

Research & Innovation for food and nutrition *- policy update -*



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CONTENT

1. Horizon Europe proposal

2. EC Bioeconomy Strategy

Commission proposal for
Horizon Europe

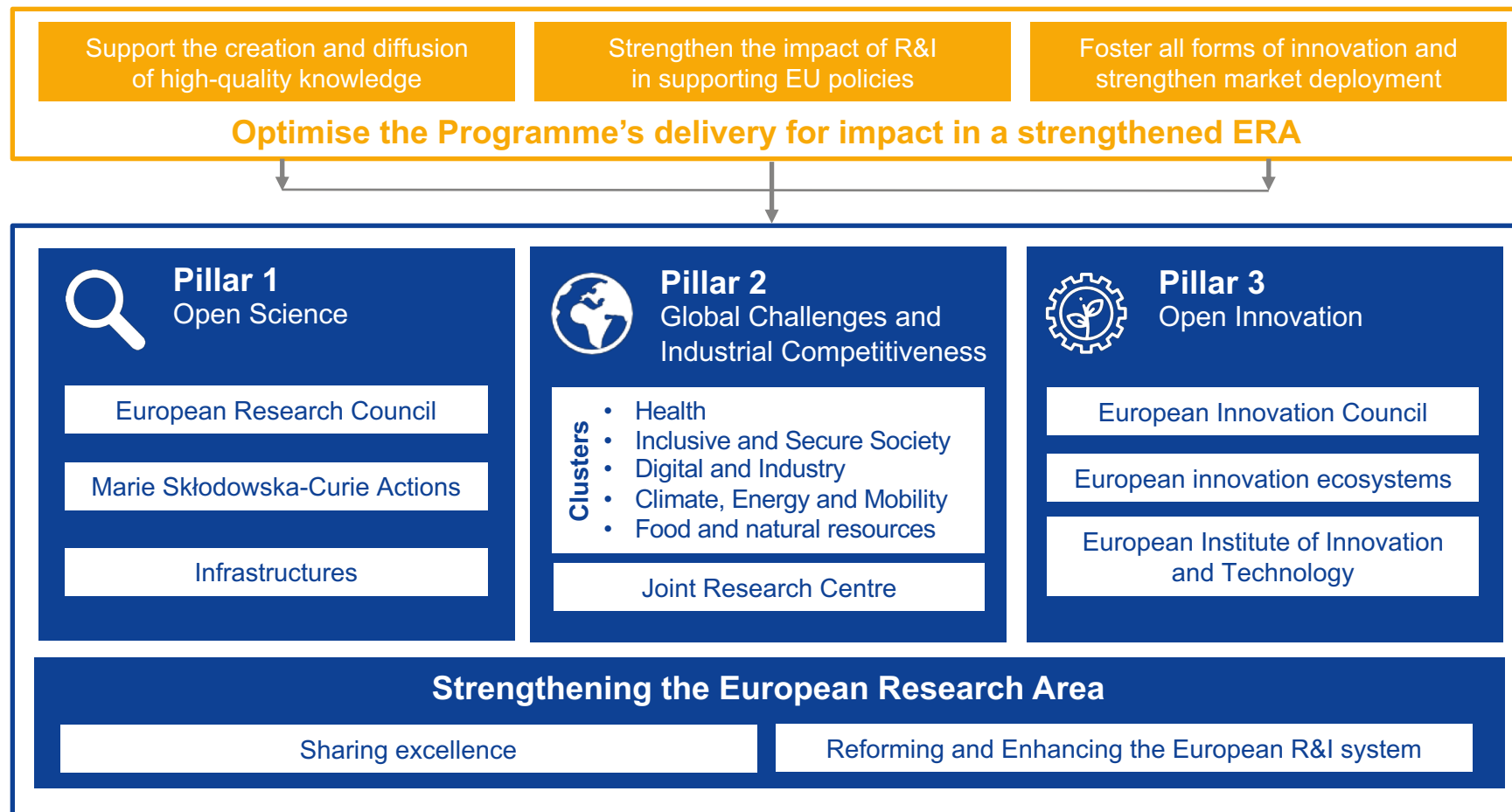
THE NEXT EU RESEARCH & INNOVATION
PROGRAMME (2021 – 2027)

#HorizonEU



Horizon Europe evolution not revolution!

Specific objectives of the Programme

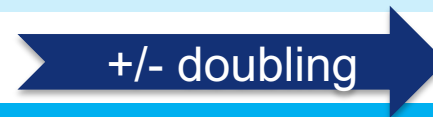


Pillar 2

Global Challenges & Industrial Competitiveness:

boosting key technologies and solutions underpinning
EU policies & Sustainable Development Goals

Clusters implemented through usual calls, missions & partnerships	Budget (€ billion)
Health	€ 7.7
Inclusive and Secure Societies	€ 2.8
Digital and Industry	€ 15
Climate, Energy and Mobility	€ 15
Food and Natural Resources	€ 10
Joint Research Centre supports European policies with independent scientific evidence & technical support throughout the policy cycle	



Lessons Learned

from Horizon 2020 Interim Evaluation



Support breakthrough innovation



Create more impact through mission-orientation and citizens' involvement



Strengthen international cooperation based on reciprocity



Reinforce openness whilst safeguarding EU interests



Rationalise the funding landscape



Key Novelties

in Horizon Europe

European Innovation Council

R&I Missions

Extended association and international cooperation possibilities

Open science policy

New approach to Partnerships



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Synergies with other Union programmes

Horizon Europe



Other Union Programmes, including

Common Agricultural Policy
ERDF
External Instrument
Maritime & Fisheries Fund
InvestEU
LIFE
Connecting Europe Facility
ESF+
Digital Europe
Space Programme
Erasmus
Innovation Fund
Internal Security Fund
Single Market Programme

Enhanced synergies

Compatibility

Harmonisation of funding rules;
flexible co-funding schemes;
pooling resources at EU level

Coherence and complementarity

Alignment of strategic priorities in
support of a common vision

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

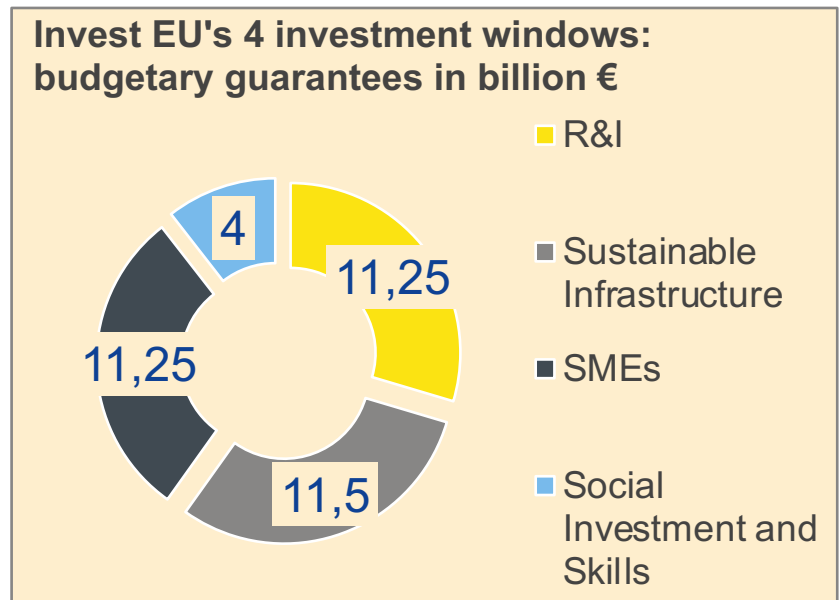
InvestEU for Research and Innovation (R&I)

Stimulates more investment in research and innovation, notably by the private sector; leverages and complements national/regional initiatives

No market distortion: intervention only to address financing gaps in the R&I delivery chain (notably due to high risk)

Support through:

- **InvestEU Fund**
- **InvestEU Assistance**
- **InvestEU Portal**



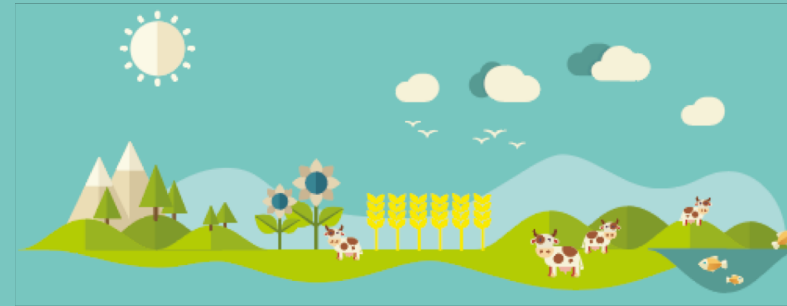
➔ leverages an estimated **€ 200 bn** of investments into R&I; **market-based finance** for the exploitation and scale-up of European R&I

Bioeconomy Strategy



What is the EU's understanding of the Bioeconomy.....

All sectors & systems that use / produce / process,/ are driven by biological resources



- ☐ Ecosystems on land and sea
- ☐ Primary production systems - agriculture, forestry, aquaculture / fisheries – incl. waste/side streams
- ☐ Food, feed, fibres, bio-based industry, fuels and bio-energy



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Updated strategy + Action Plan

14 Actions in 3 areas

1 STRENGTHEN AND SCALE-UP THE BIO-BASED SECTORS,
UNLOCK INVESTMENTS AND MARKETS

2 DEPLOY LOCAL BIOECONOMIES RAPIDLY ACROSS EUROPE

3 UNDERSTAND THE ECOLOGICAL BOUNDARIES OF THE BIOECONOMY



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2

DEPLOY LOCAL BIOECONOMIES RAPIDLY ACROSS EUROPE



Launch a Strategic Deployment Agenda for sustainable food and farming systems, forestry and bio-based products



Launch pilot actions for the development of bioeconomies in rural, coastal and urban areas



Support regions and Member States to develop Bioeconomy Strategies



Promote education, training and skills across the bioeconomy



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Thank you!

#FOOD2030EU
#HorizonEU
#Bioeconomy

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