

Horizon 2020 & ICT WPs 2014-15

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**Delegation of the European Union to India
BIC Extended Management Meeting,
New Delhi, 11 October 2013**

EU-India Cooperation on Cybersecurity

1. Policy Cooperation:

Cyber Security Consultations (EEAS led):

- DG CONNECT covers network and information security part
- ### Joint ICT Working Group (CONNECT/DEITY-DoT)
- **Internet Security subgroup** agreed in 2012 (lead: India, no meeting yet)

2. Research & Innovation Cooperation:

- **Horizon 2020** (also) implementing EU Cybersecurity Strategy
- remains open for international participation

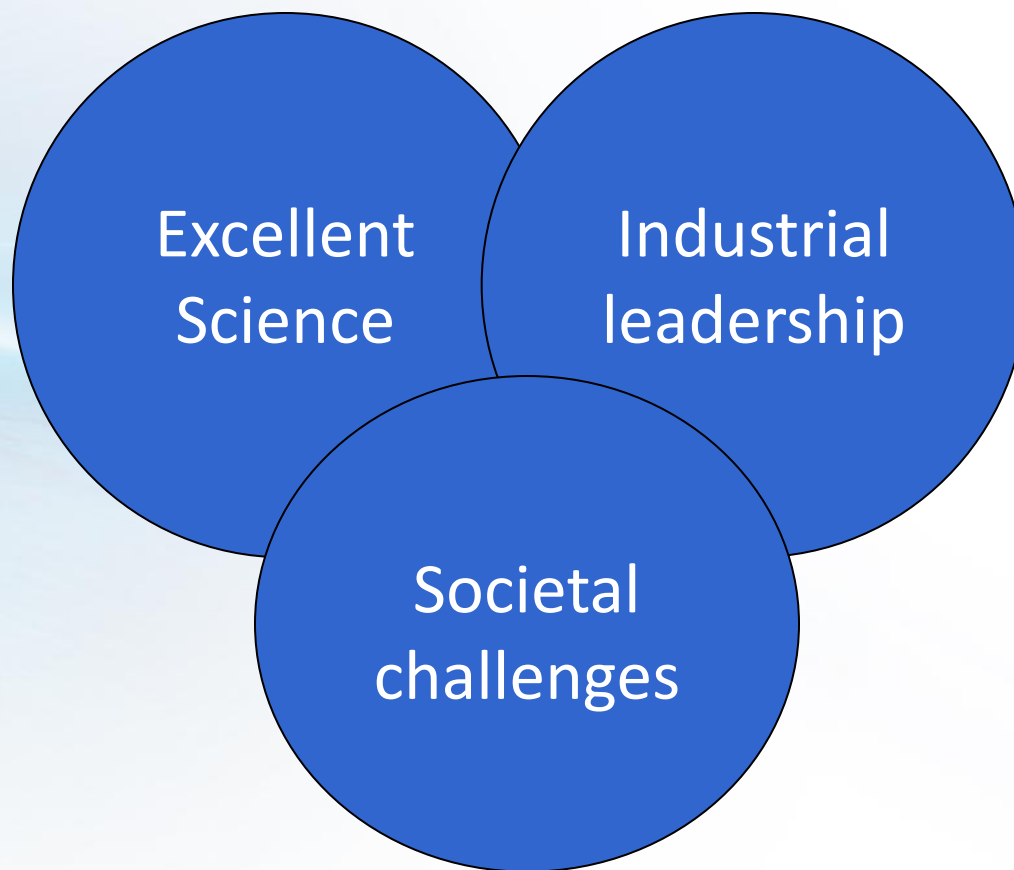
Horizon 2020

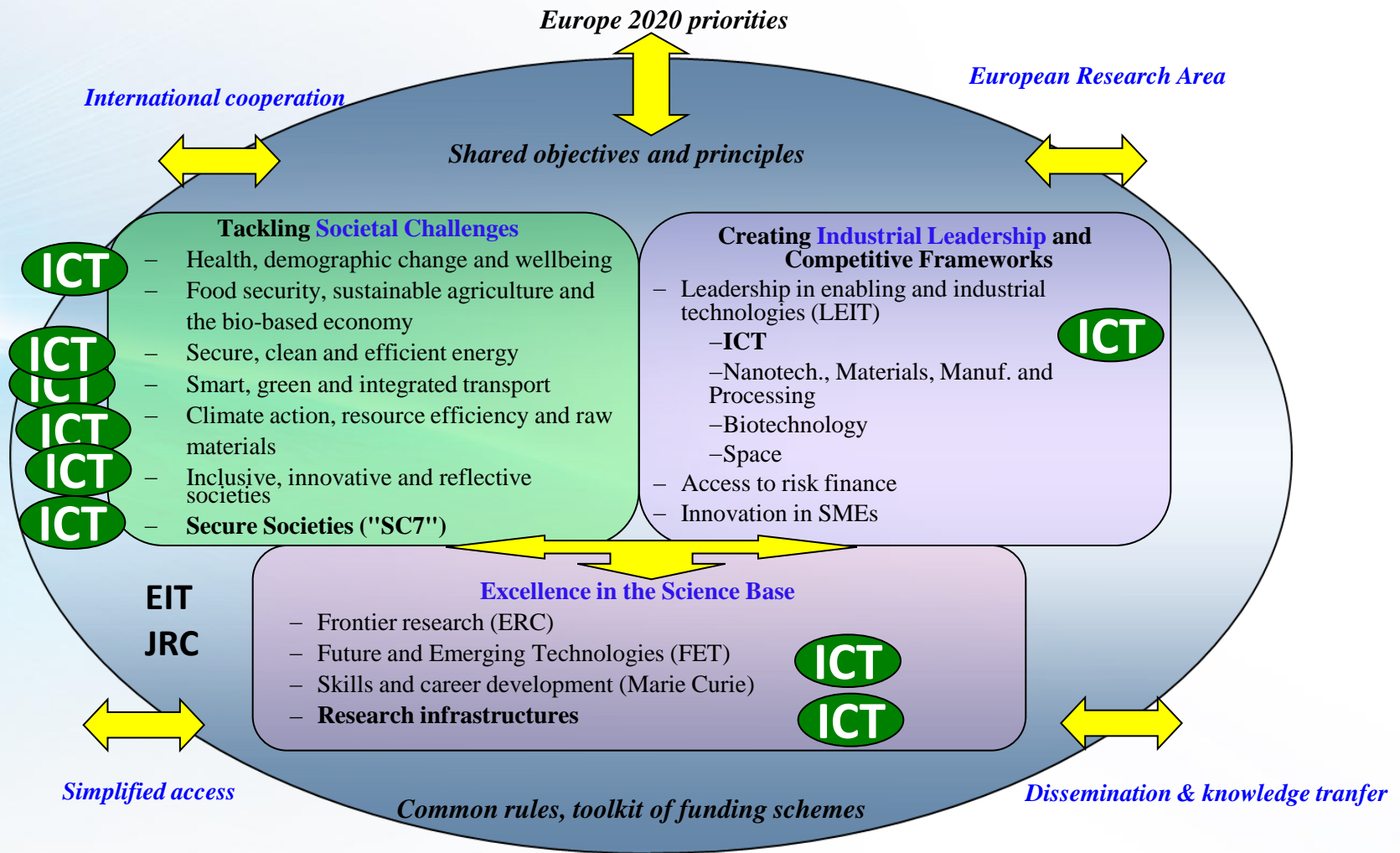
- EU Research & Innovation programme (2014-20)
72 billion € (tbc)
- Complementing Member States programmes, Structural Funds, higher education (Erasmus)
- Core part of Europe 2020, Innovation Union & European Research Area, Digital Agenda:
 - **Responding to the economic crisis** to invest in future jobs and growth
 - **Addressing peoples' concerns** about their livelihoods, safety and environment
 - **Strengthening the EU's global position** in research, innovation and technology

Still to be approved!

- October: Discussion with Member States on WP 2014-15, EP vote on Horizon 2020 package
- 6-8 November : ICT 2013 Event Vilnius + launch event ICT in Horizon 2020
- First week December: Council decision H2020
- 10 December : ICT WP 2014/15 adoption by Commission
- 11 December : Publication of first ICT calls
- Spring 2014: closing of first call

A stronger, clearer focus





Excellent Science

- World class science is the foundation of tomorrow's technologies, jobs and well-being
- Europe needs to be attractive for research talent
- Researchers need access to best research infrastructures

European Research Council <i>Frontier research by the best individual teams</i>	13 268
Future and Emerging Technologies <i>Collaborative research to open new fields of innovation</i>	3 100
Marie Curie actions* <i>Opportunities for training and career development</i>	5 752
Research infrastructures (including e-infrastructure) <i>Ensuring access to world-class facilities</i>	2 478

Industrial Leadership

1. ICT

1. Components and systems
2. Advanced Computing
3. Future Internet
4. Content technologies and information management
5. Robotics
6. Key Enabling Technologies: Micro-nano-electronics and photonics

+ Factory of the Future cPPP

+ International Cooperation actions
(EU-Brazil, EU-Japan)

ICT Cross cutting activities:

- Internet of Things
- Human-centric Digital Age
- **Cybersecurity**
- Support to NCPs

ICT Innovation actions

- Access to finance
- Innovation policy support
- Open disruptive innovation scheme (SME instrument)

Draft ICT LEIT Work-programme 2014-15

ICT 31 – 2014: Cybersecurity, Trustworthy ICT

R&I Actions (37M€):

- Security-by-design for end-to-end security
- Cryptography

CSA (1 M€)

- Activities supporting the Cryptography Community

Actions with **longer horizon**, where **research solutions** still necessary

Societal Challenges

7: Cybersecurity, Privacy, Trust

- In **support of EU's new Cybersecurity Strategy**, preventing cyber-attacks on any component of digital society
- Demonstrating viability and maturity of state-of-the-art security solutions in **large scale demonstrators**, involving end users (**short term**)
- **Solutions for wide public**, not only niche target groups
- Protecting society by **providing trust in usage of ICT** and in securing ICT underlying our digital society
- **Ensuring freedom and privacy** in the digital society, protecting the fundamental values of our society and democratic rights of our citizens in cyberspace
- **Protecting** weak in our society **from abuses** over internet and **giving user control over his private data** and uses made thereof

Societal Challenge 7

possible action lines

1. Privacy
2. Access Control
3. Secure Information Sharing
4. Trust eServices
5. Risk management and assurance models
6. The role of ICT in Critical Infrastructure Protection

Budget: ~ twice the budget of related LEIT activity (tbc)

Calls 2014 and 2015

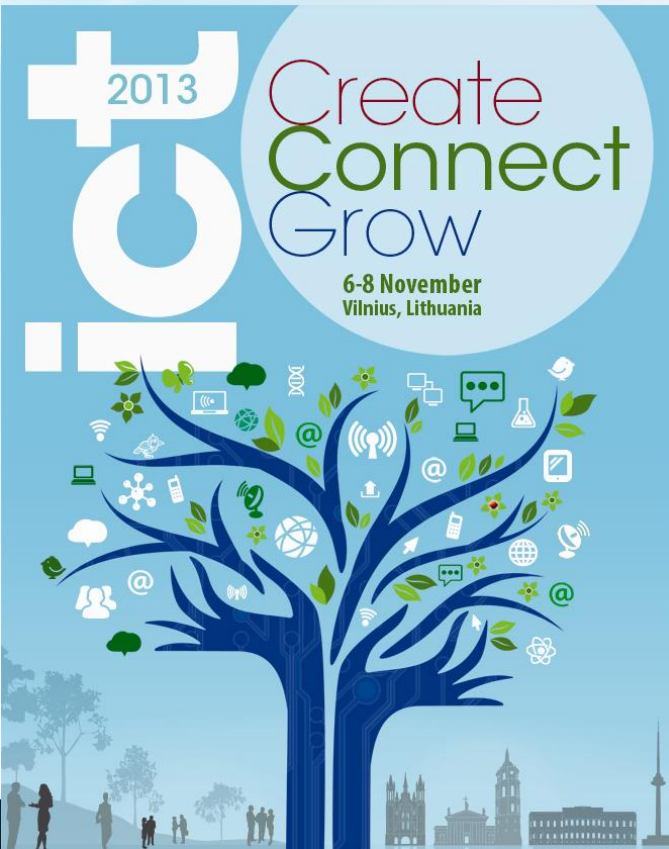
ICT 2013: Create, Connect, Grow

6-8 November 2013, Vilnius

Launch event for ICT in Horizon 2020 (2014-2020)

Structure of the event :

- conference,
- exhibition,
- networking.



Thank you for your attention!

Find out more:

www.ec.europa.eu/research/horizon2020

ICT in Excellent Science

