Supported by

IST-Africa Horizon 2020 Workshop

17 November 2014
Ghion Hotel, Addis Ababa, Ethiopia

Organised by the Ministry of Communication and Information Technology (MCIT), Ethiopia in cooperation with IIMC, Ireland (IST-Africa Project Coordinator) as part of IST-Africa Initiative supported by the European Commission under FP7

Workshop Goals

The purpose of the workshop is to work with pre-selected stakeholders relevant to ICT39 to identify the points below to assist them in short-listing potential areas for cooperation:

a) Which thematic areas are most relevant for Ethiopia (eHealth, eAgriculture, eLearning, Environment, eGovernment, Digital Inclusion) and why? (Capacity of the country, Alignment with national policy)

b) What are the end-user needs for each of the specific thematic areas short-listed – bearing in mind that this is a research and development project?

c) Who are the key stakeholders that should be consulted (e.g. public, private, education and research and societal sector organisations) for each of the short listed thematic areas?

d) Who are the key stakeholders that could undertake the project work and what work exactly could they do? It could be that one partner from your country is directly involved in a specific project work and other stakeholders are beneficiaries of the results and participate in pilot actions to test the solution.

e) For each of the thematic areas short-listed, what other African countries should be involved in addition to the necessary European countries and why?

f) What European organisations has your organisation already engaging with in relation to the thematic areas selected? Please follow up with your colleagues in relation to this prior to the workshop to identify formal and informal relationships that can be leveraged.

Pre-Registration

While there is no charge for participation at the IST-Africa Workshops, **pre-registration is required**. Please contact Senait Berihu for more information. All participants are responsible for any travel costs incurred. It is necessary to complete and return an organisational profile in electronic format in English prior to the workshop.

Workshop Agenda

09:00   **Welcome Address**
Ministry of Communication and Information Technology, Ethiopia

09:15   **IST-Africa Initiative**
Paul Cunningham
CEO, IIMC International Information Management Corporation Ltd, Ireland

09:30   **Introduction to Horizon 2020**
Dr Leulseged Alemie
Ministry of Communication and Information Technology, Ethiopia

09:50   **Horizon 2020 – Findings from initial Calls**
Stéphane Hogan
Counsellor for Research & Innovation, Delegation of the European Union to the African Union

10:10   **Introduction from Participants**
Each participating organisation briefly introduces itself, its research interests relevant to Horizon 2020 and briefly outlines research track records in relevant areas.

11:00   **COFFEE BREAK: Networking Opportunities**

11:25   **ICT Components in Horizon 2020**
Paul Cunningham, IIMC / IST-Africa
➢ **Leadership in Enabling and Industrial Technologies (LEIT) – Deadline 14 April 2015**
  o **ICT39 – 2015: International Partnership Building with Africa**
  o **ICT16-2015: Big Data Research**
  o **ICT19-2015: Technologies for creative industries, social media and convergence**
  o **ICT20-2015: Technologies for better human learning and teaching**
➢ **ICT in Societal Challenges**
➢ **ICT Cross Cutting Areas**

Brainstorming opportunities under ICT39
ICT 39 2015: International partnership building in low and middle-income countries (Deadline 14 April 2015) - Need European and African partners

Specific Challenge: To reinforce cooperation and strategic partnership with selected countries and regions in areas of mutual interest.

Targeted countries: Low and middle-income countries (based on World Bank country classification) in sub-Saharan Africa

Scope: The aim is to launch a set of targeted collaborative research projects addressing the requirements of end-user communities in developing countries. Specific technological targets could include for example co-design, adaptation, demonstration and validation (e.g. pilots) of ICT related research and innovation in relevant thematic areas addressed by Horizon 2020 including Content Technologies and Societal Challenges.

Activities under this objective should be led by a clearly defined **user need/market opportunity** for the technology being adapted; they should in particular include requirements of developing countries, and where possible, have the potential for wider impact by involving a number of countries from the same region. Proposals should be submitted by a complementary partnership with a particular focus on the participation of relevant developing country innovation stakeholders and end-user community representatives (e.g. relevant public, private, education and research, and societal sector organisations, Innovation Spaces and Living Labs).

Expected impact

➢ Development of relevant technology responding to specific needs and conditions of the target country.
➢ Reinforced international dimension of the ICT and Innovation aspects of Horizon 2020 and a higher level of international cooperation with low and middle income countries in ICT R&D and Innovation, focusing on areas that are beneficial to the target countries/region.

Types of action: Research & Innovation Actions (Budget of about €500,000 - 1 million per project for focused actions of 2 - 3 years duration)

Partnership: Minimum of three European partners from three different countries plus African partners

13:00	LUNCH: Networking Opportunities

14:00   Overview of Horizon 2020 Participation Rules & Instruments
Senait Berihu
Ministry of Communication and Information Technology, Ethiopia

14:30   Preparing a Proposal
Miriam Cunningham, IIMC / IST-Africa
➢ What is a relevant research idea? Putting together an International Consortium with complementary skill, Roles of Partners
➢ How to co-design a proposal and prepare a budget
➢ Overview re: Intellectual Property Rights
➢ How proposals are evaluated

15:00 Brainstorming in relation to relevant areas of Horizon 2020 and Research Mapping

16:00   Wrap-up Session, Questions & Next Steps

16:30	**END OF WORKSHOP**

Background

Horizon 2020 commenced in January 2014 as the new Framework Programme to implement Research and Innovation with funds of €80 billion from 2014 - 2020. Horizon 2020 will address all research and innovation funding that was previously provided through the Framework Programmes for Research and Technical Development (e.g. FP7), Competitiveness and Innovation Programme (CIP) and European Institute of Innovation and Technology.

Three main priorities:
- **Excellence Science** – Research Infrastructures, Marie Curie (Mobility Grants), Future and Emerging Technologies
- **Leadership in Enabling and Industrial Technologies (LEIT)** – Components & Systems, Advanced Computing, Future Internet, Content Technologies and Information Management, Robotics, Micro and Nano-electronics and photonics
- **Societal Challenges** – Health, Food Security & Agriculture, Energy, Transport, Climate action and Environment, Innovation and Reflective Societies and Secure Societies

For more information, please visit
http://www.ist-africa.org/home/default.asp?page=horizon2020
http://ec.europa.eu/research/horizon2020/
http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/

Please download IST-Africa Guide to 2015 H2020 Calls for Proposal
http://www.ist-africa.org/home/files/IST-Africa_Guide_2015Calls_Horizon2020.pdf
and identify relevant Calls prior to the workshop