

## EU-Korea International Cooperation in Research and Innovation

DG Research & Innovation Policy Officer – Victor Gram-Erichsen



@EUScienceInnov | #EU

**#EUResearchArea** | **#ResearchImpactEU** | **#HorizonEU** 



European Commission



International Cooperation in R&I DG RTD – Victor Gram-Erichsen

## **Policy Officer – DG RTD**

- ✓ Strategic overview
- ✓ Promoting R&I cooperation with Korea
- EU Delegation to Korea, EURAXESS, Korean
  Embassy and partners in Brussels





#### International Cooperation in R&I Global approach to Research and Innovation

#### WHAT IS THE AIM OF THE GLOBAL APPROACH TO RESEARCH AND INNOVATION (R&I)?

To preserve openness in research and innovation international cooperation while promoting a level playing field and reciprocity underpinned by fundamental values.

To strengthen multilateral partnerships to deliver new solutions to green, digital, health and innovation challenges.

#### **HOW WILL THIS BE ACHIEVED?**

Modulating bilateral cooperation in line with European interests and values and EU's open strategic autonomy.

Accelerating sustainable and inclusive development, and the transition to resilient, knowledge-based societies and economies in low and middle-income countries.

Using a *Team Europe* approach, with actions by the EU, its financial institutions and Member States.



\*COM(2021) 252



International Cooperation in R&I Global approach to Research and Innovation

# Guiding principles:

- Commitment to openness
- ✓ Values & Principles
- Pursuit of a level playing field and reciprocity
- Pool global efforts to tackle global challenges





International cooperation in Horizon Europe Main features

### **Association to Horizon Europe**

- Categories of third countries
  - a) EFTA members that are members of European Economic Area
  - b) Acceding, candidates and potential candidates
  - c) European Neighbourhood Policy countries
  - d) Third countries (i) with good STI capacity; (ii) with commitment to a rulesbased open market economy, including fair and equitable dealing with IPR, respect of human rights, backed by democratic institutions; (iii) that promote policies to improve the economic and social well-being of citizens

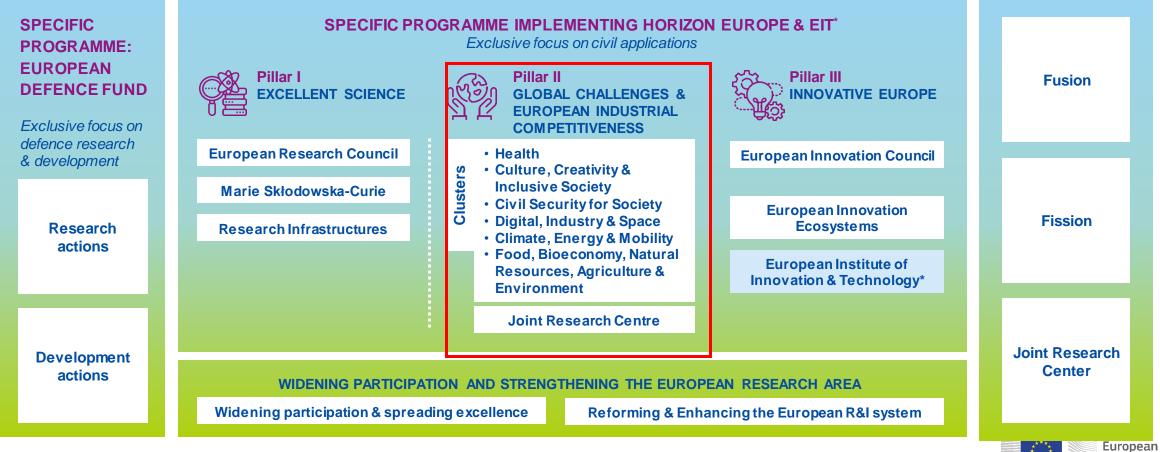




**HORIZON EUROPE** 

#### **EURATOM**

Commission



\* The European Institute of Innovation & Technology (EIT) is not part of the Specific Programme



## International cooperation in Horizon Europe Work Programme 2023-24

	Topics total	Topics (ex Other Actions)	International cooperation encouraged	%
Cluster 1: Health	53	44	7	16%
Cluster 2: Culture, creativity and inclusive society	66	56	15	27%
Cluster 3: Civil Security for Society	44	42	9	21%
Cluster 4: Digital Industry and Space	159	130	22	17%
Cluster 5: Climate, Energy and Mobility	219	191	38	20%
Cluster 6: Food, Bioeconomy, Natural resources, agriculture, and environment	189	179	51	28%
	730	642	141	22%



#### **Republic of Korea - Research and Innovation leader**

Fulfills requirements:

(i) with good STI capacity;

 (ii) with commitment to a rules-based open market economy, including fair and equitable dealing with IPR, respect of human rights, backed by democratic institutions;

 (iii) that promote policies to improve the economic and social well-being of citizens





#### **Continued Horizon Europe participation a priority**

As association negotiations are ongoing, continued cooperation is key. Priority areas for EU-Korea cooperation include:

- Green technologies and clean energy
- Health and bioresources
- Digital area





#### **Targeted international cooperation actions**

- Flagging of call topics specifically relevant for international cooperation in the work programmes, e.g. in
  - Strategic thematic areas (topics)
  - Geographical areas (countries/region's)
  - Multilateral initiatives (e.g. Mission Innovation)
- WP 23-24: 22% INCO flagged topics ; see F&T <u>Portal</u> filter for international cooperation





#### Targeted international cooperation areas with Korea

#### **EU-Korea Digital Partnership:**

- Signed on 28 November 2022
- Identified priority areas:
  - High performance and quantum computing; Next generation mobile networks (6G); Digital Standardisation; Semiconductors; Cybersecurity; AI; Platforms; Data and Skills.





