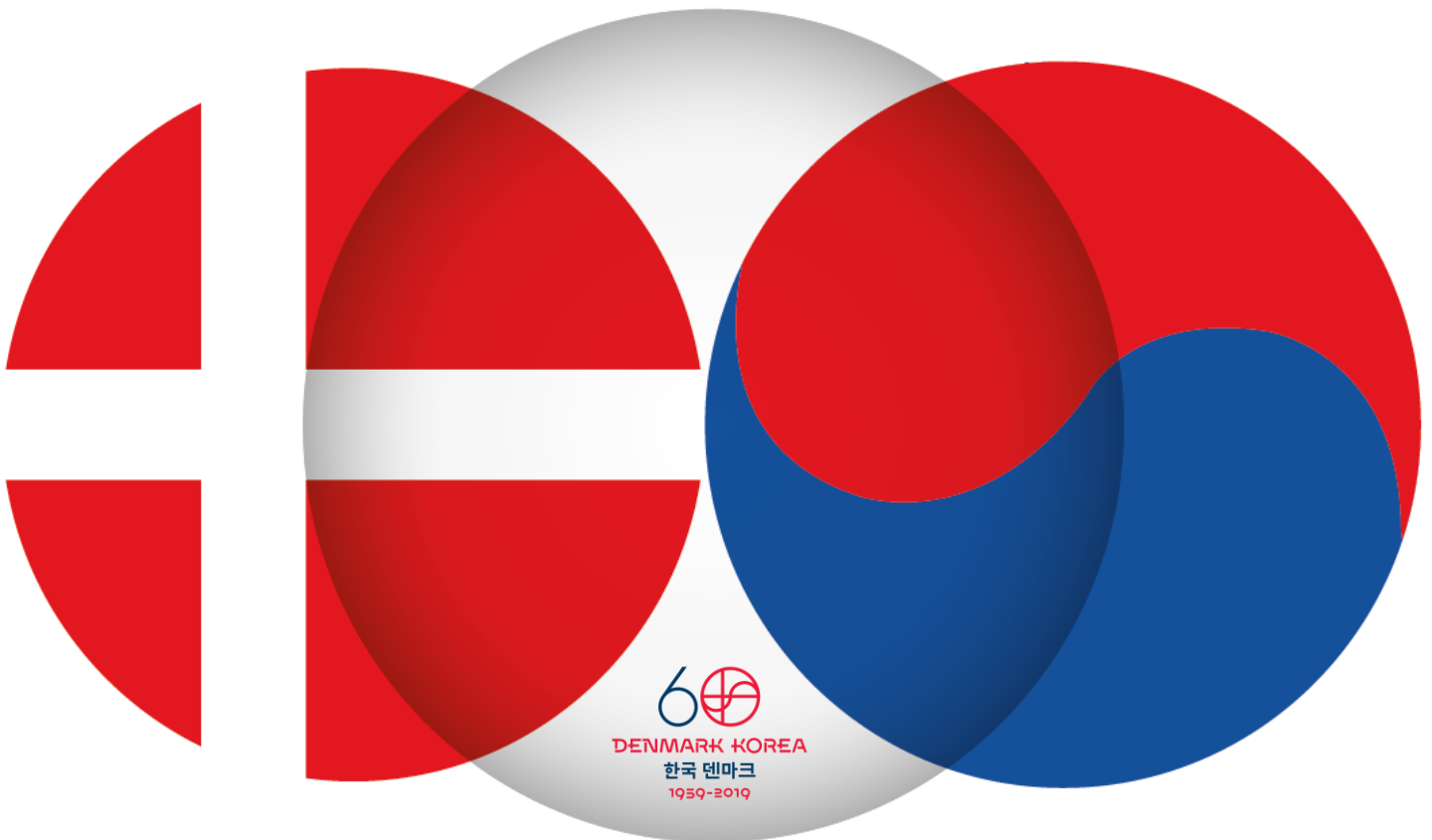




Denmark-South Korea: Thematic Funding Guide



**Version updated
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INTRODUCTION

About “Denmark – South Korea: Funding Guide 2019-2020”

This guide provides an overview of funding opportunities for researchers with particular interest in mobility or collaboration between Denmark and South Korea. The guide contains information about funding schemes for mobility, research and innovation.

This funding guide is aimed at researchers based at Danish institutions working or looking for a research collaboration with Korean counterparts and students based in Korea looking for a higher education programmes.

Please note that the Korean funding sources included in this guide are explicitly targeted towards international researchers and research collaboration

where Danish partner/s can be the driving force in establishing new partnerships. Many other South Korean research funding schemes also allow for internationalisation, however, the lead applicant always needs to be a South Korean national.

The funding guide is not an exhaustive overview of all current funding opportunities for collaboration between Denmark and South Korea. It provides a general overview of the opportunities identified and currently deemed relevant by Innovation Center Denmark in Seoul.

In 2019-2020, Innovation Centre Denmark in Seoul is focusing on the three thematic areas; Clean Tech, ICT and Life Science. The thematic funding guide is available at the website indicated below.

<http://sydkorea.um.dk/en/innovation-centre/>

<http://sydkorea.um.dk/en/innovation-centre/funding-guide>

Innovation Centre Denmark aims to strengthen research, innovation and higher education in Denmark and to promote Denmark as a leading knowledge society. The Danish innovation centres can provide you with access to knowledge, technology and networks in selected global leading research, education and innovation environments. Innovation Centre Denmark in Munich, New Delhi, Sao Paolo, Seoul, Shanghai, Boston, Silicon Valley and Tel Aviv are established in cooperation between the Ministry of Foreign Affairs and the Ministry of Higher Education and Science.

INNOVATION CENTRE DENMARK SEOUL

About "Denmark-Korea: Thematic Funding Guide 2019-2020"

Innovation Centre Denmark (ICDK) in Seoul, South Korea contributes to the Danish Government's effort to intensify bilateral relations with South Korea. Especially in scientific, technical, administrative and commercial sectors, ICDK works actively towards establishing various platforms for collaboration to provide benefit to Danish and South Korean companies, researchers, and institutions.

ICDK Seoul continues to raise awareness among South Korean institutions and universities of Danish strongholds via one-on-one meetings, event and seminar participations as well as workshop and conference facilitation. Currently, ICDK Seoul is focusing on three thematic area i.e. Clean Tech, ICT and Life science. The funding opportunities for three thematic area is available below:

(Last update on November 2019)

CLEAN TECH

To achieve the ambition of becoming the world's 5th greenest country, the South Korean government will spend approximately 2% of annual GDP on green growth programs and projects by 2050. Having already spent 62.8 billion USD, the South Korean government implemented ten policies for green growth under three strategies. For instance, the South Korean government aims to increase the share of renewable energy by up to 20% by 2030.

Climate Action EU-Korea	Research field	European-Korean Joint Research and Pilot Projects Renewable Energy Promotion; Energy-Efficient Buildings
	Eligibility	Climate Partnerships are composed at least of one European and one Korean entity from any of the following categories: government authorities at the sub-national level, NGOs and CSOs, business intermediaries, SMEs, research institutes and academia.
	What is Funded / Duration and Deadline	Up to EUR 20,000 (EUR 300,000)
Eureka thematic call: Advanced materials	Research field	(1) Semiconductors and Display (2) Secondary Batteries and Sensor Technology, including Energy Storage (3) Carbon Industry and Chemistry, including Lightweight Materials, Composites and Recycle of Plastics Nano Materials and Plastic materials (4) Machinery, Robots, and Metal Industry
	Eligibility	Within Eureka, the call is based on mutual consent between the participating countries' funding bodies incl. Korea (KIAT) and Denmark (IFD)
	What is Funded / Duration and Deadline	Up to 390,000 EUR per project per year (KR) Up to 500,000 EUR per project (DK) 30 June 18:00 CET

	More Information	https://www.eurekanetwork.org/content/multilateral-call-projects-advanced-materials
MUDP: Light house projects	Research field	Light house projects should be seen as a help to pioneers working within in the environmental field. The aid remedies some of the economic uncertainties that are otherwise associated with the establishment of new projects.
	What is Funded	They thus provide an option to give funds to e.g. the establishment of facilities, and not only development, test and demonstration as is the norm. In addition, it is an opportunity to test promising technologies at full scale.
	Duration and Deadline	Pitch deadline mid-March for pitch Application deadline 14 August
	More Information	https://eng.ecoinnovation.dk/the-danish-eco-innovation-program/light-house-projects/
More information of Horizon2020 funding calls are available at: https://ec.europa.eu/programmes/horizon2020/en/what-horizon-2020		
Basic research (TRL 1-4) funding calls are coming spontaneously at: https://www.nrf.re.kr/biz/notice/list?menu_no=44		
Both applied and basic research (TRL 3-8) funding calls are coming spontaneously at: https://www.ketep.re.kr/businessAcment/businessAcmentList.do?srch_menu_nix=alDGohUo		

ICT

As various indicators show, South Korea is a frontrunner in the development of ICT and IoT. It has the fastest internet and is the most connected nation in the world.

Eureka thematic call: AI	Research field	AI based research
	Eligibility	Within Eureka, the call is based on mutual consent between the participating countries' funding bodies incl. Korea (KIAT) and Denmark (IFD)
	What is Funded / Duration and Deadline	15th June 2020
SPC Sejong Smart City Project	Research field	AI Data Hub Platform, Smart IoT, Cyber Security, Digital Twin, Transportation (e.g. Integrated Mobility Service), Healthcare, Education, Energy, Environment, Safety, Living
	Eligibility	An independent corporation or a consortium of two or more corporations (corporation participating in the consortium is not to participate as the sole corporation or in other consortiums)
	What is Funded / Duration and Deadline	Allocated budget: 74,168,600 Euro (100 bil KRW) Wednesday April 29, 2020 – June 30, 2020 (Submission of Letter of Intent to participate in the project via email momoiz@lh.or.kr) Friday September 18, 2020 (Submission of Project Proposal by visiting the Sejong Office of LH)
	More Information	Call text: https://bit.ly/2AW8X9G (Only in Korean) For inquiries, contact +82 44 903 4504

Smart City Innovation Growth Engine Program	Research field	Culture, arts, sports and leisure & tourism
	Eligibility	SMEs, public research institutions, Corporate research centres, higher education institutions, etc.
	What is Funded / Duration and Deadline	Allocated budget: 556,265 Euro (750 mil KRW) Tuesday May 12 – Friday June 12 16.00 (KST) (Apply by visiting the Yongsan Smart City office of KAIA. Online application is from May 25 to June 11 16.00)
	More Information	Call text: https://bit.ly/3d1cRMQ (Only in Korean) For inquiries, contact 070 4465 0248 (Sang-A Lee)
Alchemist Project	Research field	10 Thematic Fields (please read through the thematic definition in the attachment) <ol style="list-style-type: none"> 1. Brain to X (B2X) 2. Protective Smart Body Suit 3. Gene Self-Calibration and Healing Control 4. Soft Implants without Immunity Rejection 5. Off-the-ground Mobility 6. In-situ Virus Detection Analysis System 7. AI-based Supercritical Materials 8. Molecular-level Printer 9. Production of CO2-free Hydrogen Artificial Eco-food
	Eligibility	No limitation
	What is Funded / Duration and Deadline	Allocated budget: 8,751,894 Euro (11.8 bil KRW) Wednesday May 6, 2020 – Thursday June 4, 2020 18.00 (KST) (Submission of a Project Proposal in PPT on https://itech.keit.re.kr)
	More Information	Call text: https://bit.ly/36BDmG7 (Only in Korean) For inquiries, contact +82 53 718 8347

More information of Horizon2020 funding calls are available at: <https://ec.europa.eu/programmes/horizon2020/en/what-horizon-2020>

LIFE SCIENCE

South Korea is a strong producer and developer of precision medicine and an ideal testbed for surgical robots and AI technologies. Also, it retains a top level bio database and aims to develop into a global biotech and medical industrial hub by 2020. Furthermore, it has a well-established universal healthcare system with easy access to healthcare services. The healthcare industry aspires to partner with tech startups to develop innovation in digital health based on complex engineering skills and software expertise.

New call for Coronavirus research	Research field	The European Commission has mobilised an additional €122 million from its research and innovation programme, Horizon 2020, for urgently needed research into the coronavirus (see announcement, webinar and presentation). The call addresses the following topics:
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	<ul style="list-style-type: none">- Repurposing of manufacturing for vital medical supplies and equipment- Medical technologies, Digital tools and Artificial Intelligence (AI) analytics to improve surveillance and care at high Technology Readiness Levels (TRL)- Behavioural, social and economic impacts of the outbreak response- Pan-European COVID-19 cohorts- Networking of existing EU and international cohorts of relevance to COVID-19
What is Funded / Duration and Deadline	€122 million EURO 11 th June 2020
More Information	https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/covid-19

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