



European Union HORIZON 2020 R&I Programme

New opportunities for EU-Korea cooperation

29 June, 2018

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Delegation of the EU to the RoK



HORIZON 2020



Outline

- 1. EU & Horizon2020**
- 2. EU-Korea S&T Cooperation Framework**
- 3. Work Programme 2018-2020**
- 4. Vehicles for Cooperation**
- 5. Horizon Europe 2021-2027**

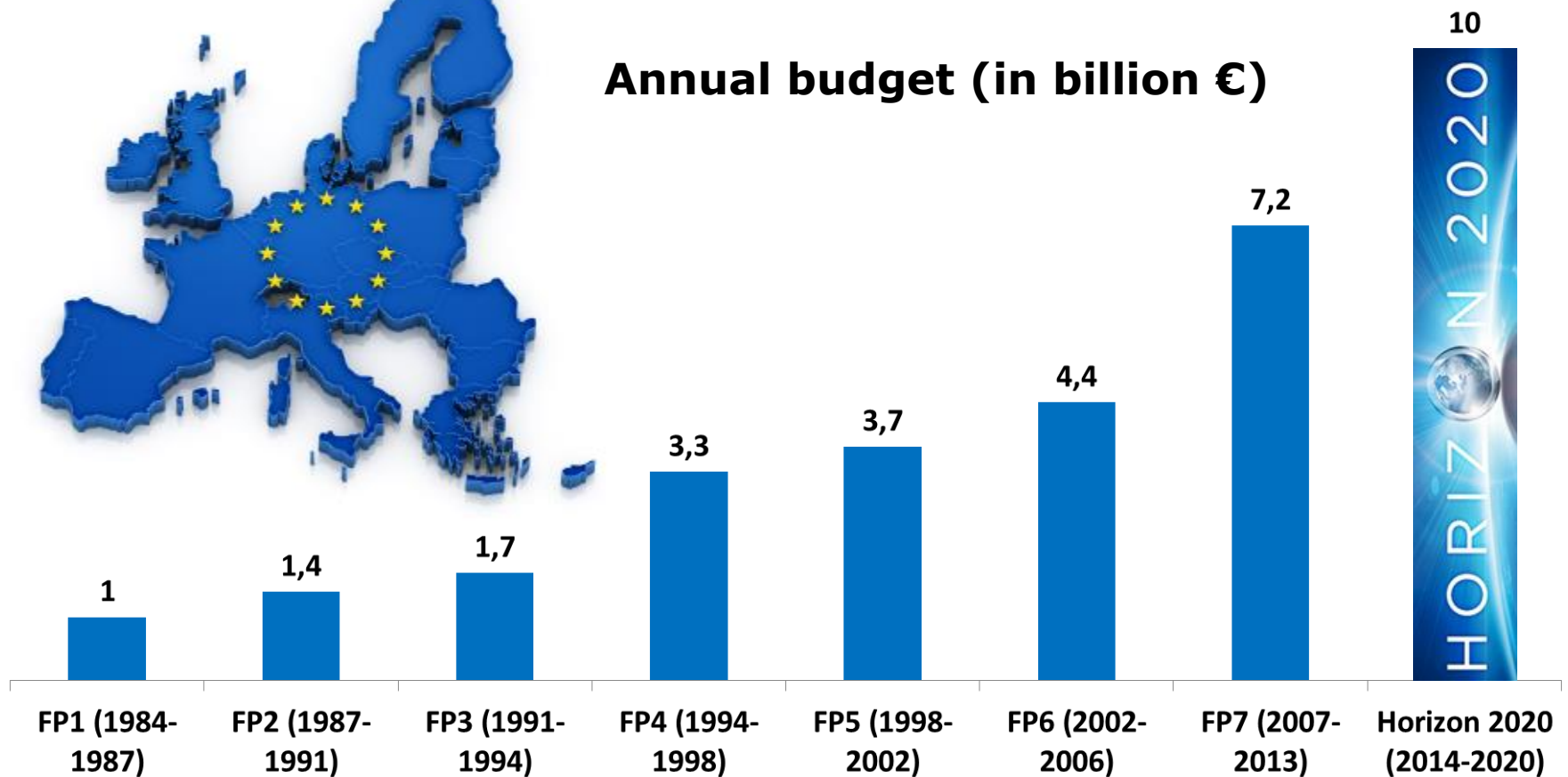


1. EU & Horizon2020

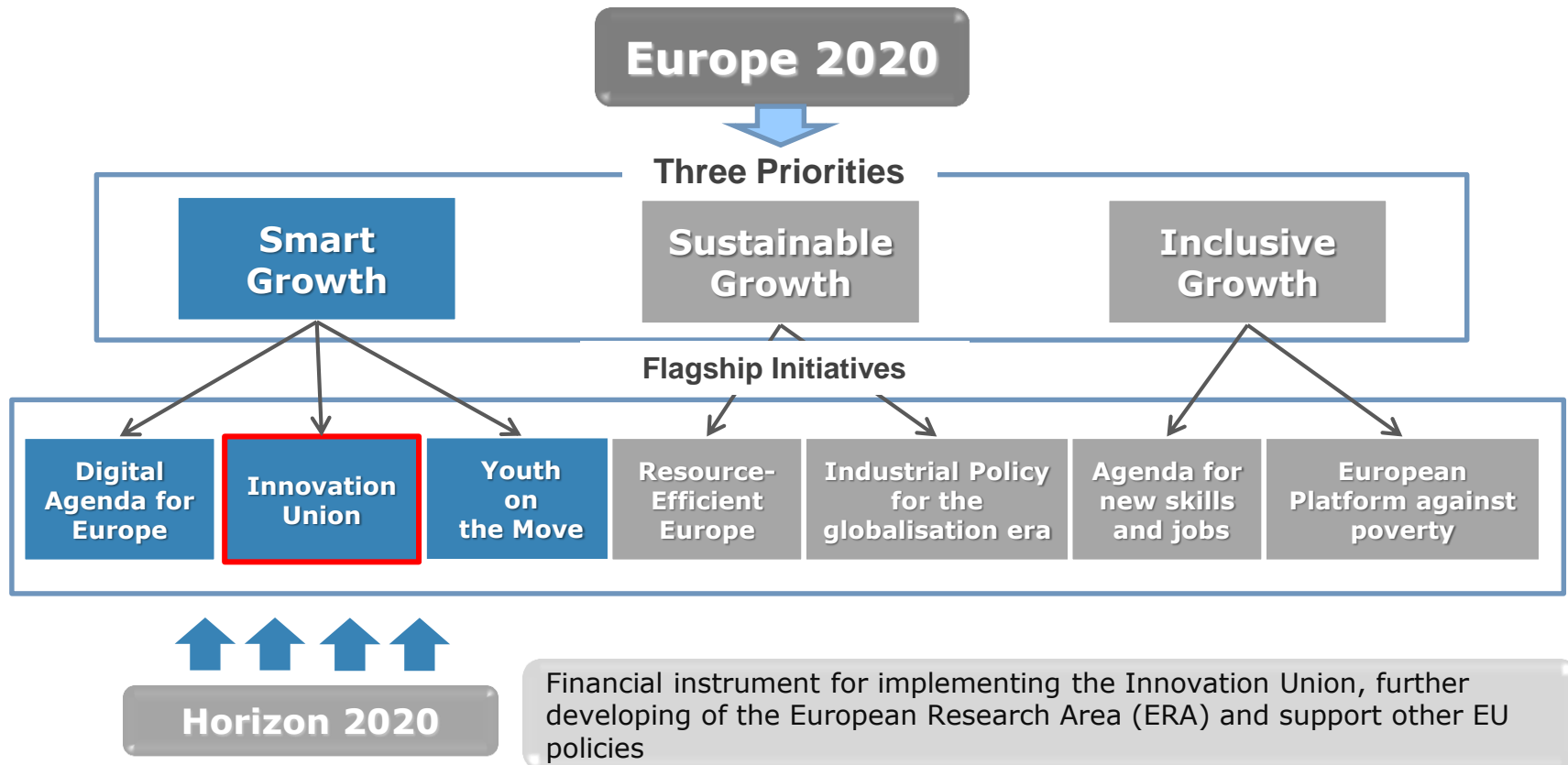
European Union

- **Member States:** 28 countries
- **Type:** Politico-economic union
- **Population:** 500 million (7.3% of the world population)
- **Common Currency:** Euro (19 countries)
- **Operation system:** supranational institutions and intergovernmental-negotiated decisions by the member states
- **Leaders:** President of the European Commission, Mr Jean-Claude Juncker
President of the European Council, Mr Donald Tusk
President of the European Parliament, Mr Antonio Tajani
- **Legislature:** Council and the EU Parliament
- **GDP/Per capita(2017):** \$17.1 trillion /\$36,700
- **Diplomatic Mission** throughout the world: United Nations, the WTO, the G8, and the G-20

Research and innovation is a growing priority for the EU



Europe 2020



See http://ec.europa.eu/europe2020/index_en.htm

policy priorities set by European Commissioner Moedas

Open Innovation, Open Science and Open to the World



Open Science

- ✓ Open Access
- ✓ Open Data and European Open Science Cloud
- ✓ Research Integrity
- ✓ Inclusiveness & Citizen Science

Open Innovation

- ✓ European Innovation Council
- ✓ Venture capital funds of funds
- ✓ Pro innovation Regulatory Environment
- ✓ Boosting Private Investment
- ✓ Maximizing Impact of EU funding

Open to the World

- ✓ Leading & working with multilateral initiatives & international organisations
- ✓ Better framework conditions for research and innovation cooperation
- ✓ Science diplomacy and synergies with the EU's external policies

Priorities of current EU Commission



Jobs, Growth and Investment



Digital Single Market



Energy Union and Climate

Internal Market

Economic and Monetary Union

EU-US Free Trade

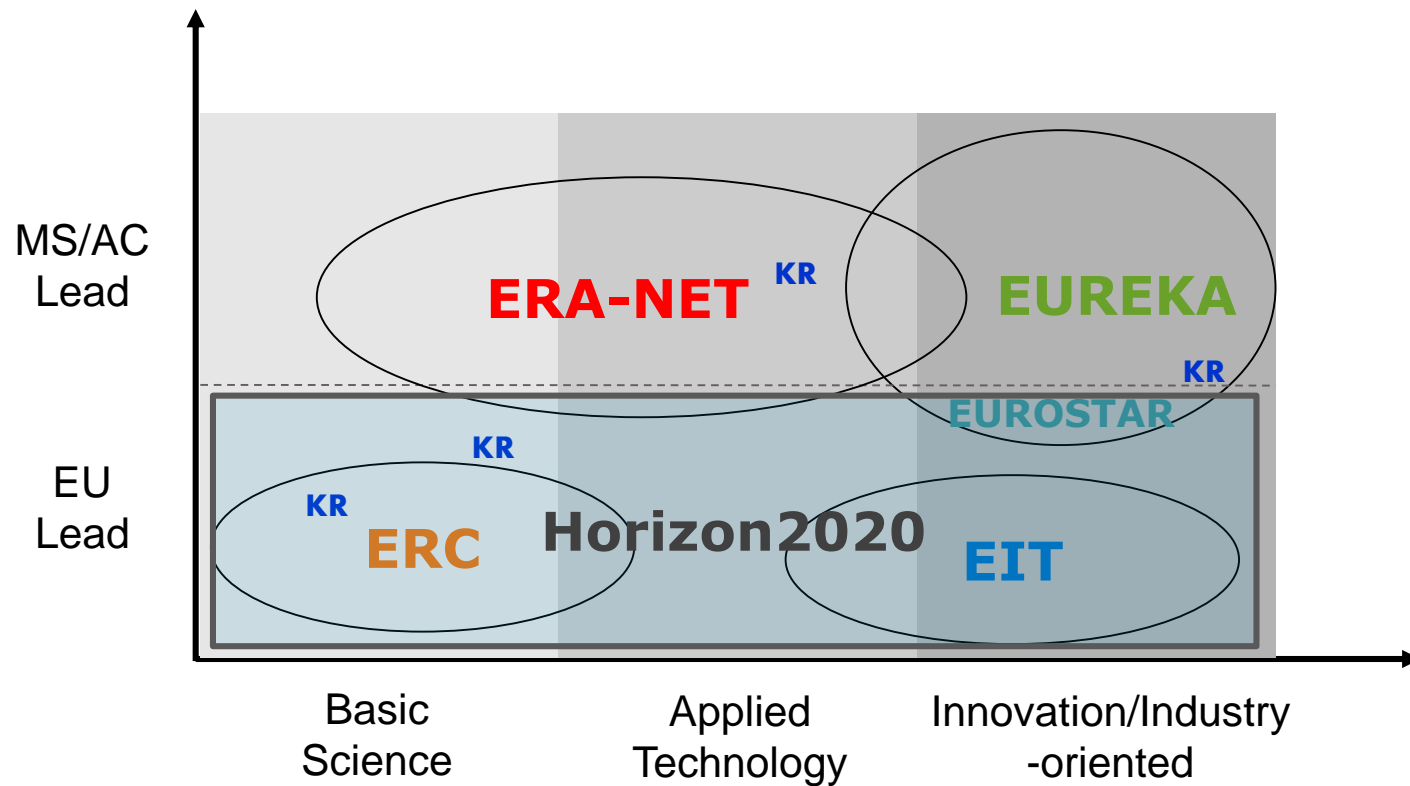
Justice and Fundamental
Rights

Migration

EU as a Global Actor

Democratic Change

Major Programmes led by EU or MS/AC



What is Horizon 2020?

- ✓ The biggest Research- and Innovation-funding programme ever: nearly **€ 77 billion / 7 years** (2014-20)
 - The only part of the EU budget to increase (30% more than 2007-13)
- ✓ The most **open programme** in the World!
 - International cooperation at its core
- ✓ **'From lab to market'**
 - Basic and applied research, technology development and integration, testing and validation, demonstration and piloting
 - Innovation-driven Public-Private Partnerships
 - SME measures: collaborative projects, new SME instrument, Eurostars etc.
 - Access to finance: debt and equity instruments
- ✓ **'Challenge-based'** ≠ 'discipline-based'
- ✓ **Simple**: faster, less red tape



1. EU & Horizon2020

Three Main Priorities

€24 billion

Excellent Science

- European Research Council (€13,095mil)
- Future and Emerging Technologies (€2,696mil)
- Marie Skłodowska-Curie actions (€6,162mil)
- Research infrastructures (€2,488mil)

Industrial Leadership

- Leadership in enabling and industrial technologies (€13,577mil)
- Access to risk finance (€2,842mil)
- Innovation in SMEs (€616mil + complemented by 20% of budget of 'Societal challenges' and 'Access to risk finance' with strong SME focus)
- European Institute of Innovation and Technology (EIT)
- Joint Research Centre (JRC)

€17 billion

Societal Challenges

€29 billion

- Health, demographic change and wellbeing (€7,472mil)
- Food security, sustainable agriculture and forestry, marine and maritime and inland water research and the Bioeconomy (€3,851mil)
- Secure, clean and efficient energy (€5,931mil)
- Smart, green and integrated transport (€6,339mil)
- Climate action, environment, resource efficiency and raw material (€3,081mil)
- Inclusive, innovative and reflective societies (€1,310mil)
- Secure societies (€1,695mil)
- Science with and for society (€462mil)
- Spreading excellence and widening participation (€816mil)

But Not Only About Money!

- ✓ **Value of EU programmes much more than cash value!**
- ✓ **Deep relationships, collaboration – goes on even after the grant period!**
- ✓ **Working with the best brains – in the EU and internationally**
- ✓ **EU-based international companies (including Korean) have understood!**
- ✓ **Key role for industry – Public Private Partnerships**

Keeping it Simple!

✓ **Simplified Structure and Funding Rules**

- Architecture: Integration of FP7, CIP, EIT in one single programme
- Fewer legal acts: before 12 legal acts, now one!
- Coherent set of rules applicable to all actions
- Common toolkit of funding schemes

✓ **Simplified Control and Risk Strategies**

- Extension of the guarantee fund to all actions under H2020
- Reduction of ex-ante checks
- Ex-post audit strategy: reduced audit burden; focus on risk-based audits and fraud detection; expectation: max. 7% audited

✓ **Simplified implementation**

- Single IT platform for all EU research and innovation funding
- All electronic /No paper! **All in Participant Portal!**
- Overhaul of practical processes and requirements for proposal submission, negotiation, reporting etc. Simplified guidance documents, support services

General Opening

Fully open to participation from across the world!!

✓ **Automatically eligible for funding**

- Member States, Associated Countries, int'l European interest org.
- Exhaustive list of 'developing countries' identified in annex to the work programme

✓ **Not automatically eligible for funding**

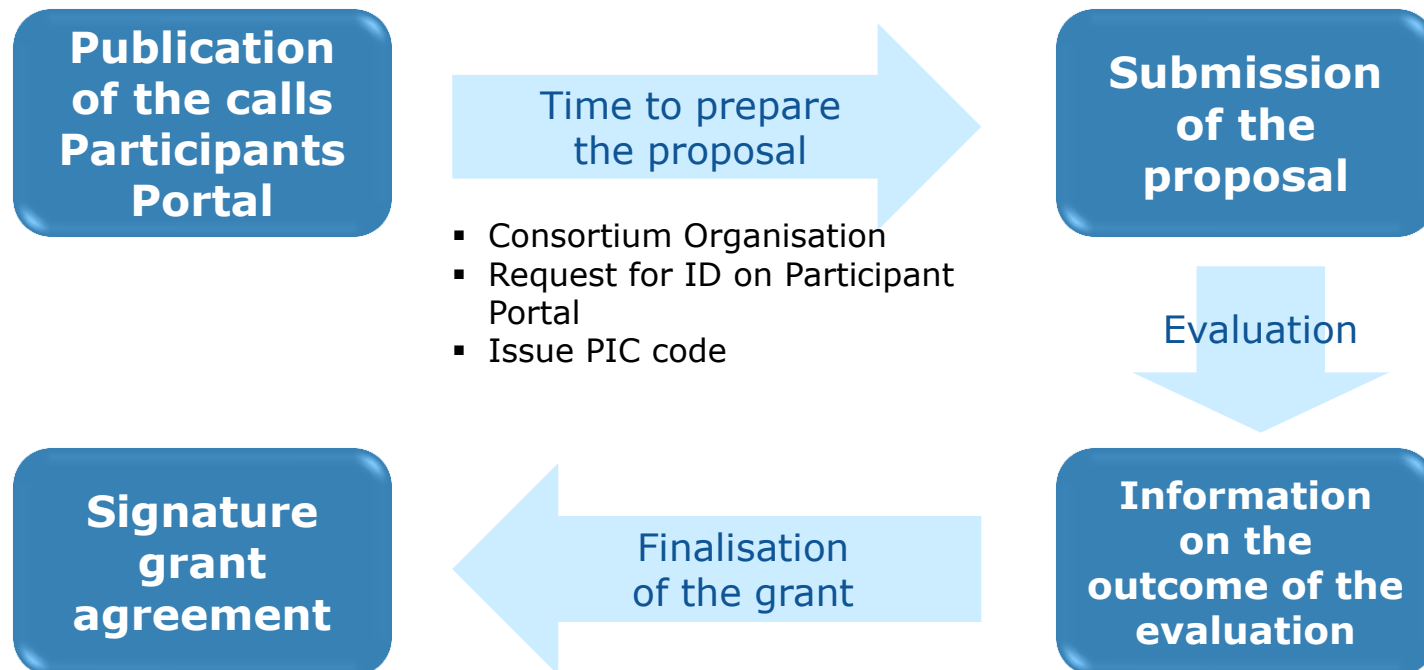
- 'Industrialised countries and emerging economies' – including Korea, BRIC-M, US etc.

** Matching funds provided by Korean government to Korean participants*

✓ **but may be granted funding when:**

- Provision is made in the work programme; or
- Provision in bilateral S&T agreement; or
- The Commission deems participation essential for carrying out the action (project case-by-case assessment)

The Process: from Call to Grant Agreement



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

Evaluation of Proposals

STANDARD AWARD CRITERIA

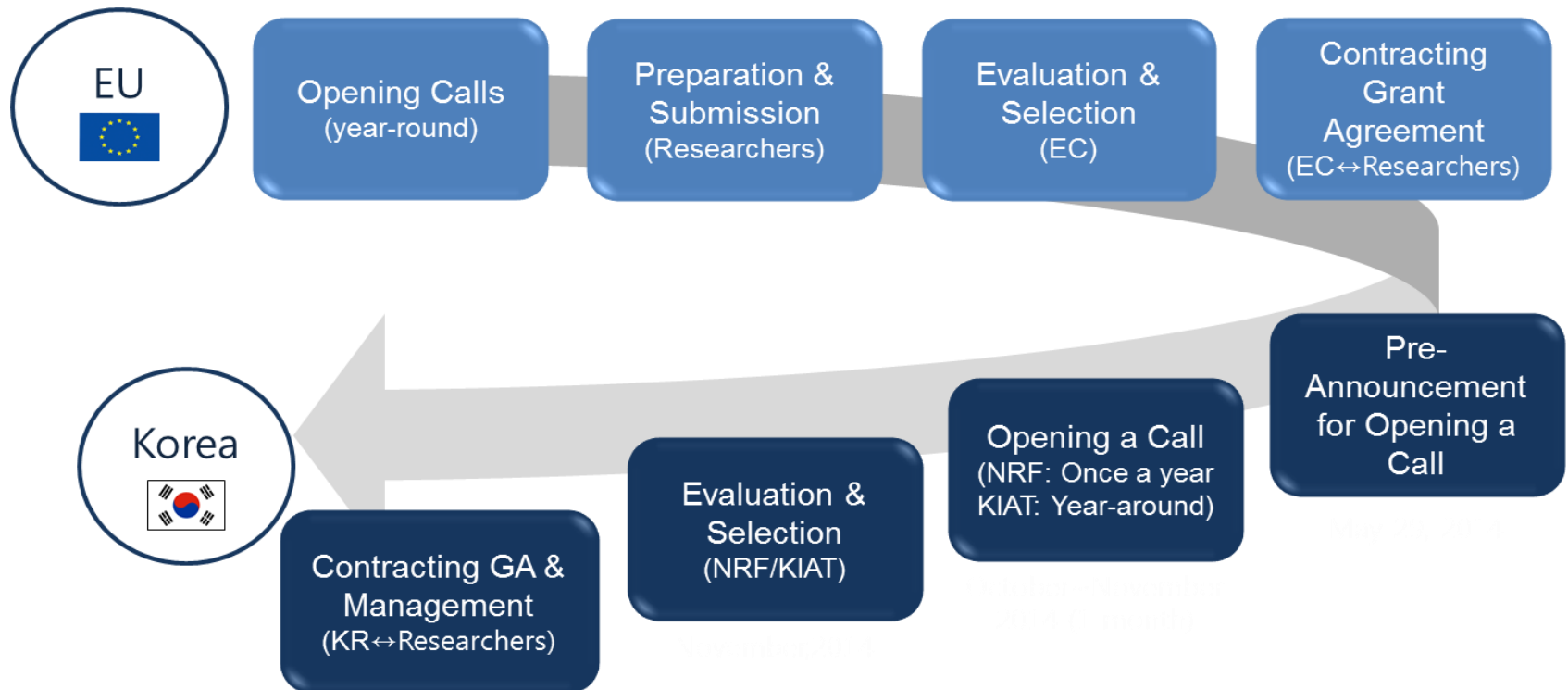
EXCELLENCE

IMPACT

QUALITY &
EFFICIENCY
OF THE ACTION

- Relative evaluation : Top projects within budget
- Score of each criteria : 0-5
- Threshold per criteria : 3
- Maximum Total Score: 15
- Threshold for total score : 10

The Process for matching fund by KR





2. EU-Korea S&T Cooperation Framework



"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...)

EU-Korea Joint S&T Cooperation Committee Brussels, 20 September, 2017



At the meeting both sides reaffirmed commitments to deepen, scale up and open new opportunities for cooperation in strategic areas of mutual benefits. EU-Republic of Korea cooperation will be strongly encouraged on an extended range of topics such as 5G technologies and systems, nanoelectronics, nanosafety, clean energy innovation, automated driving systems, disaster-resilient societies and polar research.

source: <http://ec.europa.eu/research/iscp/index.cfm?pg=korea>

Framework conditions for EU-Korea R&I cooperation

✓ **Commitments to programmatic cooperation**

- Joint, coordinated and twinning calls
- Cooperation through global multilateral initiatives : Health/Bio

✓ **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

Framework conditions for EU-Korea R&I cooperation

✓ **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

✓ **Institutional-level cooperation**

- Korea Atomic Energy Research Institute (KAERI) – JRC neutron laboratory
- Korea Research Institute of Standards and Science (KRISS) – JRC in nanosafety
- Korean Construction Engineering Development Collaboratory Management Institute (KOCED) – JRC in resilience and protection of civil engineering structures and critical infrastructures against natural hazards and extreme events

✓ **Creating a level playing field**

- Legal and administrative issues
- Monitoring cooperation intensity

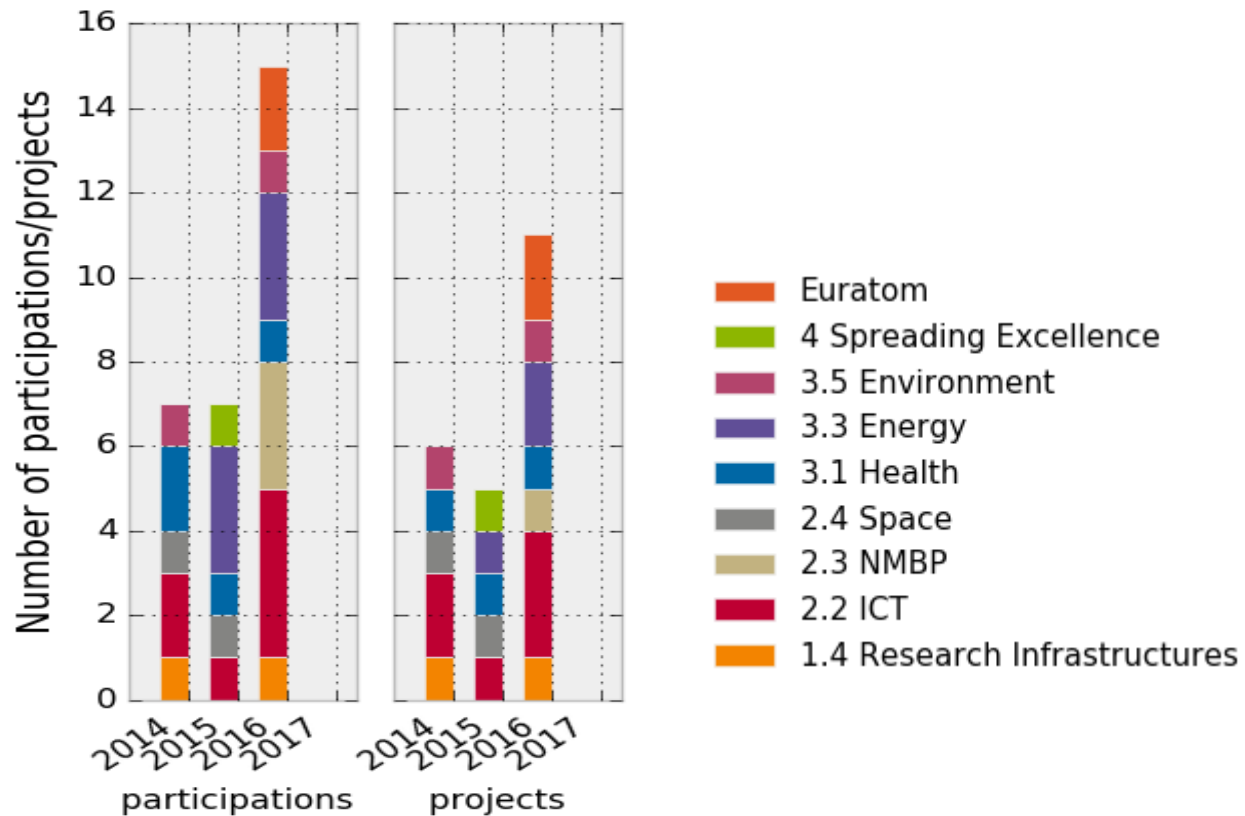
Priority areas of future cooperation

- ✓ **ICT:** 5G technologies and systems, Internet of Things, Cloud computing, AI
- ✓ **Nanotechnology:** Nano safety, Nanoelectronics
- ✓ **Health and biomedical challenges:** Glpoid-R (infectious disease), IRDiRC (rare diseases) / JPIAMR (antimicrobial resistance),
- ✓ **Energy:** Carbon Capture Storage / Clean energy innovation
- ✓ **Satellite Navigation:** GNSS
- ✓ **Automated road transport**
- ✓ **Innovation for disaster-resilient societies**
- ✓ **Climate Action and cryosphere research**

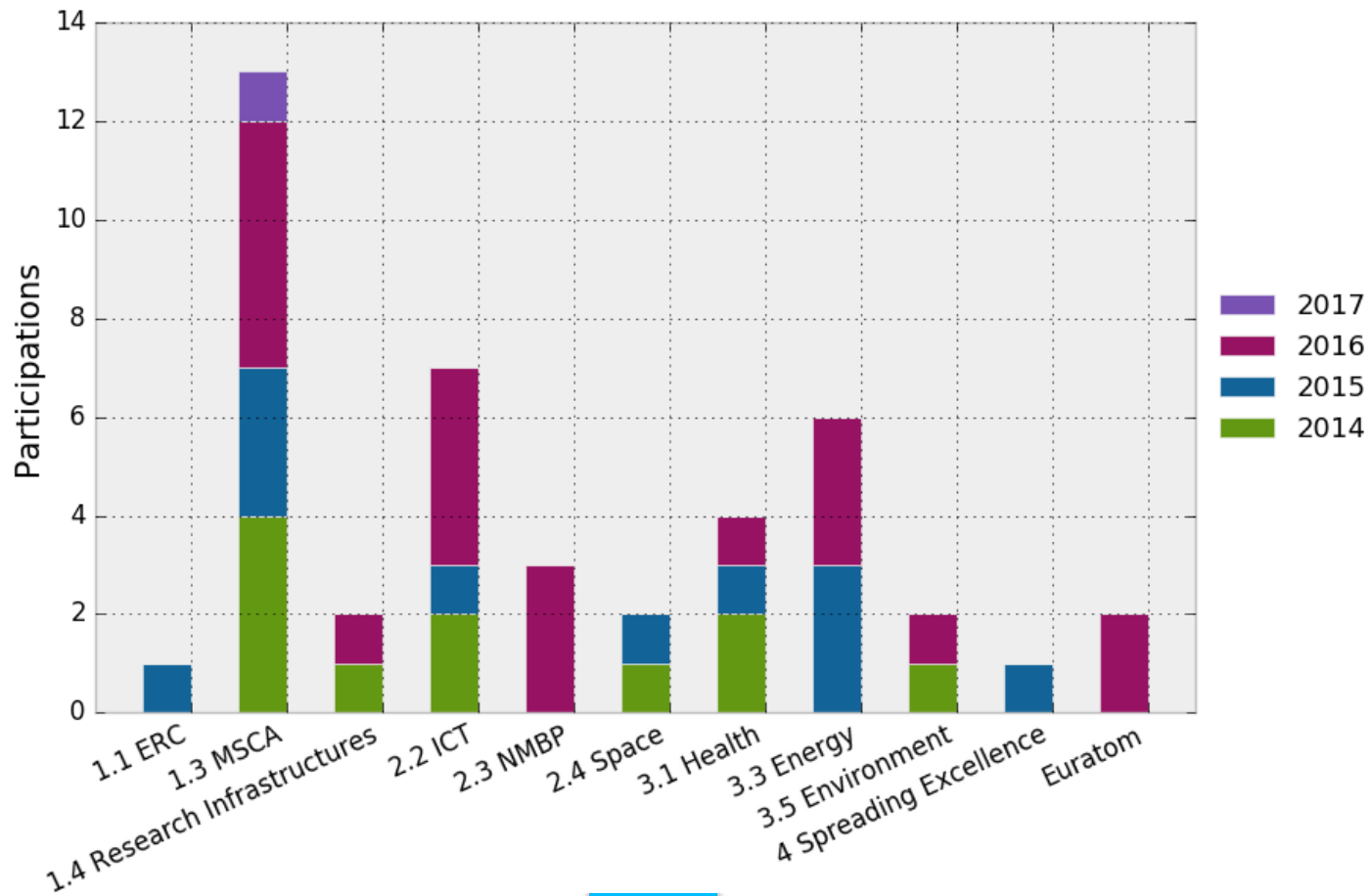


3. Work Programme 2018-2020 - Targeting Korea

Korean Participation in Horizon2020 2014-2017



Korean Participation in Horizon2020 2014-2017



Open to the World

- ✓ **600+ topics open for international cooperation**
- ✓ **150+ topics targeting cooperation with specific (group of) countries**
- ✓ **Over €1 billion investment for around 30 international cooperation flagship initiatives:**
 - Climate action in support of the Paris Agreement
 - Clean energy in context of Mission Innovation
 - All Atlantic Ocean Research Alliance Flagship
 - wide range of bilateral cooperation initiatives
 -
- ✓ Strong international component in **European Research Council (ERC)** & **Marie Skłodowska-Curie actions (MSCA)**

WP 2018-20 Major Call Deadlines

2018		2019					
Aug	Sep	Jan	Feb	Mar	Apr	Aug	Sep
Secure societies	Climate		Climate Cryosphere	Space GNSS, Int'l Cooperation, space weather		Secure societies	
		Nano, Transportation		ICT Unconventional Nanoelectronics	Transportation		Transportation
	Energy Clean- energy transition, Conversion of captured Co2					Energy Clean- energy transition, CCUS	

ICT

Topic Code	Topic Title	Targeted countries	Deadline	Indicative budget 2018 (m€)	Indicative budget 2019 (m€)
EUK-02-2018	5G	KR	31/01/2018	4	0
EUK-01-2018	Cloud, IoT and AI technologies	KR	31/01/2018	2,2	0
ICT-06-2019	Unconventional Nanoelectronics	JP, KR, TW, US	28/03/2019	0	30

Nanotechnologies, Materials, Biotechnologies, and Production technologies

Topic Code	Topic Title	Targeted countries	Deadline	Indicative budget 2018 (m€)	Indicative budget 2019 (m€)
NMBP-13-2018	Risk Governance of nanotechnology	US, KR, BR, CA, AU, CN, JP, ZA	23/01/2018	14	0
NMBP-14-2018	Nanoinformatics: from materials models to predictive toxicology and ecotoxicology	US, KR, BR, CA, AU, CN, JP, ZA	23/01/2018	14	0
NMBP-15-2019	Safe by design, from science to regulation: metrics and main sectors	US, KR, BR, CA, AU, CN, JP, ZA	22/01/2019	0	24

Space

Topic Code	Topic Title	Targeted countries	Deadline	Indicative budget 2018 (m€)	Indicative budget 2019 (m€)
SPACE- E GNSS - 4-2019	Awareness Raising and capacity building	All	5/03/ 2019	0	2
DT- SPACE- 06-EO- 2019	International Cooperation Copernicus – Designing EO downstream applications with international partners	Partners with Copernicus cooperation arrangement	12/03/ 2019	0	5
SU- SPACE- 22-SEC- 2019	Space weather	All	12/03/ 2019	0	9

Health

Topic Code	Topic Title	Targeted countries	Deadline	Indicative budget 2018 (m€)	Indicative budget 2019 (m€)
SC1-HCC-03-2018	Support to further development of international cooperation in digital transformation of health and care	US, CA, CN, JP, KR	24/04/2018	2	0

+ Topics contributing to **Global Health Multilateral Initiatives**

Energy

Topic Code	Topic Title	Targeted countries	Deadline	Indicative budget 2018 (m€)	Indicative budget 2019 (m€)
LC-SC3-RES-4-2018	Renewable energy system integrated at the building scale	Mission Innovation countries	31/01/2018	27	0
LC-SC3-RES-5-2018	Increased performance of technologies for local heating and cooling solutions	Mission Innovation countries	13/02/2018	10	0
LC-SC3-RES-25-2020	Development of next generation biofuel and alternative renewable fuel technologies from CO2 and renewable energy (Power and Energy to Fuels)	Mission Innovation countries	To be decided	To be decided	To be decided
LC-SC3-CC-1-2018-2019-2020	Social Sciences and Humanities (SSH) aspects of the Clean-Energy Transition	Mission Innovation countries	2 steps: 6/9/2018; 27/8/2019	10	10
CE-SC3-NZE-2-2018	Conversion of captured CO2	Mission Innovation countries	06/09/2018	12	0
LC-SC3-NZE-5-2019-2020	Low carbon industrial production using CCUS	Mission Innovation countries	27/08/2019	0	33
LC-SC3-ES-3-2018-2020	Integrated local energy systems (energy islands)	All	05/04/2018	32	0

Transport

Topic Code	Topic Title	Targeted countries	Deadline	Indicative budget 2018 (m€)	Indicative budget 2019 (m€)
DT-ART-01-2018	Testing, validation and certification procedures for highly automated driving functions under various traffic scenarios based on pilot test data	US, JP, KR, SG, AU	4/04/2018	6	0
DT-ART-02-2018	Support for networking activities and impact assessment for road automation	US, JP, KR, SG, AU	4/04/2018	9	0
DT-ART-03-2019	Human centred design for the new driver role in highly automated vehicles	US, JP, KR, SG, AU	24/04/2019	0	8
DT-ART-04-2019	Developing and testing shared, connected and cooperative automated vehicle fleets in urban areas for the mobility of all	US, JP, KR, SG, AU	24/04/2019	0	30
LC-MG-1-10-2019	Logistics solutions that deal with requirements of the 'on demand economy' and for shared-connected and low-emission logistics operations	All	2 steps: 16/01/2019 12/09/2019	0	10

Climate Action

Topic Code	Topic Title	Targeted countries	Deadline	Indicative budget 2018(m€)	Indicative budget 2019(m€)
LC-CLA-07-2019	The changing cryosphere : uncertainties, risks and opportunities	US, CA, CN, JP, RU, KR, NZ, IN, SG	19/02/ 2019	0	39
LC-CLA-08-2018	Addressing knowledge gaps in climate science , in support of IPCC reports	All	2 steps: 27/02/ 2018 04/09/ 2018	60	0

Secure Societies

Topic Code	Topic Title	Targeted countries	Deadline	Indicative budget 2018(m€)	Indicative budget 2019(m€)
SU-DRS02-2018-2019-2020	Technologies for first responders	JP, KR	2 steps: 23/8/ 2018; 22/8/ 2019	28	21

European Research Council



- ✓ **For excellent researchers wishing to conduct their ground breaking research in Europe**
- ✓ **Investigator-driven, no thematic priorities, bottom-up approach**
- ✓ **1 Principal Investigator and team; 1 Host institution in Europe; 1 Selection criterion: Excellence**
- ✓ **At least 50% research to be done in Europe; Project duration: Up to 5 years**

Korean researchers can apply to join ERC teams !!

- ✓ **So far, more than 1500 ERC principal investigators have expressed interest in temporarily hosting a Korean researcher in their team**
- ✓ **So far, more than 100 Korean researchers on short term visits**

Marie Skłodowska-Curie actions

✓ **Individual Fellowships (IF):**

- Supporting experienced international researchers to do research in Europe for 12-24 months
- Host institutions: from academia or industry

✓ **Innovative Training Networks (ITN):**

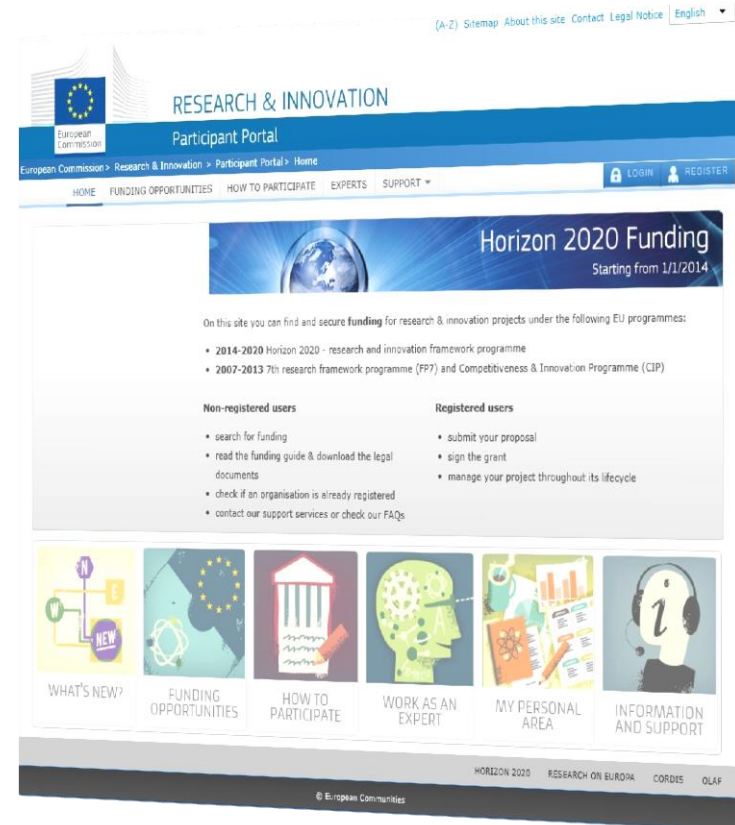
- Networks of organisations offering research and training to early-stage researchers

✓ **Research and Innovation Staff Exchange (RISE):**

- **International and inter-sectoral cooperation**

More Information:

- ✓ **Participant Portal**
<http://ec.europa.eu/research/participants/portal/>
- ✓ **Horizon 2020 National Contact Points**
http://ec.europa.eu/research/participants/portal/desktop/en/support/national_contact_points.html
- ✓ **Research Enquiry Service**
<http://ec.europa.eu/research/index.cfm?pg=enquiries>





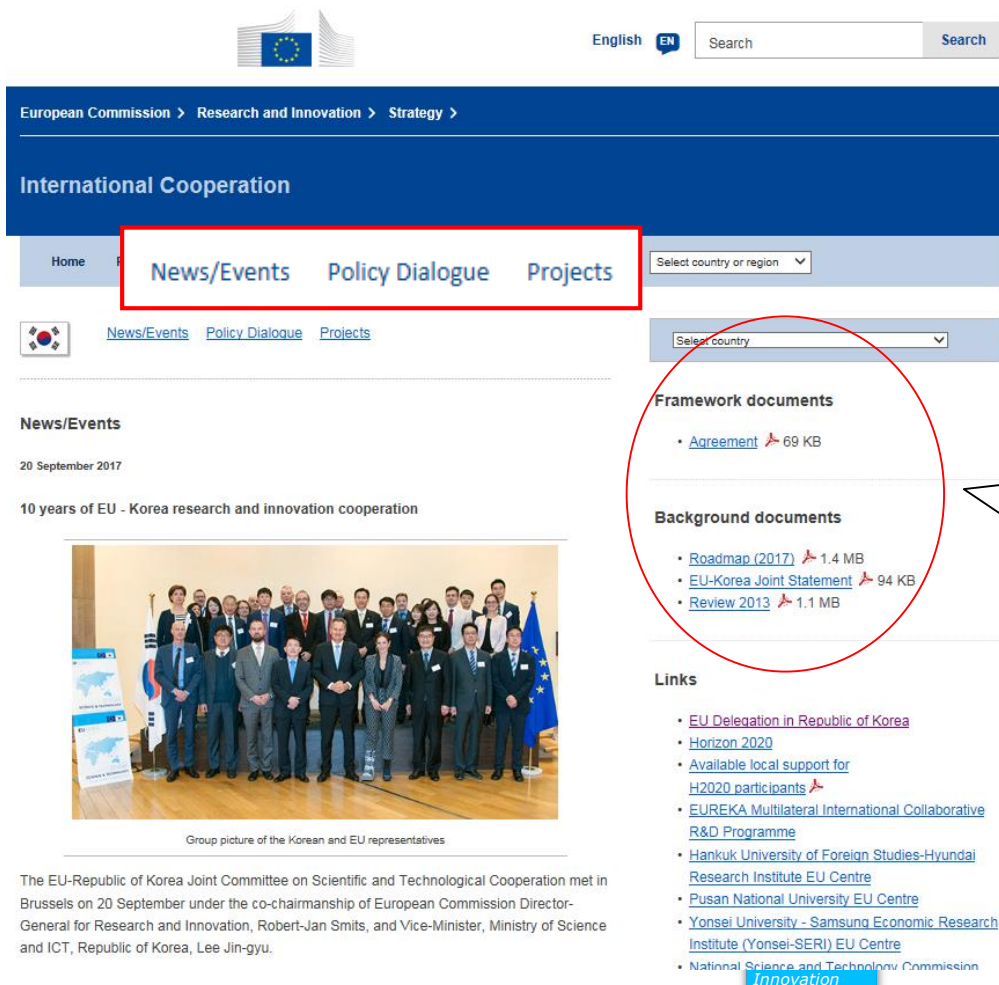
4. Vehicles for Cooperation

EU-Korea Research & Innovation Day

- ✓ **Date** Wednesday, 12 September, 2018
- ✓ **Venue** Lotte Hotel Seoul (TBD)
- ✓ **Organisator** EU Delegation to Korea, NRF
- ✓ **Sponsor** European Commission, Ministry of Science, ICT and Technology
- ✓ **Programme**
 - [Morning Session] **EU and Member States' STI Policies**
 - [Afternoon1] **Key programmes of the EU**
 - [Afternoon2] **NCP workshop in 6 areas**
ICT, Nanotechnology, Energy, Health, Transport
EUREKA/EUROSTAR2 programme for SMEs



Websites : EU International R&I Cooperation



European Commission > Research and Innovation > Strategy >

International Cooperation


Home **News/Events** Policy Dialogue Projects

Select country or region

News/Events Policy Dialogue Projects

20 September 2017

10 years of EU - Korea research and innovation cooperation



Group picture of the Korean and EU representatives

The EU-Republic of Korea Joint Committee on Scientific and Technological Cooperation met in Brussels on 20 September under the co-chairmanship of European Commission Director-General for Research and Innovation, Robert-Jan Smits, and Vice-Minister, Ministry of Science and ICT, Republic of Korea, Lee Jin-gyu.

Framework documents

- [Agreement](#) 69 KB

Background documents

- [Roadmap \(2017\)](#) 1.4 MB
- [EU-Korea Joint Statement](#) 94 KB
- [Review 2013](#) 1.1 MB

Links

- [EU Delegation in Republic of Korea](#)
- [Horizon 2020](#)
- [Available local support for H2020 participants](#)
- [EUREKA Multilateral International Collaborative R&D Programme](#)
- [Hankuk University of Foreign Studies-Hyundai Research Institute EU Centre](#)
- [Pusan National University EU Centre](#)
- [Yonsei University - Samsung Economic Research Institute \(Yonsei-SERI\) EU Centre](#)
- [National Science and Technology Commission](#)

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<http://ec.europa.eu/research/iscp/index.cfm?pg=korea>

Websites : EU International R&I Cooperation

↑ English ▾ Login · 스크랩 · About NRF · Sitemap search

KOREA-EU STI COOPERATION

과기정책 및 사업 협력프로그램 사업공고 자료실 News & Info 국가조정관제도(NCP)

EU Plaza

유럽연합(EU)관련 정보제공 및 EU관련 연구자간 교류의 장

한-EU과학기술정책 및 사업

KONNECT, KIC-Europe, EUREKA 사업소개 및 국내 NCP제도 소개 등 한-EU과학기술 정책 및 사업 대한 정보

한-EU과학기술협력프로그램

HORIZON 2020사업, ERC 사업, EU중심협력사업, GRN사업, GRI사업 소개

Start here Horizon 2020

시작 가이드라인
Horizon 2020에 처음이라면 여기서 시작하세요!

KONNECT MAP

국내연구자와 EU연구자간 공동연구 또는 EU과제를 수행한 경험 기록합니다.

EU Plaza

EU 회원국에 대한 정보 제공

자료실

[KONNECT 결과물] D.5.1 Project Activity and
[EU 워크숍] EU 사업설명회 및 네트워크 워크숍 - 발표자료
[KONNECT 결과물] D.5.4 Risk and Quality Management

사업공고

> read more

- 2016년도 한-독 [2 + 2] 산학연 공동연구... '16.09.28
- Opportunities for Researchers from the... '15.12.15
- [이달의 공고-7월] Starting Grant / Call f... '16.08.09
- [이달의 공고-7월] 사회적 과제(Societal C... '16.08.09

Horizon 2020 공고-연간일정
Horizon 2020 공고-분기일정

News & Event

> read more

- [EU MSCA] 유럽연구기관 - 개인 연구자 모집 공고... '16.09.29
- 한-EU Coordinated Calls R&D 컨퍼런스(10/10~12... '16.09.28
- [EU R&I Day] 2016 EU 연구혁신의 날 (2016.10.04) '16.09.23
- [Brokerage Event] 2016년도 한-EU 연구자 매치메... '16.08.26

Useful Links < || >

NRF 한국연구재단 미래창조과학부 European Union

Research and Innovation

사업공고

> read more

- 2016년도 한-독 [2 + 2] 산학연 공동연구... '16.09.28
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Horizon 2020 공고-연간일정

Horizon 2020 공고-분기일정

News & Event

> read more

- [EU MSCA] 유럽연구기관 - 개인 연구자 모집 공고... '16.09.29
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National Contact Point (NCP)

✓ Korean NCPs

Area	NCP	
	EU Office	Korea
National Coordinator	You Sik KIM (MSIT)	Seok Ho KIM (NRF)
MSCA (Mobility)	-	Seung Mi HAN (NRF)
ICT	Oh Cheon KWON (KERCE/ETRI)	-
Secure, clean and efficient energy	-	Ho-Jeong RYU (KIER)
Climate / Resource / Raw Material	Sang-Won RA (KERCE/NRF)	Ho-Jeong RYU (KIER)
Health, Bio, Food Security	-	Kwang-Hee BAE (KRIBB)
Nanotechnology	-	Jae Yong SONG (KRISS)
Small and Medium Enterprises	Cheonkyo PARK (KIAT)	-
European Research Council	-	Man Sok PARK (MSIT) / Hyong Ha KIM (KRISS)
Future Emerging Technology	Jongwoon HWANG (KIST-Europe)	Jung Wook KIM (KIAT)
Space	-	Eun-jung LEE (KARI)

✓ European NCPs :

http://ec.europa.eu/research/participants/portal/desktop/en/support/national_contact_points.html

Search for:

Select the country
Member states
Austria
Belgium

All functions
Coordinator
Legal and Financial
SMEs

SEARCH

Sort by ☒ Country ☐ Contact name ☐ Most recent ☐ Organisation

Other Sources of Guidance and Information

In Korea



Delegation of the
European Union to the
Republic of Korea

https://eeas.europa.eu/delegations/south-korea_en

In Belgium



Korea Research &
Innovation Centre in Europe
www.k-erc.eu



KIAT Europe Office
<http://kiat.or.kr>

- ✓ **Horizon 2020 Participant Portal**
<http://ec.europa.eu/research/participants/portal/desktop/en/home.html>
<http://ec.europa.eu/research/participants/portal/desktop/en/funding/index.html>
- ✓ **Partner Search**
<https://cordis.europa.eu/partners/web/guest/home>



5. Horizon Europe 2021-2027

Horizon Europe

is the Commission proposal for a **€ 100 billion** research and innovation funding programme for seven years (2021-2027)



to strengthen the EU's scientific and technological bases



to boost Europe's innovation capacity, competitiveness and jobs



to deliver on citizens' priorities and sustain our socio-economic model and values

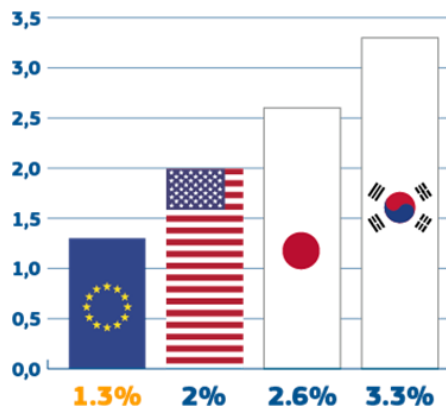
Additional **€ 4.1 billion** are proposed to be allocated for defence research, in a separate proposal for a European Defence Fund

Horizon Europe

While benefiting from world-class research and strong industries...

Our knowledge and skills are our main resources.

- **7%** of the world's population
- **20%** of global R&D
- **1/3** of all high-quality scientific publications



1.3%
EU business
R&D
investment



...Europe fails to transform
leadership in science into
leadership in innovation and
entrepreneurship

Horizon Europe: evolution not revolution

Specific objectives of the Programme

Support the creation and diffusion
of high-quality knowledge

Strengthen the impact of R&I
in supporting EU policies

Foster all forms of innovation and
strengthen market deployment

Optimise the Programme's delivery for impact in a strengthened ERA



Pillar 1 Open Science

European Research Council

Marie Skłodowska-Curie Actions

Research Infrastructures



Pillar 2 Global Challenges and Industrial Competitiveness

Clusters

- Health
- Inclusive and Secure Society
- Digital and Industry
- Climate, Energy and Mobility
- Food and natural resources

Joint Research Centre



Pillar 3 Open Innovation

European Innovation Council

European innovation ecosystems

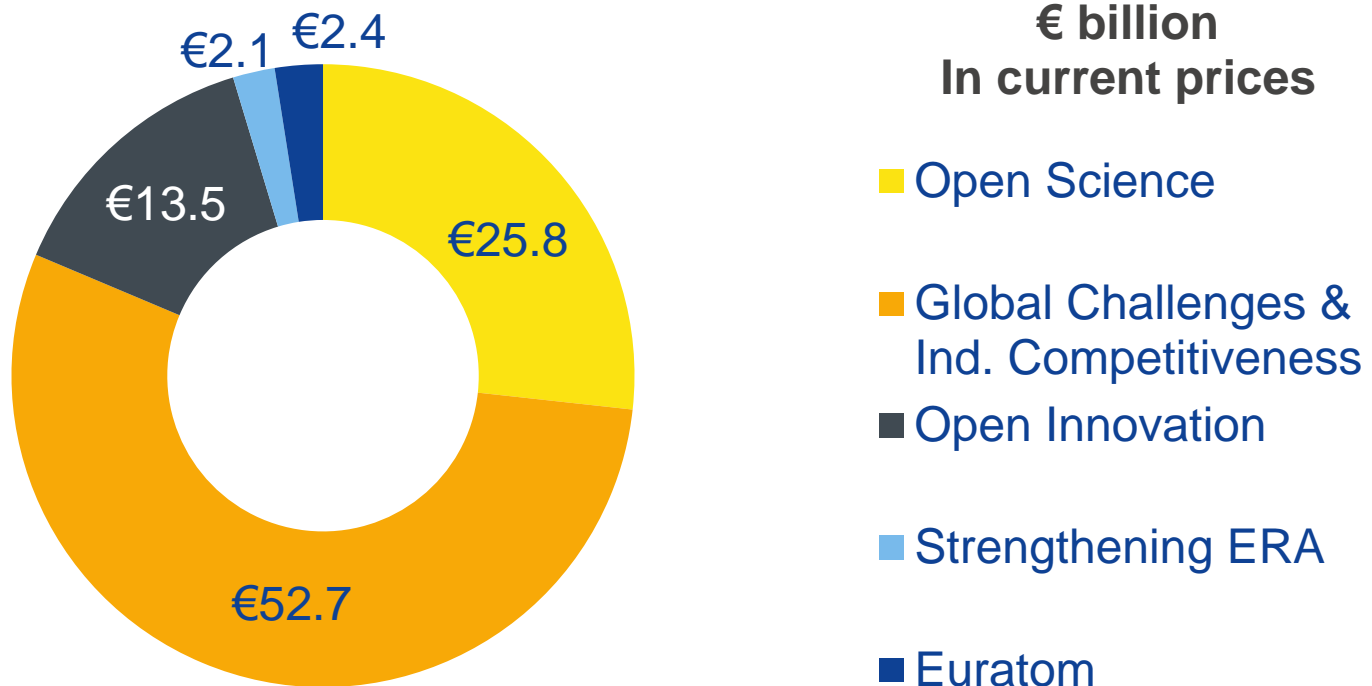
European Institute of Innovation
and Technology

Strengthening the European Research Area

Sharing excellence

Reforming and Enhancing the European R&I system

Budget: €100 billion* (2021-2027)



* This envelope includes EUR 3.5 billion allocated under the InvestEU Fund.



HORIZON 2020

**Thank you
for your attention!**

Find out more:
www.ec.europa.eu/horizon2020

HORIZON 2020