

# Commission proposal for **Horizon Europe**

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

**#HorizonEU**

Deputy Director-General Signe Ratso

”The Baltic Sea Region – A Science Powerhouse”

Brussels, 26 November 2018



# 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**

# Horizon Europe: investing in R&I to shape our future

- The vision:
  - " a Europe that protects,  
a Europe that empowers,  
a Europe that defends"  
*Jean-Claude Juncker*
- Tackling **climate change**  
(35 % budgetary target)
- Helping to achieve **Sustainable Development Goals**
- Boosting the Union's  
**competitiveness and growth**

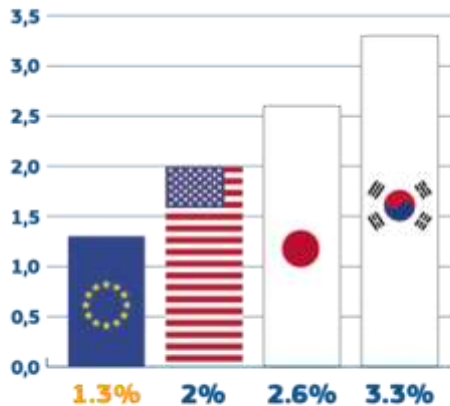


Credits: <https://www.un.org/sustainabledevelopment/sustainable-development-goals/>

# While benefiting from world-class research and strong industries...

Our knowledge and skills are our main resources.

- 7% of the world's population
- 20% of global R&D
- 1/3 of all high-quality scientific publications



**1.3%**  
EU business  
R&D  
investment

**...Europe fails to transform leadership in science into leadership in innovation and entrepreneurship**

# LESSONS LEARNT

## from Horizon 2020 Interim Evaluation

To maximise impact there is a need to:



Support breakthrough innovation



Create more impact through mission-orientation and citizens' involvement



Strengthen international cooperation



Reinforce openness, whilst safeguarding EU interests



Rationalise the funding landscape



# KEY NOVELTIES

## in Horizon Europe

European Innovation Council

R&I Missions

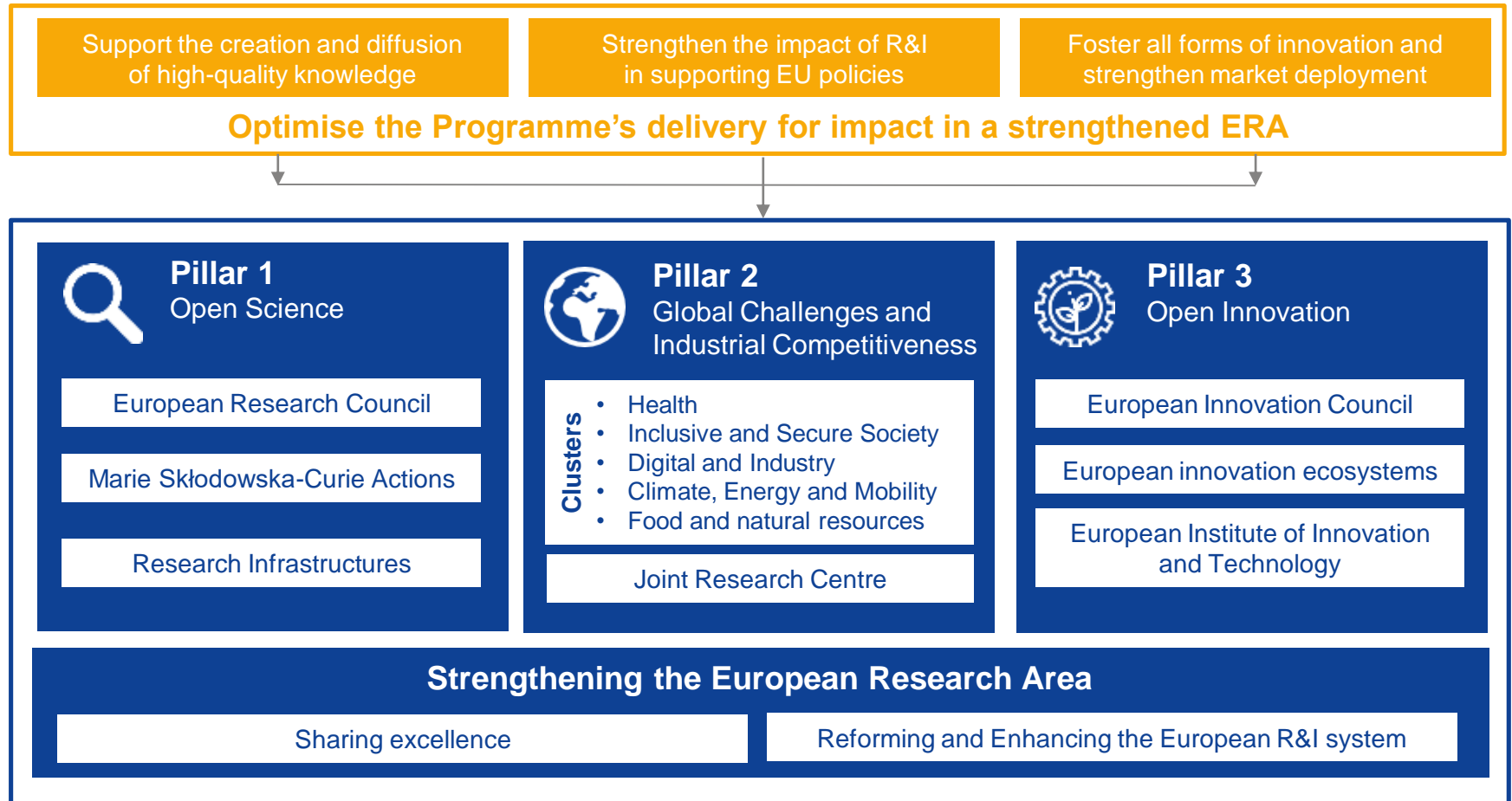
Extended association possibilities and international cooperation

Open science policy

New approach to Partnerships

# Horizon Europe: evolution not revolution

## Specific objectives of the Programme



## Pillar 1

# OPEN SCIENCE:

reinforcing and extending the excellence of the Union's science base

### European Research Council

- Frontier research by the best researchers and their teams

**€ 16.6 billion**

### Marie Skłodowska-Curie Actions

- Equipping researches with new knowledge and skills through mobility and training

**€ 6.8 billion**

### Research Infrastructures

- Integrated and inter-connected world-class research infrastructures

**€ 2.4 billion**

# Strengthening the European Research Area:

optimising strengths & potential for a more innovative Europe

## Sharing Excellence

- Teaming  
(institution building)
- Twinning  
(institutional networking)
- ERA Chairs bringing excellence to institutions
- COST

€ 1.7 billion



## Reforming and enhancing the European R&I system

- Scientific evidence & foresight
- Open Science
- Policy Support Facility
- Attractive researcher careers
- Citizen science
- Responsible Research & Innovation; gender equality

€ 0.4 billion



# Next steps





**'With growing international competition, Europe needs to act urgently on research and innovation.**

**The proposed € 100 billion for the next EU research and innovation programme would be a huge boost.'**

**Carlos Moedas, Commissioner, 15/05/2018**



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**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](http://ec.europa.eu/budget/mff/index_en.cfm)





# Thank you!

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<http://ec.europa.eu/horizon-europe>