

Commission proposal for **Horizon Europe**

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

Horizon Europe, Water R&I, International Cooperation

#HorizonEU

Panagiotis Balabanis
DG Research & Innovation
Water JPI Workshop, Lisbon, 4 December 2019



Horizon Europe

is the Commission proposal for a **€ 100 billion** research and innovation funding programme for seven years (2021-2027)



to strengthen the EU's scientific and technological bases



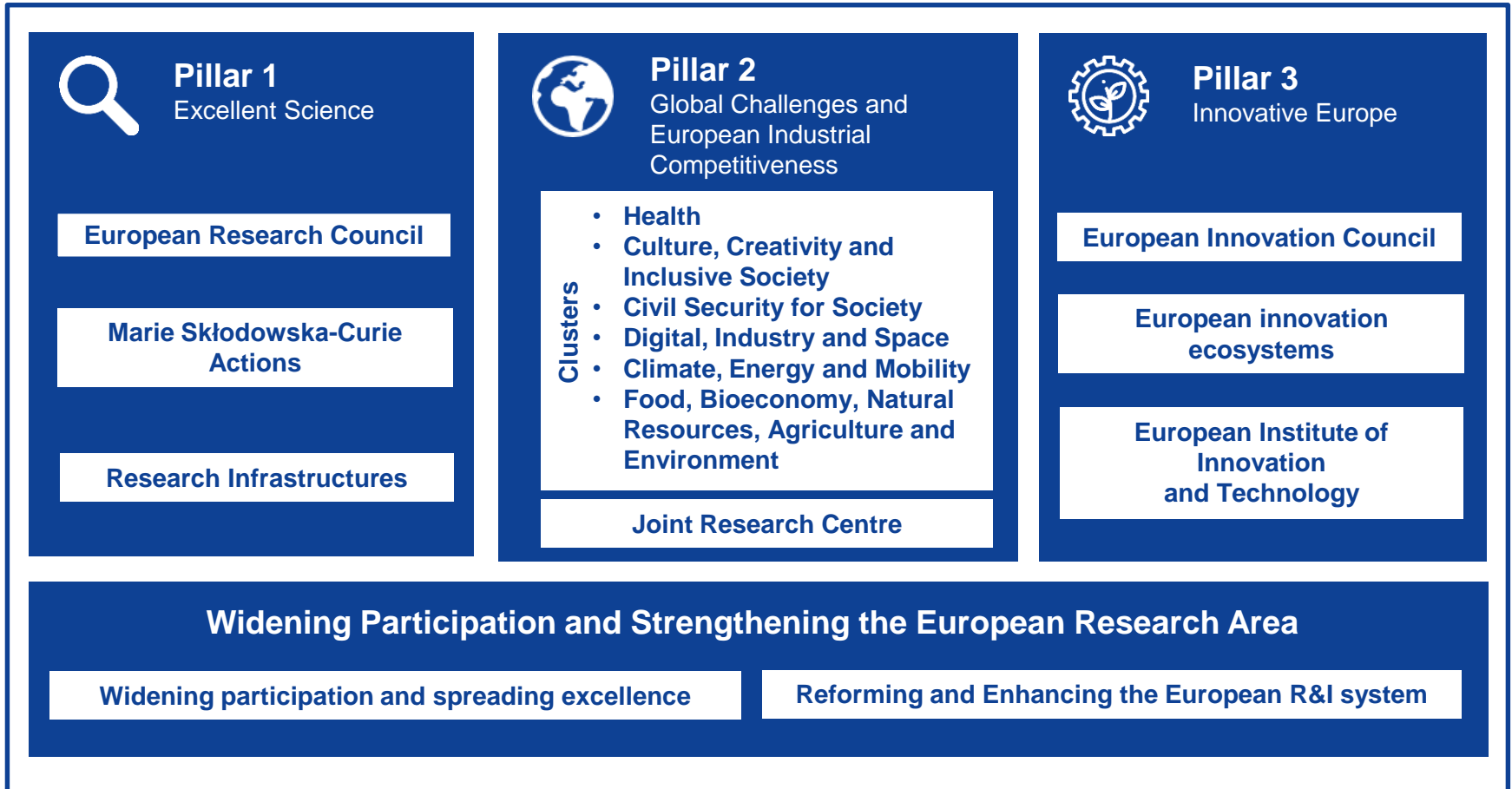
to boost Europe's innovation capacity, competitiveness and jobs



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

€ 4.1 billion are proposed to be allocated for defence research, in a separate proposal for a European Defence Fund

Horizon Europe: Preliminary structure





International Cooperation

International Cooperation

Tackling together global societal challenges; access to the world's best talents, expertise and resources; enhanced supply and demand of innovative solutions

Extended openness to association

- Third countries with good capacity in science, technology and innovation
- Taking into account objective of driving economic growth in Europe through innovation
- General opening for international participation
- Intensified targeted actions (flagship initiatives, joint calls, etc.)

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

International Cooperation priorities in the 1st Strategic Plan for Horizon Europe

- ✓ Strengthened scientific and technological links with key partners
- ✓ Multilateral alliances to address key objectives
- ✓ An international level playing field and reciprocity
- ✓ Common ethical approaches to the development of technologies and scientific knowledge

International Cooperation priorities in the 1st Strategic Plan for Horizon Europe

Feedback from web-based consultation and on the European Research and Innovation Days

- ✓ Overall policy objectives confirmed
- ✓ Issues stressed:
 - the importance of strengthening international cooperation to effectively address global challenges such as those related to climate change
 - The need to further support and facilitate the mobility of researchers and international knowledge production and exchange
 - Support to industrial leadership and achieving sovereignty in key technologies
 - Science diplomacy
 - The need to promote shared values and principles in our scientific and technological relations with other countries

International Cooperation priorities in the 1st Strategic Plan for Horizon Europe

Cluster 6 “Food, Bioeconomy, Natural resources, Agriculture and Environment “

- ✓ Support the work of the IPCC and IPBES
- ✓ Strengthening access to environmental observation data and information through the Global Earth Observation System of Systems (GEOSS)
- ✓ International cooperation will be stepped up through strategic alliances in areas, such as food and nutrition security, animal health, soil, climate change, water management, ecosystem restoration or forest management
- ✓ Support the EU-African Union Research and Innovation Partnership (food and nutrition security, sustainable agriculture, climate resilience)
- ✓ International cooperation with China (Food, Agriculture and Biotechnology), Brazil and the wider CELAC region (nature-based solutions, ecosystem restoration and natural capital)
- ✓ Promote leading international cooperation activities in the field of water
- ✓ Continue to work with international partners to step up science, research and innovation on seas and oceans (all-European sea basins, all-Atlantic cooperation, BLUEMED, Black Sea)

Ongoing international cooperation in the field of water

- ✓ International cooperation is an essential element of our water R&I activities (SDGs, climate agenda, Council conclusions on water diplomacy)
- ✓ In the context of H2020 we have promoted dedicated water cooperation activities with Africa, including non-EU Mediterranean countries, China (support of the research component of the China European Water Partnership), India (flagship initiative in 2018), Brazil (sector dialogue for possible further R&I cooperation) Central Asia EU – CA Network for Water Science and Technology)
- ✓ Since 2018, PRIMA is our key policy initiative to support R&I cooperation on water and food in the Mediterranean area.
- ✓ International cooperation is a key component of the JPI Water
- ✓ International cooperation is also a key component of the European Partnership Water4All proposed under Horizon Europe .

Some issues for your discussion

- ✓ How to balance the sectorial/geographical policy perspectives?
- ✓ How to align with the new Commission's priorities and international commitments?
- ✓ What type of collaborative projects and funding mechanisms for international cooperation (e.g. joint calls, co-funding mechanisms,...)?
- ✓ How can we concretely 'step-up' our actions with respect to business as usual?
- ✓ What synergies should we seek between Horizon Europe and other EU programmes

Thank you!

Follow us and keep up to date via:

#HorizonEU

[@Moedas](#) [@EUScienceInnov](#) [@EU_H2020](#) [@HorizonMagEU](#)

<https://www.facebook.com/EUScienceInnov/>

<https://www.facebook.com/cmoeidas/>

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

