTAP team.	2 3 4	2.5 3.11 4.3, 4.4
10 Oct 05	ESASTAP Stakeholder Presentation	Cape Town, South Africa	Introduction of ESASTAP to the European Developing Countries Clinical Trials Partnership (ECDTP).	1 3	1.1 3.1
10 Oct 05	ESASTAP International Community Presentation	Pretoria, South Africa	Introduction of ESASTAP to SENTER.	1 4	1.1 4.3
19 Oct 05	ESASTAP International Community Presentation	Pretoria, South Africa	Introduction of ESASTAP to the Netherlands Embassy.	1 4	1.1 4.3
19 - 21 Oct 05	eChallenges Conference	Slovenia	Poster presentation by ESASTAP at the conference.	2 3 4	2.7 3.3 4.3
24 Oct 05	ESASTAP International Community Presentation	Pretoria, South Africa	Introduction of ESASTAP to the French Embassy.	1 4	1.1 4.3

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27 Oct 05	e-Government Research Agenda of the Future Seventh Framework Programme (FP7)	Brussels, Belgium	Dr Rob Adam, Director-General of the Department of Science and Technology, addressed a stakeholder consultation organised by the European Commission's Directorate-General Information Society on the e-Government research agenda of the future Seventh Framework Programme (FP7). In his address, broadcast via video conference to the high-level event held in Brussels and attended by senior representatives from the public sector, industry and academia, Dr Adam pointed out the rich potential for R&D cooperation in the field of e-Government between research partners from the developing world and Europe under the FP7. Dr Adam, for example, highlighted the important part to be played by social scientists, in dealing with cultural differences as well as the scope for leapfrogging technologies.	2 3 4	2.5 3.11 4.3, 4.4
27 Oct 05	SA - UK launch	Newcastle, United Kingdom	ESASTAP launch in the United Kingdom - hosted by Newcastle University. Opportunities highlighted for interaction with SA scientists; interactions arranged with UK scientists and opportunities for collaboration identified.	1 2	1.3 2.7
1 Nov 05	International Young Scientists Workshop	Prague, Czech Republic	CSIR researcher Gerda Lombard attended the International Young Scientists Workshop. Lombard was the winner of the ESASTAP scientific paper contest, coordinated by the DST. The aim of the workshop was to promote debate on the opportunities and challenges facing young scientists in food safety and quality research.  Lombard's paper secured her attendance at the 2nd International Symposium on Recent Advances in Food Analysis. This symposium was held on 2 to 5 November 2005 in the same city, and allowed Lombard to identify potential, future food sciences collaborations between SA and the EU, under the auspices of the upcoming Seventh Framework Programme (FP7). The prize included a visitor's programme to Czech Republic Institutes	2	2.7
2-5 Nov 05	2nd International Symposium on Recent Advances in Food Analysis				

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14 - 15 Nov 05	CER Exhibition	Brussels, Belgium	ESASTAP exhibited at the European Commission's Directorate-General for Research hosted the second "Communicating European Research" conference. The event focused on the manifold aspects of science communication and provided an excellent forum and meeting place for scientists, communication professionals and journalists. The conference also took stock of the way towards the Seventh Framework Programme.	2 5	2.7 5.8
23 Nov 05	Seminar - Energy Research in South Africa: Opportunities for Partnership with Europe	Brussels, Belgium	The focus of the Seminar was on presenting the SA energy research landscape to the European research community, including for example a focus on SA R&D capacities in renewable energy, fuel cells and the hydrogen economy, clean coal, nuclear energy, etc. The Seminar also highlighted support and enabling mechanisms that can facilitate contact and cooperation between European and SA researchers in this area.	2 3 4	2.5 3.1 4.3
24 Nov 05	ESASTAP Research Community Presentation	Pretoria, South Africa	ESASTAP presentation made to researchers from the Agricultural Research Council.	1 3	1.1 3.1
25 Nov 05	ESASTAP EC Presentation	Pretoria, South Africa	ESASTAP briefing to visiting delegation from the European Commission.	1 4	1.1 4.3
26 - 27 Nov 05	SA - French Partnership Workshop	Pretoria, South Africa	Hosting of Synchrotron workshop exploring areas of cooperation between SA and French researchers.	2 3 4	2.5 3.1 4.4
29 Nov 05	ESASTAP Stakeholder Presentation	Pretoria, South Africa	Introduction of ESASTAP to the South African Association for Food Scientists, Technologists (SAAFoST).	1 3	1.1 3.1
05 Dec 05	ESASTAP Prestige Banquet	Pretoria, South Africa	Hosting of high-level banquet in honour of European Commission Director-General Dr Achilleas Mitsos. Heads of missions of the member states of the EU accredited in South Africa as well as those countries associated with the Sixth Framework Programme for Research of the EU were invited to the first annual ESASTAP Prestige Banquet with as keynote speaker, Dr Achilleas Mitsos, Director-General of the European Commission's Directorate-General Research. Dr Mitsos' keynote address will be entitled "Strategic Perspectives for Science and Technology Cooperation between South Africa and the EU."	3 4	3.11 4.4



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06 Dec 05	ESASTAP High-level FP7 Seminar	Pretoria, South Africa	High-level FP7 Seminar with Director-General Achilleas Mitsos; SA S&T Promotion in Europe.	2 3 4	2.5 3.1 4.4
6 - 7 Dec 05	Research infrastructures for Developing Countries	Nottingham, United Kingdom	The Director-General of the Department of Science and Technology, Dr Rob Adam, was one of the keynote speakers at the Third European Research Infrastructures Conference, presented by the European Commission. Dr Adam's address was focused on the role played by comparative advantages in international research infrastructure partnerships. Exploiting South Africa's key geographical advantages in for examples areas such as astronomy, or other comparative knowledge advantages, will be the major thrust of promoting South Africa's participation in research infrastructure partnerships under the future Seventh Framework Programme. The Conference was addressed by the European Research Commissioner, Janez Potocnik.	2 3 4	2.5 3.1 4.3, 4.4
08 Dec 05	Earth Observation Seminar	Pretoria, South Africa	Well - attended seminar held at the CSIR's Satellite Applications Centre in Haartebeeshoek. Keynote presentation made by Dr Mitsos. Significant interaction with the SA earth observation community.	2 3 4	2.5 3.1 4.3, 4.4
12 Dec 05	South Africa - European Space Cooperation Workshop	Pretoria, South Africa	The full-day workshop was organised as part of the visit to South Africa by Dr Paul Weissenberg, the Director: Aerospace, Security, Defence and Equipment of the European Commission's Directorate-General Enterprise. The workshop focused on preparing the SA science and technology community for participation in the space activities of the FP7.	2 3 4	2.5 3.1 4.4
14 Dec 05	ICT & International Cooperation: from FP6 to FP7	Pretoria, South Africa	Presentation by Thierry Devars, Project Officer, International Relations Unit, DG information Society and Media, European Commission.	3	3.1, 3.7
15 Dec 05	ICT & International Cooperation: from FP6 to FP7	Cape Town, South Africa	Presentation by Thierry Devars, Project Officer, International Relations Unit, DG information Society and Media, European Commission.	3	3.1, 3.7
20 Dec 05	ESASTAP Internal Review	Johannesburg, South Africa	The ESASTAP team reviewed the successes and challenges experienced during 2005.	5	5.6
10 Jan 06	ESASTAP International Community Presentation	Pretoria, South Africa	Presentation on ESASTAP to the Swiss Embassy.	4	4.3

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23 Jan 06	ESASTAP Industry Presentation	Pretoria, South Africa	Introduction of ESASTAP to Syngenta.	2	2.8
30 Jan 06	Global Change and Ecosystems Research in South Africa	Brussels, Belgium	The Seminar highlighted South Africa's research capacities in fields such as climate change, pollution and environmental risk, the sustainable management of natural resources, environmental technologies, as well as Earth observation and other assessment tools for sustainable development. The Seminar also introduced support and enabling mechanisms, which can facilitate cooperation between SA and European partners in these domains.	2 3 4	2.5 3.1 4.3
30 - 31 Jan 06	South Africa Day in the UK	London, United Kingdom	The SA Minister of Science and Technology, Mosibudi Mangena, participated in South Africa Day at the Royal Society in London. This initiative is the result of continued discussions between representatives of the science and technology communities of both countries. An ESASTAP presentation was made at the event.	2 3 4	2.5 3.1 4.3
03 Feb 06	ESASTAP Industry Presentation	Pretoria, South Africa	Introduction of ESASTAP to IBM.	2	2.8
10 Feb 06	ESASTAP launch in Latvia	Latvia	Presentation of ESASTAP and highlighting of opportunities for collaboration with SA researchers.	1 2 4	1.3 2.7 4.3
20 - 22 Feb 06	Coeur4life workshop	Cape Town, South Africa	Coeur4life aims to professionalise the management of research in these countries, so that international partnerships can be more efficient, public funding spent more effectively and the results of research projects can be validated. Thereby it has the potential to make an essential contribution towards a global role of the European Research Area.	3	3.7
24 Feb 06	ESASTAP Industry Presentation	Pretoria, South Africa	Introduction of ESASTAP to Alcatel.	2	2.8
02 Mar 06	ESASTAP FP6 Top-Up Call Information Seminar	Pretoria, South Africa	A presentation on the Top-Up Call was made to the ESASTAP community (research, public sector, private sector etc.) in the region.	3	3.1, 3.7
14 Mar 06	ESASTAP FP6 Top-Up Call Information Seminar	Pretoria, Cape Town and Durban, South Africa	A presentation on the Top-Up Call was made to HSRC researchers in Cape Town, with video-conferencing facilities in Pretoria and Durban.	3	3.1, 3.7

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14 Mar 06	ESASTAP international community presentation	Cape Town, South Africa	Presentation on ESASTAP as part of the SA-Flanders binational workshop.	4	4.3
16 Mar 06	ESASTAP FP6 Top-Up Call Information Seminar	Cape Town, South Africa	A presentation on the Top-Up Call was made to the ESASTAP community (research, public sector, private sector etc.) in the region.	3	3.1, 3.7
16 Mar 06	ESASTAP FP6 Top-Up Call Information Seminar	Stellenbosch, South Africa	A presentation on the Top-Up Call was made to the ESASTAP community (research, public sector, private sector etc.) in the region.	3	3.1, 3.7
20 Mar 06	South Africa – Czech Republic, R&D Collaboration Day	Prague, Czech Republic	ESASTAP was launched at the Technology Centre AS CR, Prague on 20 March 2006, as part of a European tour undertaken by some of the FP6 National Contact Points.	1 2	1.3 2.7
21 Mar 06	IUA and ESASTAP Collaboration Event	Dublin, Ireland	The Irish Universities Association & ESASTAP hosted a workshop to explore potential research synergies between Ireland and South Africa. An overview of the SA research landscape and the aims and functions of ESASTAP was presented.	1 2	1.3 2.7
22 Mar 06	Third Country Event: Towards FP7: Sharing INCO strengths	Brussels, Belgium	Presentation by ESASTAP team and NCPs on SA R&D strengths followed by a general discussion on how to share INCO strengths so as to better prepare for FP7.	2 3 4	2.5 3.1, 3.2, 3.11 4.3, 4.6
23 Mar 06	EG Liaison Coordinator Event	Den Hague, The Netherlands	Presentation on ESASTAP as part of EG-Liaison organised workshop.	1 2 4	1.3 2.7 4.3
28 Mar 06	An overview of South African - Dutch Cooperation under the Sixth Framework Programme	Pretoria, South Africa	ESASTAP Country Focus Seminar: "Opportunities for Partnership with the Netherlands." The seminar featured keynote speaker, Dr Lucas Beekman, the former Dutch FP6 National Contact Point for sustainable development. Other contributions reviewed success stories of SA - Dutch cooperation in the Framework Programmes.	2 3 4	2.7 3.1 4.3
31 Mar 06	ESASTAP International Community Presentation	Pretoria, South Africa	Presentation on ESASTAP to Italian delegation.	2 3 4	2.7 3.1 4.3

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06 Apr 06	NCP National Coordinator Meeting	Brussels, Belgium	Attended the NCP Meeting hosted by the European Commission and disseminated ESASTAP literature.	2 3 4	2.5 3.1, 3.2, 3.11 4.3, 4.6
10 Apr 06	FP7 Biodiversity Workshop	Cape Town, South Africa	Presentation by Martin Sharman from the EC; request for inputs into the work programme.	3	3.1
11 Apr 06	FP7 Biodiversity Workshop	Pretoria, South Africa	Presentation by Martin Sharman from the EC; request for inputs into the work programme.	3	3.1
13 Apr 06	IST-Africa 2006	Pretoria, South Africa	Welcoming IST-Africa 2006 presenters and delegates to Pretoria, Mosibudi Mangena, Minister of Science and Technology, South Africa, noted that "South Africa views the IST-Africa Conference, strategically convened during the preparatory phase of the FP7, as a valuable platform to promote improved ICT research cooperation between African and European partners. Such cooperation will provide invaluable support for the implementation of the ICT activities of the African Science and Technology Consolidated Plan of Action, as adopted by African Ministers responsible for Science and Technology in September 2005. South Africa, through its Meraka Institute, is therefore proud to be the host country for IST-Africa 2006. It is an event, which will also strengthen our own close and strategic science and technology partnership with the EU. It is my hope that the Conference deliberations will serve to further our understanding of, and commitment to, harnessing the immense potential of knowledge and innovation, especially in the field of ICT, to promote global sustainable development and fight poverty in Africa." ESASTAP exhibited at the conference and also hosted a workshop, where FP6 IST project coordinators shared experiences, and provided advice for maximising participation in FP7.	2 3 4	2.7 3.1, 3.7, 3.11 4.3, 4.4, 4.8
25 Apr 06	Workshop - Towards FP7: A South African perspective of INCO participation	Brussels, Belgium	The main goal of the workshop was for SA and European Commission representatives to jointly reflect on the successes and challenges of INCO participation in FP6; and to facilitate SA preparation for FP7 by developing strategies to bolster and grow international research partnerships in the context of Framework Programmes.	2 3 4	2.5 3.1, 3.2, 3.11 4.3, 4.6

DATE	EVENT	VENUE	NARRATIVE	WORK PACKAGE(S)	DELIVERABLE(S)
05 May 06	ESASTAP FP7 Seminar: SME participation in the FP7 and Opportunities for Industrial R&D Cooperation	Johannesburg, South Africa	The focus of the Seminar was on SME participation in EU research and technology programmes. The Seminar was presented with the participation of officials from the European Commission's Directorate-General Research and EurExcel - the European Association of Innovating SMEs.	2 3	2.5, 2.8 3.1, 3.6
08 May 06	ESASTAP FP7 Seminar: SME participation in the FP7 and Opportunities for Industrial R&D Cooperation	Cape Town, South Africa	The focus of the Seminar was on SME participation in EU research and technology programmes. The Seminar was presented with the participation of officials from the European Commission's Directorate-General Research and EurExcel - the European Association of Innovating SMEs.	2 3	2.5, 2.8 3.1, 3.6
8 - 10 May 06	Knowledge for Africa's Development: Innovation, Education, and Information and Communications Technologies	Johannesburg, South Africa	The conference on "Knowledge for Africa's Development: Innovation, Education, and Information and Communications Technologies" aims to enhance understanding and awareness among key African policymakers and interested stakeholders on the key issues that all African countries need to address to access and use knowledge to strengthen their competitiveness and increase their economic and social well-being.	2 3 4	2.5 3.1, 3.2, 3.11 4.3, 4.6
10 May 06	ESASTAP FP7 Seminar: SME participation in the FP7 and Opportunities for Industrial R&D Cooperation	Durban, South Africa	The focus of the Seminar was on SME participation in EU research and technology programmes. The Seminar was presented with the participation of officials from the European Commission's Directorate-General Research and EurExcel - the European Association of Innovating SMEs.	2 3	2.5, 2.8 3.1, 3.6
11 May 06	SARIMA Annual Conference	Johannesburg, South Africa	Presentation made at Conference "ESASTAP – a dedicated platform to promote improved SA-EU S&T cooperation - How can we help you?" Co-hosting of conference banquet.	3	3.1
25 May 06	FP7 Food, Agriculture and Biotechnology Workshop	Pretoria, South Africa	DST hosted a workshop presenting the "Food, Agriculture and Biotechnology" research priority of the EU's Seventh Framework Programme (FP7). The keynote speaker was Dr Antonio Di Giulio, the Head of Unit for Food Quality R&D in the European Commission's Directorate-General Research. Dr Geoff Meese, South Africa's Framework Programme National Contact Point for Food Safety and Quality R&D also participated in the workshop.	3	3.1

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5 - 7 Jun 06	Coeur4L Workshop: European Research and Project Management in Life Sciences	Pretoria, South Africa	A team of leading European experts integrated into the content of the training, their practical experiences obtained in dozens of European research projects as well as the latest news and first-hand information concerning the forthcoming 7th Framework Programme. The workshops were designed to meet the needs of Life Sciences research communities in the partner countries.	3	3.7
07 Jun 06	Discover the World of the IPR-Helpdesk IPR-Regime in FP6 – Outlook FP7	Pretoria, South Africa	Members of the ESASTAP Community had the opportunity to meet with the IPR-Helpdesk representative, Ms Heike Scheuerpflug - an IPR-Helpdesk Officer. Ms Scheuerpflug's presentation focussed on the major intellectual property rights (IPR) issues experienced during the Sixth Framework Programme (FP6), including issues related to the FP6 consortium agreement, access rights and technology transfer. She also specifically outlined the working structure, functionalities and services of the IPR-Helpdesk.	3	3.7
8 Jun 06	Opportunities for Science, Technology and Innovation Partnership between South Africa and Finland Business Forum: South Africa Gateway to Southern Africa	Helsinki, Finland	Ms Noncedo Vutula, Manager, International Information, Department of Science and Technology (DST) presented on "Opportunities for science, technology and innovation partnership between South Africa and Finland" at the Business Forum: South Africa Gateway to Southern Africa.	1 2	1.3 2.7
8 - 10 Jun 06	Coeur4L Workshop: European Research and Project Management in Life Sciences	Durban, South Africa	A team of leading European experts integrated into the content of the training, their practical experiences obtained in dozens of European research projects as well as the latest news and first-hand information concerning the forthcoming 7th Framework Programme. The workshops were designed to meet the needs of Life Sciences research communities in the partner countries.	3	3.7
13 – 14 Jun 06	Workshop on South African-French Research Cooperation	Paris, France	Dr Mandi Mzimba, Senior Science and Technology Representative, presented ESASTAP at a workshop on South African-French Research Cooperation arranged by CNRS. South Africa's Ambassador to France, Ms NM Sibanda-Thusi, was a speaker at the Plenary Session opened by the President of CNRS, Catherine Brignac.	1 2	1.3 2.7

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22 Jun 06	South Africa – Italy, R&D Collaboration Day	Rome, Italy	The South Africa - Italy R&D Collaboration Day meeting was organized jointly by ENEA, the Italian National Agency for New Technology, Energy and the Environment and ESASTAP, in collaboration with APRE, the Agency for the Promotion of European Research. It was aimed at giving information about the EU 7th Framework Programme and creating the basis on which to develop cooperation projects between Italy and South Africa within its scheme.	1 2	1.3 2.7
26 - 27 Jun 06	Innovative South Africa Conference	Brussels, Belgium	"Innovative South Africa" showcased innovation developments in South Africa and provided a platform for developing an innovation policy dialogue between SA and European partners. Recent trends in innovation policy were explored, whilst South Africa's performance in terms of innovation indicators was considered and common benchmarks discussed. A specific objective was to explore innovation cooperation opportunities between South Africa and Europe, including collaboration under the Seventh Framework Programme and the consideration of investment opportunities.	2 3 4	2.5 3.1, 3.2, 3.11 4.3, 4.4
18 Jul 06	ESASTAP Stakeholder Presentation	Pretoria, South Africa	Presentation of ESASTAP to ST-EAP partners.	3	3.2, 3.11
28 Jul 06	South Africa and FP7 Euratom Workshop	Pretoria, South Africa	DST hosted an ESASTAP Workshop to consider the opportunities for SA participation in FP7 of the European Atomic Energy Community (Euratom) for nuclear research and training activities. The SA research community has not yet engaged extensively with the opportunities presented by the Euratom Framework Programmes. The workshop was therefore convened to share information on the new Euratom FP7 at an early stage, both with regard to the content and modalities for participation. The workshop also served to inform the DST's strategies to promote SA participation in the Euratom FP7 as part of ESASTAP. It is envisaged that the Euratom FP7 will be launched at the end of 2006.	3	3.1
02 Aug 06	Participation in the European Union's Framework Programme	Johannesburg, South Africa	A presentation on ESASTAP, FP7 and opportunities to participate in the Framework Programme was held at the University of The Witwatersrand, Johannesburg.	3	3.1

DATE	EVENT	VENUE	NARRATIVE	WORK PACKAGE(S)	DELIVERABLE(S)
18 Aug 06	Launch of ESASTAP FP7 preparation campaign	Pretoria, South Africa	DST held a workshop to launch the ESASTAP campaign to prepare the SA research community for participation in the EU's forthcoming Seventh Framework Programme (FP7). The FP7 will be launched early in 2007. ESASTAP also launched its SIP initiative.	3	3.1
30 Aug 06	Launch of ESASTAP FP7 preparation campaign	Pretoria, South Africa	DST held a workshop at the Onderstepoort Veterinary Institute to launch the ESASTAP campaign to prepare the SA research community for participation in the EU's forthcoming Seventh Framework Programme (FP7). The FP7 will be launched early in 2007. ESASTAP also presented its SIP initiative.	3	3.1
01 Sept 06	Launch of ESASTAP FP7 preparation campaign	Cape Town, South Africa	DST held a workshop to launch the ESASTAP campaign to prepare the SA research community for participation in the EU's forthcoming Seventh Framework Programme (FP7). The FP7 will be launched early in 2007. ESASTAP also launched its SIP initiative.	3	3.1
11 Sept 06	Launch of ESASTAP FP7 preparation campaign	Stellenbosch, South Africa	DST held a workshop to launch the ESASTAP campaign to prepare the SA research community for participation in the EU's forthcoming Seventh Framework Programme (FP7). The FP7 will be launched early in 2007. ESASTAP also launched its SIP initiative.	3	3.1
14 - 15 Sept 06	Climate Change R&D Strategy Workshop: "Towards Finalisation and Implementation"	Cape Town, South Africa	DST hosted a special workshop to inform the development of a National Climate Change R&D Strategy for South Africa. A presentation on the opportunities for climate change R&D under the EU's FP7 formed part of the Workshop agenda.	3	3.1
26 Sept 06	Seminar at INSITE 2006: Seventh Framework Programme (FP7) Support Platforms	Johannesburg, South Africa	The focus of the Seminar was on presenting a number of special support platforms for FP7 to the SA research community, and to describe the important support services they will be rendering to SA FP7 participants in partnership with ESASTAP. Specific presentations outlined each platform's mandate and the support instruments it could avail to promote SA and African participation in the FP7. The Seminar also presented an opportunity for the ESASTAP team to share with the SA research community the latest information on the FP7 preparation as well as progress with the ESASTAP FP7 Summary of Intended Participation (SIP) initiative.	3	3.1, 3.10



DATE	EVENT	VENUE	NARRATIVE	WORK PACKAGE(S)	DELIVERABLE(S)
27 Sept 06	Seminar at INSITE 2006: Knowledge for Africa's Development: Going Forward	Johannesburg, South Africa	The "Going Forward" Seminar had as objective to critically analyse the outcomes and recommendations of the "Knowledge for Africa's Development Conference", in order to inform the implementation of knowledge and innovation strategies in Africa. Concurrently the Seminar also served to present the outcomes of the Conference to a broader SA audience. Speakers at the Seminar included renowned South Africa, African and international knowledge economy experts, representing the public and private sector, the innovation, education and ICT communities	2 3 4	2.5 3.1, 3.2, 3.11 4.3, 4.4
27 - 29 Sept 06	Bio2Biz SA 2006	Durban, South Africa	ESASTAP exhibited at Bio2Biz, the annual biotechnology forum for South Africa, supported by the country's leading biotechnology businesses and organisations. A highlight of the conference was the keynote presentation by Dr Line Matthiessen-Guyader of the European Commission. She spoke at the conference about perspectives for biotechnology research and international cooperation under the 7th EU Framework Programme for Research.	2 3	2.8 3.1
19 Oct 06	ESASTAP Stakeholder Presentation	Cape Town, South Africa	Presentation to invited group from the aeronautics community.	3	3.1
25 - 27 Oct 06	E-challenges Conference	Barcelona, Spain	The E-challenges e-2006 conference is the sixteenth in a series of annual conference supported by the European Commission, which will bring together over 600 delegates from leading commercials, government and research organisations around the world to bridge the digital divide by sharing knowledge, experience, lessons learnt and good practice. The thematic areas to be addressed in the programme will include networked business, e-government and e-democracy, Technology Enhanced learning, Collaborative working Environment, e-Health, GRID, Knowledge Management, Smart and virtual Organisations and International IST Collaboration.	2	2.5
16 Nov 06	Innovation 2010 Seminar	Bryanston, South Africa	The French South African Chamber of Commerce and Industry and South Africa in partnership with the DST and Top 100 hosted a public innovation 2010 Seminar. The seminar focused on science, technology and innovation collaboration opportunities between France and SA	3 4	3.1 4.3

DATE	EVENT	VENUE	NARRATIVE	WORK PACKAGE(S)	DELIVERABLE(S)
21-23 Nov 06	IST 2006:Strategies for leadership		ESASTAP took part in the EC's annual IST Event , which is the main conference, exhibition and networking event focused on European policies, in Information Society Technologies	3	3.1
07-08 Dec 06	FP7 ICT Information Session	Pretoria and Cape Town, South Africa	A representative of the EC, Thierry Devars of DG-INFSO, was in SA on a START IST project mission. ESASTAP took advantage of his visit by organising two FP7 information sessions in Pretoria and Cape Town. Thierry Devars presented the first ICT FP7 Call and discussed Summaries of Intended Participation (SIPs) with all those who submitted in the ICT theme.	3 4	3.1 3.7 4.3
15-17 Jan 07	FP7 Challenge	Switzerland, Berne	ESASTAP participated in support of Challenge 7. All thematic areas were covered	3	3.1 3.7
16-19 Jan 07	Promoting collaboration for FP7 between South Africa and Czech Republic	Pretoria, South Africa	Joint SA - CR workshop and bilateral meetings between SA and CR researchers. The aim of the working visit was to develop ideas for joint proposals for FP7 - priority Food, Agriculture and Biotechnology and to start the preparatory works.	3	3.1
28 Feb 07	FP7 Information Session	Medunsa, South Africa	Representatives from the ESASTAP team visited the institution to provide an overview of the FP7 and to explain the role of ESASTAP in facilitating the collaboration of researchers from South Africa in FP7	3 4	3.1 3.7 4.3
01 Mar 07	FP7 information Session	University of Pretoria, South Africa	Representatives from the ESASTAP team visited the institution to provide an overview of the FP7 and to explain the role of the ESASTAP in facilitating the collaboration of researchers from South Africa in FP7	3 4	3.1 3.7 4.3
15 Mar 07	FP7 information Session	Cape Peninsula University of Technology, South Africa	Representatives from the ESASTAP team visited the institution to provide an overview of the FP7 and to explain the role of ESASTAP in facilitating the collaboration of researchers from South Africa in FP7	3 4	3.1 3.7 4.3
26 Mar 07	FP7 Information Session	Tshwane University of Technology, South Africa	Representatives from the ESASTAP team visited the institution to provide an overview of the FP7 and to explain the role of ESASTAP in facilitating the collaboration of researchers from South Africa in FP7	3 4	3.1 3.7 4.3
28-29 Mar 07	EuroAfrica-ICT Awareness Workshop	Pretoria, South Africa	ESASTAP supported this 2-day event which was a key component of the EuroAfrica-ICT initiative since awareness workshops are aiming at connecting sub-Saharan African and European organisations for ICT partnerships in the framework of the FP7 and to develop scientific and technological cooperation between the two regions	3	3.2

DATE	EVENT	VENUE	NARRATIVE	WORK PACKAGE(S)	DELIVERABLE(S)
12 Apr 07	FP7 Information Session	Vaal University of Technology, South Africa	Representatives from the ESASTAP team visited the institution to provide an overview of the FP7 and to explain the role of ESASTAP in facilitating the collaboration of researchers from South Africa in FP7	3 4	3.1 3.7 4.3
13 Apr 07	FP7 Information Session	University of Johannesburg, South Africa	Representatives from the ESASTAP team visited the institution to provide an overview of the FP7 and to explain the role of ESASTAP in facilitating the collaboration of researchers from South Africa in FP7	3 4	3.1 3.7 4.3
17 Apr 07	FP7 Information Session	University of Zululand, South Africa	Representatives from ESASTAP team visited the institution to provide an overview of the FP7 and to explain the role of ESASTAP in facilitating the collaboration of researchers from South Africa in FP7	3 4	3.1 3.7 4.3
19-20 Apr 07	International Aerospace Symposium	Pretoria, South Africa	In the context of South African government's movement to the consolidation of research and development programs, as well as alignment of various aerospace programmes, the symposium presented international expertise on a range of applicable technologies in one forum and will focus on building sustainable local and international collaborations in the context of the EU FP	2	2.5 2.7
23-27 Apr 07	South Africa Science Day	Brussels	This conference, presented by the SA DST, presented a unique opportunity to gain a comprehensive perspective of the exciting world of science and technology activities in SA, to meet with SA R&D experts and to discuss the opportunities for knowledge and innovation partnerships between Europe and SA.	2	2.5 2.7
02 May 07	Launch of South Africa's FP7 National Contact Points	Pretoria, South Africa	The purpose of this event was to officially introduce the SA NCPs for various FP7 themes and their assistants to the research communities they serve and to outline their role which includes dissemination of relevant Framework Programmes, to provided advice and individual assistance to the R&D communities with regard to participation in the EU's FP	2 3	2.10 3.8
08 May 07	FP7 Information Session	University of Walter Sisulu	Representatives from the ESASTAP team visited the institution to provide an overview of the FP7 and to explain the role of ESASTAP in facilitating the collaboration of researchers from South Africa in FP7	3 4	3.1 3.7 4.3
8-11 May 07	IST Conference 2007	Mozambique, Maputo	Again, ESASTAP took part in the EC's annual IST event , which is the main conference, exhibition and networking event focused on European policies, in Information Society Technologies	3	3.2

DATE	EVENT	VENUE	NARRATIVE	WORK PACKAGE(S)	DELIVERABLE(S)
29 Jun 07	FP7 Information Session	University of Stellenbosch	Representatives from the ESASTAP team visited the institution to provide an overview of the FP7 and to explain the role of ESASTAP in facilitating the collaboration of researchers from South Africa in FP7	3 4	3.1 3.7 4.3
10 Jul 07	Transport Information Sharing session	Pretoria, South Africa	The information session provided answers to many of the questions and concerns that have been received on transport in FP7, and further encouraged meaningful participation of South African organisations in FP7. The session specifically targeted the SA transport industry (public, private and semi-public) within the FP7 transport theme, as well as issues closely related to the theme.	3 4	3.1 3.7 3.9 4.3
9-12 Jul 07	26th Annual Southern African Transport Conference	Pretoria, South Africa	ESASTAP exhibited at this conference which served as a forum for discussion and information exchange on the implementation of transport policy, strategy and technology application for all aspects and modes of transportation. Everyone in any way connected with transport is invited.	2	2.5 2.7 2.8
12-13 Jul 07	SIMBA South Africa National Event	Pretoria, South Africa	This SIMBA event discussed the results from the Priority Workshop held in December 2006 in Stellenbosch, SAca. ITS topics covered included public transport, traffic monitoring and management, city planning, environment and the 2010 World Cup. Automotive topics discussed included recycling processes, flex fuel and collision avoidance. Infrastructure topics include safety, security, maintenance, congestion and materials. Aims of the event included the creation of joint EU-SA expert working groups, project proposals and joint road transport research roadmaps.	2 3	2.7 2.8 3.7
16 Aug 07	FP7 Information Session	University of Free State	Representatives from the ESASTAP team visited the institution to provide an overview of the FP7 and to explain the role of ESASTAP in facilitating the collaboration of researchers from South Africa in FP7	3 4	3.1 3.7 4.3
30 Jul 07	Workshop	Pretoria, South Africa	The DST hosted Dr Stephane Hogan, Head of Unit: Horizontal Aspects and Coordination in the Health Directorate of the European Commission's Directorate General for Research from 30 July to 1 August 2007. Dr Hogan's programme included among others planned workshops on the second EU FP7 Health call	3	3.1 3.7
31 Jul 07	Workshop	Kwa Zulu Natal, South Africa	The DST hosted Dr Stephane Hogan, Head of Unit: Horizontal Aspects and Coordination in the Health Directorate of the European Commission's Directorate General for Research from 30 July to 1 August 2007.	3	3.1 3.7

DATE	EVENT	VENUE	NARRATIVE	WORK PACKAGE(S)	DELIVERABLE(S)
5 Sep 07	FP7 Information Session	Mintek, South Africa	Representatives from the ESASTAP team visited the institution to provide an overview of the FP7 and to explain the role of ESASTAP in facilitating the collaboration of researchers from South Africa in FP7	3 4	3.1 3.7 4.3
18 Sep 07	Knowledge Based Bio-Economy Partnerships for Sustainable Development	Cape Town, South Africa	This second meeting was organised at Bio2Biz 2007 by the DST and the EC's Directorate-General Research. The meeting provided SA and European researchers with a platform to discuss how the EU and SA could strengthen their cooperation and learn from each other in harnessing knowledge and innovation.	2 3 4	2.7 3.1 4.3
7-19 Sep 07	Bio2Biz	Cape Town, South Africa	In a bid to attract the business community to the biotechnology industry, the leading biotechnology organisations around SA jointly established Bio2Biz SA, the annual biotechnology forum. ESASTAP exhibited at this forum.	2	2.5 2.8
20 Sep 07	Security Research and Innovation in South Africa	Brussels	Presentation on security research and innovation in SA delivered by SA FP7 NCP for Security Research, Dr Barend Taute.	2	2.5 2.7
4 Oct 07	Energy Information Session	Cape Town, South Africa	ESASTAP hosted an Energy Information Session in Stellenbosch to discuss the EU FP7 during the Biofuels Workshop.	3 4	3.1 3.7 4.3
5 Oct 07	Talk: Opportunities for participation in the new production technologies component of FP7	Pretoria, South Africa	ESASTAP hosted a talk by Mr Jyrki Suominen, the programme officer for New Production Technologies at the EU's Directorate-General for Research. Presentation: FP7 funding opportunities in the Nanosciences, Nanotechnologies, Materials and New Production Technologies (NMP) theme	3	3.7 3.1
8-9 Oct 07	EURO AFRICA START Workshop	Botswana, Gaborone	Presentation on ESASTAP	2	2.5 2.7
9 Oct 07	ESASTAP Information Session: Socio-economic sciences and humanities	Pretoria, South Africa	The information session provided answers to many of the questions and concerns that have been received on SSH in FP7, and further encouraged meaningful participation of South African organisations in FP7. The session specifically targeted the SA SSH industry within the FP7 SSH theme, as well as issues closely related to the theme.	3 4	3.1 3.7 4.3

DATE	EVENT	VENUE	NARRATIVE	WORK PACKAGE(S)	DELIVERABLE(S)
5 Nov 07	NCP meeting and launch of the International Research Staff Exchange Scheme (IRSES) within the EU Framework Programme mobility instrument	Pretoria, South Africa	At the second Quarterly NCP meeting, the DST unveiled the International Research Staff Exchange Scheme (IRSES) within the EU Framework Programme mobility instrument, aimed at exchanging researchers, technical staff and management between Europe and other countries that have an existing S&T agreement with the EU or are currently in the process of establishing an agreement with the EU member countries.	2	2.10
15-16 Nov 07	EAGLES Workshop	Pretoria, South Africa	ESASTAP sponsored this workshop which aimed to share best practice in the use of ICT to tackle the digital divide in relation to food security. The reference model of interest is that of Ms Swaminathan Research Foundation, India, where over 30 internet centres across villages provide information by satellite for villagers about where to buy seed, when to plant, when to spray, etc. The expectation for the workshop was to critically examine and refine the model so that it could be successfully applied to sub-Saharan Africa. The workshop covered: Food Security; Health; Environment; and Education.	3 4	3.9 4.3
23 Nov 07	ESASTAP/IRSES Presentation	Wits University, South Africa	In preparation of South Africa's Researchers' participation in IRSES, DST through ESASTAP will be embarking on provincial road shows to start informing researchers about the IRSES modalities and opportunities. The road shows will be targeted at universities, science councils, universities of technology and SMEs nationally.	2	2.10
26 Nov 07	Food Safety in Africa Workshop	Cape Town, South Africa	ESASTAP was invited by the World Association of Industrial and technological Research Organisations (WAITRO) to give a brief presentation	3 4	3.1 4.3
28 Nov 07	SA-EU 10 Year Celebrations	Cape Town, South Africa	ESASTAP organised an event to celebrate the tenth anniversary of the coming into force of the South Africa-European Union (SA-EU) Science and Technology agreement. The event was organized on the sidelines of the Group on Earth Observation (GEO) Plenary and Ministerial Summit in Cape Town. Minister Mangena of Science and Technology in South Africa and Commissioner Potocnik of Science and Research in the EU addressed the audience and offered words of gratitude to researchers and the National Contact Points for their role in the successful implementation of the agreement	2	2.5 2.7

## Annexure 9: Deliverables list 2005 - 2007

It should be noted that there has been no differentiation made between the actions and activities carried out by the CSIR and the DST. This is due to the fact that the participants from the two organisations work as an integrated unit, and in the majority of cases, are jointly responsible for or involved in carrying out the various tasks and activities of the ESASTAP project.

Deliverable No	Deliverable name	Associated activities / actions
<b>WP1: Establishment of ESASTAP</b>		
D1.1	Identification, definition and prioritisation of services and activities in cooperation with research communities.	Completed.
D1.2	ESASTAP business plan and project presentation.	Completed.
D1.3	ESASTAP launch functions in SA and Brussels	Completed.
D1.4	Survey undertaken to assess ESASTAP's impact in meeting its key objectives	In progress. Members of the South African Science and Technology community have been invited to participate in the survey and will close on 18 December 2007.
D1.5	Recommendations as to the future ESASTAP structure in consideration of sustainability requirements	Completed. – ESASTAP 2 was launched continued.
<b>WP2: Showcasing science excellence and network and partnership fostering</b>		
D2.1	SA S&T catalogue	This deliverable was no longer pursued as no further progress could be made in contacting the resource persons. It is recommended that links to the various organisations and institutions that have been contacted be posted on the ESASTAP website as a source of information on this aspect as most have websites or databases where this information can be sourced.
D2.2	ESASTAP marketing brochure	Completed.
D2.3	Website, including partnering and funding databases	Completed.
D2.4	Quarterly newsletters	Completed. A single hardcopy newsletter was produced but has since been discontinued based on inputs from the community; it was decided to replace the quarterly newsletters with regular (weekly) e-mail communiqués.
D2.5	2 expert group seminars per annum	Completed. Captured as part of Annexure 8. Note that ESASTAP also highlighted SA S&T expertise at selected conferences and workshops in Europe.
D2.6	SA promotional and networking and partnerships event hosted in Brussels	Completed. The event was held in Brussels in April 2007
D2.7	Minimum of 10 one-to-one meetings and 5 workshops per annum.	Completed. Captured as part of Annexure 8.

Deliverable No	Deliverable name	Associated activities / actions
D2.8	Establish linkages with SME support organisations	Completed. Links available on the ESASTAP website. In addition, SME-directed workshops were held. These workshops were presented with the specific intent of preparing SA SME and industrial companies and organisations, involved in research and development, for participation in FP7. The workshops were designed to inform industry and SMEs of opportunities for accessing international S&T know-how (and funding) in advancing their R&D efforts, and highlight the potential for organisations to network in the international arena with R&D service providers, as well as other commercial players. Stefan Weiers, from the European Commission's Research and SMEs Unit, provided greater detail on FP7, while Rick Hartwig and Mark Wells from Eurexcel (a membership based association of European Small to Medium Sized Enterprises (SME's) interested in harnessing innovation to ensure the long term prospects of their businesses) spoke to the basic rules for participation, and provided case studies of industry participation. SA researchers involved in FP6 projects also shared their experiences. The report on the workshops prepared by Eurexcel was provided in the Year 1 report.
D2.9	Establish contact with IGLOs.	Completed. IGLO is an informal association of Brussels-based non-profit R&D Liaison Offices. The aim of IGLO is to facilitate and enhance the interaction, information exchange and co-operation between Members of IGLO, their national research systems and the European institutions on issues related to EU RTD, in particular, the Framework Programme. Currently there are 20 countries represented, including some who are not EU member states e.g. Turkey and Israel. The ESASTAP team and South Africa's science and technology representatives (Dr Mandi Mzimba and Mr Daan du Toit) maintain regular contact with the IGLO offices and their personnel. Presentations and briefings on ESASTAP have been made frequently in Brussels and IGLO staff has always been invited to these events. Future contact with IGLO will be based around strategic relationships with certain countries and focussed science and technology areas.
D2.10	Targeted initiative to connect potential SA-EU participants with SA and EU hosting institutions for 2005, 2006 Marie Curie calls	Completed and still being progressed further. All ESASTAP presentations highlight the Marie Curie mobility instruments. On inception of ESASTAP, there was limited opportunity under FP6 for promoting the mobility instrument, but a concerted effort will be has been made to promote the FP7 Marie Curie calls, particularly the incoming and outgoing fellowships. In addition, a SA FP7 Mobility NCP was appointed to guide the community in accessing the mobility instruments. A mobility portal was also created on the ESASTAP website. Recently the DST unveiled the International Research Staff Exchange Scheme (IRSES) within the EU Framework Programme mobility instrument, aimed at exchanging researchers, technical staff and management between Europe and other countries that have an existing S&T agreement with the EU. In preparation of South Africa's Researchers' participation in IRSES, DST through ESASTAP will be embarking on provincial road shows to start informing researchers about the IRSES modalities and opportunities. The road shows will be targeted at universities, science councils, universities of technology and SMEs nationally.



Deliverable No	Deliverable name	Associated activities / actions
<b>WP3: Enhancement of SA participation in FP6</b>		
D3.1	Minimum 4 generic FP6 briefing sessions and minimum of 1 specialist workshop / annum in SA	Completed. This deliverable is linked to deliverable 2.5. Captured as part of Annexure 8.
D3.2	Minimum 2 generic FP6 briefing sessions and 1 specialist workshop selected in a SADC country in 24 month period	Completed. Captured as part of Annexure 8. An ESASTAP and FP6 information session was presented to the SADC S&T meeting held in Namibia in June 2005, and to the NePAD S&T Secretariat (John Mugabe) in September 2005. Presentations were also made by the ESASTAP team to the African branch of the World Association of Industrial and Technical Organisations (WAITRO). ESASTAP assisted the African Academies of Sciences, in partnership with the CSIR, in development of the "Science and Technology Europe Africa Project" proposal, and subsequently presented on the Framework Programme to the project participants. ESASTAP also provides(d) various form of assistance to several other Specific Support Actions (support platforms) that will render targeted support for and promote (South / Southern) African participation in specific science and technology thematic areas of the FP7 (The Science and Technology Europe Africa Project (ST-EAP)); Developing a strategic R&D partnership between the EU and Africa in the ICT field (START); Regional Impact of Information Society Technologies in Africa (IST-AFRICA); Improving Project & Research Management skills in Third Countries to stimulate their Cooperation with Europe for Life-Sciences (IMPRESMAN-COEUR4LIFE); Cooperation Network of National Contact Points with a special focus on Third Countries in the area of Food Quality and Safety (FOOD-N-CO); Promoting International Cooperation for Environmental Research Through Dissemination and Networking Activities (INT-ER-LINK); AFRICAN WATER; African Satellite applications and Galileo communications (AFSAGA); Transforming road transport through worldwide cooperation (SIMBA); European Union Developing Countries Laser Processing Initiative (EUDEVLAS)). Other SADC and NePAD initiatives will be planned in collaboration with ST-EAP.
D3.3	Brochure on SA participation in FPs highlighting SA success stories.	Completed.
D3.4	Screening of seed funding applications and funding 20-30 applications / annum.	Completed and still being progressed further. Captured as Annexure 5.
D3.5	Screening of matching fund applications and recommendations to DST.	Completed and still being progressed further. Captured as Annexure 6.
D3.6	SME portal on website	Completed. Link available on the ESASTAP website.
D3.7	Minimum three project preparation workshops over 24 month period.	Completed. Captured as part of Annexure 8.
D3.8	Host NCP content on website.	Completed. New FP7 NCPs were appointed; their pages are the on the ESASTAP website.

<b>Deliverable No</b>	<b>Deliverable name</b>	<b>Associated activities / actions</b>
D3.9	Pro-actively identify SA experts for nomination in collaboration with NRF.	Completed and still being progressed further. Participation in the Framework Programme as expert evaluators is promoted by ESASTAP in all presentations, especially in view of the learning and insight gained by acting as an evaluator. South Africans carried out evaluation in the INCO-DEV, Priority Themes and the Marie Curie instruments. Calls for FP7 evaluators will be published and promoted by the ESASTAP team.
D3.10	Source and disseminate information of EU Technology Platforms.	Completed. The Technology Platforms have played a key role in defining the areas of research that are important for Europe's industry and as such are extremely useful as foresight studies to assist SA S&T providers in understanding the medium to long term direction that EU industry and its supporting research structures will take. This in turn will ensure that South Africa promotes relevant contributions to FP7 consortia. Links to the 30 technology platforms are available on the ESASTAP web site. The Technology Platforms are also a useful mechanism in assisting South Africans to find potential consortium leaders/partners in Europe.
D3.11	Make submissions from SA / SADC / NEPAD to FP7 discussion fora and to EC expressions of interest.	Ongoing. A significant link into the science and technology base of sub-Saharan Africa of an FP6 SSA; has been approved ST-EAP (Science and Technology-Europe Africa Project, Call identifier: FP6-2002-INCO-COMultilatRTD-SSA-5) . ST-EAP became fully operational in May 2007 and aim to perform a similar function as ESASTAP for this wider expertise base.
<b>WP4: Support and enhancement of cooperation relationships</b>		
D4.1	Develop database of cooperation agreements and related supporting actions.	Completed.
D4.2	Dissemination of briefing documents and policy information via website and other means to relevant parties.	Completed and still being progressed further. Documents captured on website under events / news clips / country pages <i>etc.</i> Current instruments such as seed funding and co-investment are aligned to government/DST policies and strategy.
D4.3	Conduct minimum 4 research collaboration promotional exercises / annum.	Captured as part of Annexure 8.
D4.4	Develop specific policy exchange on biotechnology, space <i>etc.</i> versus EC's activities opposite strategy development.	Ongoing. Also see items highlighted under D3.11.
D4.5	Support of priority setting by SA-EU JSTCC and wide dissemination the outcomes of the SA-EU JSTCC based on the Joint Communiqué within SA and the EU.	Ongoing. Also see <a href="http://www.esastap.org.za/esastap/doclibrary/saeuco.php">http://www.esastap.org.za/esastap/doclibrary/saeuco.php</a>

<b>Deliverable No</b>	<b>Deliverable name</b>	<b>Associated activities / actions</b>
D4.6	Contribute to revision of INCO evaluation criteria.	Contribution captured on the ESASTAP website ( <a href="http://www.esastap.org.za/esastap/pdfs/towardsfp7_apr2006_sumrep.pdf">http://www.esastap.org.za/esastap/pdfs/towardsfp7_apr2006_sumrep.pdf</a> ). ESASTAP participated in three consultative meetings organised by the EC; contributed to IGLO discussion document; organised a workshop in Brussels presented by Dr Mandi Mzimba in April 2006. The outcomes were submitted to EC. Also see actions captured under D3.11. A Developing Countries report, compiled by Daan du Toit, was captured in the Year 1 Activity report
D4.7	Annual report to DST regarding best practices studies	Completed. Report captured as part of Annexure 7
D4.8	Raise awareness of NEPAD initiatives in EU	Organised presentation platforms for NEPAD S&T office and e-Africa Commission in Brussels on various occasions. Two high-level meetings held in Brussels inter alia with AU commissioner for S&T and Deputy Minister Hanekom of South Africa to present Africa's S&T Consolidated Plan of Action to the EU Community. Three presentations at EC FP international cooperation workshops in Europe on NEPAD S&T presented on behalf of ESASTAP. Ongoing. Presentation on INCONET and ST-EAP at AMCOST meeting in June 2007
D4.9	Proactively promote resumption of ACP-EU S&T policy dialogue	Ongoing initiative. Dialogue mainstreamed as part of ACP S&T Capacity Building Programme launched in April 2007 with South African participation. South Africa also played a leading part in preparation of Africa INCO-Net FP7.
<b>WP5: Project management</b>		
D5.1	Contractual deliverables on time– reports and milestones.	2005/2006 Annual Activity and management reports submitted 2006/2007 Annual Activity report submitted, Management report submitted late.
D5.2	Contractual deliverables on time – financial statements and information for any audits.	2005/2006 Financial reports submitted 2006/2007 Financial reports submitted
D5.3	Payment of money to participants.	All payments due been made and financial management, co-ordination and administration.
D5.4	Collation of regular financial statements from participants.	Financial statements for participants prepared on quarterly basis.
D5.5	Arrange all coordination meetings and interim meetings.	Weekly meetings held with ESASTAP team.
D5.6	Monitoring, evaluation and managing project activities via Management structure.	Ongoing communication and co-ordination between DST and CSIR project leaders.
D5.7	Ensure delivery of reports.	2005/2006 Annual Activity, Management and financial reports submitted 2006/2007 Annual Activity and financial reports submitted on time, Management report submitted late.
D5.8	Compile information for dissemination purposes and final plan for using and disseminating knowledge	Completed and still being progressed further. Regular updating of ESASTAP website; e-communiqués, and recording of ESASTAP activities and best practices for publication.
D5.9	Reporting on gender and transformation issues.	Completed.

