

ESASTAP Plus

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



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

A dedicated platform for the
enhancement of European –
South African Scientific and
Technological cooperation,
with emphasis on innovation

South Africa & the blue economy

- National Development Plan – vision 2030
- White Paper on the National Management of the Oceans
- SA Government – operation Phakisa - unlocking the Economic Potential of South Africa's Oceans
- Included Marine protection services and ocean governance - recognises that South Africa needs to continuously balance the economic opportunities which our ocean space affords while maintaining its environmental integrity.



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International collaboration (Bilateral)

- Several bilateral agreements
- Areas of priorities – negotiated
- Climate change and environment feature (includes some of the broad areas related to marine)
- Various instruments – bilateral research calls, flagship initiatives, human capital development initiatives, etc



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International collaboration (multilateral)

- International Institute for Applied Systems Analysis (IIASA) Water future initiative and the Arctic futures flagship –WRC
- UNESCO International Oceanography Programme – DST – the UNESCO science sector chair
- Indian Ocean Rim Association (IORA) - WRC- to establish an Indian Ocean dialogue network - mechanism to assist scientists within the IORA to share ideas and research findings (not Atlantic – but marine)

• Etc.....



ESASTAP achievements (1)

- Awareness of the EU funding programmes in SA - Increased SA participation in FP7 and H2020, (currently fifth 3rd country Participant)
- Strong brand name and good reputation with science councils and research organisations in Europe and South Africa
- Establishment of an effective South African National Contact Point (NCP) network for H2020 themes
- Highlighted the SA-EU research cooperation during the SA-EU Summits since 2008



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ESASTAP achievements (2)

- Provision of input to the S&T policy dialogue and contribute to implementation of activities
- Establishment of a forum to facilitate SA programmes awareness activities in Europe (reciprocity)
- Identification of focus areas for coordination of EU R&I cooperation programmes with SA & a roadmap for the coordination process
- Thorough analysis of the South African innovation landscape and framework conditions
- Enhanced innovation capacity and partnerships through dedicated events
- Established funding instruments to support SA participants to the EU funding programmes



Funding instruments / Financial support mechanisms

- Seed funding – for SA researchers preparing for participation in H2020, EDCTP, up to 80% of expenses
- Co-investment funding – for SA researchers participating in approved FP7/H2020, EDCTP,project needing matching funding
- Mobility matching fund – for SA researchers participating in approved Marie Sklodowska Curie or European Research Council (ERC) projects
- Networking support for participation in COST, EUREKA and EEN network activities



ST&I Policy dialogue

- The 2014 meeting of the South Africa-European Union Joint Science and Technology Cooperation Committee identified marine research as one of the focus areas for EU-South Africa cooperation in science, technology and innovation.
- ESASTAP Plus supports through the Twinning of RTOs Programme and a dedicated event



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Existing Collaboration

South African participation in broad marine related projects:

- 14 projects under FP7
- 8 projects under FP 6
- 7 projects under FP 5
- 4 projects under FP 6



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Advisory and Support instruments

Twinning of RTOs Programme (between Member States & Associated Countries and SA)

Programme Objective

To support exchange of ideas, information and best practices, and explore potential partnering between EU and SA research and technology organisations

In the areas of Marine
**Sciences including Polar
Science, Raw Materials,
Mineral & Mining Research**



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In the area of **Marine Sciences including Polar Science**, funds granted to:

- France (National Centre for Scientific Research – CNRS: LEGOS), Germany (Leibniz Center for Tropical Marine Ecology and Institute of Geology, University of Hamburg) and South Africa (Marine Research Institute, University of Cape Town)
- Portugal (Centre of Oceanography, Faculty of Sciences, University of Lisbon) and South Africa (Nelson Mandela Metropolitan University)
- France (CNRS Institut Pluridisciplinaire Hubert Curien - UMR7178) and South Africa (Percy FitzPatrick Institute, University of Cape Town and Nelson Mandela Metropolitan University)
- Poland (Palaeo-oceanology Unit, University of Szczecin) and South Africa (Coastal and Marine Research Institute, Nelson Mandela Metropolitan University)

**Workshop to explore potential for South Africa-European Union
marine research partnerships**

**“Harnessing science and technology for sustainable blue growth
including within the framework of the Atlantic Ocean Research
Alliance”**

Athens 1-2 April 2014

Themes of the workshop:

- Improving the preservation and sustainable exploitation of Atlantic maritime resources
- Forecasting and anticipating effects of climate change on fisheries and aquaculture
- Ocean literacy – Engaging with society – social innovation
- Preparing for the future innovation offshore economy

Most prominent themes for cooperation:

- Coastal management systems
- Aquaculture
- Food security
- Forecasting climate change on fisheries and aquaculture
- Ocean Observation
- Relations science-governance



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Thank you

For more information:

www.esastap.org.za

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