



# Framework for EU-Korea R&I Cooperation

EU R&I Day  
Seoul, 23 November 2017

# South Korea – A Strategic Partner of the EU

- Framework Agreement (2010)
- Free Trade Agreement (2011)
- Crisis Management Agreement (2014)
  
- Agreement for Scientific and Technological Cooperation (2007)
- ITER Int'l Agreement + fusion energy + fission research (2006)
- ERC Implementing Arrangement (2013)
- Joint Declaration in ICT and 5G (2014)
- Agreement on a Civil Global Navigation Satellite System (2016)
  
- EU-Korea Joint S&T Cooperation Committee: meeting every two years (2007, 2009, 2011, 2013, 2015, 2017...)

# Framework conditions for EU-Korea R&I cooperation ...

- Commitments to programmatic cooperation
  - Joint, coordinated and twinning calls
  - Cooperation through global multilateral initiatives
- Co-funding mechanism
  - South Korean Ministries offer co-funding for South Korean participants in Horizon 2020 projects
  - Covers all thematic areas of Horizon 2020
- Mobility of researchers
  - Implementing Arrangement for South Korean researchers to join the teams of European Research Council Principal Investigators
  - Continued promotion of Marie Skłodowska-Curie Actions

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# ... Framework conditions for EU-Korea R&I cooperation

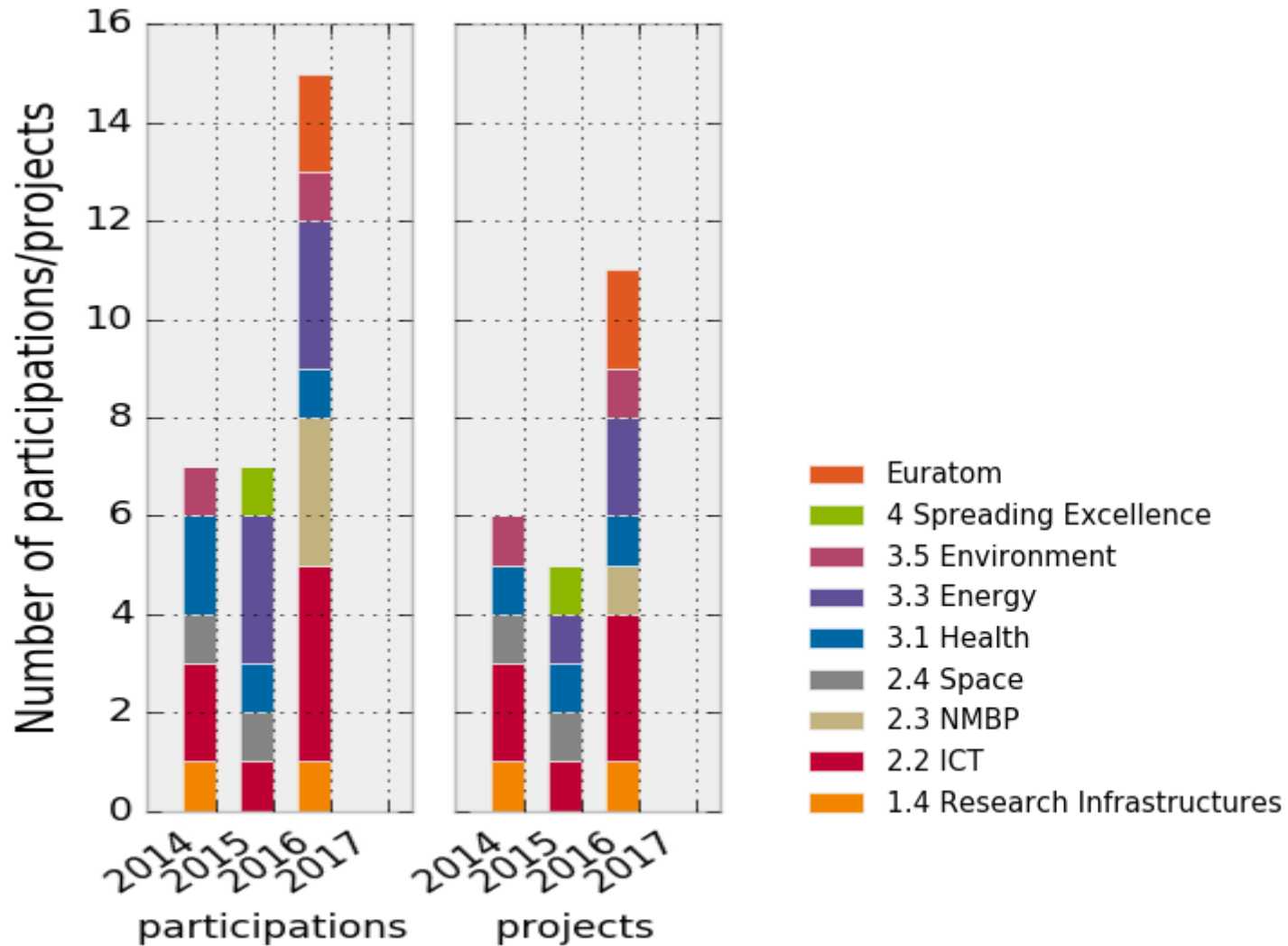
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- Partnering and guidance
  - Organising R&I Days and other matchmaking events
  - Horizon 2020 National Contact Points
  - Booklet with EU and Member States activities with Korea
- Creating a level playing field
  - Legal and administrative issues
  - Monitoring cooperation intensity

# Priority areas of future cooperation

- ICT: 5G technologies and systems, Internet of Things, Cloud computing, AI
- Clean energy innovation
- Advanced nanoelectronics
- Nanosafety
- Health and biomedical challenges
- Applications for global navigation satellite system
- Automated road transport
- Innovation for disaster-resilient societies
- Cryosphere research
- Nuclear energy

## KR: Participations in Horizon 2020



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