



# **ESA Polar Science Cluster Collocation Meeting, 15-17 September 21**

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## EU science-diplomacy leadership

The EU supports **international scientific cooperation** to:



develop an international  
**Arctic Observing System**



improve local-level climate  
**predictions and  
projections**



make Arctic research and  
monitoring **datasets**  
accessible and relevant  
for communities







#HorizonEU



# HORIZON EUROPE

## THE EU RESEARCH & INNOVATION PROGRAMME 2021 – 27



This presentation is based on the political agreement of 11 December 2020 on the Horizon Europe. Information on some parts is pending revision.

19 March 2021

Research  
and  
Innovation

# Our Vision

The EU's key funding programme for research and innovation:

- Tackles climate change
- Helps to achieve the UN's Sustainable Development Goals
- Boosts the EU's competitiveness and growth
- Facilitates collaboration and strengthens the impact of research and innovation in developing, supporting and implementing EU policies while tackling global challenges
- Supports the creation and better diffusion of excellent knowledge and technologies
- Creates jobs, fully engages the EU's talent pool, boosts economic growth, promotes industrial competitiveness and optimises investment impact within a strengthened European Research Area.

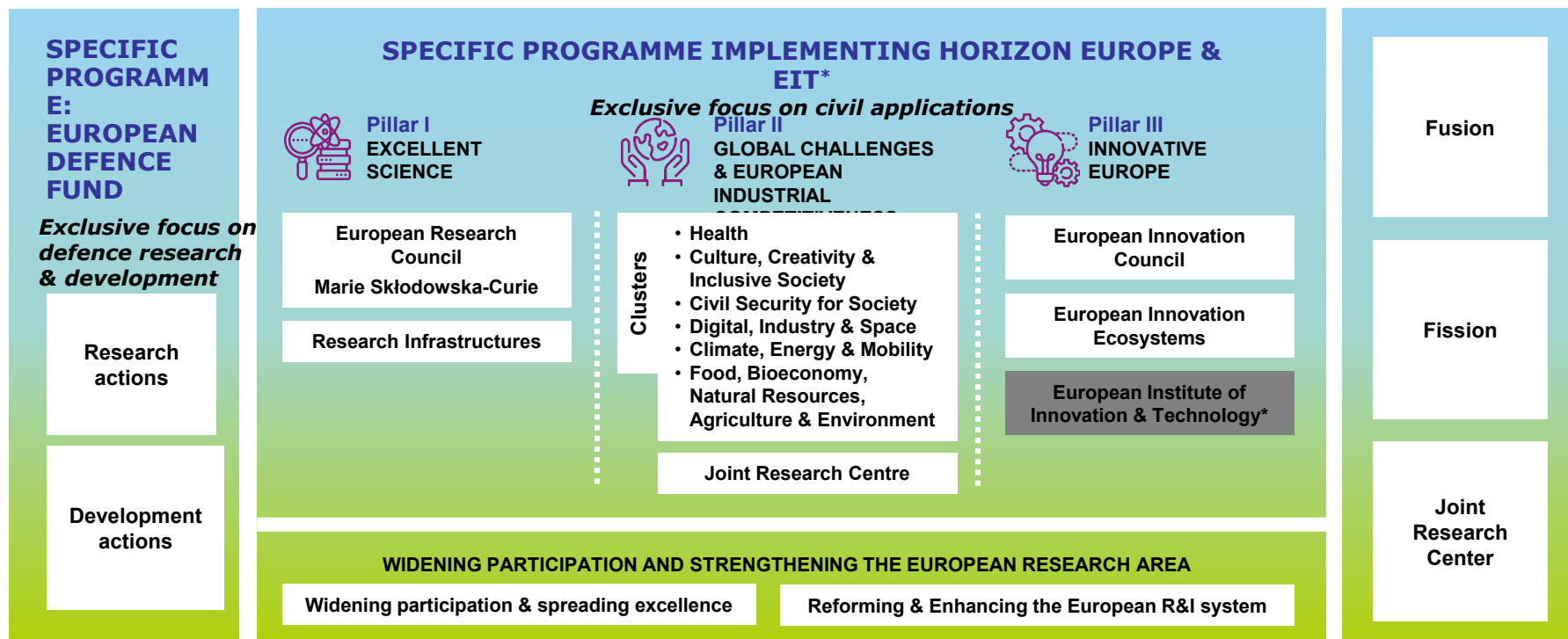


Credits: <https://www.un.org/sustainabledevelopment/sustainable-development-goals/>



# HORIZON EUROPE €95.5 BILLION (2021-2027)

## EURATOM



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

## Lessons Learned

from Horizon 2020 Interim Evaluation



**Support breakthrough innovation**



**European Innovation Council**



**Create more impact through mission-orientation and citizens' involvement**



**EU Missions**



**Rationalise partnerships' landscape**



**New approach to partnerships**



**Reinforce openness**



**Open science policy**



**Strengthen international cooperation**



**Extended association possibilities**



**Encourage participation**



**Spreading Excellence**

## Pillar II

# Budget for clusters & for JRC

*in current prices*

<b>Cluster 1</b>	<b><u>Health</u></b>	<b>€8.246 billion</b> (including €1.35 billion from NGEU)
<b>Cluster 2</b>	<b>Culture, Creativity &amp; Inclusive Societies</b>	<b>€2.280 billion</b>
<b>Cluster 3</b>	<b>Civil Security for Society</b>	<b>€1.596 billion</b>
<b>Cluster 4</b>	<b>Digital, Industry &amp; Space</b>	<b>€15.349 billion</b> (including €1.35 billion from NGEU)
<b>Cluster 5</b>	<b>Climate, Energy &amp; Mobility</b>	<b>€15.123 billion</b> (including €1.35 billion from NGEU)
<b>Cluster 6</b>	<b><u>Food, Bioeconomy, Natural Resources, Agriculture &amp; Environment</u></b>	<b>€8.952 billion</b>
	<b>JRC (non-nuclear direct actions)</b>	<b>€1.970 billion</b>

Clusters are including a budget for Partnerships and Missions  
NGEU is Next Generation EU programme – Recovery Fund



# **HORIZON-CL6-2021-CLIMATE-01-03: Key oceanic and polar processes driving regional & global climate change**

<https://drive.google.com/file/d/1ZUsScR4krpdo0edvxXd3OsedFj8PKHRP/view>

