

ICT OPPORTUNITIES FOR INTERNATIONAL COOPERATION

WP2016-17

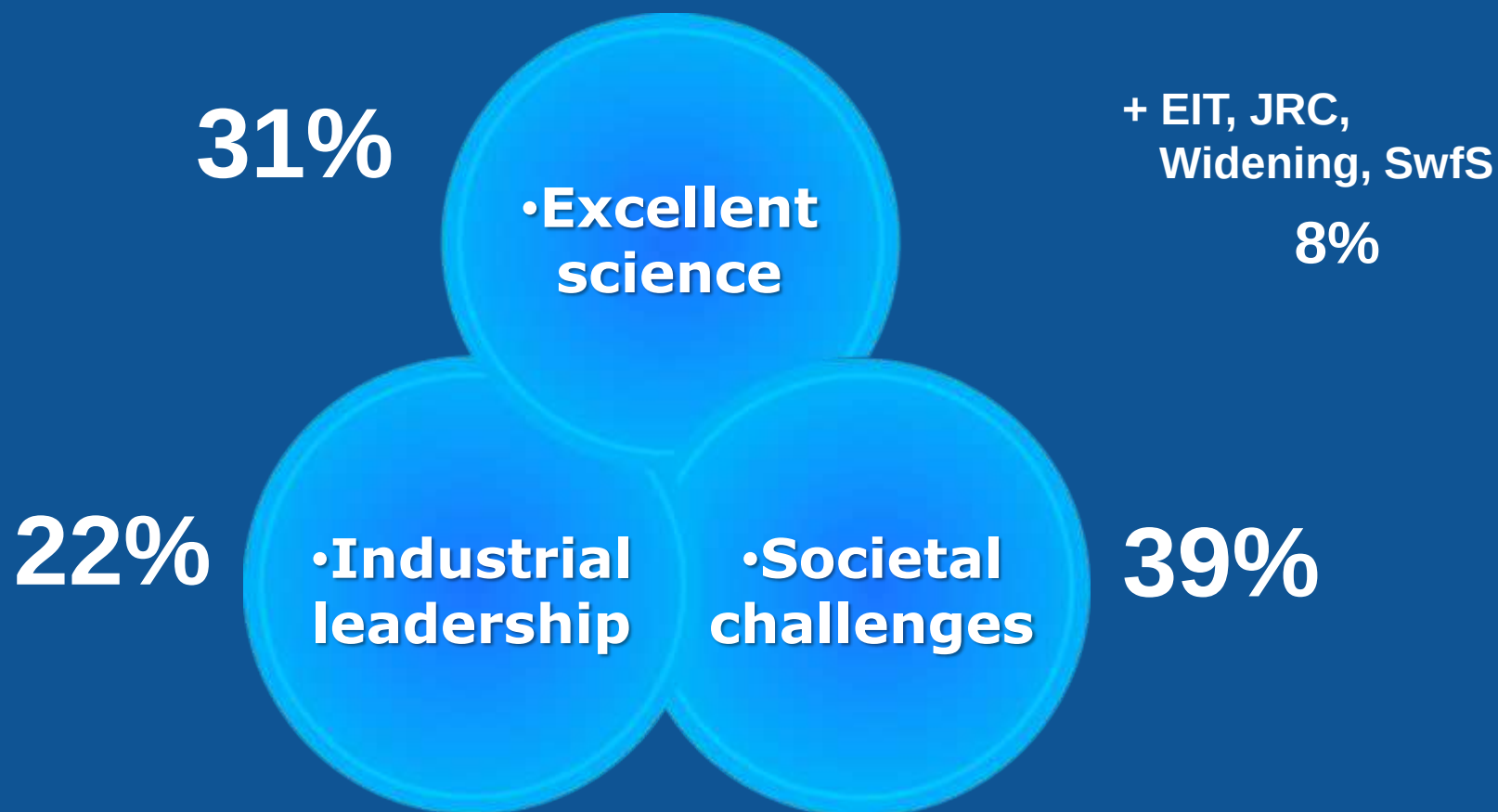
Fernando Martín Galende
ICT-LEIT National Contact Point
fernando.martin@cdti.es
CDTI - Spain

Lisbon, 19 October 2015

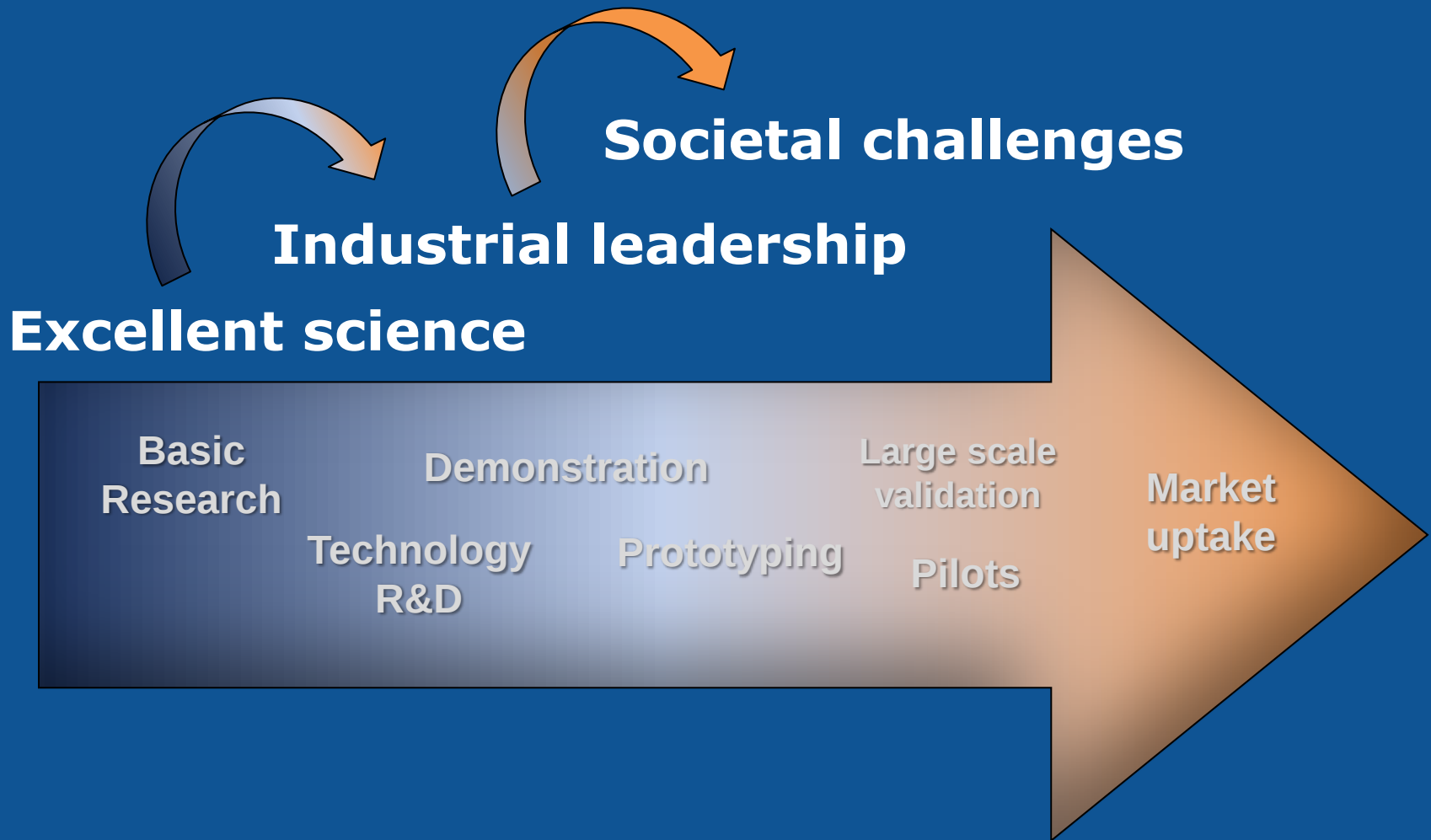
In the Beginning...



Three priorities



Coverage of the full innovation chain

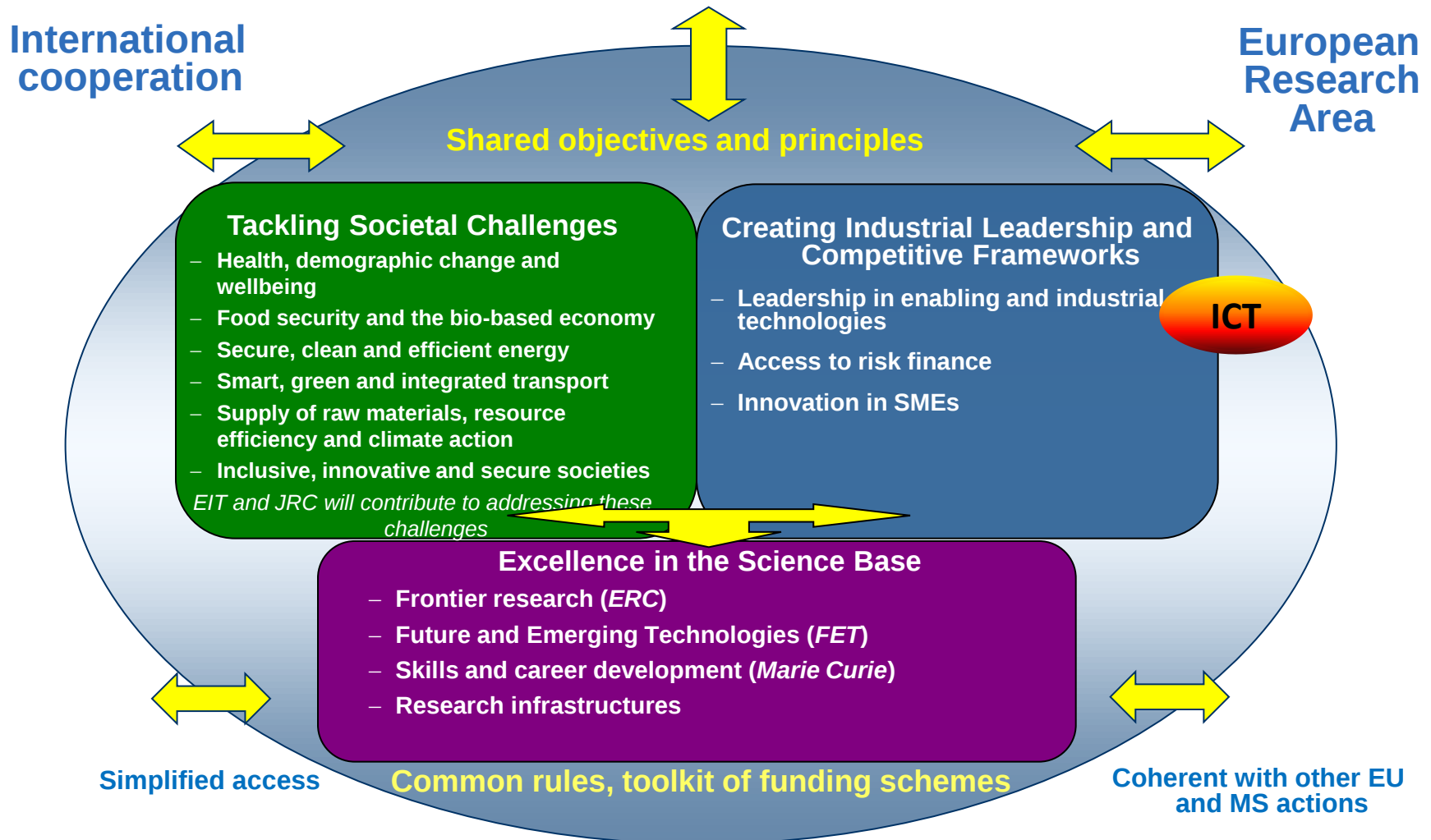


Three priorities for ICT

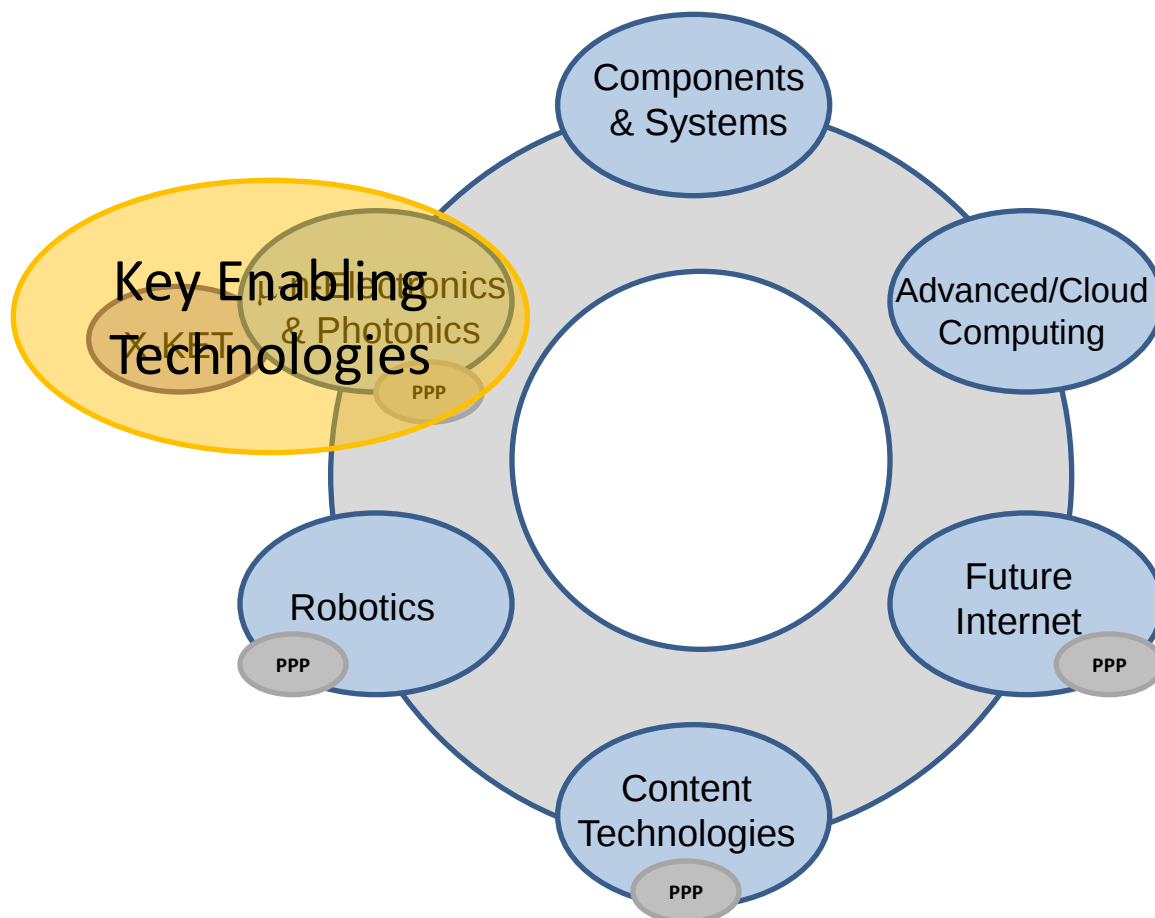


H2020: Objectives and Structure

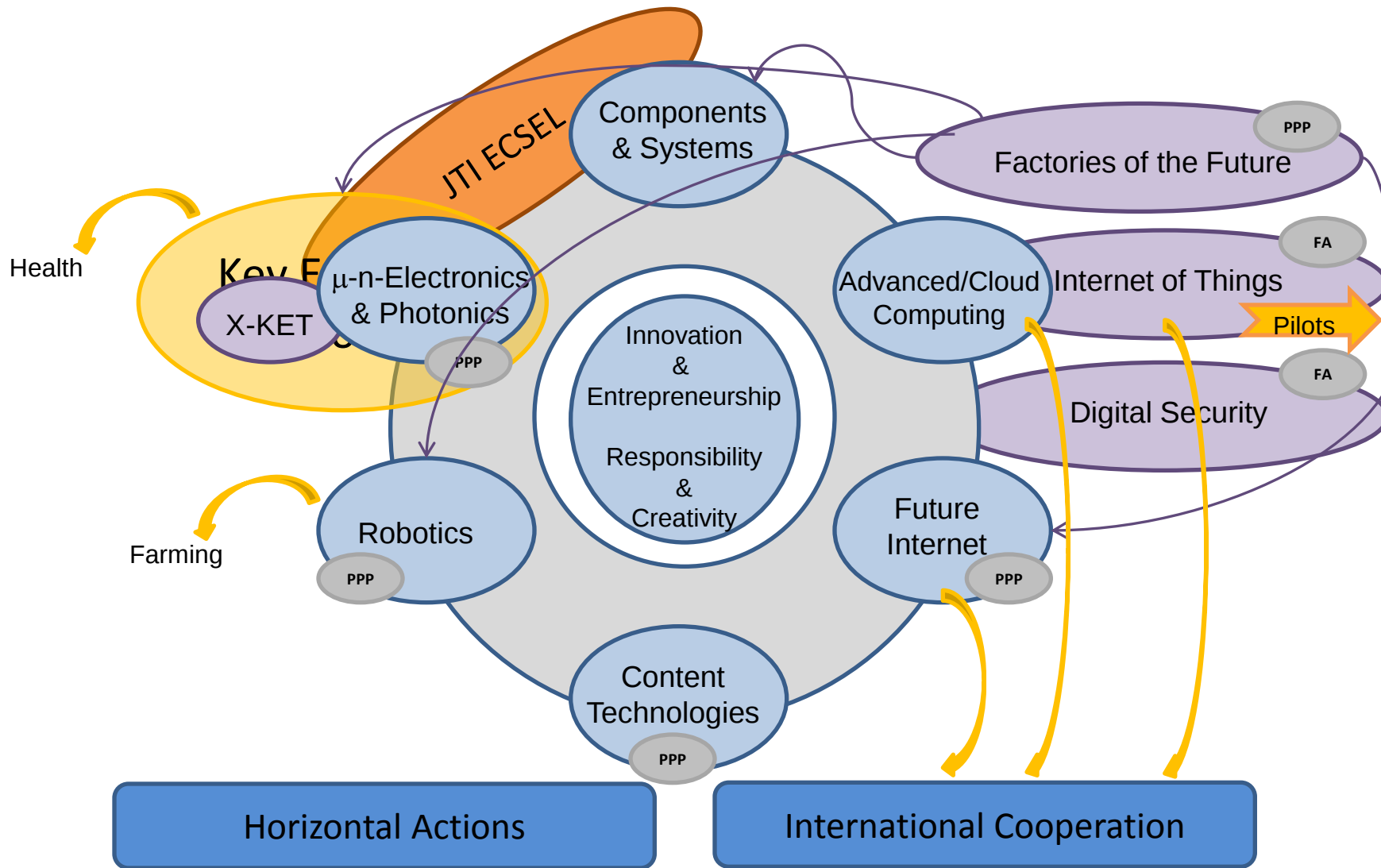
Europe 2020 priorities



Six Main Lines:



Six Main Lines:



Priorities for 2016-17:

- ***Focus Area in IoT: Applicability of technology and use in sectorial Pilots.***
- ***Big Data: Improvements of efficiency and safety of technology and sectorial applicability through Large Scale Pilots.***
- ***Relations with Cloud Computing, CPS, low-energy Sensors, embedded Systems, Smart Manufacturing...***
- ***Development of the 5G Network Technologies.***
- ***Applicability in newer markets of Robotics and Photonics technologies and low-energy High Performance Computing.***
- ***Enforcement of research in micro- and nano-electronics with a commitment for manufacturing in Europe.***
- ***Big opportunities for application/use of ICT technologies in big vertical sectors (Media, Utilities, Health, Transport, Manufacturing...) and Creative Industries (TV, fashion, art, films, advertising... and video games!)***

The General Case for International Cooperation:

- *International Cooperation partners can participate in 90% activities of H2020 as long as the minimum European partners are assured.*
- *Partners from industrialised countries and emerging economies will not be automatically eligible for funding by the EC, however some of them have local support for H2020 participants (Brazil & Mexico).*
- *Partners from developing countries will be eligible for funding.*
- http://ec.europa.eu/research/participants/docs/h2020-funding-guide/cross-cutting-issues/international-cooperation_en.htm#countries
- **FAQ:** [http://www.ncp-incontact.eu/nkswiki/index.php?title=FAQs on international cooperation in Horizon 2020](http://www.ncp-incontact.eu/nkswiki/index.php?title=FAQs_on_international_cooperation_in_Horizon_2020)
- *In principle, academic cooperation should be easily integrated.*

And Some Specific Cases:

- **Brazil** in ICT-13-2016: *Future Internet Experimentation – Building a European Experimental Infrastructure -> federation in a global context.*
- **Mexico** in ICT-38-2016: *Mexico Collaboration on ICT -> development of FIWARE-based services.*
- **Brazil** in EU-Brazil Joint Call -> *Cloud Computing, IoT Pilots (environmental monitoring, smart water management, energy management, smart assisted living, smart manufacturing).*
- *Many other initiatives are expressly focused on US, Japan, South Korea, China, Taiwan, Sub-Saharan Africa and ASEAN countries.*
- *Also, other opportunities are probably placed under the Societal Challenges.*

However (my recommendations):

- *Assure the participation of INCO partners make sense in the context of the project.*
- *Show the benefits for both regions in a win-win approach.*
- *Avoid individual schemes as the SME Instrument or other topics which only pursue to increase competitiveness of European industries (unless clearly contributing to this objective).*
- *Be careful when planning exploitation strategies through non-European industries.*
- *Make sure you respect the conditions of both Calls when an EU Call is coordinated with a national one somewhere else.*
- *Always think of activities related to worldwide implementation and standards when developing your proposals.*
- *Opening of new markets is always welcome.*
- *PPP follow the same rules but make sure your objectives align with the SRIA and you go by the hand of some insider.*

Key Dates for ICT:

- **20-22 October 2015 – ICT Event 2015 in Lisbon**
- **20 October 2015 – Opening of new Calls**
- **19 January 2016** – Deadline for first **International Cooperation Call** + **EU-Japan** + **EU-Korea**
- **21 January 2016** – Deadline for **FoF-PPP 2016 Call**
- **12 April 2016** – Deadline for the **General ICT Call 2016** + Focus Area of **Internet of Things 2016** + Focus Area of **Digital Security 2016**
- **8 November 2016** – Deadline for **5G-PPP** y related initiatives (Smart Anywhere & Media)
- **19 January 2017** – Deadline for **FoF-PPP 2017** + topic **KET for diagnostics** in Call NMBP2017
- **14 February 2017** – Deadline for topic **Smart Farming** in Sustainable Food Security Call
- **14 March 2017** – Deadline for **EU-Brasil Call**
- **25 April 2017** – Deadline for the **General ICT Call 2017** + Focus Area of **Internet of Things 2017** + Focus Area of **Digital Security 2017**

THANK YOU

<http://eshorizonte2020.es/>