

Commission proposal for  
**Horizon Europe**

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

#HorizonEU



€ 100 billion  
funding for  
research &  
innovation  
2021-2027



strengthen the EU's science and technological basis



boost innovation capacity, competitiveness, jobs



deliver on citizens' priorities / sustain our socio-economic model and values

investing in  
R&I to shape  
our future

## Horizon Europe: specific objectives:

- support creation/diffusion of high-quality knowledge
- strengthen impact of R&I in supporting EU policies
- foster all forms of innovation / foster market deployment

**Pillar 1 Open Science**

**Pillar 2 Global Challenges &  
Industrial Competitiveness**

**Pillar 3 Open innovation**

## European Partnerships

in support of EU policy  
objectives

## R & I missions

(healthy  
oceans?)

## European Innovation

**Council** breakthrough  
and disruptive  
innovations

## Pillar 2 Global Challenges & Industrial Competitiveness

### Clusters

- Health
- Inclusive and Secure Society
- Digital Industry
- Climate, Energy, Mobility
- **Food and Natural Resources**

Nourishing the planet's growing population requires **healthy natural systems** and **resources**

Meeting the SDGs requires harnessing of the **potential of R&I** and investing in technologies, new business models and social and environmental innovation.

Supporting the shift towards a **circular economy, bio-economy** and **blue economy** is an opportunity to balance environmental, social and economic goals

Contributes to **SDG 2** (Zero hunger); **SDG 6** (Clean water and sanitation); **SDG 11** (Sustainable cities and communities); **SDG 12** (Responsible consumption and production); **SDG 13** (Climate action); **SDG 14** (Life below water) and **SDG 15** (Life on Land).

## Clusters

- 1 Health
- 2 Inclusive and Secure Society
- 3 Digital Industry
- 4 Climate, Energy, Mobility
- 5 Food and Natural Resources

Environmental observation

Biodiversity and natural capital

Bio-based innovation systems

Food systems

Circular systems

Agriculture, forestry, rural areas

**Seas and oceans**

- **Sustainable fisheries/aquaculture**
- **Resilience of marine ecosystems**
- **Ocean governance**
- **Technologies for digital oceans**
- **Monitoring, predicting, forecasting capacities**
- **Blue value chains – renewable energy, bioeconomy**
- **Nature-based solutions**
- **Blue innovation**

Seas and oceans

Sustainable fisheries and aquaculture

CONSULTATION  
ON FISHERIES/  
AQUACULTURE  
RESEARCH  
2021-2027

harvest  
sustainably  
more food

ocean  
resilience

management  
challenges

aquaculture

food security

externalities

ecosystem

carrying capacity

climate  
change

resource

sustainability

optimizing

fisheries

footprint

resource

distribution

food safety

best available  
science

management  
evaluations

climate smart

management  
frameworks

stakeholders

competitiveness/  
efficiency

global  
aquaculture



European  
Commission

# Next steps

