



EU Fisheries and Aquaculture Research and Innovation

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Who are we?

The **Healthy Seas and Oceans** Unit within the **Healthy Planet Directorate** (C)

Define and implement fisheries and aquaculture research and innovation objectives and priorities to support the CFP, the IMP and in particular the Blue Growth Agenda.

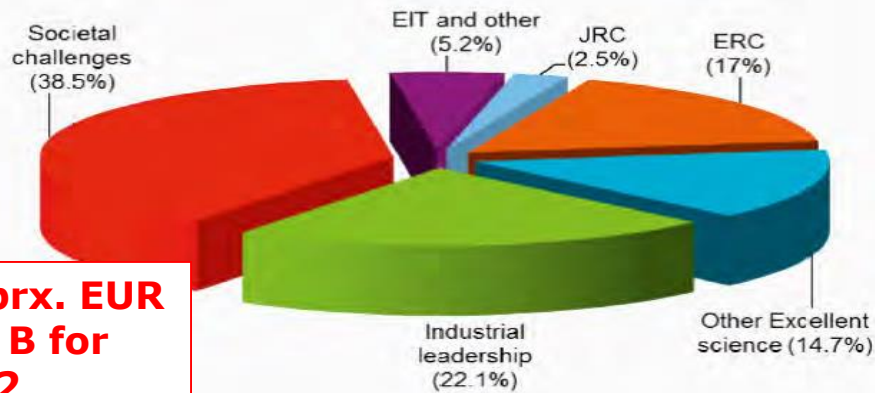
EU Research and Innovation is funded through multiannual Framework Programmes.
Horizon 2020 (from 2014-2020)





European
Commission

H2020 budg > € 70 Billion



**Apprx. EUR
3,8 B for
SC2**

**85-90% of marine research
funding in Europe comes
from national budgets**

1. Health, demographic change and wellbeing

2. Food security, sustainable agriculture and forestry, marine and maritime and inland water research, and the bioeconomy

3. Secure, clean and efficient energy

4. Smart, green and integrated transport

5. Climate action, resource efficiency and raw materials

6. Inclusive, innovative and reflective societies

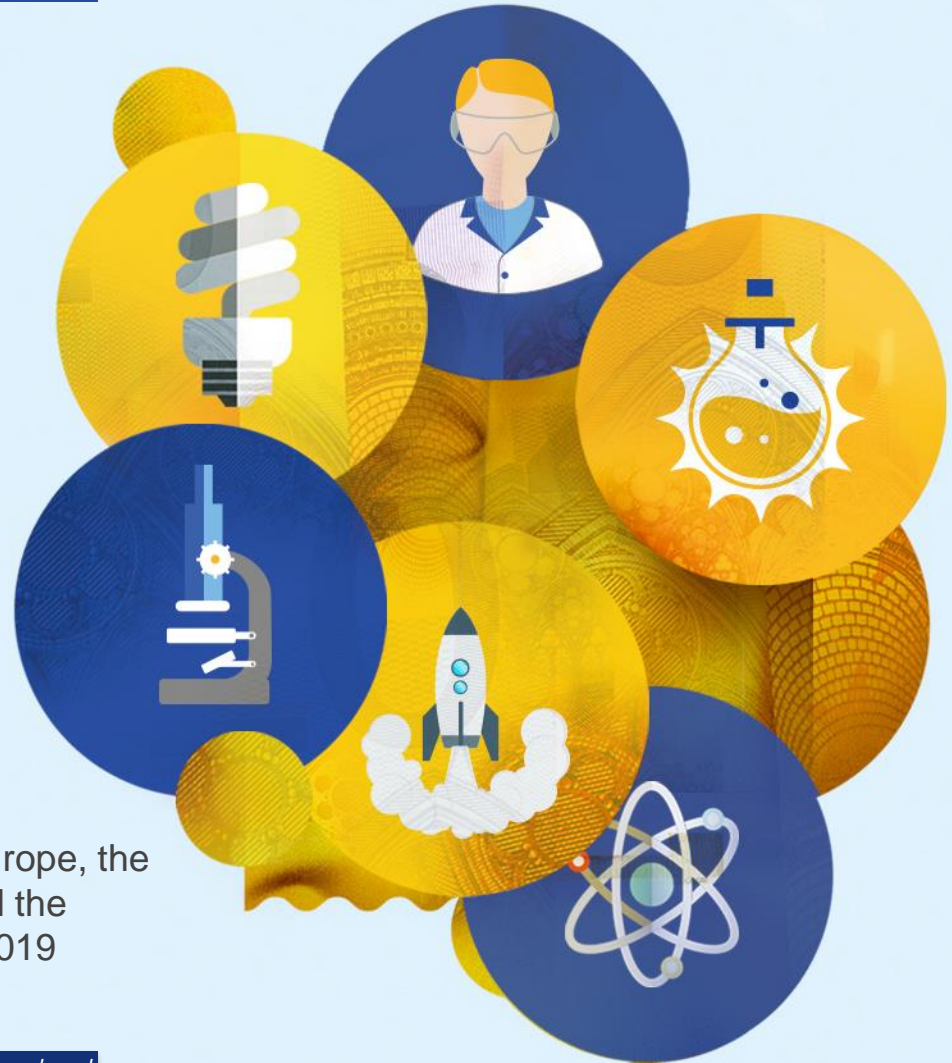
7. Secure societies

Horizon Europe

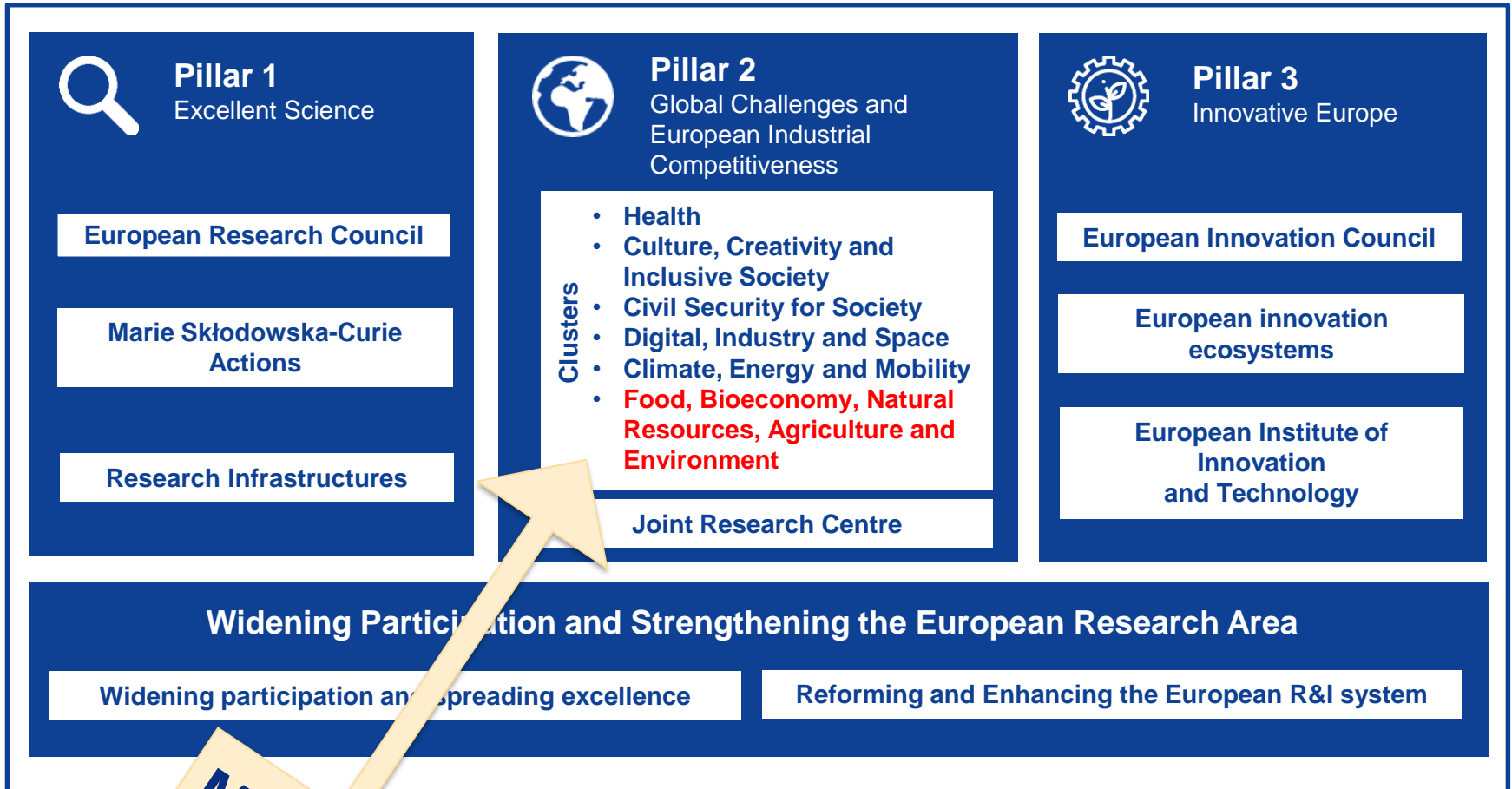
THE NEXT EU RESEARCH & INNOVATION
INVESTMENT PROGRAMME (2021 – 2027)

#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



Horizon Europe: Preliminary structure



Missions

R&I Missions

#HorizonEU

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 with the support of a **mission assembly**.



Adaptation to climate change, including societal transformation



Healthy oceans, seas, coastal and inland waters



5 Mission areas



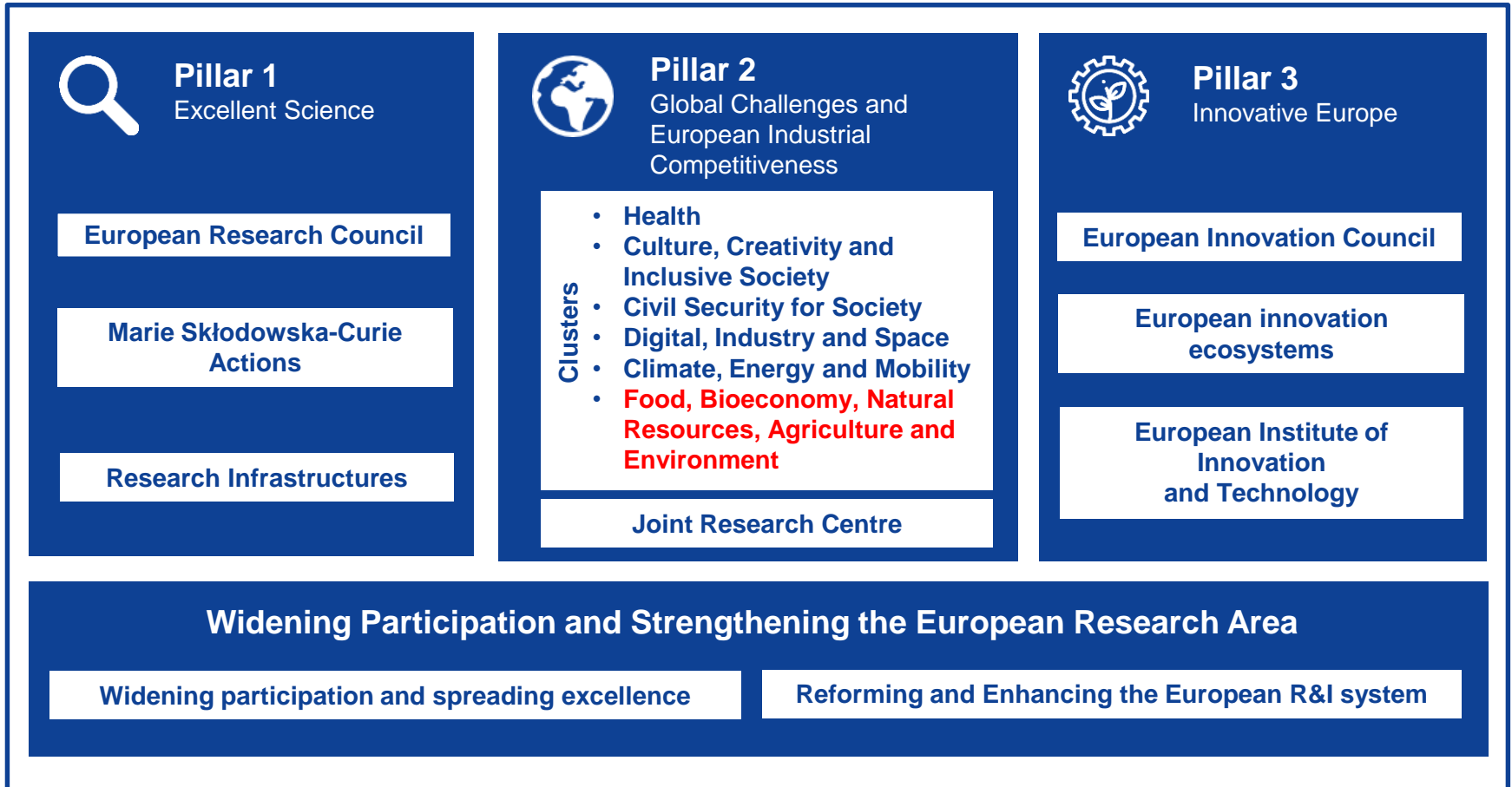
Cancer

Climate-neutral and smart cities



Soil health and food

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'

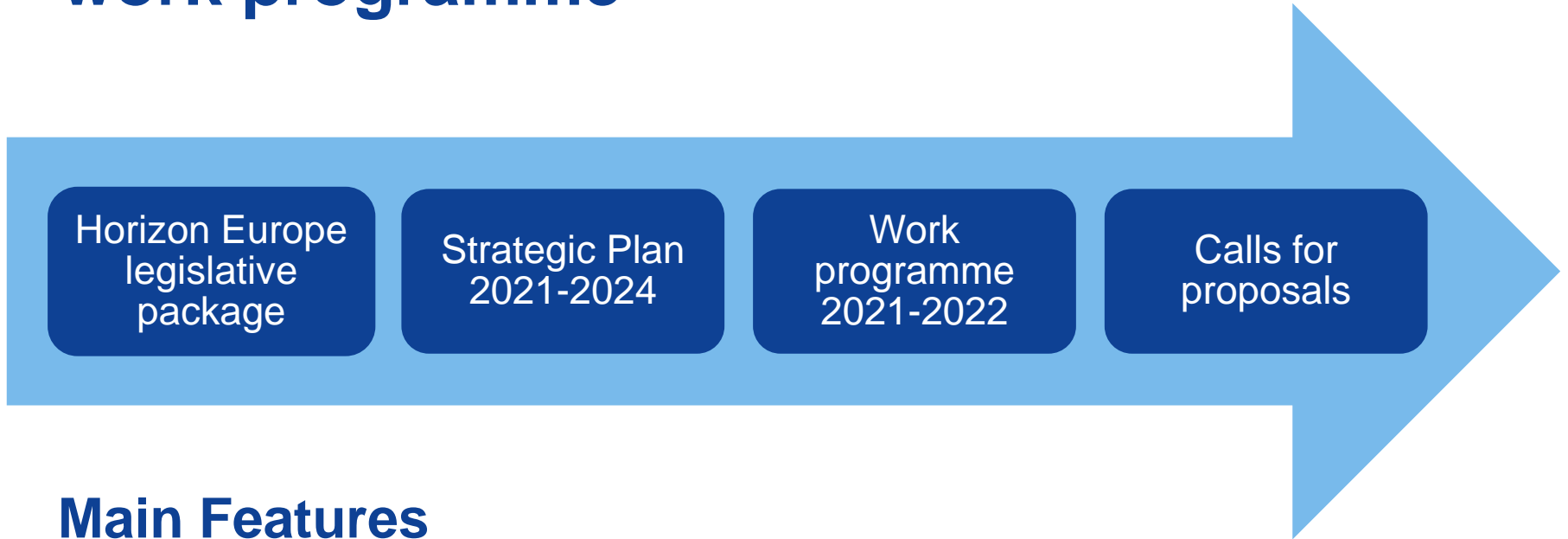
Area of Intervention

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**

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



THE GREEN DEAL

The Commission's commitment to tackling climate and environmental-related challenges

*It is a **new growth strategy** that aims to transform the EU into a fair and prosperous society, with a modern, resource-efficient and competitive economy where there are **no net emissions of greenhouse gases in 2050** and where economic growth is decoupled from resource use. It also aims to protect, conserve and enhance the EU's natural capital, and protect the health and well-being of citizens from environment-related risks and impacts.*

*The full range of instruments available under the **Horizon Europe** programme will support the research and innovation efforts needed. **Four 'Green Deal Missions'** will help deliver large-scale changes in areas such as adaptation to **climate change, oceans, cities and soil.***

*A **Farm to Fork' Strategy** in spring 2020*

*At least **30% of the Maritime Fisheries Fund** would contribute to climate action*



Thank you for your attention!

Find out more:

www.ec.europa.eu/research/horizon2020

Publication SC2 (including Blue Growth) at:

http://ec.europa.eu/research/horizon2020/index_en.cfm?pg=h2020-documents