

Africa-EU Cooperation Newsletter December 2013

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Dear Colleagues,

We hope you are keeping well.

This newsletter is primarily focused on raising awareness of the launch of Horizon 2020 and Calls that close in 2014.

We would also like to highlight that the Call for Papers for IST-Africa 2014 (06 – 09 May 2014, Mauritius) closes on **16 December**. If you require an extension to finalise your paper, please contact secretariat@IST-Africa.org

Horizon 2020

[Horizon 2020](#) commences in January 2014 as the new Framework Programme for research and innovation from 2014 – 2020.

There are three main pillars

I. Excellence Science (Future and Emerging Technologies, Marie Curie Actions, Research Infrastructure including eInfrastructures)

II. Industrial Leadership (Leadership in Enabling and Industrial Technologies, Innovation in SMEs)

III. Societal Challenges (1. Health, demographic change and wellbeing; 2. Food security, sustainable agriculture, marine research & the bio-economy; 3. Secure, clean and efficient energy; 4. Smart, green and integrated transport; 5. Climate action, resource efficiency and raw materials; 6. Inclusive, innovative and secure societies)

ICT is a horizontal activity that is included across a number of Work Programmes within LEIT and within Societal Challenges. Download [Guide to ICT-related Activities in Work Programmes](#)

The Work Programmes for each thematic area was published on 11 December 2013. Please find links to these work programmes below with an initial list of Calls closing in 2014

Marie Curie Calls

[Marie Curie Work Programme 2014 - 2015](#)

[H2020-MSCA-RISE \(Research and Innovation Staff Exchange\) – 2014](#) – Deadline 24 April 2014

[H2020-MSCA-ITN \(Innovative Training Networks\) - 2014](#) – Deadline 09 April 2014

eInfrastructures Calls

[Research Infrastructures Work Programme \(including eInfrastructures\)](#)

[H2020-eInfrastructures-2014-1](#) - Deadline 15 April 2014

[H2020-INFRA supp-2014-1](#) - Deadline 14 May 2014

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[H2020-eInfrastructures-2014-2](#) - Deadline 02 Sept 2014

[H2020-INFRA SUPP-2014-2](#) - Deadline 02 Sept 2014

Leadership in Enabling and Industrial Technologies (LEIT)

[LEIT ICT Work Programme 2014 – 2015](#)

ICT- Call 1a Deadline 23 April 2014

[ICT-01-2014: Smart Cyber-Physical Systems](#)

[ICT-02-2014: Smart System Integration](#)

[ICT-03-2014: Advanced Thin, Organic and Large Area Electronics \(TOLAE\) technologies](#)

[ICT-05-2014: Smart Networks and novel Internet Architectures](#)

[ICT-06-2014: Smart optical and wireless network technologies](#)

[ICT-07-2014: Advanced Cloud Infrastructures and Services](#)

[ICT-09-2014: Tools and Methods for Software Development](#)

[ICT-11-2014: FIRE+ \(Future Internet Research & Experimentation\)](#)

[ICT-13-2014: Web Entrepreneurship](#)

[ICT-15-2014: Big data and Open Data Innovation and take-up](#)

[ICT-17-2014: Cracking the language barrier](#)

[ICT-18-2014: Support the growth of ICT innovative Creative Industries SMEs](#)

[ICT-21-2014: Advanced digital gaming/gamification technologies](#)

[ICT-22-2014: Multimodal and Natural computer interaction](#)

[ICT-23-2014: Robotics](#)

[ICT-26-2014: Photonics KET](#)

[ICT-29-2014: Development of novel materials and systems for OLED lighting](#)

[ICT-31-2014: Human-centric Digital Age](#)

[ICT-32-2014: Cybersecurity, Trustworthy ICT](#)

[ICT-33-2014: Trans-national co-operation among National Contact Points](#)

[ICT-35-2014: Innovation and Entrepreneurship Support](#)

Societal Challenges

As part of addressing the Europe 2020 strategy, funding will focus on the following challenges:

- Health, demographic change and wellbeing – Download [Work Programme](#)
- Food security, sustainable agriculture, marine and maritime research, and the bio-economy - Download [Work Programme](#)
- Secure, clean and efficient energy - Download [Work Programme](#)
- Smart, green and integrated transport - Download [Work Programme](#)
- Climate action, resource efficiency and raw materials - Download [Work Programme](#)
- Inclusive, innovative and reflective societies – Download [Work Programme](#)
- Secure Societies – Download [Work Programme](#)

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Please visit the Participants portal for the details of calls open in 2014 with specific Societal Challenges themes and the associated deadlines

<http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/index.html>

IST-Africa Horizon 2020 Workshops

IST-Africa has organised a series of national Horizon 2020 and Living Labs Training Workshops during November and December 2013:

- 11 & 12 November, University of Lesotho, Maseru, Lesotho (organised by Ministry of Communications, Science and Technology, Lesotho)
- 14 & 15 November, Nampower Convention Centre, Windhoek, Namibia (organised by National Commission on Research, Science and Technology, Namibia)
- 21 & 22 November, Mokolodi Nature Reserve, Gaborone, Botswana (organised by Ministry of Transport and Communications, Botswana).
- 28 November, Cyber Tower 1, Ebene, Mauritius (organised by National Computer Board)
- 02 & 03 December, Higher Institute for Public Administration, Av. Karl Max, Maputo, Mozambique (organised by Instituto Nacional de Tecnologias de Informacao e Comunicacao, Mozambique)
- 05 & 06 December, Ghion Hotel, Addis Ababa, Ethiopia (organised by Ministry of Communications and Information Technology, Ethiopia)
- 16 & 17 December, City of Science, Tunis, Tunisia (organised by Ministere de l'Enseignement Superieur et de la Recherche Scientifique)

During January 2014, the IST-Africa Initiative and CAAST-Net Plus Project are organising a series of joint Horizon 2020 Workshops in East Africa:

- 20 January 2014, COSTECH, Dar es Salaam, Tanzania (organised by Tanzania Commission for Science and Technology)
- 21 January 2014 (tbc), Nairobi, Kenya (organised by Ministry of Education, Science and Technology)
- 22 January 2014, Hotel Africana, Kampala, Uganda (organised by Uganda National Council for Science and Technology)
- 24 January 2014, Lilongwe, Malawi (organised by National Council for Science and Technology)

While there is no charge for participation at the IST-Africa Workshops, pre-registration is required. Please contact secretariat@IST-Africa.org for more information. All participants are responsible for any travel costs incurred.

IST-Africa 2014 – Call for Papers Deadline 16 December

Hosted by the Government of Mauritius through the Ministry of Information and Communication Technology and the National Computer Board, Supported by the European Commission and African Union Commission and Technical Co-Sponsored by IEEE, [IST-Africa 2014](#) will take place in Mauritius from 06 - 09 May 2014 (IST-Africa Living Lab Workshop 06 May, IST-Africa 2014 07 - 09 May).

Part of the IST-Africa Initiative, which is supported by the European Commission under the ICT Theme of Framework Programme 7 (FP7), IST-Africa 2014 is the ninth in an Annual Conference Series which brings together senior representatives from leading commercial,

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government & research organisations across Africa and from Europe, to bridge the Digital Divide by sharing knowledge, experience, lessons learnt and good practice and discussing policy related issues.

The scientific programme for IST-Africa 2014 is based on an open Call for Papers
http://www.ist-africa.org/Conference2014/files/ISTAfrica2014_CallForPapers.pdf

IST-Africa 2014 is focused on applied ICT and the core thematic areas include

- eHealth, mHealth & Health Information Systems
- eGovernment - Services to Citizens & Business
- Technology-enhanced Learning, mLearning, ICT Skills
- eInfrastructures, NRENs and IPv6
- Digital Libraries and Digital Preservation
- Future Internet, Internet of Things, Mobile Applications
- ICT for Agriculture and Environmental Sustainability
- ICT for eInclusion and eAccessibility
- ICT Regulatory Frameworks
- Living Labs (Adaptation for Developing Countries)
- Next Generation Computing: Big Data, Cloud Computing, Data Localisation
- Open Source Software Applications
- Cyber Security
- Transformation of Research Results into Local Innovation
- Societal Implications of Technology

Interested presenters are encouraged to prepare an 8 page paper (4,000 - 5,000) words following the IST-Africa paper guidelines and paper template for submission online by **16 December**. For more information, please visit

<http://www.ist-africa.org/Conference2014/default.asp?page=submission>

Please download the paper template from

<http://www.ist-africa.org/conference2014/default.asp?page=paperguidelines>

Please include all co-author details in the online submission form. The file uploaded (.doc format) should not include author details at this stage.

If you require an extension to finalise your paper, please contact secretariat@IST-Africa.org to arrange this.

Contact Details

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