

Horizon Europe

THE NEXT EU RESEARCH & INNOVATION
INVESTMENT PROGRAMME (2021 – 2027)

#HorizonEU

Based on the Commission Proposal for Horizon Europe, the common understanding between co-legislators and the Partial General Approach, both approved in April 2019



« **A Union that strives for more** »
Ursula von der Leyen

A European Green Deal

An economy that works for people

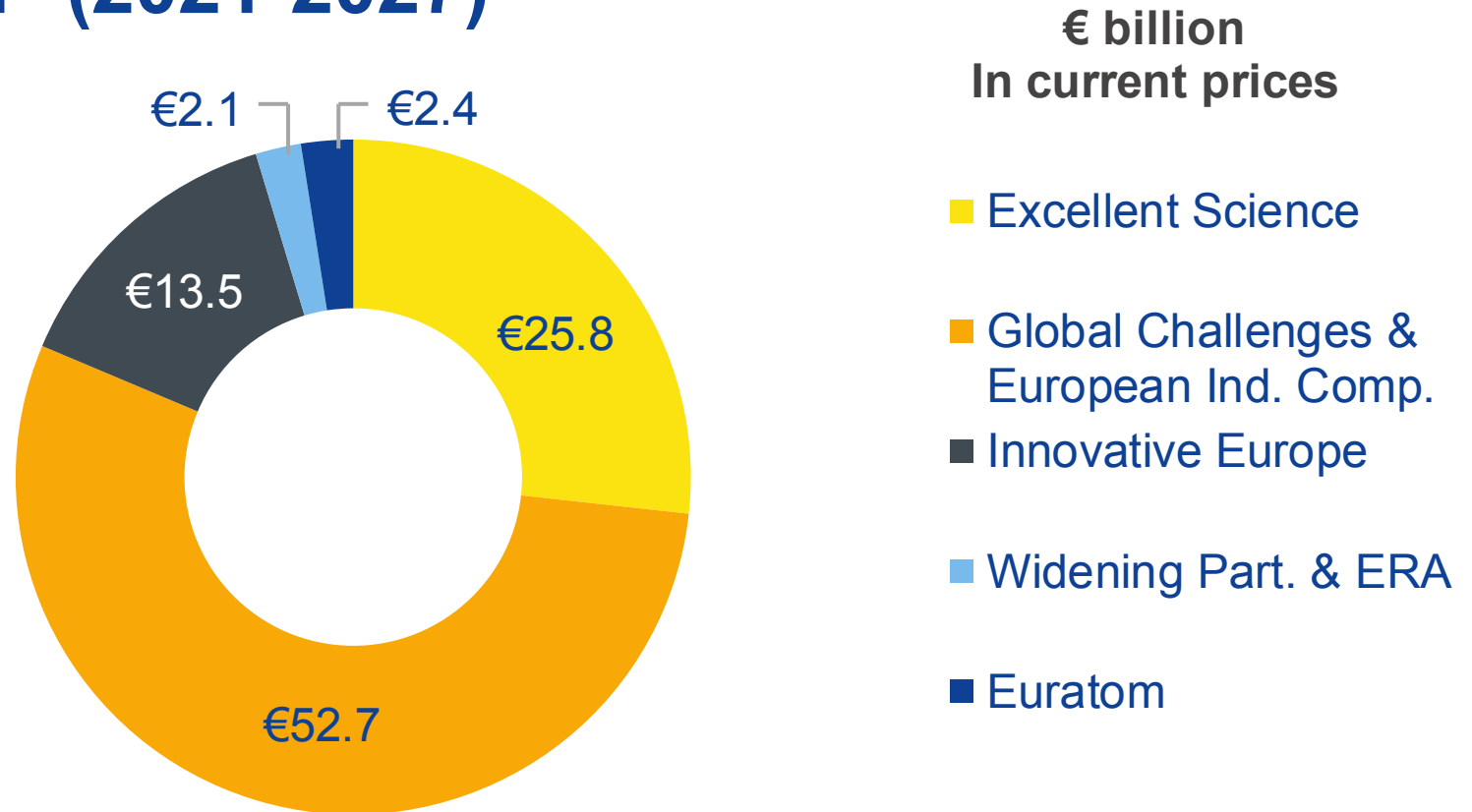
A Europe fit for the digital age

Protecting our European way of life

A stronger Europe in the world

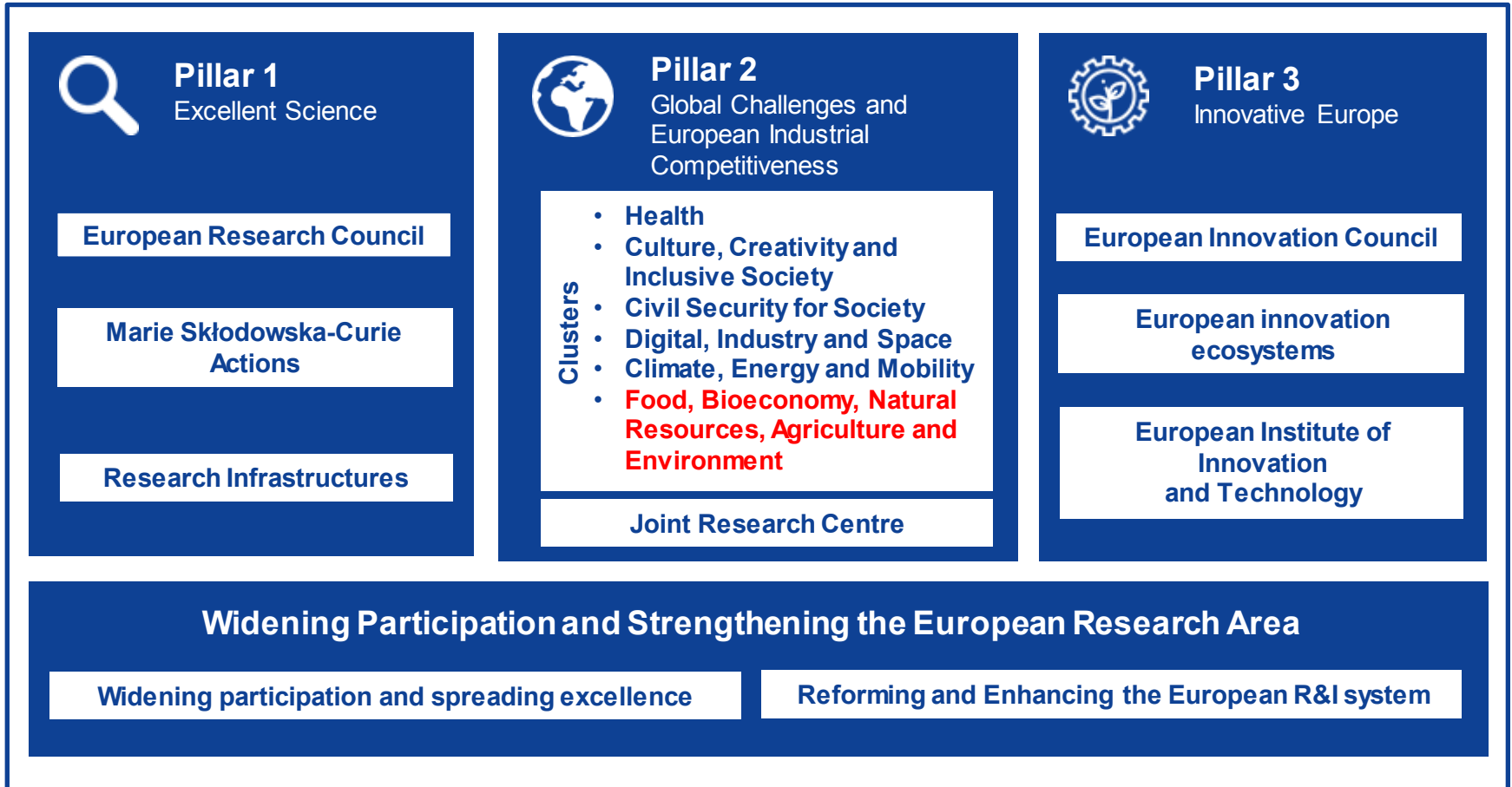
A new push for European democracy

Commission proposal for budget: €100 billion* (2021-2027)



* This envelope includes EUR 3.5 billion allocated under the InvestEU Fund.

Horizon Europe: Preliminary structure



Cluster 6 Food and in 'Global Challenges and Industrial Competitiveness'

Cluster 6

Areas of intervention

**Food,
bioeconomy,
natural resources,
agriculture and
environment**

- Environmental observation
- Agriculture, forestry and rural areas
- Circular systems
- Food systems
- Biodiversity and natural resources
- Seas, oceans and inland waters
- Bio-based innovation systems in the EU Bioeconomy

Cluster 6 Food and in 'Global Challenges and Industrial Competitiveness'

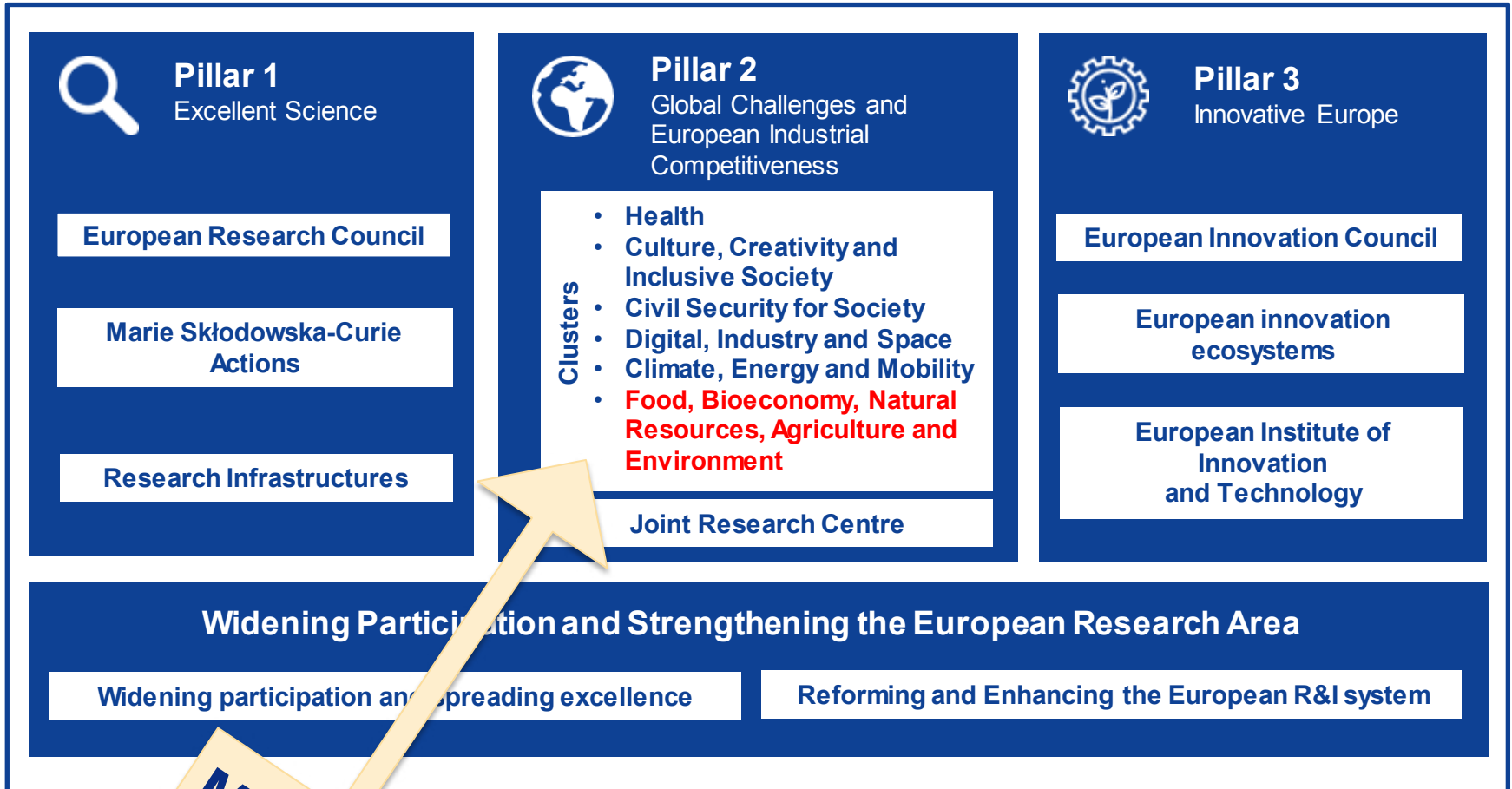
Area of Intervention

Seas, oceans and inland waters

Broad lines

- Sustainable sea and ocean farming for food
- Strengthened resilience of marine ecosystems
- Ocean governance (global and regional)
- Technologies for the digital ocean, Blue cloud, Monitoring and predictive capacities
- Blue value chains and nature –based solutions
- Understanding the role of oceans for climate change mitigation and adaptation

Horizon Europe: Preliminary structure



Missions

R&I Missions

A mission is a **portfolio of actions** across disciplines intended **to achieve a bold and inspirational and measurable goal within a set timeframe**, with **impact for society** and **policy making**.

Missions will be **co-designed with Member States, stakeholders and citizens** and programmed within the Global Challenges and Industrial Competitiveness pillar

Mission areas: cancer, climate change, healthy oceans, climate-neutral cities and healthy soil and food.

Mission Board : Each mission board consists of 15 experts, including the chair. They will identify the first possible specific missions on the five areas by the **end of 2019** with the support of a **mission assembly**.



Update during the R&I Days on the first board meetings

Adaptation to climate change, including societal transformation



Healthy oceans, seas, coastal and inland waters



5 Mission areas



Cancer

Climate-neutral and smart cities



Soil health and food





New approach to European Partnerships

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

Key features

- **Simple architecture and toolbox**
- **Coherent life-cycle approach**
- **Strategic orientation**

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 by partners; commitment of partners for financial and in-kind contributions & financial contribution by Horizon Europe

Institutionalised

Based on long-term dimension and need for high integration; partnerships based on Articles 185 / 187 of TFEU and the EIT-Regulation supported by Horizon Europe

Food, Bioeconomy, Natural Resources, Agriculture and Environment

Rationalisation and reform:

Overall number reduced from 24 to 8, of which

- 2 are reformed continuations;
- 5 build on existing actions or merge existing partnerships;
- 1 completely new partnership topics;
- Discontinuation: possibly some partnerships with Member States.

CF: Co-funded

CP: Co-programmed

Current candidates	Type
▪ Accelerating farming systems transition: agro-ecology living labs and research infrastructures	CF
▪ Animal health: Fighting infectious diseases	CP, CF
▪ Environmental Observations for a sustainable EU agriculture	CF
▪ Rescuing biodiversity to safeguard life on Earth	CF
▪ A climate neutral, sustainable and productive Blue Economy	CP, CF
▪ Safe and Sustainable Food System for People, Planet & Climate	CP, CF
▪ Circular bio-based Europe: sustainable innovation for new local value from waste and biomass	A187, CP
▪ Water4All: Water security for the planet	CP, CF
In addition: EIT Food	KIC

Strategic planning to define multiannual work programmes and calls for proposals

- Transparency and stakeholder involvement
- Prioritisation and flexibility to align to political priorities
- Internal programme coherence & synergies with other programmes

Multiannual Strategic R&I Plan

- * Multiannual orientations and priorities in one document
- * Areas for partnerships and missions

Strategic discussions with Member States and European Parliament

Consultation with stakeholders

Work Programmes

Strategic plan gives direction to the work programme



Main Features

Early involvement and extensive exchanges with Member States

Extensive exchanges with the European Parliament

Consultations with stakeholders and public at large

Public consultation to prepare a 'Strategic Plan' for Horizon Europe, which will then guide the work programmes and calls for proposals for Horizon Europe's first four years (2021-2024). **Close: 4 October New date!!!**

Update during the R&I Days

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Horizon Europe dedicated website

<http://ec.europa.eu/horizon-europe>

European Innovation Council

<http://ec.europa.eu/research/eic>

EU budget for the future

http://ec.europa.eu/budget/mff/index_en.cfm



Thank you very much!

#HorizonEU

<http://ec.europa.eu/horizon-europe>