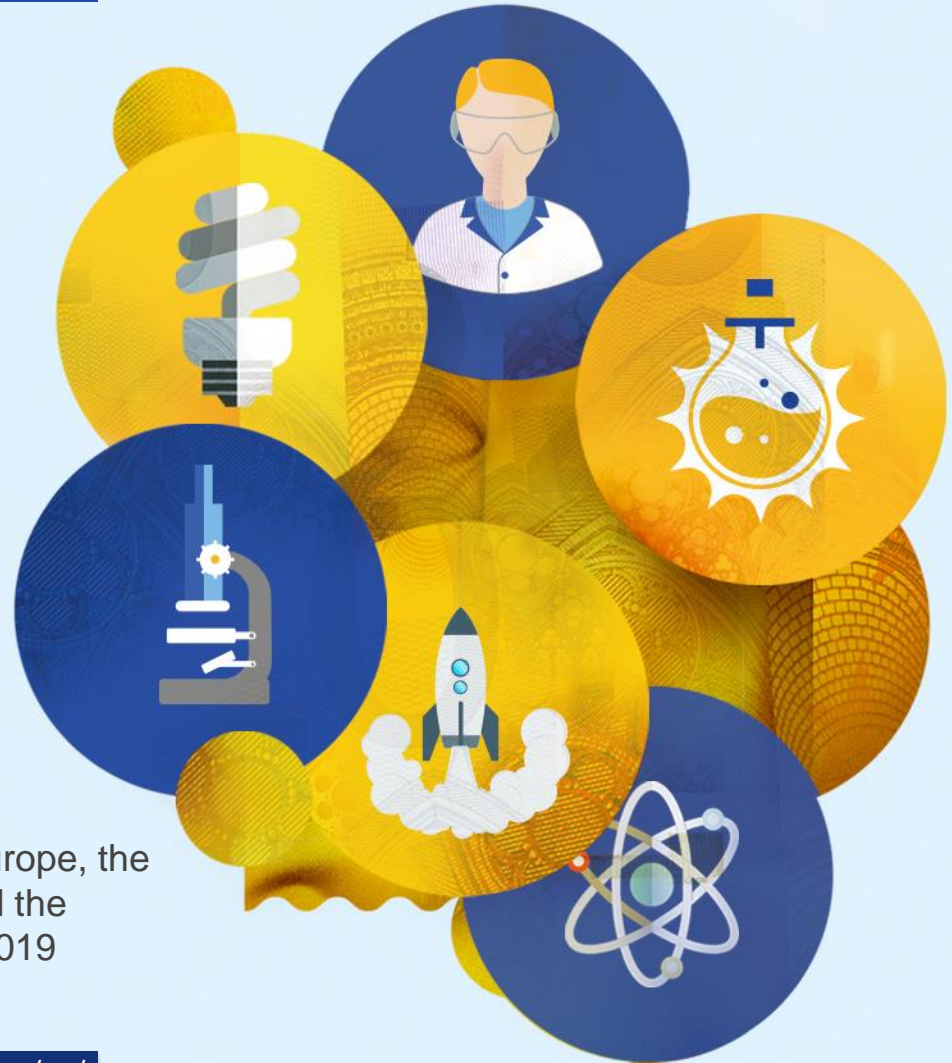


# Horizon Europe

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



# Our vision

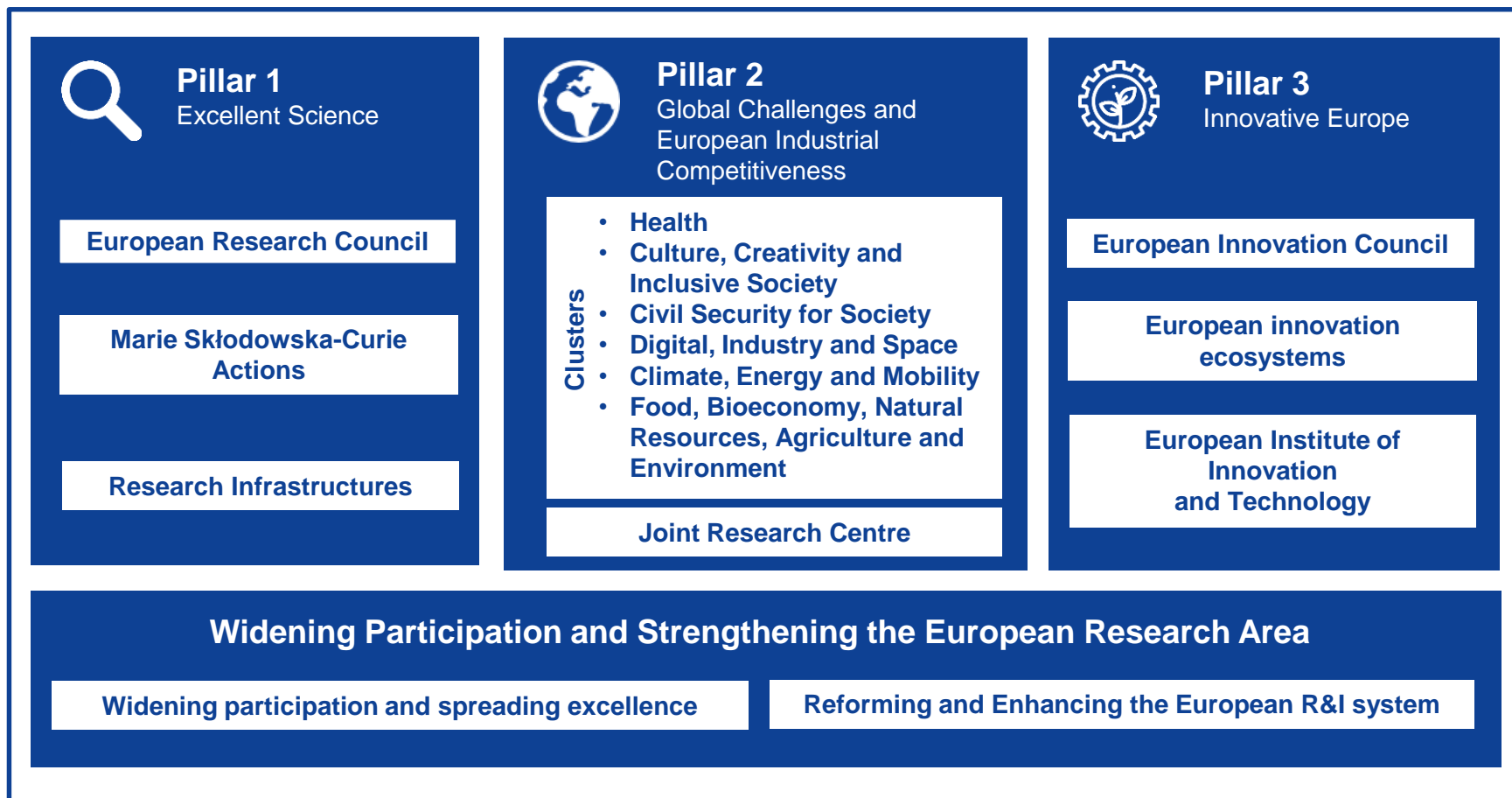
A sustainable, fair and **prosperous** future for **people** and **planet** based on European values.

- Tackling **climate change** (35 % budgetary target)
- Helping to achieve **Sustainable Development Goals**
- Boosting the Union's **competitiveness and growth**

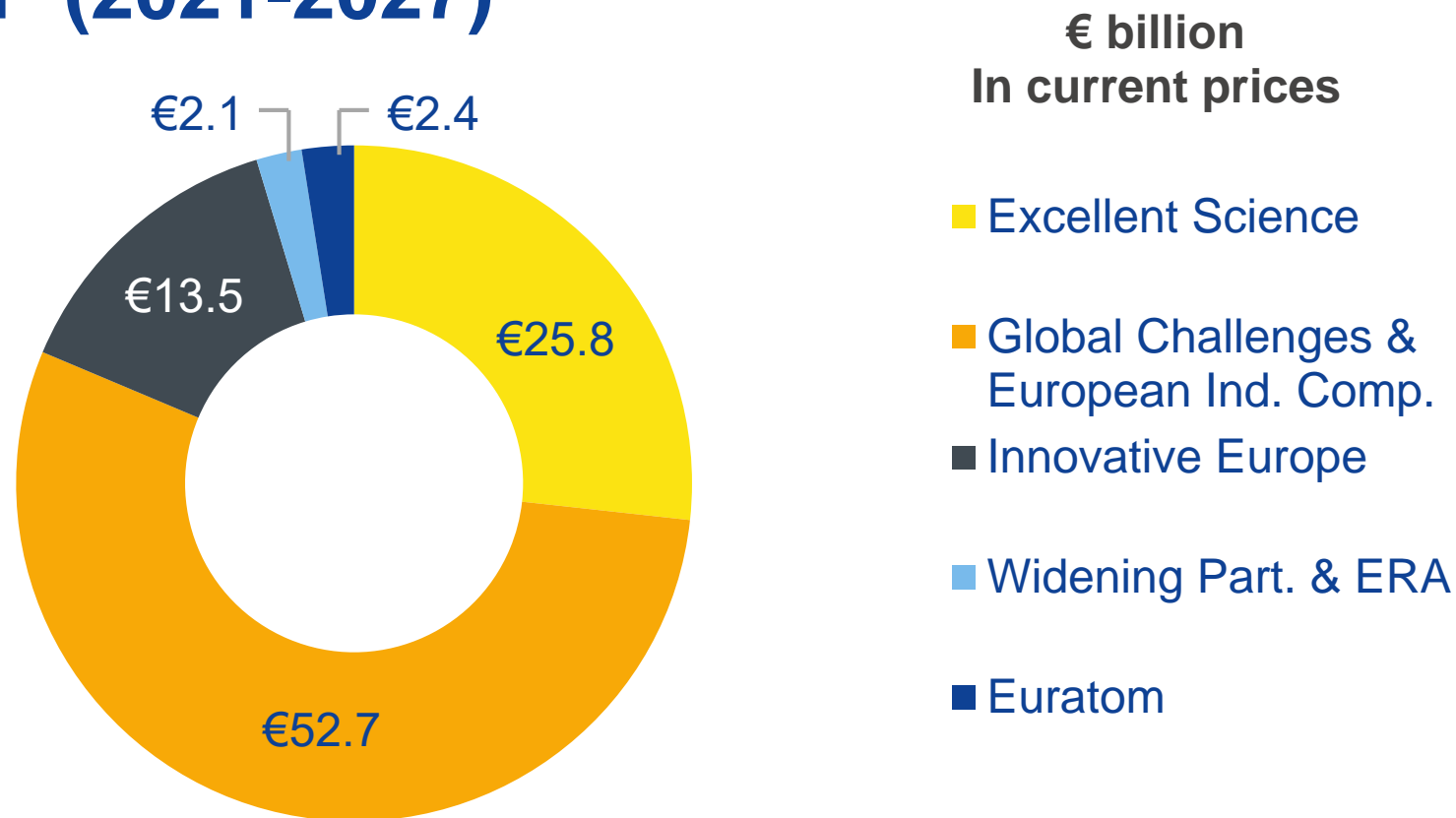


Credits: <https://www.un.org/sustainabledevelopment/sustainable-development-goals/>

# Horizon Europe: Preliminary structure



# Commission proposal for budget: €100 billion\* (2021-2027)



\* This envelope includes EUR 3.5 billion allocated under the InvestEU Fund.

# Lessons Learned

## from Horizon 2020 Interim Evaluation

# Key Novelties


## in Horizon Europe

 Support breakthrough innovation →

European Innovation Council

 Create more impact through mission-orientation and citizens' involvement →


R&I Missions

 Strengthen international cooperation →

Extended association possibilities

 Reinforce openness →

Open science policy

 Rationalise the funding landscape →

New approach to Partnerships

 Encourage participation →

Spreading Excellence

**Rules for participation: continuity and simplification**



# European Innovation Council

Support to innovations with breakthrough and disruptive nature and scale up potential that are too risky for private investors (**70% of the budget earmarked for SMEs**)

**European  
Innovation Council  
– a one-stop-shop**

Helping innovators create markets of the future, leverage private finance, scale up their companies, Innovation centric, risk taking & agile, proactive management and follow up

Two complementary instruments bridging the gap from idea to investable project

**Pathfinder: grants**  
(from early technology  
to pre-commercial)

**Accelerator:**  
**grants only & blended finance**  
(from pre-commercial  
to market & scale-up)



# R&I Missions



## R&I Missions

Relating EU's research and innovation better to society and citizens' needs; with strong visibility and impact

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 as well as relevance for a significant part of the European population and wide range of European citizens.

Horizon Europe defines mission characteristics and elements of governance, and 5 missions areas.

Specific missions will be programmed within the Global Challenges and European Industrial Competitiveness pillar (drawing on inputs from other pillars)

# Adaptation to climate change, including societal transformation



Cancer

## Mission areas

Healthy oceans, seas, coastal and inland waters



Climate-neutral and smart cities



Soil health and food







# New approach to European Partnerships

New generation of objective-driven and more ambitious partnerships in support of agreed EU policy objectives

## Key features

- **Simple architecture and toolbox**
- **Coherent life-cycle approach**
- **Strategic orientation**

### Co-programmed

Based on Memoranda of Understanding / contractual arrangements; implemented independently by the partners and by Horizon Europe

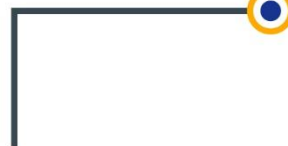
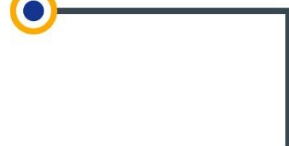
### Co-funded

Based on a joint programme agreed and implemented by partners; commitment of partners for financial and in-kind contributions

### Institutionalised

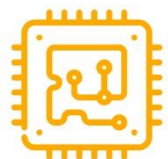
Based on long-term dimension and need for high integration; partnerships based on Articles 185 / 187 of TFEU and the EIT-Regulation supported by Horizon Europe

**Health innovations**



**Sustainable bio-based solutions**

**Key digital and enabling technologies**



**Hydrogen and sustainable energy storage**

**Metrology**



**Clean, connected mobility**

**EU air traffic, aviation and rail**



**Innovative SMEs**

**Areas for possible Institutionalised European partnerships (based on Article 185/7 TFEU)**



European Commission

# Roadmap for the preparation of European Partnerships

## Currently ongoing:

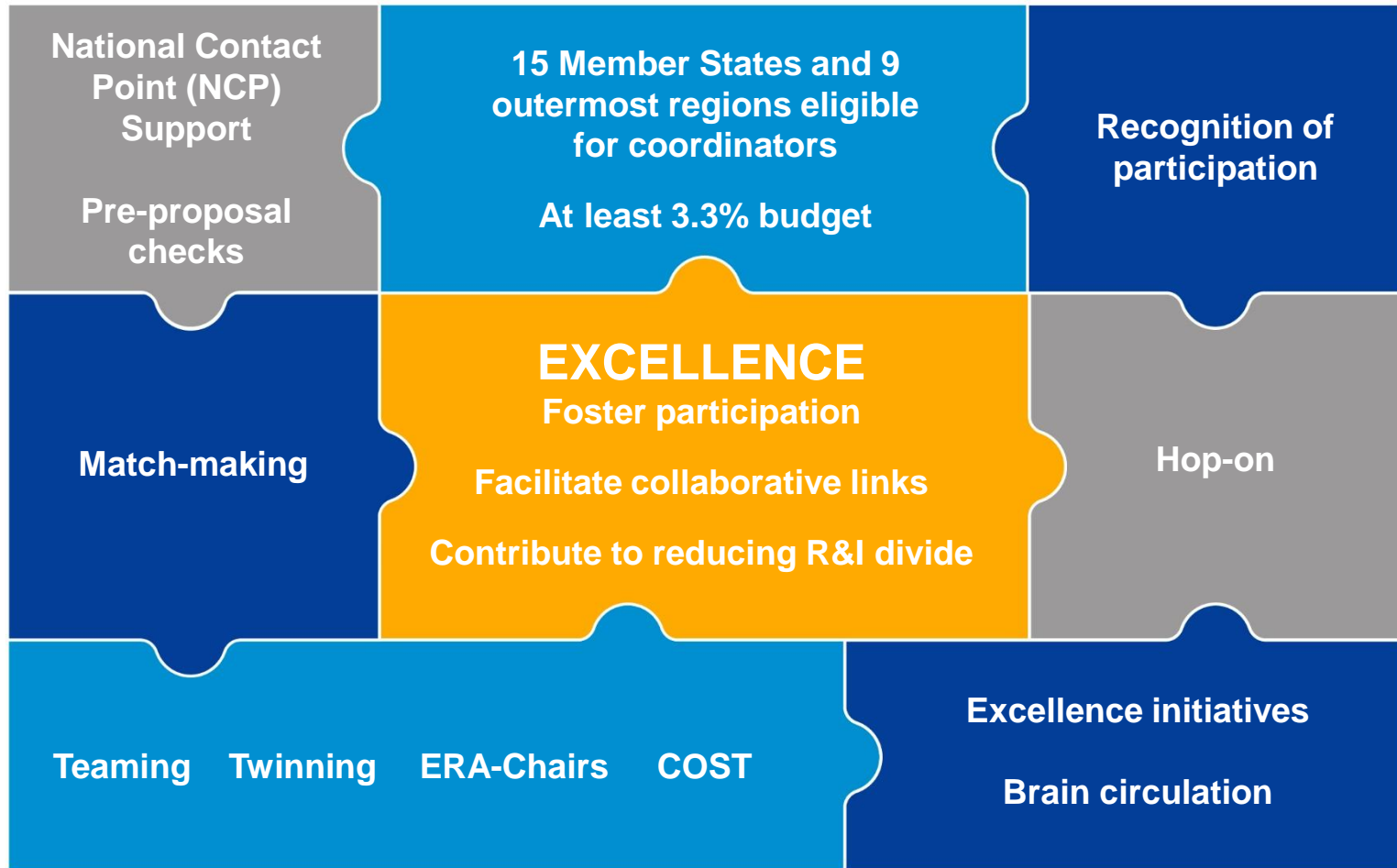
- Further **consultations** on the Orientations towards the Strategic Plan
- Ongoing **Impact Assessment** work for Article 185/7 candidates
- Further elaboration of **proposals for Partnerships** in co-creation between partners and Commissions services

## Key elements for the next steps

- Finalisation of Strategic Plan Horizon Europe
- Outcome of the Impact Assessment work
- Progress on MFF negotiations
- ➔ Need for clarity: For which European Partnerships candidates will the new Commission adopt legislative proposals (Article 185/7), which candidates should be implemented as co-programmed/co-funded partnerships and included in the Strategic Plan
- ➔ Without political agreement on budgetary envelope for Horizon Europe: No budget allocation to candidates for European Partnerships, no COM proposals for Article 185/7 initiatives



# Widening participation/spreading excellence



# Simple and fit for purpose rules

- Further alignment to the Financial Regulation
- Increased use of **simplified forms of grants** where appropriate (building on the H2020 lump sum pilot experience)
- Broader acceptance of **usual cost accounting practices**
- Enhanced **cross-reliance on audits** benefiting beneficiaries taking part in several Union programmes

## while ensuring continuity and consistency for beneficiaries by maintaining

- Attractive H2020 funding model, including up to 100% funding rate of direct costs
- Single set of rules principle

# Horizon Europe – implementation, prioritisation and impact

# Strategic Plan for implementing Horizon Europe

The Strategic Plan (*new implementing act by the Commission*) will prepare the content in the work programmes and calls for proposals for the first four years

- Strategic orientation for R&I support, expected impacts
- Partnerships and missions
- Areas for international cooperation
- Issues such as:
  - Balance between research and innovation
  - Social Sciences and Humanities
  - Key Enabling Technologies and strategic value chains
  - Gender
  - Ethics and integrity
  - Dissemination and exploitation

# Strategic plan gives direction to the work programme



## Main Features

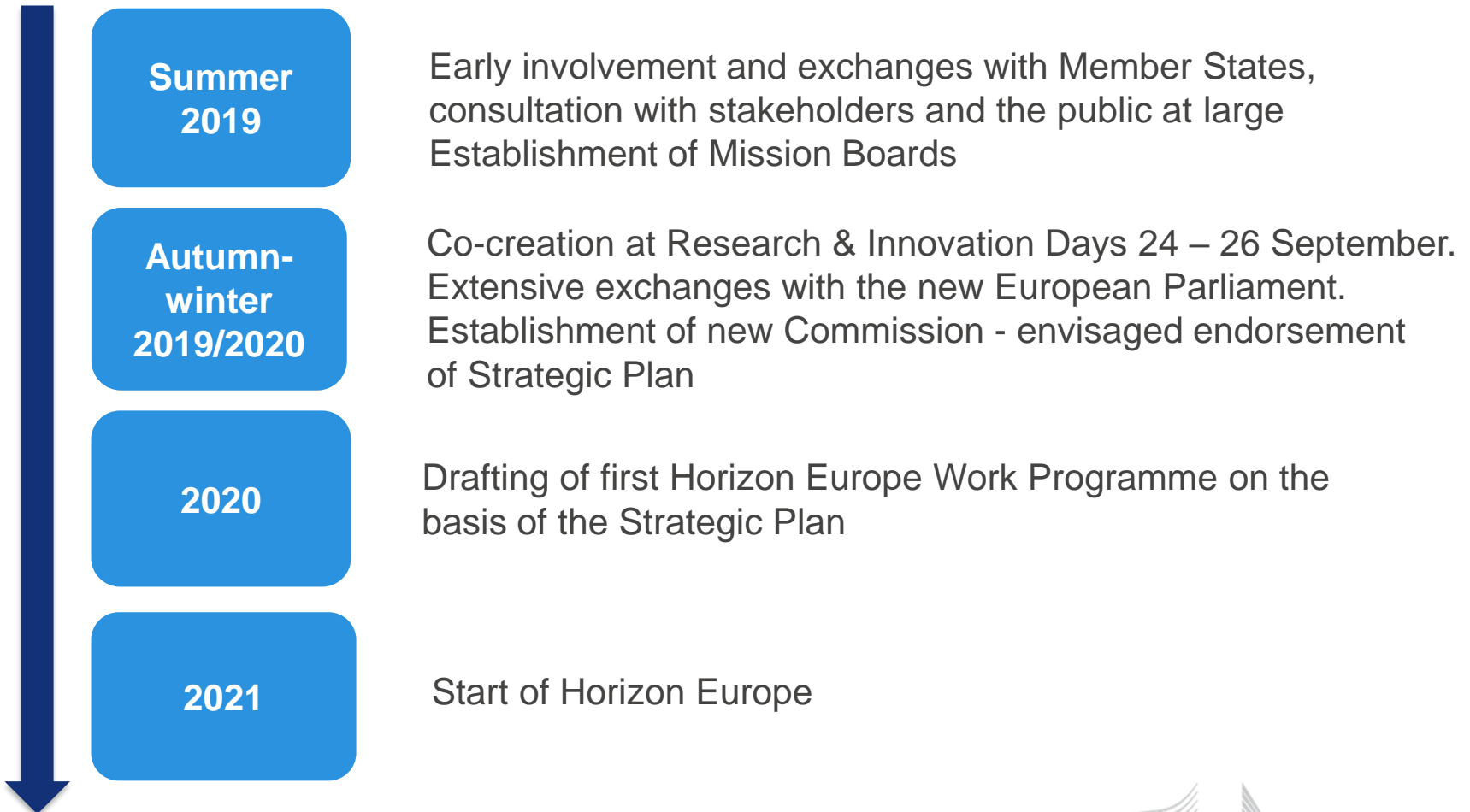
Early involvement and extensive exchanges with Member States

Extensive exchanges with the European Parliament

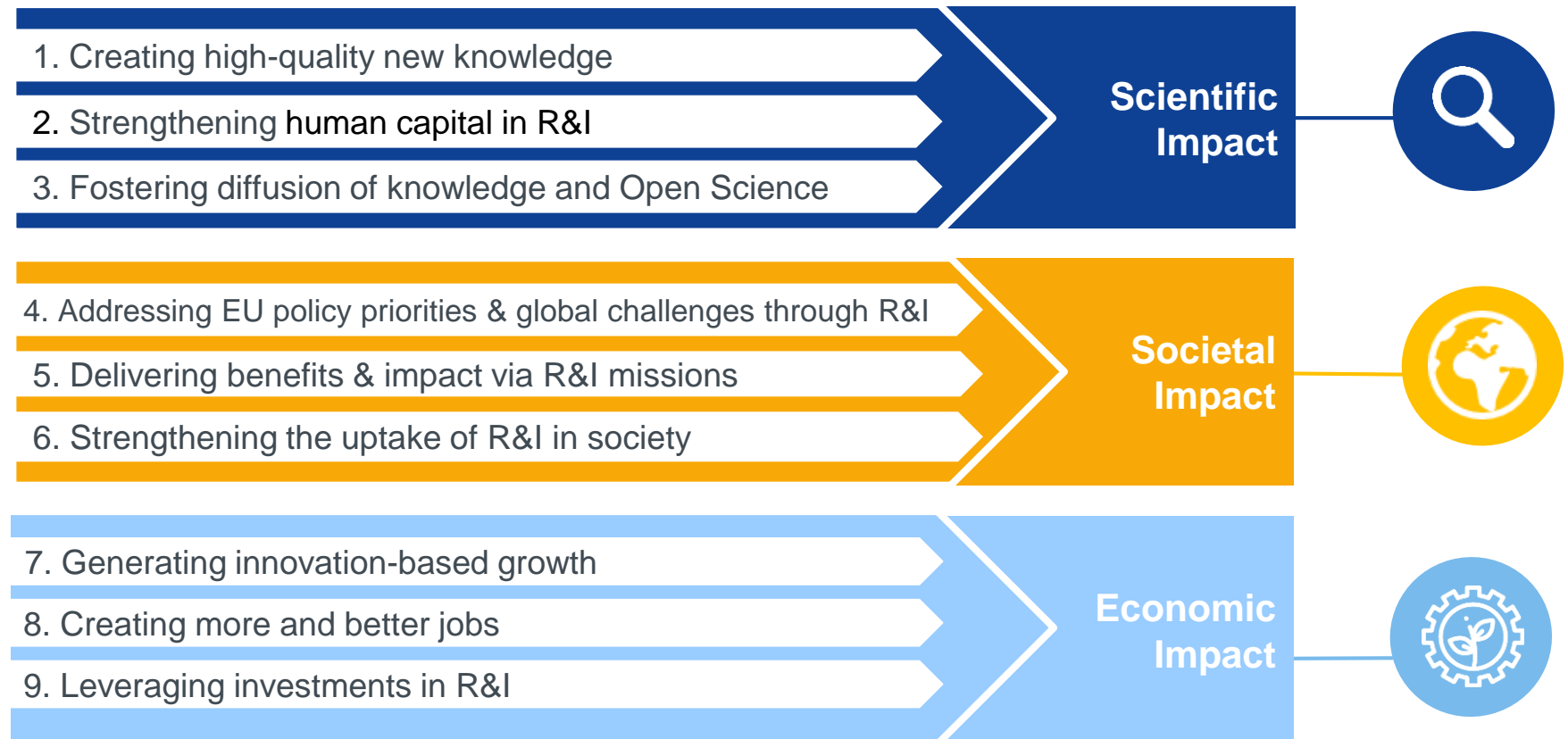
Consultations with stakeholders and public at large



# Steps towards the first Horizon Europe work programme



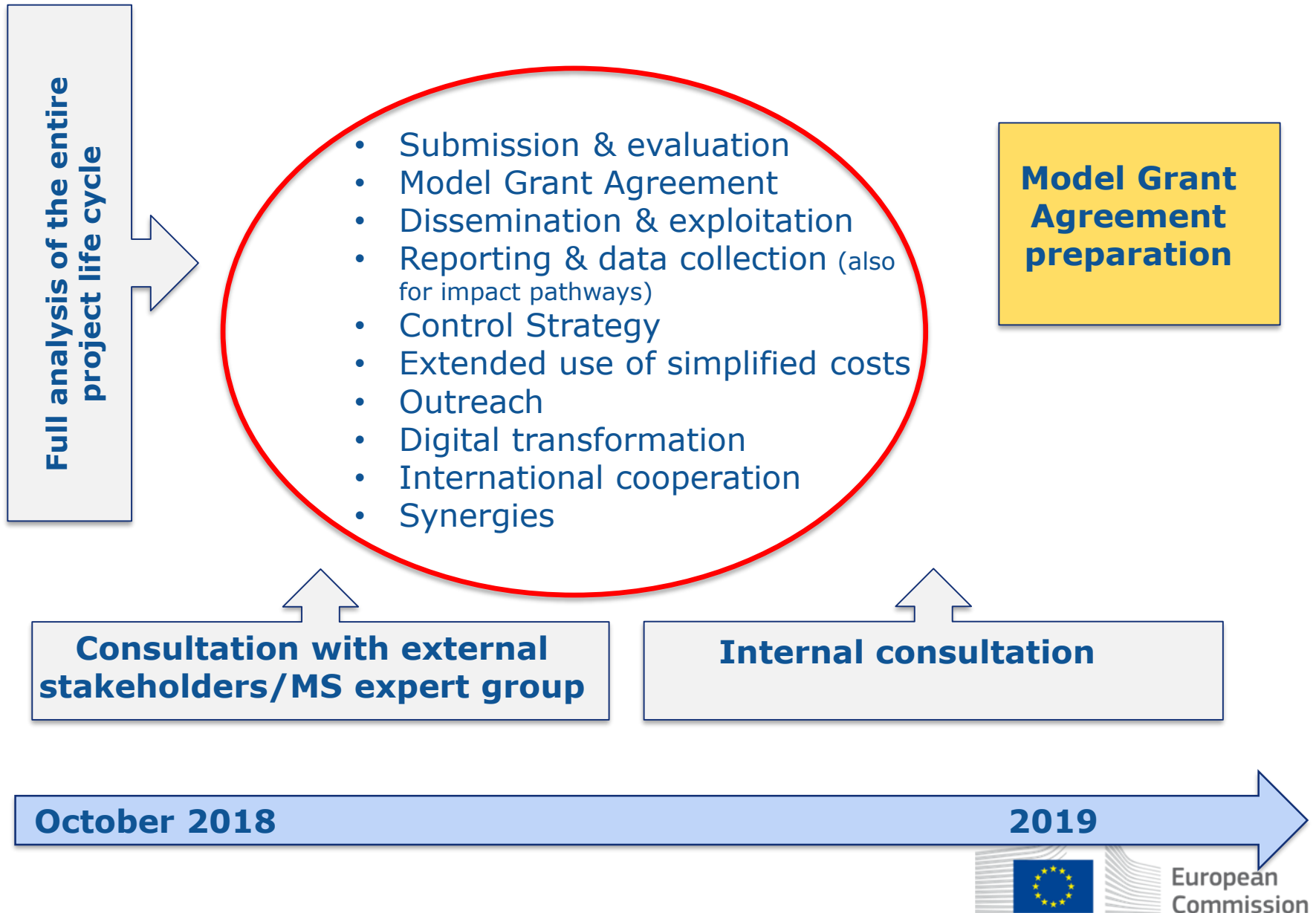
# Key impact pathways to track progress



# Implementation strategy

- The **Implementation Strategy** will be an essential component for **delivering the objectives** of Horizon Europe, **in practice**;
- It will embrace all the processes involved in running calls, selecting proposals and managing projects, with **joined-up systems** and **common principles**.
- It will ensure that the new programme is managed according to highest standards, **maximizing the impact** of every Euro spent;
- The strategy will build on successful experience to date, but taking account of **lessons learned**, and also **adapted to the new features of Horizon Europe**.

# Review of changes needed for Horizon Europe



# Implementation strategy – Ongoing final steps

- Ongoing consultations
- Consolidating and co-drafting of the Implementation Strategy
- Key milestones
  - **R&I Days** 24-26 September in Brussels
  - **National and Regional Stakeholder events**
  - **Co-design exercise through web survey**, closed 4 October ([report](#) available)
  - **Member States experts group** meetings on **Model Grant Agreement** in July and November 2019

# Co-design exercise on Horizon Europe Implementation Strategy

## Have your say

ON THE IMPLEMENTATION  
OF HORIZON EUROPE

Deadline extended to **4 October 2019**



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#HorizonEU



The survey covers the entire project life cycle, from organisation of calls, proposal submission and evaluation up to efficient reporting and exploitation of results.



# Feedback from the Horizon Europe Co design – Implementation (online consultation / R&I Days)

## *Key messages*

- General **acknowledgement of simplifications introduced in H2020**, considered as good starting point.
- Clear **endorsement of the continuity in the implementation from Horizon 2020 to Horizon Europe**.  
The approach “evolution, not revolution” taken by the Commission for the rules for participation and, by extension in a wider sense, to the implementation of the new programme is appreciated by respondents

# Feedback from the Horizon Europe Co design – Implementation (online consultation / R&I Days)

## *Some key messages per business processes*

- **Work programme:** feedback underlines convenience to move towards less prescriptive topics and less complex calls.
- **Submission process:** respondents consider substantial margin for simplification, suggest shortening the proposals, simplifying the templates and removing non-core R&I parts.
- **Evaluation:** request of improving evaluation feedback, more extensive use of two-stage evaluation, introducing interviews with proposers, improving the quality of experts involved, or involving civil society actors in the evaluation process.

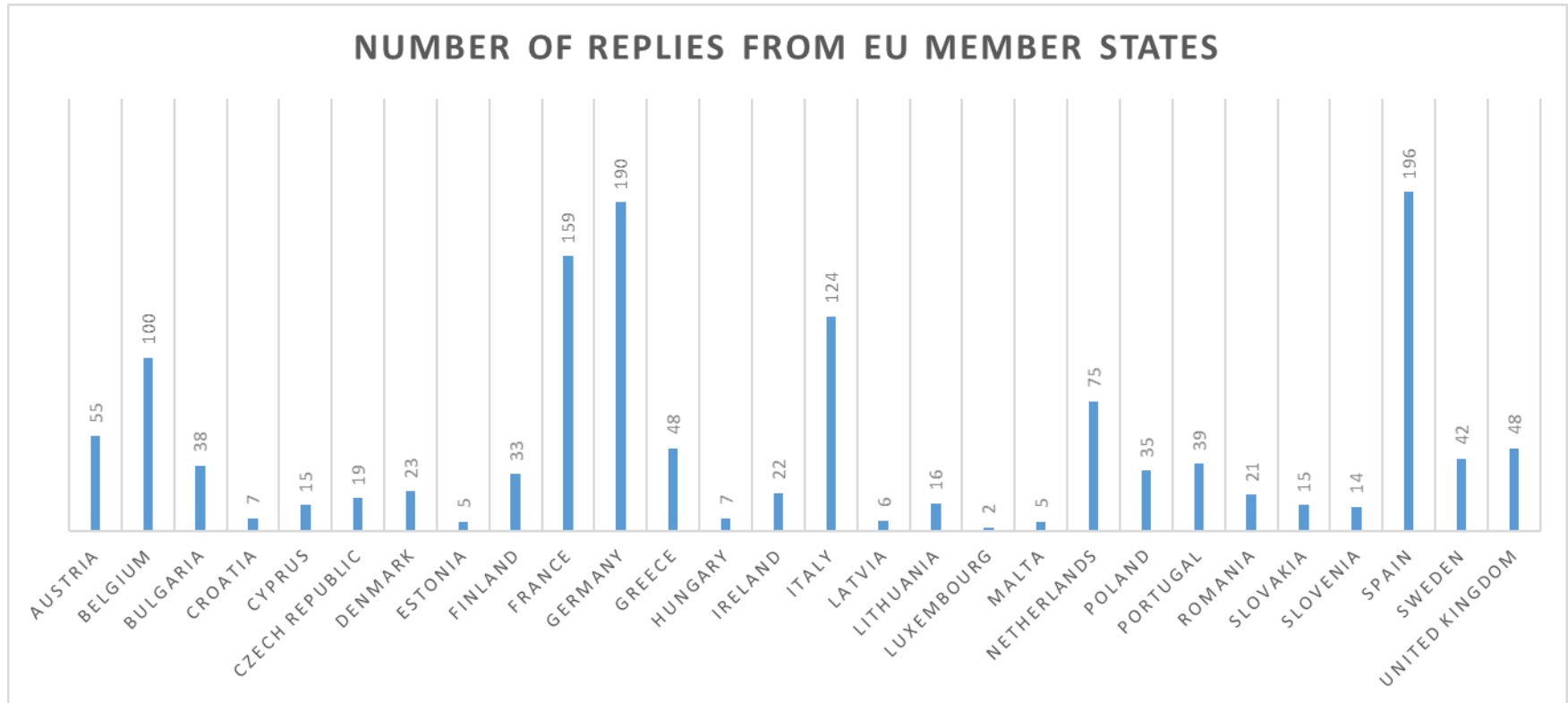


# Feedback from the Horizon Europe Co design – Implementation (online consultation / R&I Days)

## *Some key messages per business processes*

- **Project management:** need to improve IT systems and the Funding and Tenders Portal, simplify the amendment process, improve automatic notifications, provide a channel for continuous feedback. Furthermore, some respondents highlight that individual POs should not set stricter requirements than the standard ones.
- **Audits & control:** Audits & control: enhanced cross-reliance on audits and assessments, also through system and process audits, leading to further reduction of audit burden.

# Bulgarian and Romanian replies to online consultation



- **Number of answers:** 38 from Bulgaria and 21 from Romania out of 1549 replies
- **Feedback from Bulgaria and Romania in line with overall feedback**

# Bulgarian and Romanian replies to online consultation

## Breakdown by category

*Higher number of respondents that have not participated/submitted a proposal before*

- **Type of organisations represented:**
  - 34% universities and research organisations
  - 32% business and industries
  - 22% NGOs
  - 7% public authorities, 5% other
  
- **Interest in the Framework Programme:**
  - 42% are currently participating in a project funded by a EU R&I framework programme
  - 34% have never participated/submitted a proposal before but are interested in the programme
  - 24% have participated/submitted a proposal before



# Thank you!

#HorizonEU

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