

PREFACE

The ***Updated map of the innovation landscape in South Africa & Framework Conditions 2016*** contains updated information and data for policy makers, researchers, programme owners and innovation organizations as well as small and medium enterprises interested in EU-South African linkages and offers through a variety of means. It offers insights on the EU-South African Partnership in Science, Technology and Innovation providing an overview on the current state-of-play of innovation in SA. The report is part of the task 3.1. Identification of the innovation framework conditions and creating an enabling environment to enhance SA-EU cooperation of the ESASTAP 2020 project. The project, started in February 2016, is funded under Horizon 2020 framework programme and it will last three years.

ESASTAP 2020 – *Strengthening Technology, Research and Innovation Cooperation between Europe and South Africa.*

The ESASTAP 2020 project is a coordination and support action funded under Horizon 2020 Framework Programme that aims at advancing further the EU-SA bilateral STI cooperation, building on the work and results of three preceding actions and responding to the needs and recommendations at the policy dialogue level, in particular to the mandate of the JSTCC and to the adopted Roadmap for cooperation between South Africa and the European Union. The project aims to provide efficient services on three levels (priority areas):

- R&I Cooperation in areas of common interests (Horizon 2020 and others).
- Policy Dialogue between EU and SA and by increasing the knowledge of the EU's external environment.
- Provision of a Cooperation platform and tools to alleviate obstacles.

These priority areas translate into four major objectives that are the following:

1. Enhance the R&I cooperation under the main programmes and thematic areas of common interest
2. Enrich and facilitate the policy dialogue
3. Fostering Innovation partnerships
4. Promote greater coordination and synergy

ESASTAP 2020 is coordinated by the PRAXI Network, a specific unit of FORTH (Foundation of Research and Technology Hellas) in Greece which was created from a strategic alliance of the Research and the Industrial world in Greece. PRAXI is one of the main NCP organisations in Greece, it participates in the Greek Enterprise Europe Network consortium and runs the liaison office for FORTH.

The partners responsible for implementation and execution of ESASTAP 2020 activities include:

- **Department of Science and Technology (DST)**, South Africa - the national government authority responsible for science, technology and innovation policy in South Africa (SA).
- **Academy of Science of South Africa (ASSAf)**, South Africa - <http://www.assaf.org.za/> is the official national science academy recognised by the South African government through the passage of the ASSAf Act, *Act No. 67 of 2001*, which came into operation in May 2002. ASSAf aspires to be the apex organisation for science and scholarship in South Africa, recognised and connected both nationally and internationally. Through its membership which represents the collective voice of the most active scholars in all fields of scholarly enquiry, ASSAf aims to generate evidence-based solutions to national problems.
- **Agency for the Promotion of the European Research (APRE)**, Italy - a non-profit research organisation, created upon the joint initiative of the Italian Ministry of Research and the European Union in 1989, grouping together more than 100 member organisations, including both public and private research centres, industries, industrial associations, chambers of commerce, science parks and 40 universities, with the main objective to promote the participation on national and European RTD programmes.
- **Project Management Agency – part of the German Aerospace Center (PT-DLR)**, Germany - is a research funding organisation supporting the Federal Ministry of Education and Reserach (BMBF) and the Federal Ministry of Economics and Technology (BMWl), along with other Federal Ministries, in the implementation of programme-related project funding.
- **L'Institut de recherche pour le développement (IRD)**, France - is a French public research institute addressing international development issues. It reports to the French Ministries of Research and of Foreign and European Affairs.
- **The National Research Foundation (NRF)**, South Africa - was established through the National Research Foundation Act (Act No 23 of 1998), following a system-wide review conducted for the Department of Arts, Culture, Science and Technology (DACST). The NRF provides services to the research community especially at Higher Education Institutions (HEIs) and Science Councils, with a view to promote high-level human capital development. The NRF aims to uphold excellence in all its investments in knowledge, people and infrastructure.
- **The Research Council of Norway (RCN)**, Norway - is a national strategic and funding agency for research activities, and a chief source of advice on and input into research policy for the Norwegian Government, the central government administration and the overall research community. Norway has bilateral research agreements with a number of countries outside the EU/EEA. Eight of these countries have status as priority partner countries: Brazil, Canada, China, India, Japan, Russia, South Africa and the US.
- **The Technology Innovation Agency (TIA)**, South Africa - is a national public entity in South Africa that is intended to serve as a key institutional intervention to bridge the innovation chasm between R&D and commercialisation. The Agency provides financial and non-financial support to a range of stakeholders that include higher education institutions and science councils to other public

entities and the private sector. TIA's mandate is unique because it is a state-funded organization specifically charged with the responsibility of bridging the innovation gap. Funding obtained from TIA is used to drive the development of technology from the proof of concept phase to the technology demonstration phase. TIA's role within the National System of Innovation (NSI) is to provide leadership in the space of technology innovation and thus represents government's effort to consolidate the System. The enactment of the TIA Act (Act 26 of 2008) has been largely predicated on supporting innovation that would spur industrial expansion, SMME development and trade and investment that will contribute towards the growth of the economy.

ZENTRUM FÜR SOZIALE INNOVATION GmbH ZSI, Austria - is an independent scientific institution, founded 1990 as an associated and transferred in 2014 into a non-profit limited liability company. ZSI deploys socio-scientific research, education, advisory and networking services. Its department for "Research Policy and Development" pools 20+ experts for scholarly methods to gather scientific inputs for evidence-based policy and well experienced project and dissemination managers in the field of international STI cooperation. Core competences of ZSI include the development of knowledge about research and innovation policies, analysis of their internationalization, communication towards the political and public sphere and operationalization of recommendations in projects. This expertise will support the implementation of the project's analysis and communication activities. ZSI is in close cooperation with the Austrian Federal Ministry for Science, Research and the Economy (BMWFW) and has been supported for the ESASTAP 2020 project by the Ministry.