

# ESASTAP Plus

## Strengthening Technology, Research and Innovation Cooperation between Europe and South Africa



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**Mrs Mamohloding Tlhagale**  
**Director Strategic Partnerships, DST**  
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# Reflection on Achievements

- Strong science and technology policy dialogue between SA-EU
- Increased awareness of EU competitive funding programmes and networks, and successful participation thereof
- Establishment of an effective SA National Contact Point (NCP) network
- Understanding and promotion of SA programmes promoting reciprocity
- Development of strong long-term strategic relationships and partnerships

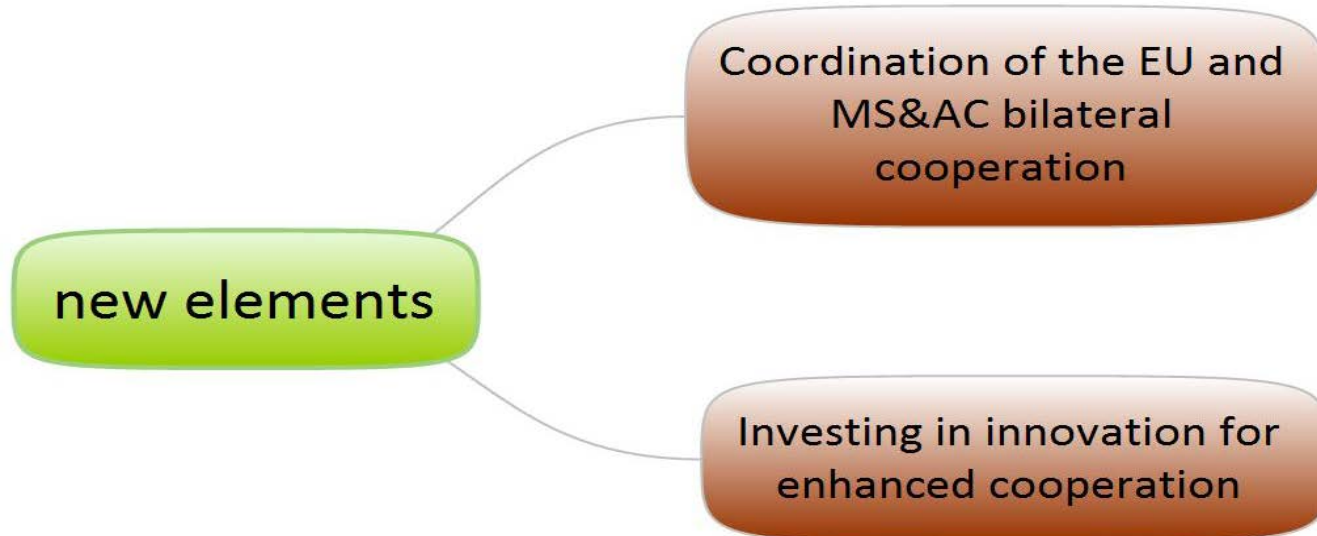


# ESASTAP Plus Evolution

- **ESASTAP Plus** is the successor of a long and successful efforts, namely **ESASTAP** and **ESASTAP<sup>2</sup>**
- But also **SAccess**



# What's New?



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# Objectives

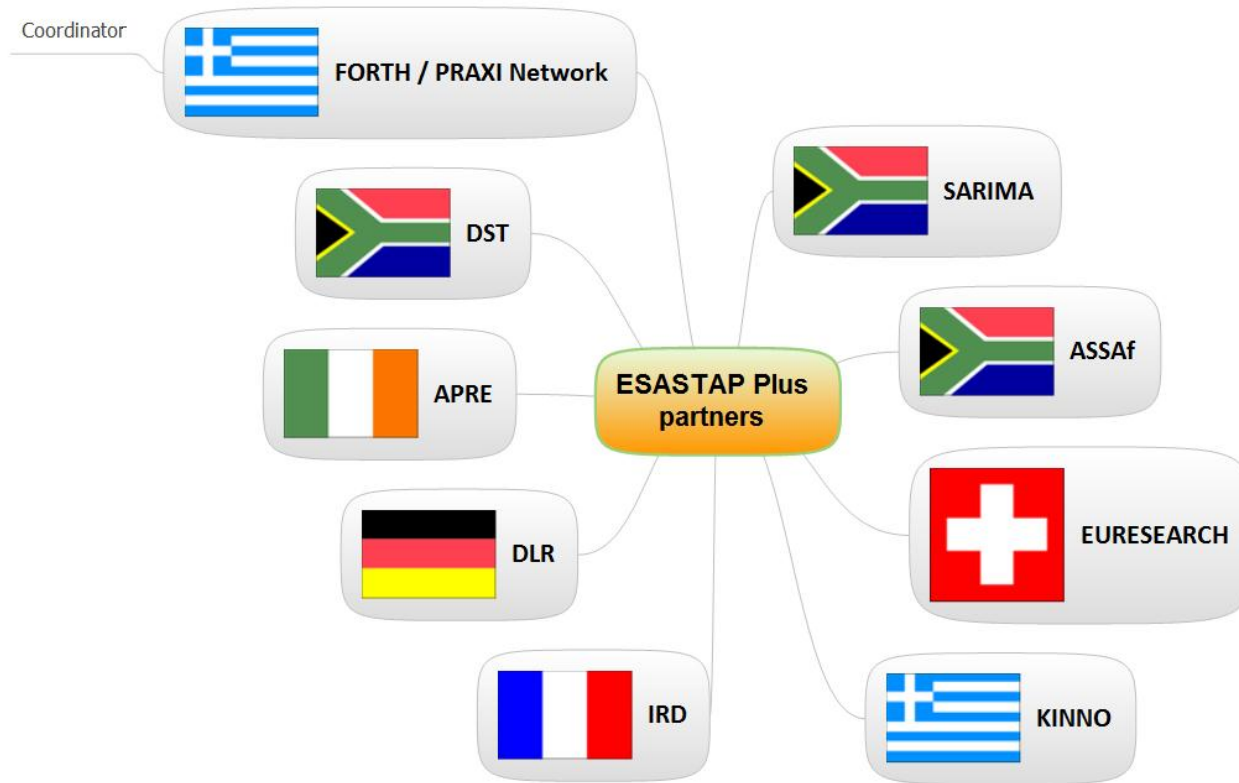
**ESASTAP Plus will support the deepening of scientific and technological cooperation, with a special focus on innovation**

- Enrich science and technology innovation policy dialogue;
- Promote strategic cooperation under key instruments, chiefly Horizon 2020;
- Better coordinate and exploit synergy between EU, MS and SA programmes, and
- Expand cooperation to specifically address innovation partnerships.



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# Partnership



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# EU OPPORTUNITIES



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# Horizon 2020

- The European Commission's programme for research and innovation focused on excellence in science, industrial leadership and addressing societal challenges in Europe
- Support projects that will bridge the gap between research and market/industry, coupling research to innovation (from research to retail)
- From 2014-2020 with a budget of 80 B €
- Calls for proposals, minimum of 3 European partners from 3 different EU MS or AC
- Work Programme run for a 2 year period, and open to Third countries with full funding for all calls except opportunities for SMEs calls



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# Research areas/priorities

- Space
- Secure, clean and efficient energy
- Smart, green and integrated transport
- Secure societies
- ICT
- Leadership in enabling and industrial technologies / nanotechnology, materials and production technology
- Food security, sustainable agriculture, marine and maritime research, and bio-economy



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# Research areas/priorities....

- Euratom (for nuclear energy research, no funding for non-EU countries)
- Research Infrastructure
- Health, demographic change and well-being
- Climate action, resource efficiency and raw materials
- Social Sciences (Innovative, inclusive and reflective societies; and science in societies)



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# Research areas/priorities....

Mobility opportunities through Marie Skłodowska Curie Actions (MSCA)

- **Innovative Training Networks:** Support for doctoral and early-stage training, European Training Networks, European Industrial Doctorates, European Joint Doctorate
- **Individual Fellowships:** Support for experienced researchers undertaking international and inter-sector mobility
- **Research and Innovation Staff Exchange:** International and inter-sector cooperation through the exchange of staff
- **Co-funding** of regional, national and international Doctoral and fellowship programmes



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# EUREKA NETWORK

- **An intergovernmental network** established in 1985 to promote international, market-oriented research and innovation
- **Market oriented:** Research results must be a marketable product, process or service for civilian use
- Financed through **national and regional public and private funding**  
**Bottom-up:** the participants usually led by industry decide on the project aim. There is no thematic restriction
- Support to small and medium-sized enterprises (SME), large industry, universities and research institutes performing close to end research



# EUREKA Network....

## Individual EUREKA projects:

- Small, shorter-term projects and bottom-up approach

## EUREKA Umbrellas:

- Thematic networks which focus on a specific technology area or business sector
- Facilitate the generation of EUREKA projects within area of thematic focus

## Clusters:

- Medium-term, strategically-significant initiatives



## ***EUREKA has 41 full members***



- |                |                 |                                     |
|----------------|-----------------|-------------------------------------|
| Austria        | Denmark         | Portugal                            |
| Belgium        | Estonia         | Romania                             |
| Bulgaria       | European Union  | Russian Federation                  |
| Croatia        | Finland         | San Marino                          |
| Cyprus         | France          | Serbia                              |
| Czech Republic | FYR Macedonia   | Slovakia                            |
|                | Germany         | Slovenia                            |
|                | Greece          | Spain                               |
|                | Hungary         | Sweden                              |
|                | Iceland         | Switzerland                         |
|                | Ireland         | Turkey                              |
|                | Israel          | Ukraine                             |
|                | Italy           | United Kingdom                      |
|                | Latvia          |                                     |
|                | Lithuania       | <i><b>Transitional status:</b></i>  |
|                | Luxembourg      | <i>Albania</i>                      |
|                | Malta           | <i>Bosnia-Herzegovina</i>           |
|                | Monaco          |                                     |
|                | Montenegro      | <i><b>Associated countries:</b></i> |
|                | The Netherlands | <i>South Korea ,Canada,</i>         |
|                | Norway          | <i>and South Africa</i>             |
|                | Poland          |                                     |

# COST NETWORK

- European Cooperation in Science and Technology (COST) started in the 80s
- “Bottom-up” approach, and focus on multidisciplinary cooperation
- Promote early stage researchers, and complements the Framework Programme

## How to participate

- Get in touch with the Action Chair, and agree on the mutual benefit of your participation
- After approval inform the DST and apply for funding to participate in the COST activities (workshops, short missions and projects)





# COST NETWORK PRIORITIES...

1. Biomedicine and Molecular Biosciences (BMBS)
2. Chemistry and Molecular Sciences & Technologies (CMST)
3. Earth System Science & Environmental Management (ESSEM)
4. Food & Agriculture (FA)
5. Forests, their Products and Services (FPS)
6. Individuals, Society, Culture & Health (ISCH)
7. Information & Communication Technologies (ICT)
8. Materials, Physical & Nanosciences (MPNS)
9. Transport & Urban Development (TUD)





# EDCTP2

- The European & Developing Countries Clinical Trials Partnership (EDCTP)
- Aims to contribute to the reduction of the social and economic burden of poverty-related diseases (PRDs) in developing countries, in particular in sub-Saharan Africa
- Accelerate the clinical development of effective, safe, accessible, suitable and affordable medical interventions for PRDs in partnership with sub-Saharan Africa.
- The programme supports all phases (I to IV) of **clinical trials** for new or improved medical interventions, advanced testing and field validation of new diagnostic tools, as well as **capacity development** for clinical trials and related research in sub-Saharan Africa, and **fellowships**.



# EDCTP2...

- Supported PRDs

HIV/AIDS, malaria, tuberculosis and the neglected infectious diseases (NIDs) such as: dengue; rabies; human African trypanosomiasis (sleeping sickness); Leishmaniases; cysticercosis/taeniasis; dracunculiasis (guinea-worm disease); echinococcosis; foodborne trematodiasis; lymphatic filariasis; onchocerciasis (river blindness); schistosomiasis; soil-transmitted helminthiasis; Buruli ulcer; leprosy (Hansen disease); trachoma; yaws; diarrhoeal infections; lower respiratory infections; as well as emerging infectious diseases of particular relevance for Africa, such as Ebola.



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# ENTERPRISE EUROPE NETWORK (EEN)

- Aims to help small business make the most of the European marketplace through local business organisations.
- Assist SMEs with developing business in new markets, source or license new technologies, legal and IP advise, or EU law and standards or access EU finance and EU funding.
- Approximately 600 member organisations (chambers of commerce and industry, technology centres, universities and development agencies) across the EU and beyond, and it brings together business support organisations from more than 50 countries.



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# ENTERPRISE EUROPE NETWORK (EEN)...

- 17 EEN sector groups responsible for organising brokerage activities and identifying EU funding opportunities):

[Aeronautics and Space](#), [Agrofood](#), [Automotive](#), [Transport and Logistics](#), [BioChemTech](#), [Creative Industries](#), [Environment](#), [Healthcare](#), [ICT Industry & Services](#), [Intelligent Energy](#), [Maritime Industry and Services](#), [Materials](#), [Nano- and Microtechnologies](#), [Services and Retail](#), [Sustainable Construction](#), [Textile & Fashion](#), [Tourism and Cultural Heritage](#), and [Woman Entrepreneurship](#),



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# Where to find us

E-mail: [contact@esastap.org.za](mailto:contact@esastap.org.za)  
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Final calls!  
Open calls are available on the EC's Participant Portal

Research funding  
For South Africans  
For Europeans

Recent updates

- PhD scholarships: Solar Thermal Engineering
- Call for expression of interest: South African Researchers to attend the Digital Europe ICT 2013
- Call for proposals: EUREKA Clusters
- Call for proposals: IAU Office of Astronomy for Development
- Presentations: EUREKA network, opportunities and benefits
- Grants: ERC Grant Schemes
- Opportunities: EMBO activities open to scientists based in South Africa

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**Dankie**

**Enkosi**

**Ha khensa**

**Re a leboga**

**Ro livhuwa**

**Siyabonga**

**Siyathokoza**

**Thank you**



[www.dst.gov.za](http://www.dst.gov.za)

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