
KERC

Korea-Eu Research Centre

A Bridgehead to enhance
Korea-EU R&D Cooperation



Greetings

The official partnership between South Korea and the EU in the R&I areas was established in 2007 by implementing the Korea-EU Scientific & Technological Cooperation Agreement.

In this context, Korea-EU Research Centre[KERC] was established in 2013 to promote the R&I cooperation between Korea and the EU, under the influence of Korean Ministry of Science and Technology and the National Research Foundation of Korea[NRF].

Our mission is to promote the R&I cooperation between Korea and Europe. To achieve this mission, we are committed to serve as a platform for both Korean and EU researchers in order to facilitate their collaborations through setting up network and community, and providing R&I information of both countries such as policy trend, research trend and results, human resources, research institutes, funding programmes, and project calls.

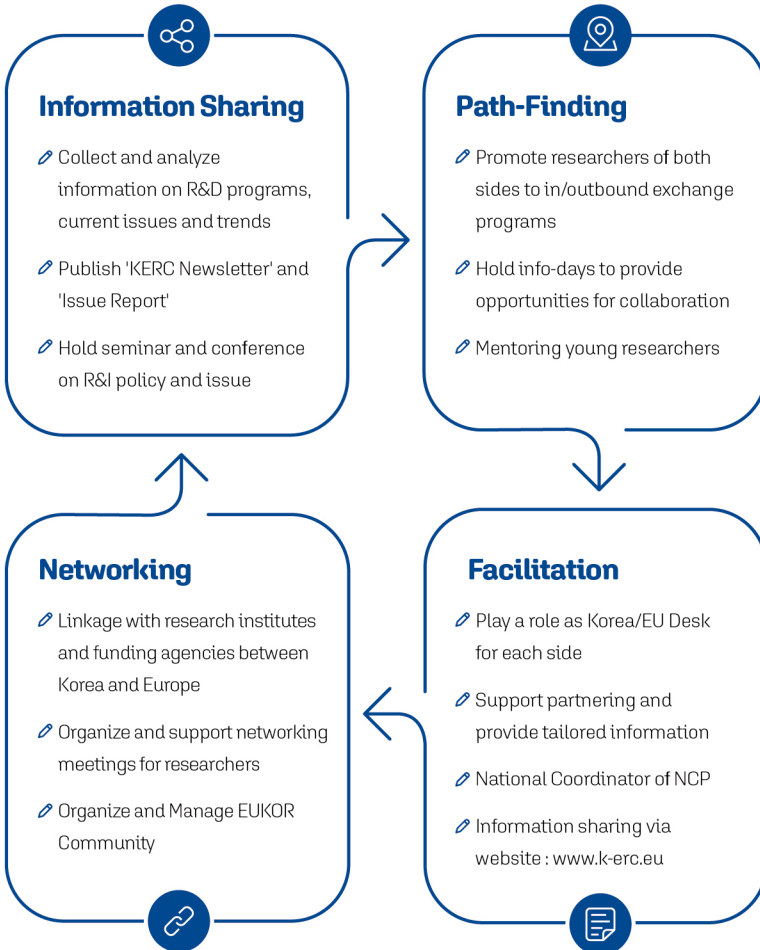
It is highly welcomed for researchers and institutes of both sides to utilize KERC as a hub for international cooperation. We invite you "A Bridgehead to enhance Korea-EU R&D Cooperation."

I would like to express my sincere gratitude to all the researchers who are showing their interest in KERC and its activities.

CHO Woohyun PhD,
Director General of KERC

“Leadership beyond membership”

Our mission is to promote the R&I cooperation between Korea and Europe through various activities, from improving mutual understandings to creating opportunities for diversified match-makings and collaborations.



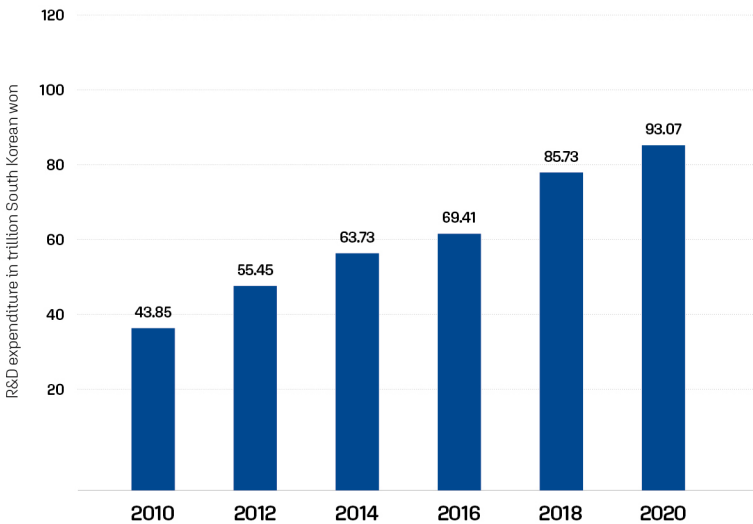
Why KOREA?

R&I RESOURCES

Korea has achieved rapid economic growth to become one of major economies in the world and has successfully transformed itself to a global leader in innovation and technology. It has the 4th largest economy in Asia, and the 10th in the world. It currently has a population of 51 million, and its GDP reached to 1,682 billion euro, and GDP per Capita to 32,583 euro.

Korea R&D spending as a share of GDP has exceeded 4.81% in 2020, which is the 2nd highest level among all countries. Regarding the pool of researchers, the total number of researchers per 1,000 population is greater than 7, which is very high compared to the major countries. It came from the strong education and the investments in natural science and engineering.

Total amount of expenditure on R&D in Korea

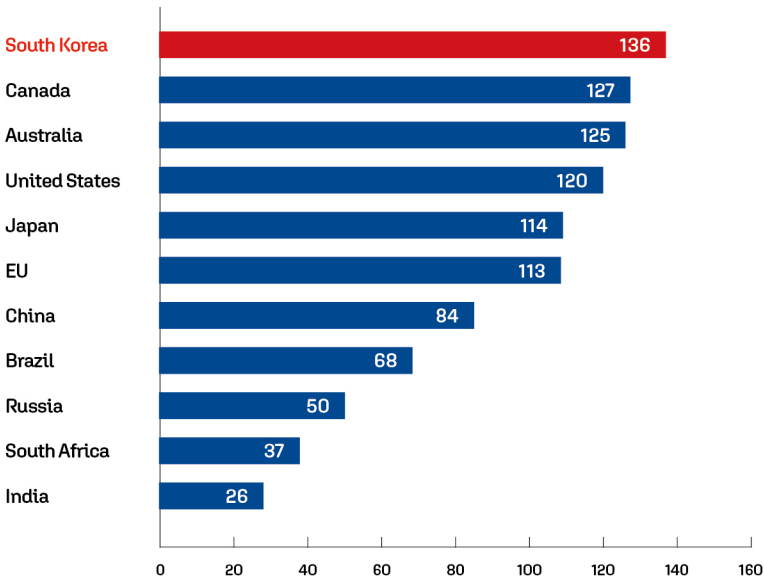


R&I PERFORMANCES

South Korea is the most innovative country in European Innovation Scoreboard 2021, performing 36% above the performance score of the EU in 2014 and 21% above the EU in 2021.

Korea had a great success especially on the performance in the publications and patents. It has the 12th largest number of publications (SCI) among all countries, and the 4th in patent applications to the Patent Cooperation Treaty (PCT).

Global Performance in 2021 relative to that of the EU in 2014



KOREA-EU R&I Cooperation

The Cooperation between EU and Korea is important for both sides as there is strong potential to work for mutual benefit in a wide range of areas.



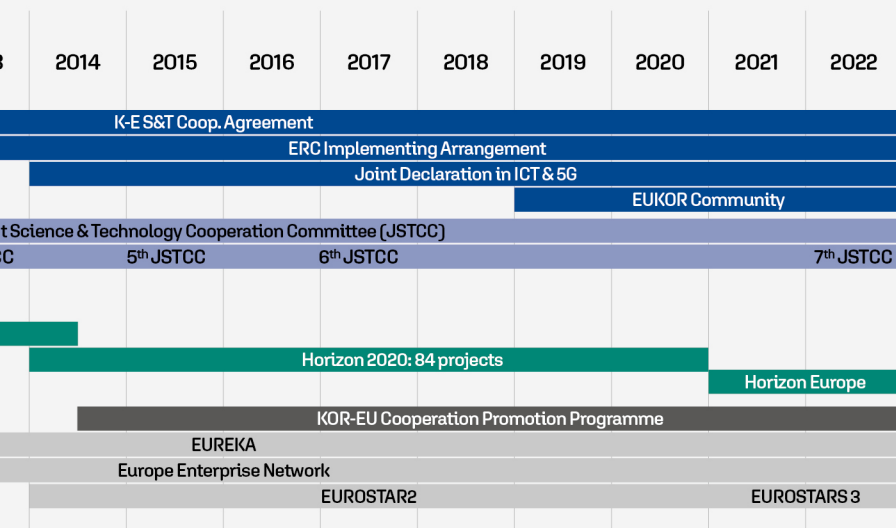
	2007	2008	2009	2010	2011	2012	2013
S&T Agreement	[Timeline bar from 2007 to 2013]						
Political Dialogue	[Timeline bar from 2007 to 2013]						
	1st JSTCC	2nd JSTCC		3rd JSTCC		4th JSTCC	
Framework programme	[Timeline bar from 2007 to 2013]						
	EU FP7: 53 projects						
Other Activities	[Timeline bar from 2007 to 2013]						
	EU FP7 Participation Support Programme						

On 14 February 2022 at the 7th EU-ROK Joint S&T Cooperation committee meeting, EU and Korea addressed **ICT, Health/ BIO, Climate Change and Emerging Future Technology, Research Hub, and Human capital development** as five priority areas for cooperation.

The cooperation between EU and Korea has performed more than 130 joint research projects since 2007. Until now, Korea has involved in Horizon 2020 as 84 projects. And now the talk on participation of Korea to Horizon Europe as an associated country is developing.

The EC's Joint Research Centre also cooperates with Korean Institutions mainly in the fields of health, measurement science, energy and transport, construction standards, nuclear safety and security.

KOR-EU Cooperation



KERC 2022-2023



NCP activities

Provide information on EU R&I policy, recent project calls of EU framework programme and its results, as well as expert advice in their field. Coordinate Korea-EU R&D cooperation.



Expertise-driven activities

Enhance expertise on main R&I cooperation areas (ICT, BT, Policy)



KERC Issue Report

Share the knowledge obtained from its In-depth analysis on current key R&I issues and societal issues in Europe.



e-KERC (www.k-erc.eu)

To increase its accessibility and availability, through the web platform, share the relevant knowledge & information and digitalize the activities promoting Korea-EU R&I cooperation.



EUKOR Community

Activate the Korea-EU Networking platform for collaborative actions between research and funding agencies in Korea and in Europe.



EU Research Career

Enhance opportunities for young researchers to develop their research careers in Korea and in Europe.



KERC Newsletter

Publish weekly newsletters on the research and the R&I policy trends in Europe and Korea.

EUKOR Community

'The Europe-Korea Research and Innovation Community' was launched in 2019 as a structured platform for collaborations. The Community aims to promote Korea-EU R&I cooperation through the knowledge exchange on the R&I policy, the match-making events for researchers, and joint calls to support research collaborations and mobility programmes.



The Community is jointly funded by following agencies

 <p>DLR project management agency [Germany]</p>	 <p>Czech Academy of Sciences [Czech Republic]</p>
 <p>Fond National de Recherche Scientifique [Belgium]</p>	 <p>Centre National de Recherche et Science [France]</p>
 <p>Centre for the Development of Industrial Technology [Spain]</p>	 <p>Swiss National Science Foundation [Switzerland]</p>
 <p>Research Council of Norway [Norway]</p>	 <p>Romanian Office for Science and Technology [Romania]</p>
 <p>National Centre for Research and Development [Poland]</p>	 <p>National Research Foundation of Korea [Korea]</p>
 <p>Korea-EU research Centre [Secretariat]</p>	

Member Organisations of KOREA



National Research Foundation of Korea

National funding agency of Korea covering all academic fields and supporting research capacity.



Korea Institute of S&T Evaluation and Planning

Government-funded policy institute in science and technology area.



Electronics and Telecommunications Research Institute

Research institute pursuing innovations of the information and communication technologies.



Your link to Korea-Europe R&D Cooperation

Institute for Information and Communications Technology Planning & Evaluation

Government-funded institute supporting research projects of the information and communication technologies.




Korea Institute of Oriental Medicine

Government-funded policy institute in science and technology area.




Korea Agency for Infrastructure Technology Advancement

Research institute pursuing innovations of the information and communication technologies.




We serve with knowledge to enhance Korea-EU relations





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