



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

Strengthening the European Research Area

#HorizonEU

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*Research and
Innovation*



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

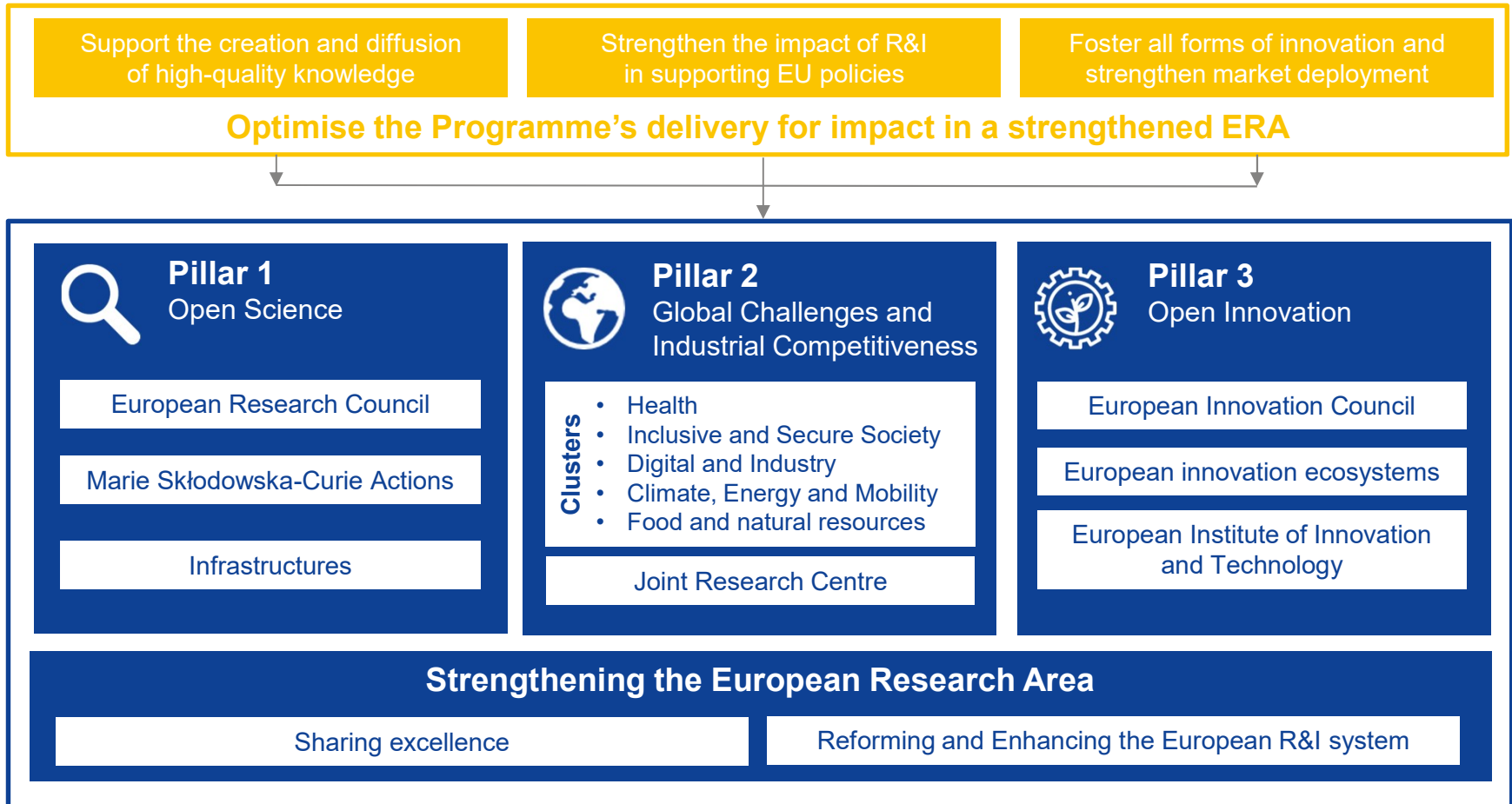


to deliver on citizens' priorities and sustain our socio-economic model and values

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

Horizon Europe: evolution not revolution

Specific objectives of the Programme



Lessons Learned

from Horizon 2020 Interim Evaluation



Support breakthrough innovation



Create more impact through mission-orientation and citizens' involvement



Strengthen international cooperation



Reinforce openness



Rationalise the funding landscape



Key Novelties

in Horizon Europe

European Innovation Council

R&I Missions

Extended association possibilities

Open science policy

New approach to Partnerships

Sharing Excellence



"EU must breathe with both lungs"

Jean-Claude Juncker, State of the Union speech, 13 September 2017

Sharing Excellence: WHY?

Objective: "Reducing disparities in R&I performance by sharing knowledge and expertise across the EU (...) fully exploit the potential of Europe's talent pool by maximising and sharing the benefits of research and innovation across the Union"

- Strengthening S&I base is an inclusive process where all EU countries need to be on board and be engaged
- R&I divide is more nuanced BUT disparities in Europe persist
- Problems identified in 2011 have different degrees of intensity but represent still important challenges
- "SHARING excellence" means *shared responsibility* ...
-but also *shared benefit!*

Sharing Excellence: HOW? Key features

- **Build on Horizon 2020 experience and lessons learnt**
- **'Widening'/'Sharing excellence' core actions to continue with improvements**
- **Increased budget (from 800M€ to 1,7bl€) and Ring-fenced – following MS position papers and requests by R&I community**
- **Eligibility Indicator**—> "will address the dimensions of overall economic performance (GDP), research performance and innovation performance in a combined manner normalised to the size of the related countries"
- **Outermost Regions** eligible on the basis of Art. 349 TFEU
- Link to **Smart Specialisation** Strategies priorities
- **Sharing excellence 'toolbox': Not only Core actions ...**

Sharing excellence: CORE ACTIONS

Teaming

- Institution building
- Establish/upgrade Centre of Excellence in eligible countries
- Game changer through strong partnership



Twinning

- Institutional networking
- Strengthen a university / research organisation from an eligible country in a defined field
- Link to internationally-leading research inst. from other MS or AC



ERA Chairs

- Bringing excellence to institutions
- Support universities / research organisations attract talents through outstanding researcher and research manager
- Implement structural changes



+ COST: European Cooperation in Science and Technology, offering low hurdle access to R&I networking, capacity building and career development support to researchers

Sharing Excellence: NOVELTIES

For the three core actions (Teaming, Twinning , ERA chairs)

- *"will facilitate **specific research elements** customised to the particular needs of the action"*
- Strengthen research management skills (soft measure)
- Ensure sustainability via stronger plan (soft measure)

For COST

- EC Funding totally from "Sharing excellence"
- *"80% of the total COST budget devoted to actions fully aligned to the objectives of this intervention area"*

Possible additional measures under Sharing Excellence :

"Activities may also be established to foster brain circulation right across ERA"

- ... and *"And better use of existing research infrastructures in the target countries through mobility of researchers and innovators"*

Thank you!

Questions?