



Webinar Jan. 11, 2023:

Opportunities for cooperation with Korea and Japan in Horizon Europe

Presentations by NCPs and country contacts from RNC:

Julie Christiansen,
Aleksandra W. Haugstad
Henrik Staubo
Ivonne Herrera

January 11, 2023

The Research Council of Norway



09:00 Part 1: EU Policy

RCN webinar on Opportunities for cooperation with Korea and Japan in Horizon Europe

11.01.2023

State of play for EU R&I Cooperation with Korea and Japan:

- *Victor GRAM-ERICHSEN, policy officer, Global Approach & International Cooperation in R&I, DG Research & Innovation, European Commission*

- *Ms. Tania Friederichs, Senior Policy Officer, Global Approach and International Cooperation in R&I, Directorate-General for Research and Innovation, European Commission.*

09:30 Part 2: National support schemes for Horizon Europe

Support for Japan's participation in Horizon Europe

- *Mr. Naomichi Yamada, National Contact Point (NCP) for Horizon Europe in Japan*

How is the Korean Government supporting participation in Horizon Europe?

- *WooHyun Cho, Director General of Korea-EU Research Centre*

Opportunities for Korean and Norwegian companies in Eureka/EuroStars

- *Jason Kang, NCP and director of KIAT Europe Office*

10:15 Part 3: Upcoming calls and who can assist Norwegian applicants

Calls in the Horizon Europe 2023-24 work programme relevant for cooperation with Korea and Japan,

- *Henrik Staubo, NCP Horizon Europe Cluster 5 Transportation & Maritime Sectors*

- *Ivonne Herrera, NCP Horizon Europe Cluster 4 – NCP Team lead - Digital, Industry and Space*

- *COST and Erasmus+, Aleksandra Haugstad, RCN*

Introducing 'Knowledge Team Norway' in Oslo, Tokyo and Seoul,

- *Aleksandra W. Haugstad, RCN*

11:00 Q/A session (will not be recorded)

Agenda:

Norwegian results in Horizon 2020



16,2 bill. NOK
to Norwegian
stakeholders



2,53 %
Return of
published funds to
Norway



15,1 %
Success rate for
Norwegian
applications.
General rate of
funding in H2020 -
11, 9 % of total no
of applications



108 bill. NOK
Total value of projects
with Norwegian
participation. Access
to R&I for Norwegian
stakeholders

Government strategy for Norway's participation in Horizon Europe:

- 4 goals and 6 focus areas:



- mobilisation in order to increase participation in Horizon Europe
- interaction between national and European instruments and programmes
- **European and global cooperation**
- development of policy and framework conditions
- positioning and contribution
- dissemination and use of results



Raise the quality of Norwegian research and generate more outstanding and innovative environments

Strengthen Norway's competitiveness and capacity for innovation and contribute to transition in the private and public sector.

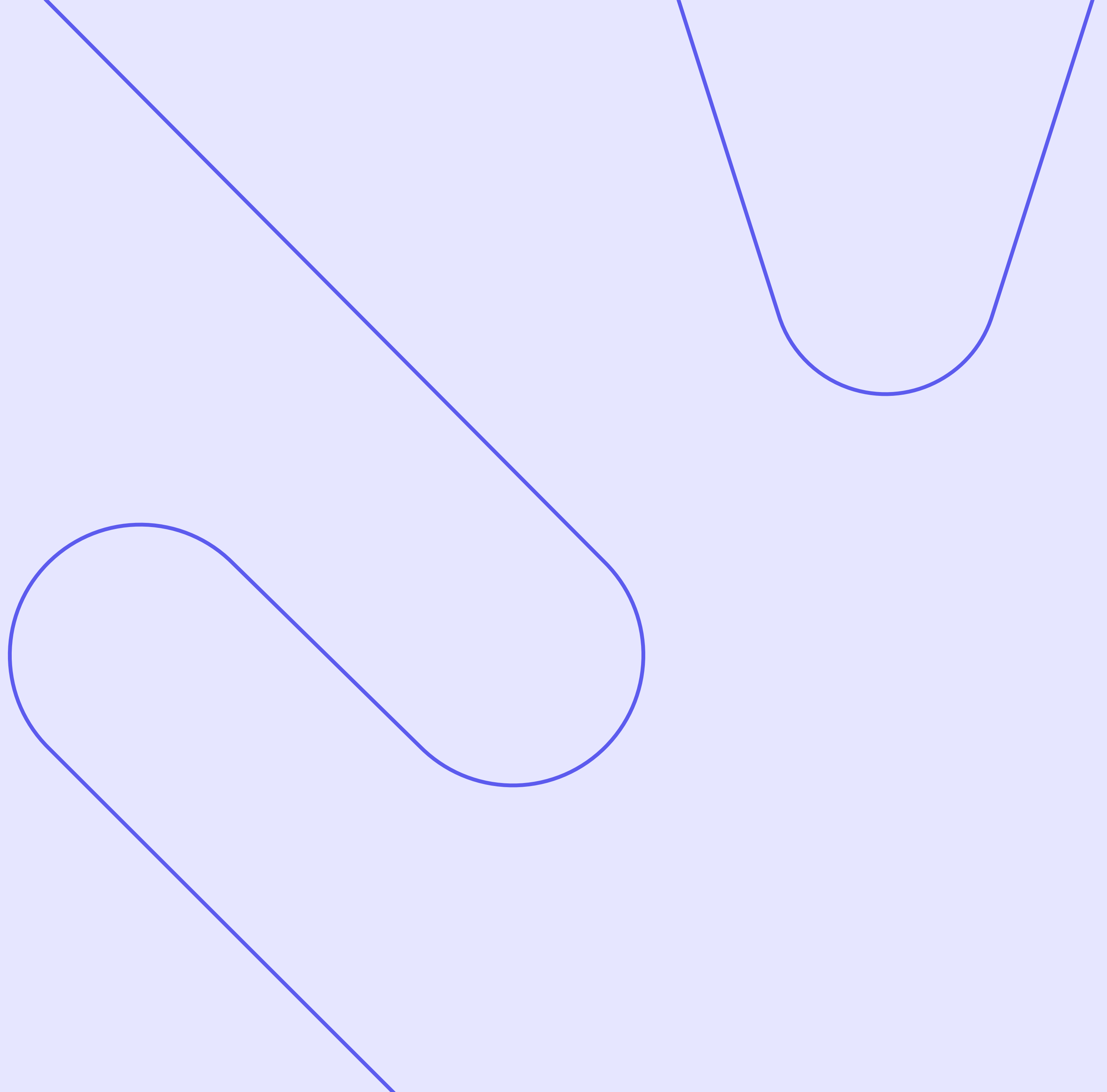
Handle major societal challenges, help us achieve the Sustainable Development Goals and contribute to the sustainable development of society

Contribute to the development of research and innovation policy and to new patterns of collaboration across national borders, sectors and fields

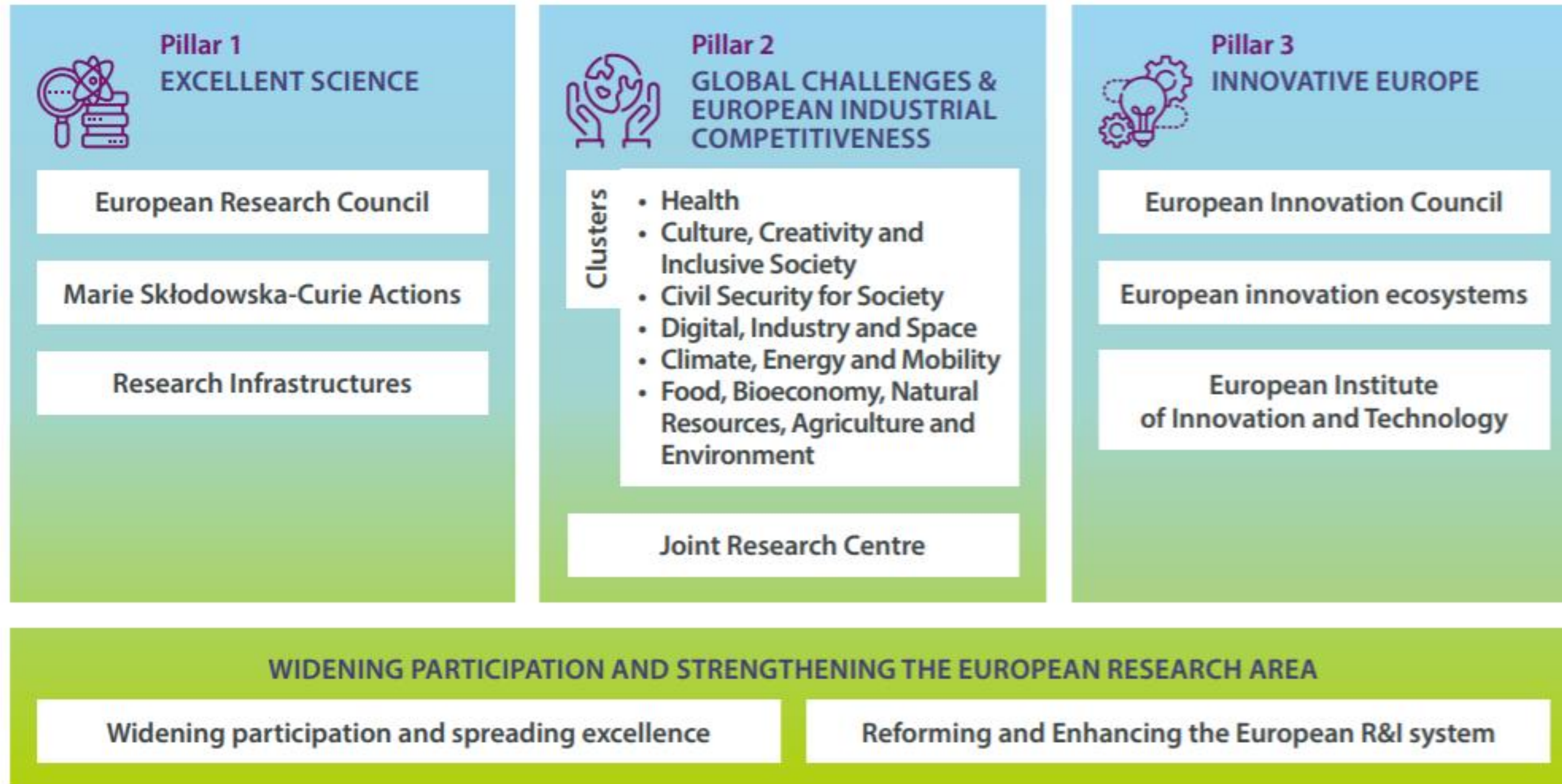




Upcoming calls and
who can assist
Norwegian applicants



Structure of Horizon Europe





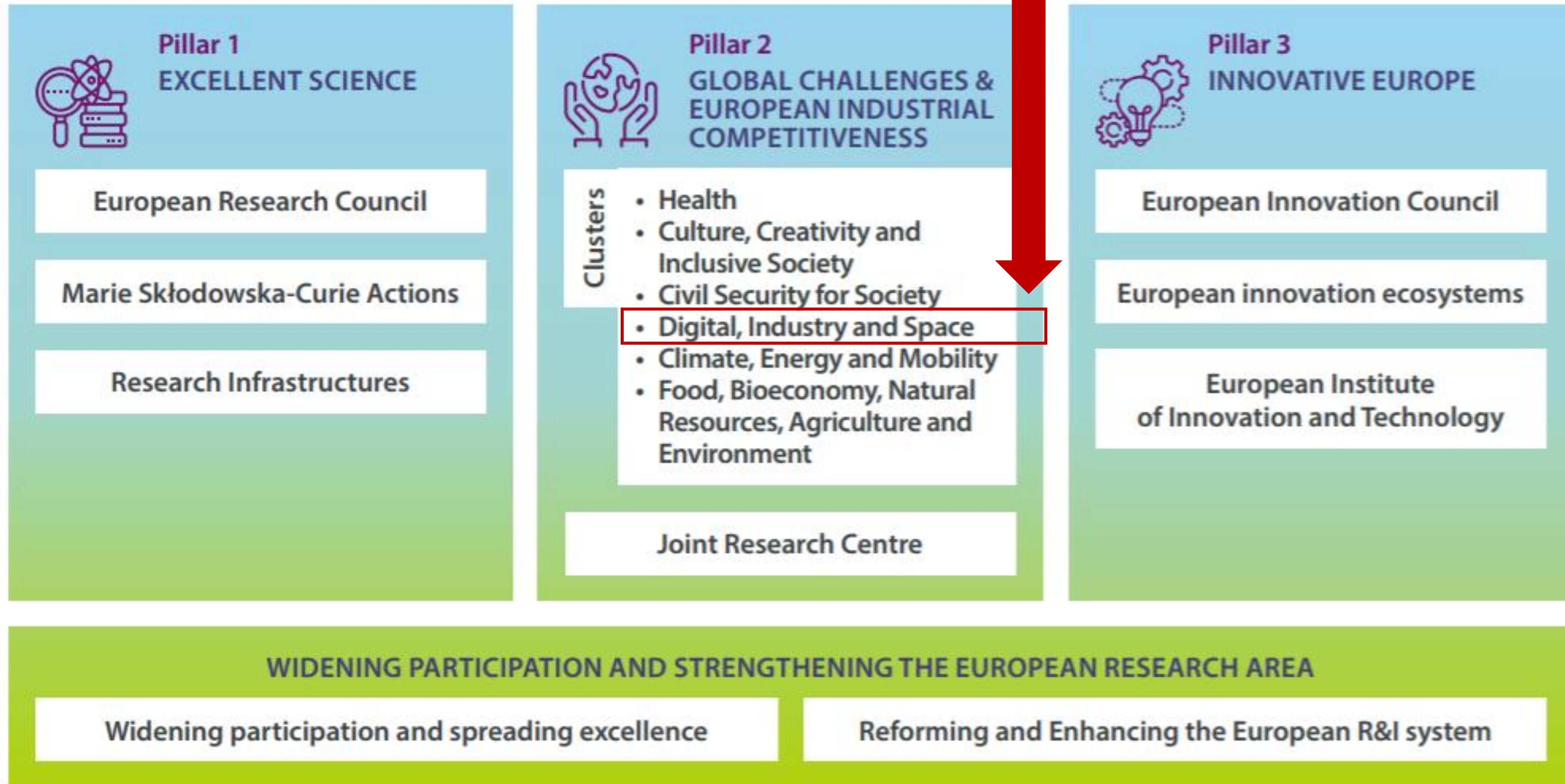
Opportunities for Japan & South Korea in Horizon Europe

- *10:15 Part 3: Upcoming calls and who can assist Norwegian applicants*
- ***Calls in the Horizon Europe 2023-24 work programme - relevant for cooperation with Korea and Japan***
- ***Cluster 4: Digital, Industry and Space***

Ivonne A. Herrera PhD
Research Council of Norway
NCP Lead Cluster 4 & National Expert Cluster 4
Digital, Industry and Space

Structure of Horizon Europe

Digital, Industry and Space
EUR 15.3 billion



Cluster 4 - Digital, Industry and Space programme



Foto: Clayton Cardinalli, Unsplash

Destination 1
Climate neutral, circular and digitised production



Foto: Lance Anderson, Unsplash

Destination 2
Increased autonomy in key strategic value chains for resilient industry



Photo: Shutterstock by vectorfusionart

Destination 3
World leading data and computing technologies



Photo: Bergen Technology Transfer

Destination 4
Digital and emerging technologies for competitiveness and fit for the green deal



©ESA

Destination 5
Open strategic autonomy in developing, deploying and using global space-based infrastructures, services, applications and data

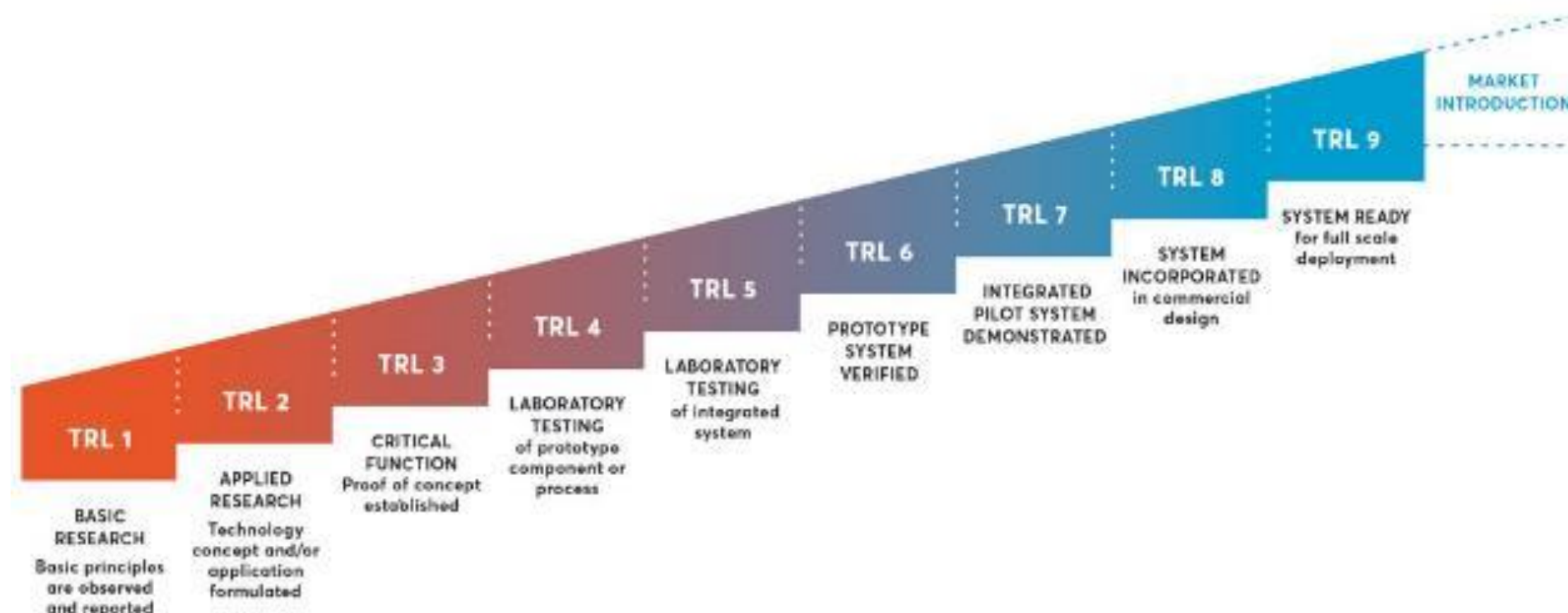


Bradley hook

Destination 6
A human-centred and ethical development of digital and industrial technologies

Cognitive Computing Continuum: Intelligence and automation for more efficient data processing

Topic	HORIZON-CL4-2023-DATA-01-04
Project type	Research and Innovation Action (RIA)
Expected EU contribution per project	Between €4M - €6M
# of projects to be funded:	6 (topic budget €28M)
Technology Readiness Level (TRL)	Start: 2 ; Finish: 5
Deadline	29 March 2023
International cooperation is encouraged	International cooperation is encouraged, especially with Japan and S. Korea.



Digital topics for international cooperation, Japan & Korea

CL4-2023-DATA-01-06: Coordination and Support of Cognitive Computing Continuum research and policy (CSA)

International cooperation is encouraged, especially with **Japan and South Korea**

CL4-2023-DIGITAL-EMERGING-01-11: Low TRL research in micro-electronics and integration technologies for industrial solutions (RIA)

International cooperation is encouraged, especially with leading semiconductor countries (e.g. **Japan, South Korea, Taiwan**)



Digital topics for international cooperation, Japan & Korea

CL4-2023-HUMAN-01-91: International Hub for Digital Partnerships in the Indo-Pacific (CSA)

- **Japan, the Republic of Korea**, and Singapore

CL4-2023-HUMAN-01-65: Support facility for digital standardisation and international cooperation in digital partnerships (CSA)

- The project beneficiaries should engage ...

from **Japan, South Korea**, Taiwan, Singapore, Canada, Australia, and the USA.



Networking events

Brokerage open for Cluster 4 - Digital Brokerage Event (organized by Ideal-ist): <https://digital2022.b2match.io/>

Feb 3rd 2023 – 09:30-13:00 Artificial Intelligence, Data and Robotics Info day and Brokerage Register now: <https://adr-association.eu/events-adr/>

Cluster 4 - Join our Open Café Online every forth friday of every month!

<https://www.forskningsradet.no/en/events/2022/open-cafe-online-he-cluster-4-digital-industry-and-space-january/>

Follow-up IDEAL-IST updates: <https://www.ideal-ist.eu/events>;
<https://www.linkedin.com/in/idealisticproject/>





Opportunities for Japan & South Korea in Horizon Europe

Cluster 5: Climate, Energy, Mobility

- *10:15 Part 3: Upcoming calls and who can assist Norwegian applicants*
- *Calls in the Horizon Europe 2023-24 work programme relevant for cooperation with Korea and Japan*

Henrik Staubo
Research Council of Norway
NCP & National Expert
Transportation and Maritime Sectors



Agenda

Horizon Europe

Cluster 5: Energy, Mobility, Climate

1. Work programme 2021-2022
2. Work programme 2023-2024
3. Recommendations



Horizon Europe 2021/2022

- Destination 6: Transport services/systems

- **International collaboration:**

- General third-party or international participation encouraged
- Explicitly mention Japan or South Korea

- **CCAM** partnership topics (10):

- “In order to achieve the expected outcomes, international cooperation is advised, in particular with projects or partners from the US, **Japan**, Canada, **South Korea**, Singapore, Australia.”

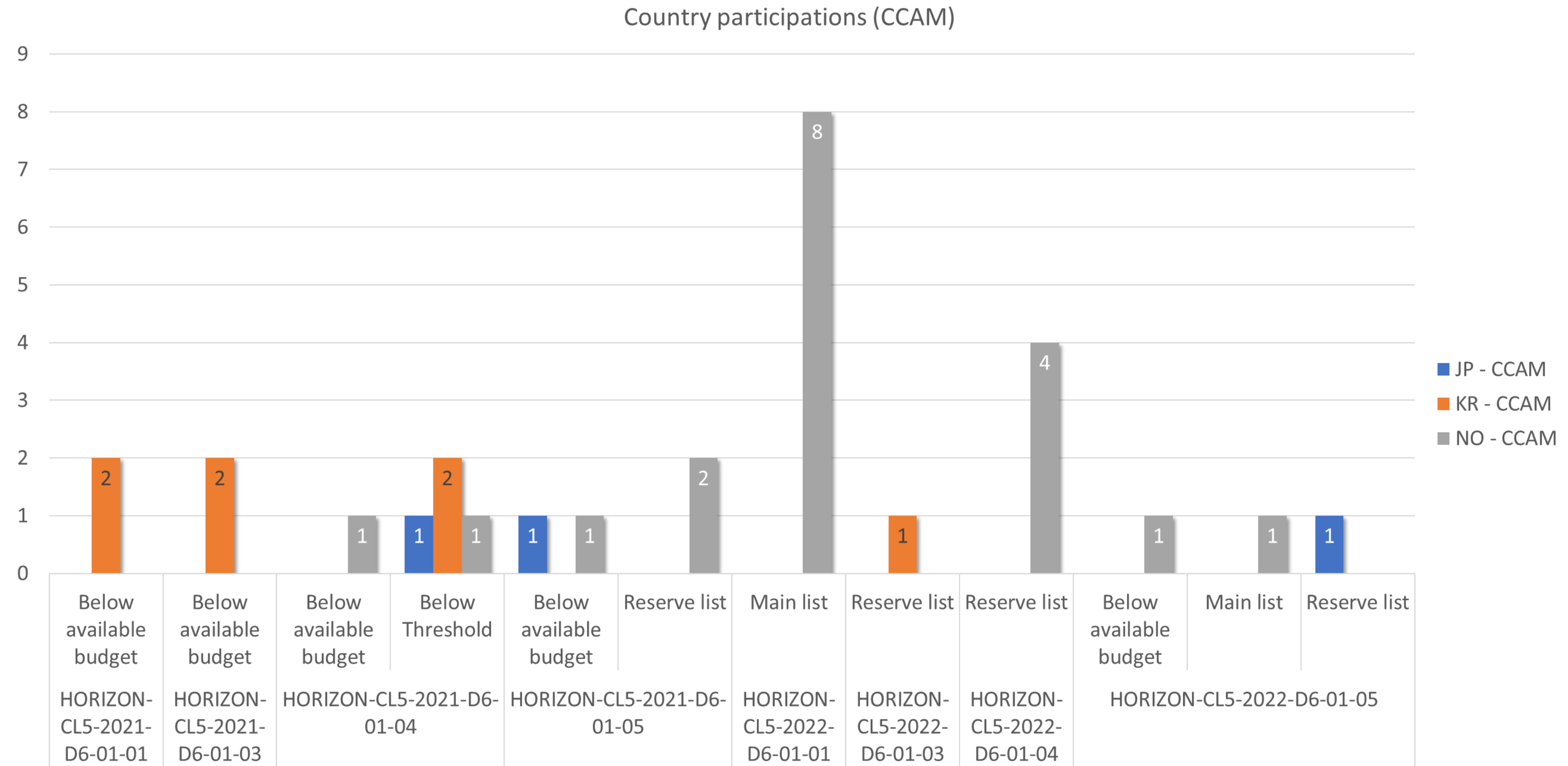




Horizon Europe 2021/2022

- Destination 6, CCAM

- High application **activity**.
- Japanese, South Korean and Norwegian participants **applying for the same topics**.
- Potential for increased **application success rate**





Horizon Europe 2023/2024

- Destination 2: Batteries
- Destination 6: Transport services/systems

- **Battery** partnership topic (1):

- **Deadline:** 5th September 2023
- “(..), international cooperation is encouraged, in particular with the USA, **Japan** and **South Korea**”.
- **Thematic Area:**
 - Battery Passport, Global Battery Alliance, supply chain traceability



- **CCAM** partnership topics (10):

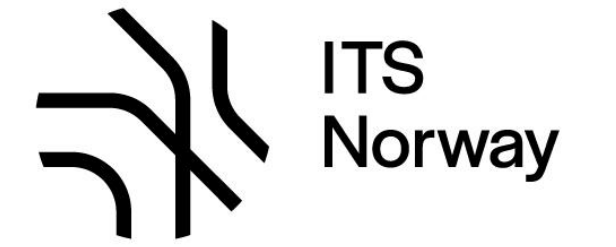
- **Deadline:** 5th September 2023 & 2024
- “(..), international cooperation is encouraged, in particular with **Japan** and the United States but also with other relevant strategic partners in **third countries**.”
- **Thematic Areas:**
 - User-centric vehicle experience, user diversity, social impacts & employment, HMI
 - Generate training scenarios for CCAM, mixed traffic orchestrations,
 - Infrastructure to extend ODD, in-vehicle upgradable architecture






Recommendations

- **Increase dialogue** between potential participants, through partner search and networks
- **Participate** in future, and analyse previous, **brokerage events**



Past events (11 results)



Cluster 5
CLIMATE, ENERGY & MOBILITY

REWATCH

Horizon Europe info days - Cluster 5

📅 15 December 2022
🕒 09:00 (GMT+01:00)

Climate Energy Mobility



Cluster 6
FOOD, BIOECONOMY, NATURAL RESOURCES, AGRICULTURE & ENVIRONMENT

REWATCH

Horizon Europe info days - Cluster 6

📅 13 December 2022
🕒 09:00 (GMT+01:00)

Agriculture Bioeconomy Ecosystems and Biodiversity Show more



WIDERA

REWATCH

Horizon Europe info day - WIDERA Work Programme 2023-2024

📅 12 December 2022
🕒 09:30 (GMT+01:00)

Research Innovation

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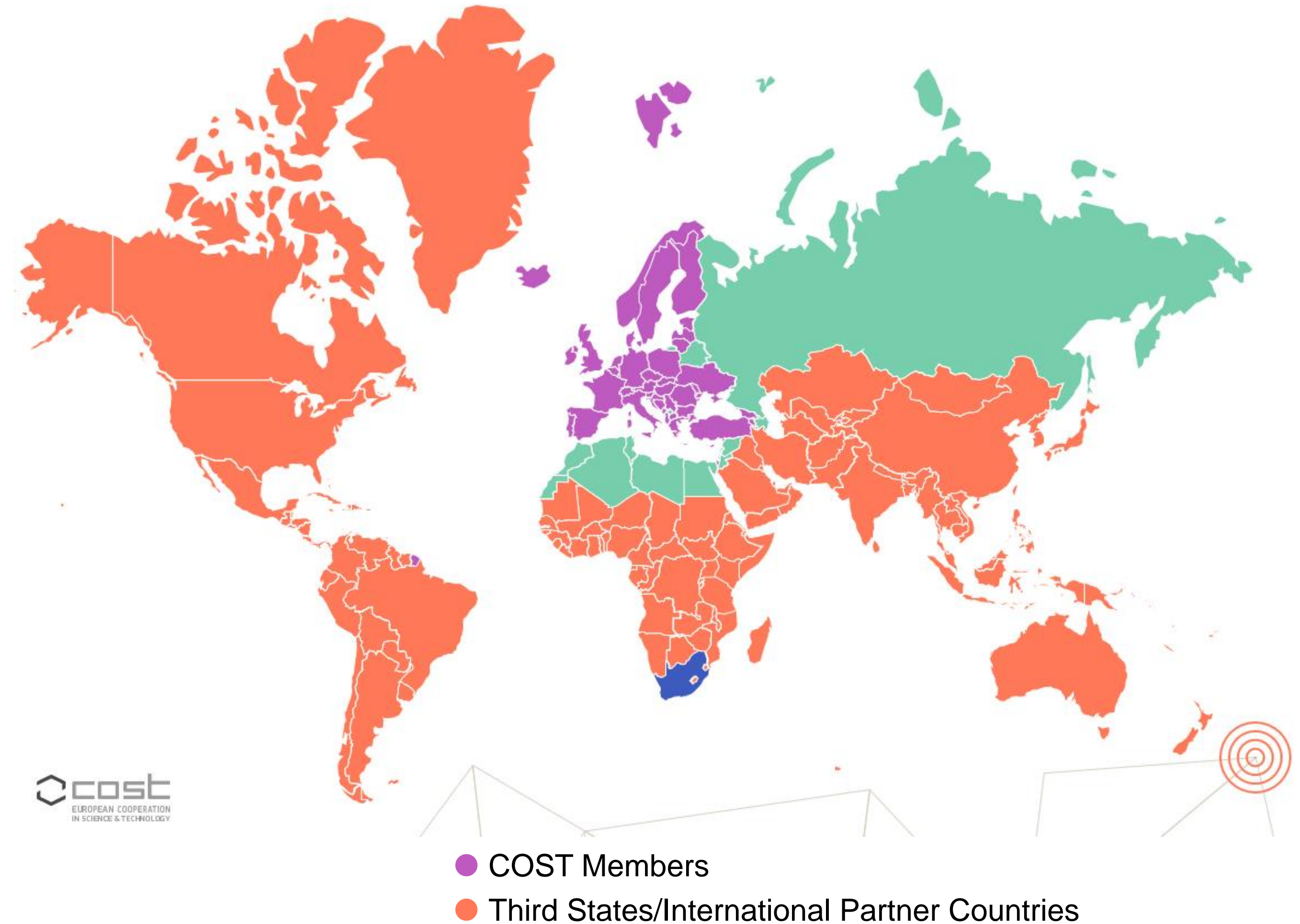




COST

- networking opportunities for researchers and innovators
- open for international cooperation
- participation possible in new applications as well as existing networks

- About 300 ongoing COST networks
- Norway: participates in about 90% of networks
- Japan: participates in about 50 networks
- South Korea: participates in about 7 networks

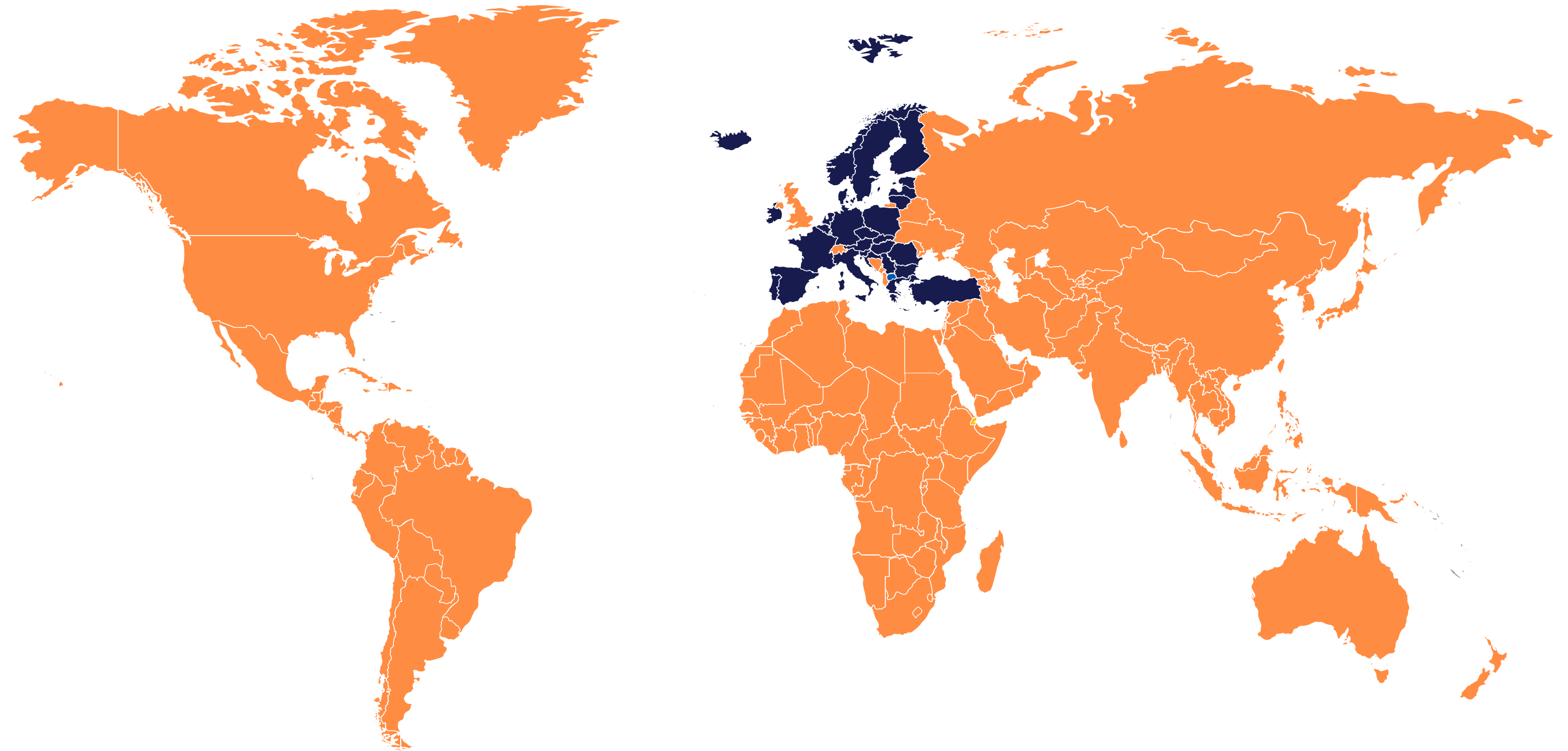


www.cost.eu

- Explore existing networks: Browse COST Actions - List of COST Actions past and ongoing
- Apply for a new COST action: Open Call: A Simple One-Step Application Process
- Next deadline 25th October
- Contact: Trude Dypvik tdy@rcn.no

Erasmus+

- Programme countries =>
Member States and associated third countries
- Partner countries =>
Non-associated third countries



International Credit Mobility for students and staff (call deadline 23.02.2023)

Erasmus Mundus for designing and implementing joint masters (call deadline 16.02.2023)

Jean Monnet for developing programmes and networks on European politics and history (call deadline 14.02.2023)



Who can help? Knowledge Team Norway

Tokyo

Marianne Støren Berg

Counsellor Science, Technology and Higher Education

Norwegian Embassy in Tokyo



Seoul

Christine Mee Lie

Counsellor for Higher Education, Research and Innovation

Norwegian Embassy in Seoul



Brussel

Karin Totland

Head of RCNs Brussels Office

NorCore, Rue du Trône



Oslo

NCPs and country contacts

<https://www.forskningsradet.no/en/horizon-europe/ncp-national-contacts/>

Japan

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Korea

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