



HORIZON EUROPE

THE EU RESEARCH & INNOVATION PROGRAMME

2021 – 2027

MINNA WILKKI

Horizon Europe Launch Event, Hungary
29 March 2021



WHY – WHAT - HOW

EU missions



What are missions?

R&I missions should:

- Be **bold and inspirational**, with wide societal relevance
- Indicate a **clear direction**: targeted, measurable and time-bound
- Be **ambitious but realistic** research and innovation actions
- Spark innovation **across disciplines, sectors and actors**
- Be based on a **bottom-up** approach of multiple solutions



<https://europa.eu/!kw43Uc>

5 mission areas

Adaptation to climate change, including societal transformation

Healthy oceans, seas, coastal and inland waters



Cancer

Climate-neutral and smart cities

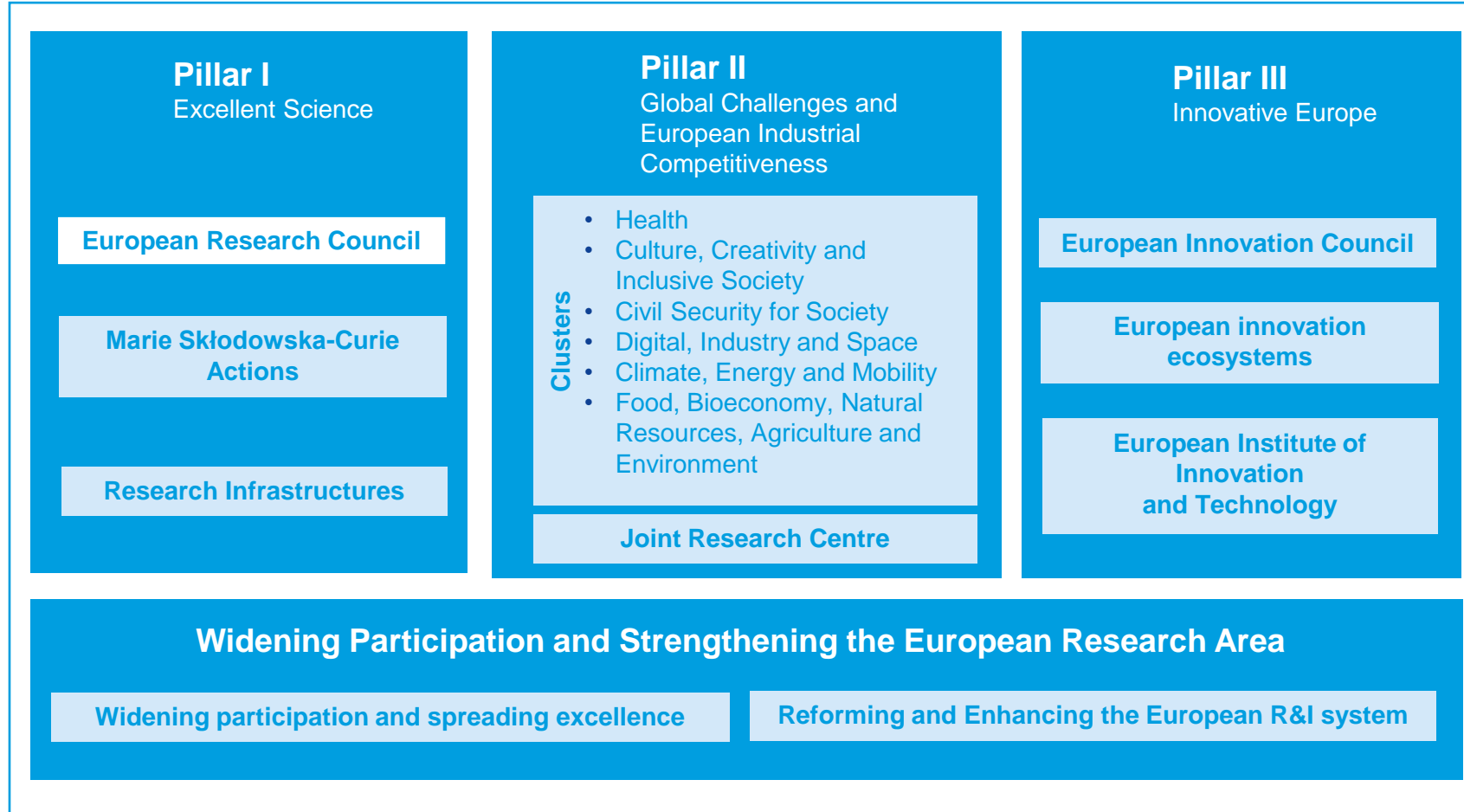


Soil health and food

Timeline

- Sep-19 – Sep -20: Missions co-design with citizen engagement
- Q3/4 2020:
 - Mission Boards proposals handover
 - Final reports of the Mission Boards
 - Missions preparatory phase begins (max 12 months)
- Q2 2021:
 - Adoption of the Strategic Plan, including missions
 - Horizon Europe Work Programme adoption and first mission calls
 - Mission implementation plans
- Q3-Q4 2021:
 - After political validation missions enter full implementation phase
 - WP amendment
 - Commission Communication on missions
 - Co-implementation with citizens

Missions implementation



Missions shall be programmed within the **Pillar II**, 'Global Challenges and European Industrial Competitiveness', but may also benefit from actions carried out within other parts of the Programme as well as complementary actions carried out under other Union funding programmes.

Close cooperation with MS/AC

Close coordination with EP

European Partnerships

A new approach to EU cooperation





New approach to European Partnerships

New generation of objective-driven and more ambitious partnerships in support of agreed EU policy objectives

Key Features

- **Strategic orientation**
- **Simple architecture and toolbox**
- **Common set of criteria for the life-cycle (Horizon Europe regulation Article 8 and Annex III)**

CO-PROGRAMMED

Based on Memoranda of Understanding/contractual arrangements; implemented independently by the partners and by Horizon Europe

CO-FUNDED

Based on a joint programme agreed and implemented by partners; commitment of partners for financial and in-kind contributions

INSTITUTIONALISED

Based on long-term dimension and need for high integration; partnerships based on Art 185/187 of TFEU and the EIT legal acts for 2021-2027

Overview of 49 candidate European Partnerships

PILLAR II - Global challenges & European industrial competitiveness

PILLAR III - Innovative Europe

CLUSTER 1: Health	CLUSTER 4: Digital, Industry & Space	CLUSTER 5: Climate, Energy & Mobility	CLUSTER 6: Food, Bioeconomy, Agriculture, ...	EIT	SUPPORT TO INNOVATION ECOSYSTEMS
Innovative Health Initiative	Key Digital Technologies	Clean Hydrogen	Circular Bio-based Europe	InnoEnergy	Innovative SMEs
Global Health Partnership	Smart Networks & Services	Clean Aviation	Rescuing Biodiversity to Safeguard Life on Earth	Climate	
Transformation of health systems	High Performance Computing	Single European Sky ATM Research 3	Climate Neutral, Sustainable & Productive Blue Economy	Digital	
Chemicals risk assessment	European Metrology (Art. 185)	Europe's Rail	Water4All	Food	
ERA for Health	AI-Data-Robotics	Connected and Automated Mobility (CCAM)	Animal Health & Welfare*	Health	
Rare diseases*	Photonics	Batteries	Accelerating Farming Systems Transitions*	Raw Materials	
One-Health Anti Microbial Resistance*	Made in Europe	Zero-emission waterborne transport	Agriculture of Data*	Manufacturing	
Personalised Medicine*	Clean steel – low-carbon steelmaking	Zero-emission road transport	Safe & Sustainable Food System*	Urban Mobility	
Pandemic Preparedness* <i>Co-funded or co-programmed</i>	Processes4Planet	Built4People		Cultural and Creative Industries	
	Global competitive space systems**	Clean Energy Transition			
		Driving Urban Transitions			

CROSS-PILLARS II AND III

European Open Science Cloud

- Institutionalised Partnerships (Art 185/7)
- Institutionalised partnerships / EIT KICs
- Co-Programmed
- Co-Funded

* Calls with opening dates in 2023-24
 ** Calls with opening dates not before 2022



Timeline

Tentative timeline:

- Around the publication of Horizon Europe work programmes (May/June 2021): launch of the **co-programmed** European Partnerships with the signing of the MoUs
- Q1 2021: Adoption of Commission proposals for Metrology (**Article 185** TFEU) and the Single Basic Act for nine joint undertakings (**Article 187**), followed by negotiations
- Q4 2021/ Q1 2022: Launch of the first **co-funded** partnerships with the signature of first Grant Agreements with a consortium of national research funders (submission plus 8 months).

NB! Call topics related to the co-programmed and co-funded partnerships will be included in the Horizon Europe Work Programme 2021-22.

Useful sources of information

1. [European partnerships webpage](#) on europa.eu:

- ✓ Partnership proposals
- ✓ Report on coherence and synergies
- ✓ Infographics

2. www.era-learn.eu

- ✓ Detailed information on the financial management of European partnerships, guidelines on SRIA development, etc.
- ✓ Workshops

#HORIZONEU

Thank you!

