

**EU Horizon 2020 -  
An Opportunity for R&I  
Cooperation**

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**2nd Taiwan-Hungary Roundtable**

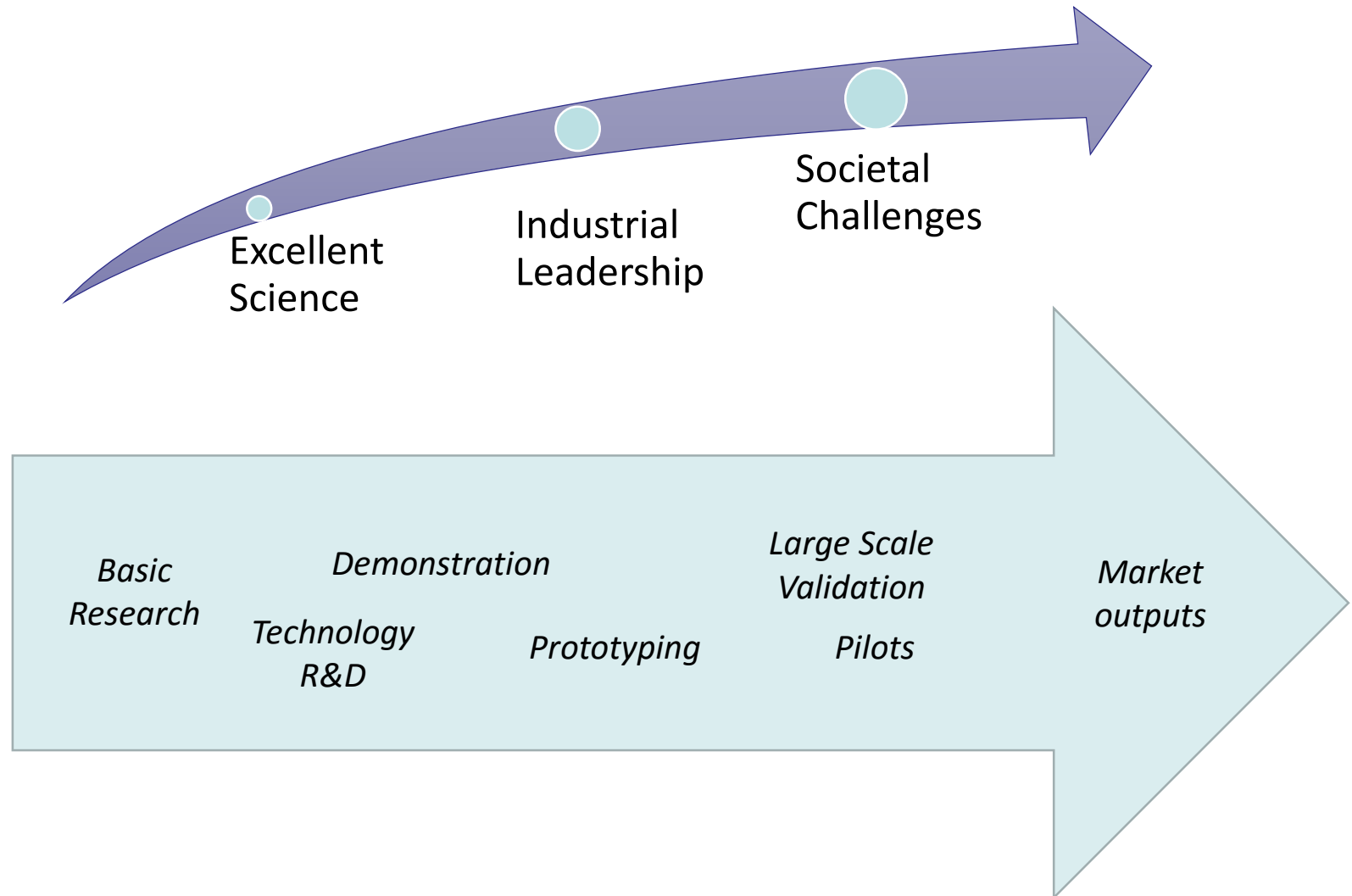
**Budapest, 19 September 2016**

# What is Horizon 2020?

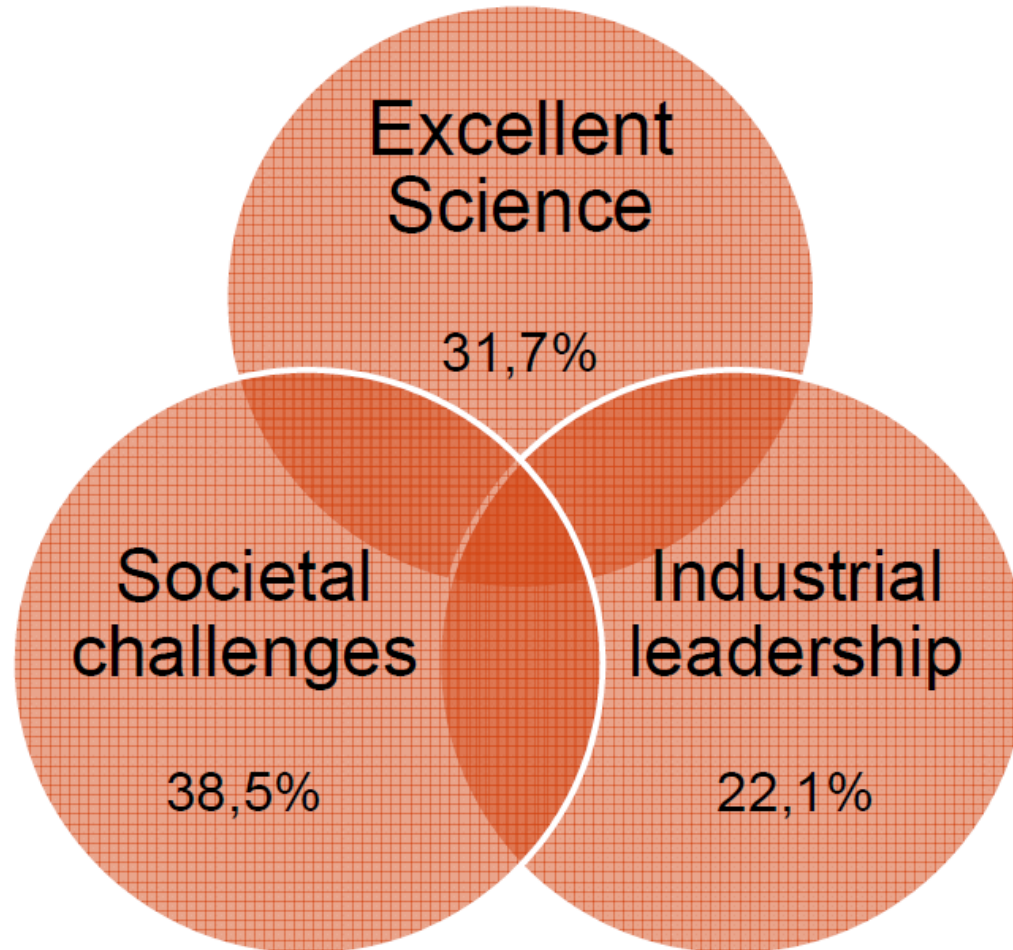
- The EU's research and innovation funding programme (2014-2020)
- A core part of Europe 2020, Innovation Union & European Research Area:
  - Responding to the economic crisis to invest in future jobs and growth
  - Addressing people's concerns about their livelihoods, safety and environment
  - Strengthening the EU's global position in research, innovation and technology.
- 7 year R&I programme with 2-year Work Programmes (WP)



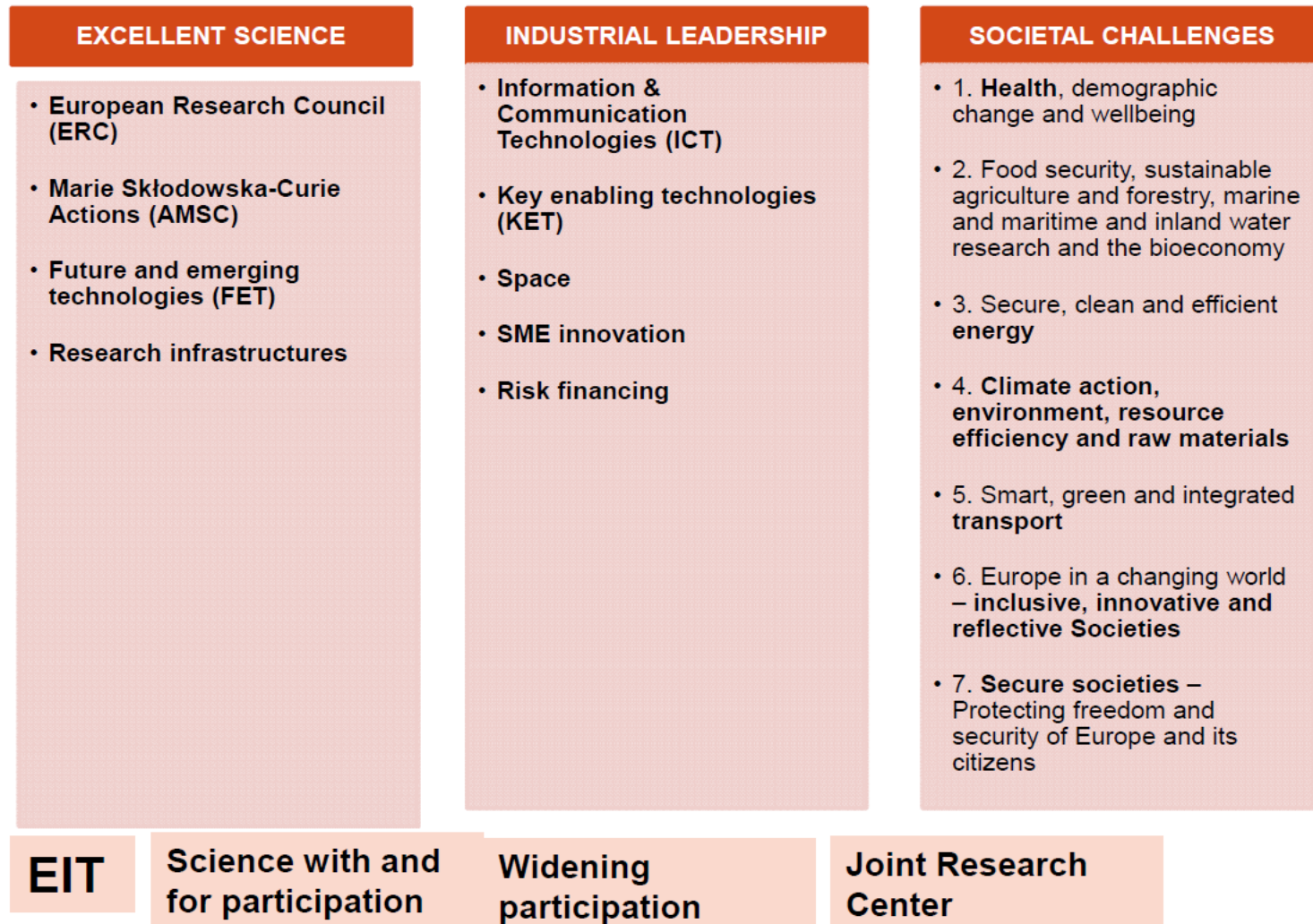
# Coverage of the Full Innovation Chain



# Stronger and Clearer Focus

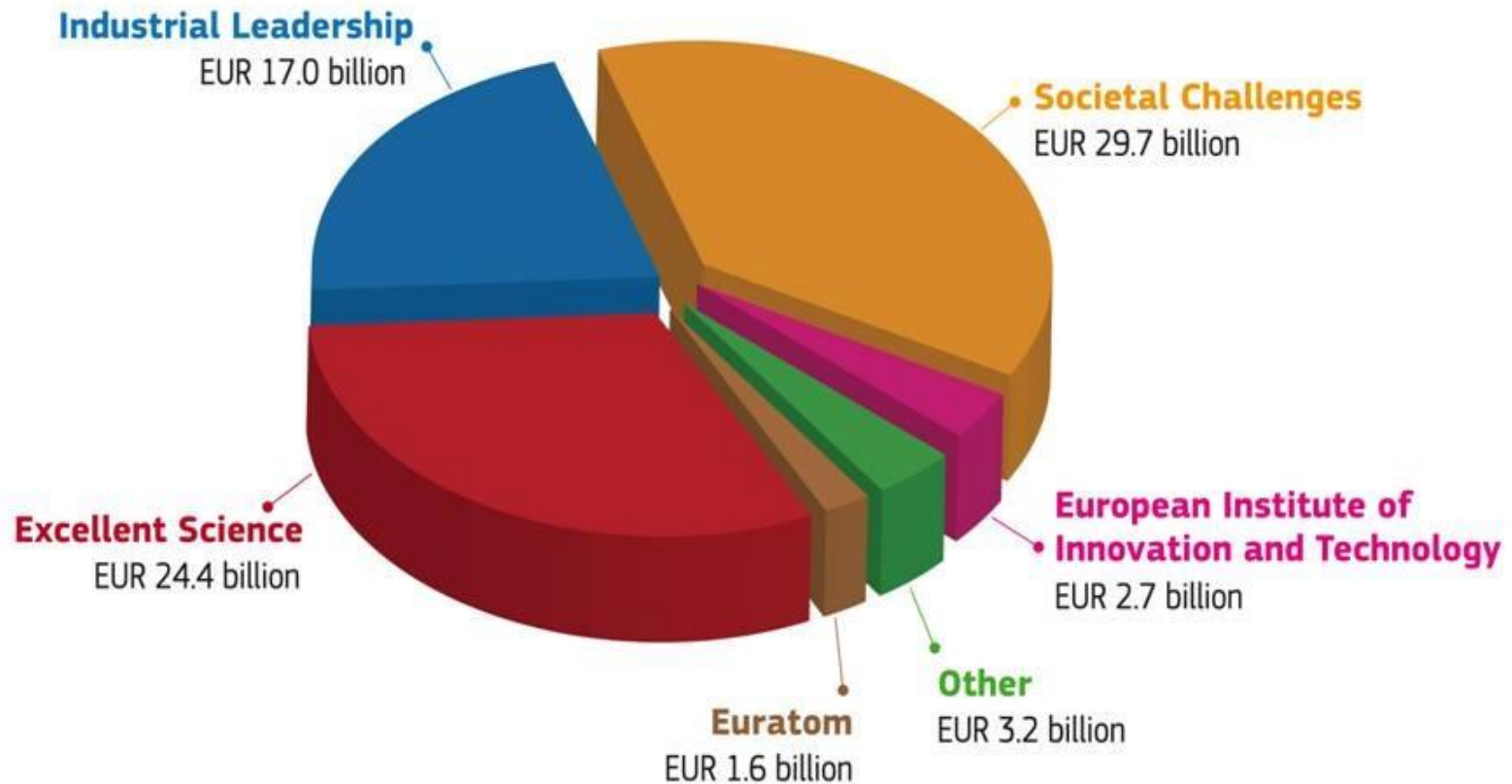


# Structure of H2020



# Overall Budget

**HORIZON 2020 BUDGET (EUR 78.6 billion, current prices)**



# What's New in H2020?

- Fusion of FP7, CIP, and European Institute of Technology and Innovation (EIT)
- Covers the whole innovation chain from „blue sky” research to near market innovation activities
- Specific encouragement for the participation of SMEs (SME Instrument)
- New funding schemes such as pre-commercial-procurement (PCP), inducement prizes, dedicated loan and equity instruments
- Widening Public Private Partnership (PPP) programmes

# Simplified Rules of Participation

- **Faster „time to grant” – 8 (5+3) months**
- **Fewer, more targeted audits**
- **On-line submission of the project proposals**
- **Simplified reporting and funding model**
  - **Flat rates: 100 % or 70 % (for-profit institutions within „innovation actions”)**
  - **Flat-rate indirect costs (25 %)**
  - **No time sheets for personnel entirely dedicated to the project**
  - **VAT is eligible**



# Main Types of Actions

- **Research and Innovation (RIA)**
  - Standard action, designed to establish new knowledge and/or to explore the feasibility of a new or improved technology, product, process, service or solution
- **Innovation**
  - Designs for new or improved products, processes or services
- **Coordination and Support (CSA)**
  - Creation of networks (dissemination, awareness-raising and communication, policy dialogues, etc.)
- **SME Instrument**
  - Financial support for companies focused on innovation
- **ERA-Net Cofund**
  - Public-public partnerships of the MSs and the EC on specific themes.

# Open to the World – International Cooperation



- **General rules**
  - Applicants from non-EU („third”) countries are always free to take part in H2020 R&I programmes, but they are not always automatically entitled to funding.
  - All applications must meet the minimum conditions in the Rules for Participation.
- Applicants from Associated Countries (Norway, Israel, Turkey, etc.) and many other countries automatically eligible for funding.
- Applicants from non-EU countries that are not automatically eligible, funding is provided for in bilateral scientific/technological agreement. The specific Calls indicates that applicants based in such countries are eligible for funding.

# EU-Taiwan R&I Cooperation



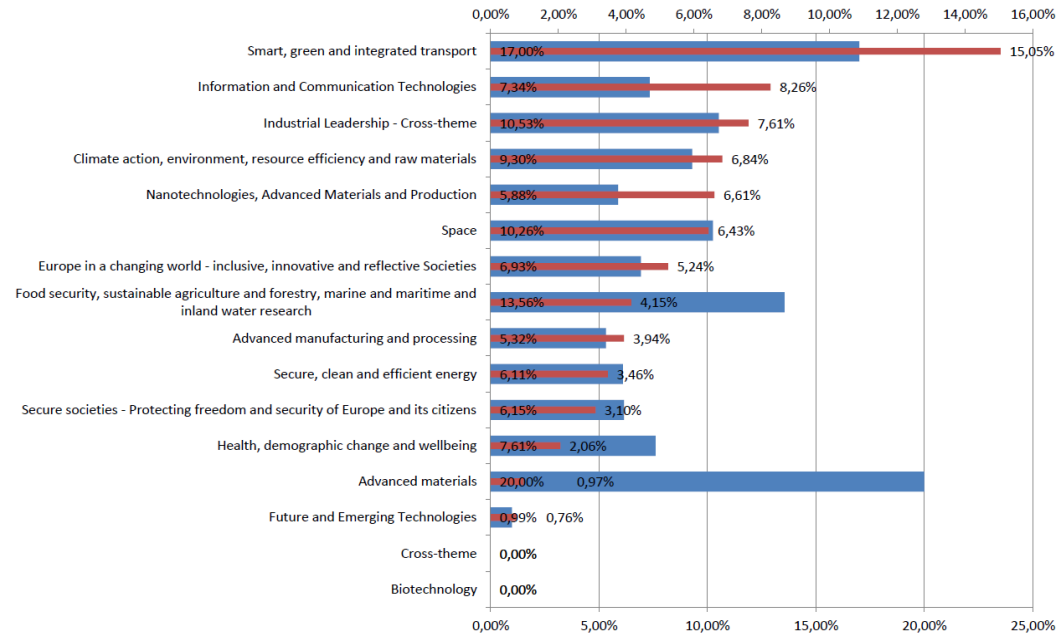
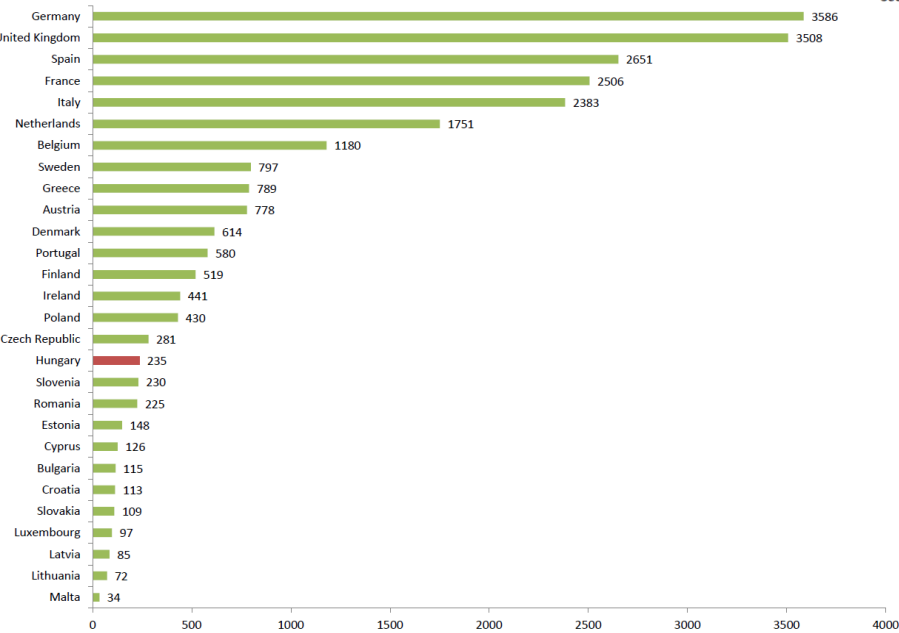
- Taiwan is a world leader in research and innovation in many areas, including biotechnology, ICT, semiconductor industry, nanotechnology, etc
- EU and Taiwan have a successful track record of cooperation in R&I
- Taiwanese institutions have been active participants in the EU's research framework programmes (FP5-FP7)
- 22 Taiwanese participants in cooperative research projects in the 2014/2015 Calls in H2020 in broad range of areas
- EU regards Taiwan as a strategic partner in R&I and welcomes the Taiwanese institutions in H2020 projects
- National Contact Point (NCP) in Taiwan (2008)

# EU-Taiwan 5G Collaboration

- **Coordinated EU-Taiwan Call in 5G PPP Convergent Technologies (ICT-08-2017/b.)**
- **5G is the next networking paradigm and communication technology of the 21st century, which will radically change the ICT applications and services (1-10 Gbit/sec mobile data rates, zero service delay, 100 times more connected devices).**
- **International 5G Workshop in Taiwan (06/08/2014). EU and Taiwan allocate funds for the collaboration projects.**
- **ITRI participated in 5G PPP METIS project (ICT-14)**
- **5G Innovation Center (UK) and Taiwanese institutions (NTU, ITRI, etc.) cooperate in 5G technology and testbeds.**

# Hungarian Participation in H2020 (2014)

## No. of participants in supported projects



## Success rates based on no. of participants and funding/research areas

# Further Information

- **Participants Portal Online Manual**

<http://ec.europa.eu/research/participants/portal/desktop/en/funding/guide.html>

- **National Contact Points**

[http://ec.europa.eu/research/participants/portal/desktop/en/support/national\\_contact\\_points.html](http://ec.europa.eu/research/participants/portal/desktop/en/support/national_contact_points.html)

- **Euraxess**

<http://ec.europa.eu/euraxess/>

- **European Research Council**

<http://erc.europa.eu/>

- **Marie Sklodowska Curie**

<http://ec.europa.eu/research/mariecurieactions/>

- **Cordis Database**

[http://cordis.europa.eu/home\\_en.html](http://cordis.europa.eu/home_en.html)

- **Europe Direct (for general questions)**

[http://europa.eu/europedirect/index\\_en.htm](http://europa.eu/europedirect/index_en.htm)



**Thank you for your  
attention!**

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