

ESASTAP Plus

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



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Cooperation between Europe and South Africa

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Overview

- ESASTAP Plus
- Horizon 2020
- COST programme



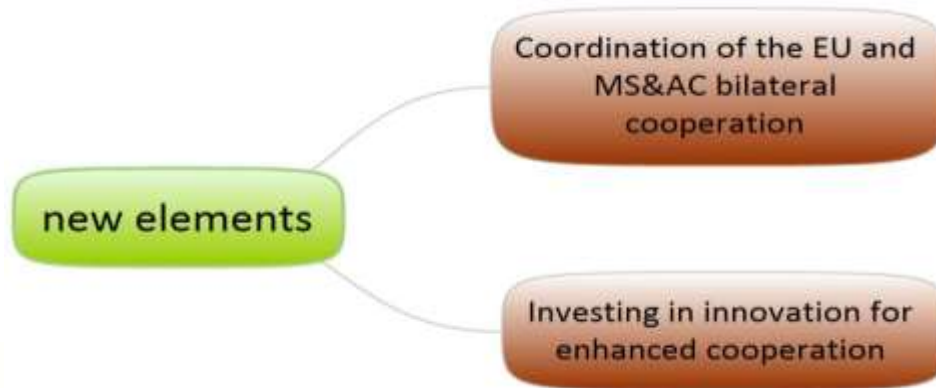
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What is ESASTAP Plus

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



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Partners

Partner Institution	Country
Foundation for Research and Technology Hellas (FORTH)	Greece
Department of Science and Technology (DST)	South Africa
Academy of Science for South Africa (ASSAF)	South Africa
Southern Africa Research and Innovation Management Association (SARIMA)	South Africa
Institut de Recherche pour le Developpement (IRD)	France
Institut de Recherche pour le Developpement (APRE)	Italy
German Aerospace Centre: International Bureau of the German Federal Ministry of Education and Research (DLR)	Germany
Kinno Knowledge and Innovation Consultants (KINNO)	Greece
Verein Euresearch (EURESEARCH)	Switzerland



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Project responsibilities

Enhancing SA-EU S&T
cooperation through
participation in
reciprocal
programmes

Coordination of the EU
and MS&AC bilateral
cooperation

INNOVATION
cooperation

Dissemination and Outreach



Support Instruments

- **Awareness-raising & information:**
 - Website: <http://www.esastap.org.za>, and E-mail updates to ESASTAP Plus community
 - Marketing material, Information sessions, trainings and thematic workshop (specific to SA audience for FP, and to EU audience for reciprocal programmes)
- **Advisory and support mechanisms:**
 - Help desks (contact@esastap.org.za)
 - DST S&T representative in Brussels
 - SA NCP network
 - Events/training



Support Instruments

- **Financial support**

- [Framework Programme Seed Funding](#): support to cover some of the travel costs of SA researchers traveling to Europe to engage with European partners regarding FP and other EU collaboration. Alternatively funding can be granted to support the travel of European researchers to SA
- [Framework Programme Strategic Co-investment Funding](#) successful South African FP participants which do not receive full funding from the European Commission for their FP and ot project costs - as is possible under the FP funding rules - can apply for a strategic co-investment in their participation and receive funding for part of the remaining projects costs from DST



Support Instruments

Partner-matching and twinning service:

- Dedicated partner-matching events locally and internationally
- Exchange of information, ideas, and best practices between researchers



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What is Horizon 2020

- The EC programme aimed at building competitive industries, better societies and excellence in science
- The programme is envisaged to support projects that will bridge the gap between research and market/industry
- From 2014-2020 with a budget of 80 B €
- Bring together the FP, Competitive and innovation programme (CIP) and the Europe initiative of innovation and technology (EIT)



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Horizon 2020 Themes

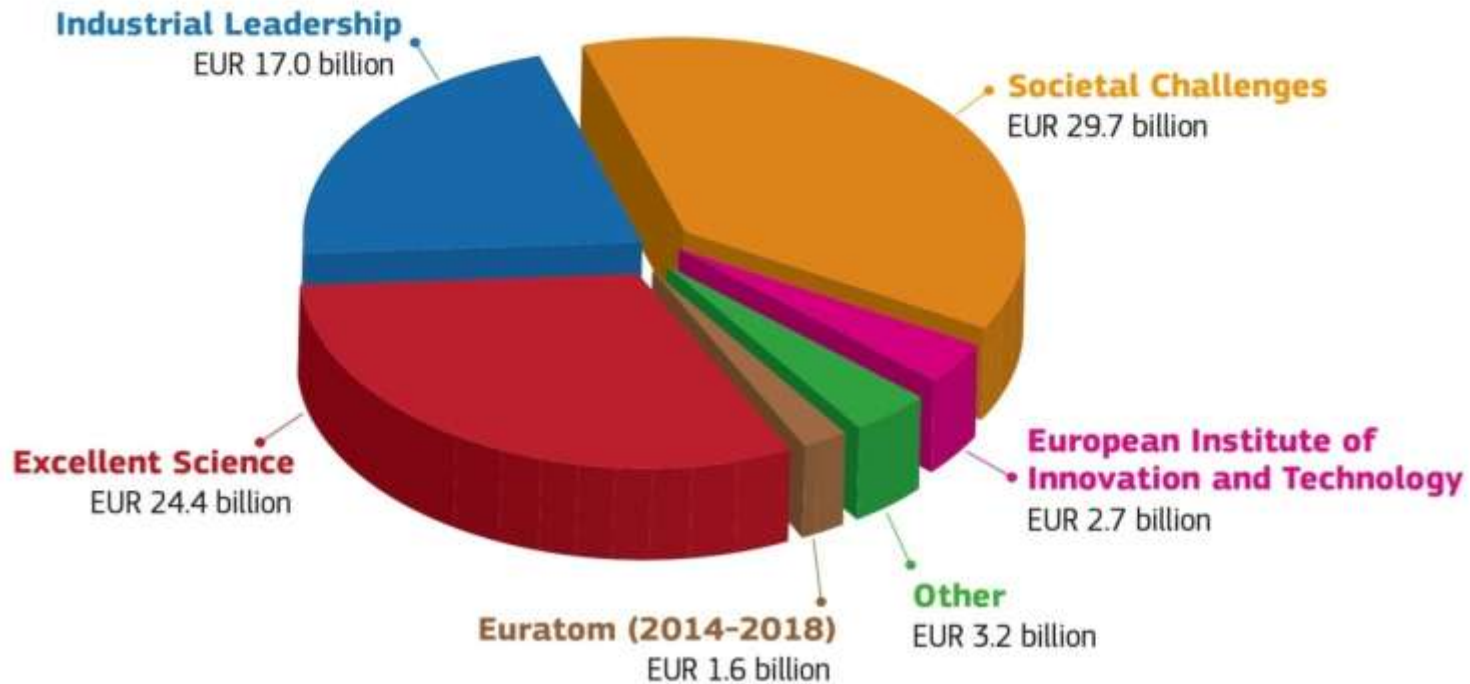
- ICT
- Space
- Energy
- Smart, green and integrated transport
- Secure societies
- Leadership in enabling and industrial technologies / nanotechnology, materials and production technology
- Health, demographic change and wellbeing
- Food security, sustainable agriculture, marine and maritime research, and bio-economy
- Climate action, resource efficiency and raw materials
- Euratom
- Research Infrastructure
- Innovative, inclusive and reflective societies, and science for society



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HORIZON 2020 Budget

HORIZON 2020 BUDGET (in current prices)



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H2020 priorities

Excellent science

- European Research Council (ERC): Frontier research by the best individual teams
- Future and Emerging Technologies: Collaborative research to open new fields of innovation
 - Marie Skłodowska-Curie actions (MSCA): Opportunities for training and career development:
- Research infrastructures(including e-infrastructure): Ensuring access to world-class facilities

Industrial leadership

- Leadership in enabling and industrial technologies (LEITs): ICT, nanotech, materials, biotech, manufacturing, space:
- Access to risk finance: Leveraging private finance and venture capital for research and innovation
- Innovation in SMEs: Fostering all forms of innovation in all types of SMEs

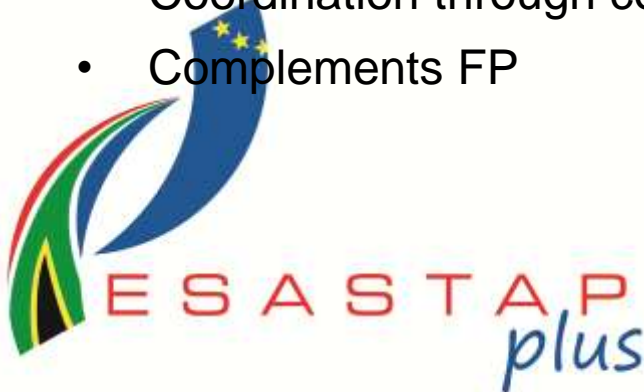
Societal challenges

- Inclusive and reflective societies
- Science with and for society
 - Spreading excellence and widening participation



COST

- COST – European Cooperation on Science and Technology
- A networking platform for European and non-European researchers on specific research and technological areas
- European Cooperation in Science and Technology (COST) started in the 80s
- “Bottom-up” approach
- Focus on multidisciplinary cooperation
- Promote early stage researcher
- Coordination through cooperation in networks
- Complements FP



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COST

- DST/COST reciprocal agreement, June 2009.
- Aims to respectively fund SA and EU researchers undertaking short-term scientific missions to Europe and SA, related to SA's participation in COST actions

How to participate

- Get in touch with the Action Chair
- Agree on the mutual benefit of your participation
- The Action Chair starts a formal procedure to get your institution's participation approved
- Contact ESASTAP in the meanwhile about your COST application
- Travel to Europe and establish scientifically productive and trustful collaborations



COST Domains

- Biomedicine and Molecular Biosciences (BMBS)
- Chemistry and Molecular Sciences & Technologies (CMST)
- Earth System Science & Environmental Management (ESSEM)
- Food & Agriculture (FA)
- Forests, their Products and Services (FPS)
- Individuals, Society, Culture & Health (ISCH)
- Information & Communication Technologies (ICT)
- Materials, Physical & Nanosciences (MPNS)
- Transport & Urban Development (TUD)



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For more information:

www.esastap.org.za

E-mail: contact@esastap.org.za

Twitter [@ESASTAPPlus](https://twitter.com/ESASTAPPlus)

www.cost.eu



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