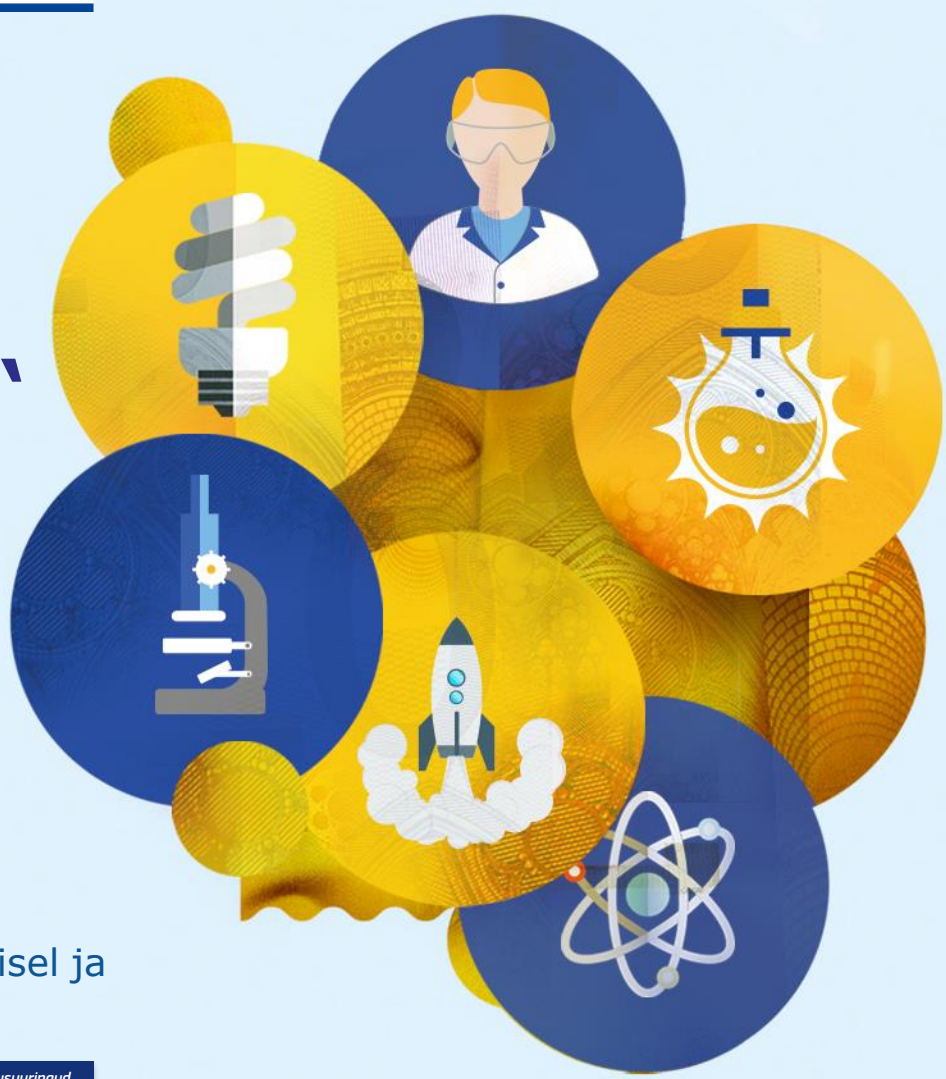
Euroopa Komisjon

Programm „Euroopa horisont“

ELi JÄRGMINE TEADUS- JA INNOVATSIOONIINVESTEERINGUTE PROGRAMM (2021–2027)

#HorizonEU



Põhineb komisjoni ettepanekul programmi „Euroopa horisont“ kohta, samuti kaasseadusandjate vahelisel ühisel arusaamisel ja osalisel üldisel lähenemisviisil, mis mõlemad kiideti heaks aprillis 2019

This presentation is for information only and doesn't necessarily represent the position of the European Commission. Please consult the official documents and follow the inter-institutional negotiations.

Teadusuuringud ja innovatsioon

Meie visioon

Euroopa väärtustel põhinev jätkusuutlik, õiglane ja **jõukas** tulevik **inimestele** ja **planeedile**

- **Kliimamuutustega** võitlemine (35% eelarve-eesmärgist)
- **Kestliku arengu eesmärkide** saavutamine
- Liidu **konkurentsivõime ja majanduskasvu** edendamine

Allikas: https://www.un.org/sustainabledevelopment/sustainable-development-goals/

Euroopa Komisjon

Horizon Europe: Preliminary structure

Pillar 1
Excellent Science

- European Research Council
- Marie Skłodowska-Curie Actions
- Research Infrastructures

Pillar 2
Global Challenges and European Industrial Competitiveness

Clusters
- Health
- Culture, Creativity and Inclusive Society
- Civil Security for Society
- Digital, Industry and Space
- Climate, Energy and Mobility
- Food, Bioeconomy, Natural Resources, Agriculture and Environment

- Joint Research Centre

Pillar 3
Innovative Europe

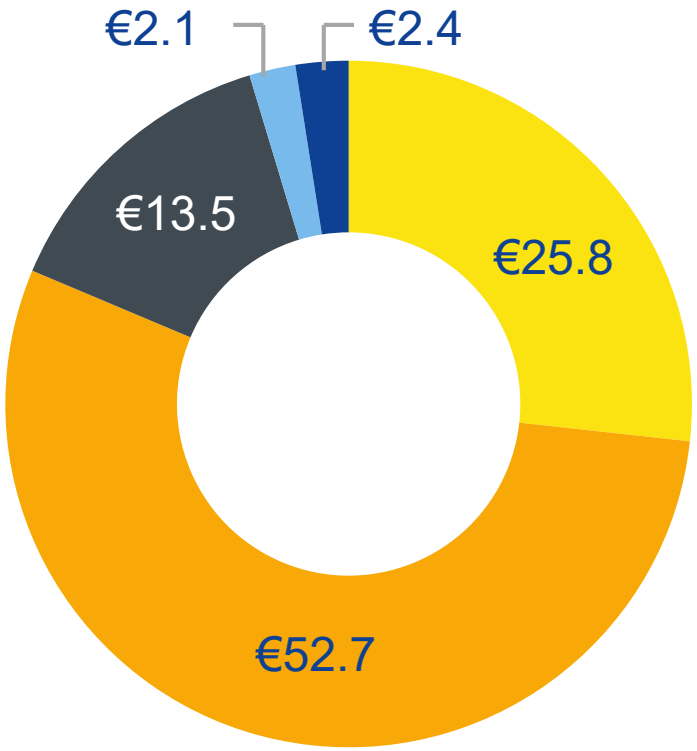
- European Innovation Council
- European innovation ecosystems
- European Institute of Innovation and Technology

Widening Participation and Strengthening the European Research Area

- Widening participation and spreading excellence
- Reforming and Enhancing the European R&I system

European Commission

Komisjoni ettepanek eelarve kohta: 100 miljardit eurot* (2021–2027)



Miljardit eurot, jooksevhindades

- Tipptasemel teadus
- Üleilmsed probleemid ja Euroopa tööstuse konkurentsivõime
- Innovatiivne Euroopa
- Osalemise laiendamine ja Euroopa teadusruum
- Euratom

* See rahastamispakett hõlmab InvestEU fondist eraldatud 3,5 miljardit eurot.

Euroopa Komisjon

European Parliament and Council reached a common understanding on Horizon Europe on 19 March 2019

- Budget, synergies and third country association still pending, depending on the overall MFF negotiations

- Commission has started preparations for the implementation of Horizon Europe

European Commission

Programm „Euroopa horisont“ – kesksed elemendid

European Commission

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 Commission

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, pro-active 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)

European Commission

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)

European Commission

1st Mazzucato report (2018)

https://ec.europa.eu/info/sites/info/files/mazzucato_report_2018.pdf

R&I missions should:

- Be bold and inspirational, with wide societal relevance;
- Indicate a clear direction: targeted, measurable and time-bound;
- Be ambitious but realistic research and innovation actions;
- Spark innovation across disciplines, sectors and actors;
- Be based on a bottom-up approach of multiple solutions

European Commission

2nd Mazzucato report (2019)

https://ec.europa.eu/info/sites/info/files/research_and_innovation/contact/documents/ec_rtd_mazzucato-report-issue2_072019.pdf

Implementation of missions:

- Engage citizens in co-designing, co-creating, co-implementing and co-assessing missions
- Innovation in public sector capabilities
- Mission-oriented finance and funding to leverage and crowd-in other forms of finance

European Commission

Mission areas

Adaptation to climate change, including societal transformation

Healthy oceans, seas, coastal and inland waters

Cancer

Climate-neutral and smart cities

Soil health and food

European Commission

Chairs of the Mission Boards

Adaptation to Climate Change including Societal Transformation:

Ms Connie Hedegaard

(EE member: Ann Runnel)

Cancer:

Prof Walter Ricciardi

(EE member: Andres Metspalu)

Healthy Oceans, Seas, Coastal and inland Waters:

Mr Pascal Lamy

Climate-Neutral and Smart Cities:

Ms Hanna Gronkiewicz-Waltz

(EE member: Anne Sulling)

Soil health and Food:

Mr Cees Veerman

European Commission

Steps towards Horizon Europe Missions

Summer 2019	**Establishment of Mission Boards** **Start of exchanges with Member States** **Research & Innovation Days 24 – 26 September**
Autumn-winter 2019/2020	**Extensive exchanges with the European Parliament** **Identification of missions based on advice from the Mission Boards**
2020	**Extensive programme of citizens engagement** **Drafting first Horizon Europe Work Programme for missions identified in Strategic Plan**
2021	**Start of Horizon Europe**

European Commission

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

European Commission

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.)

Open Science across the programme

Open Science

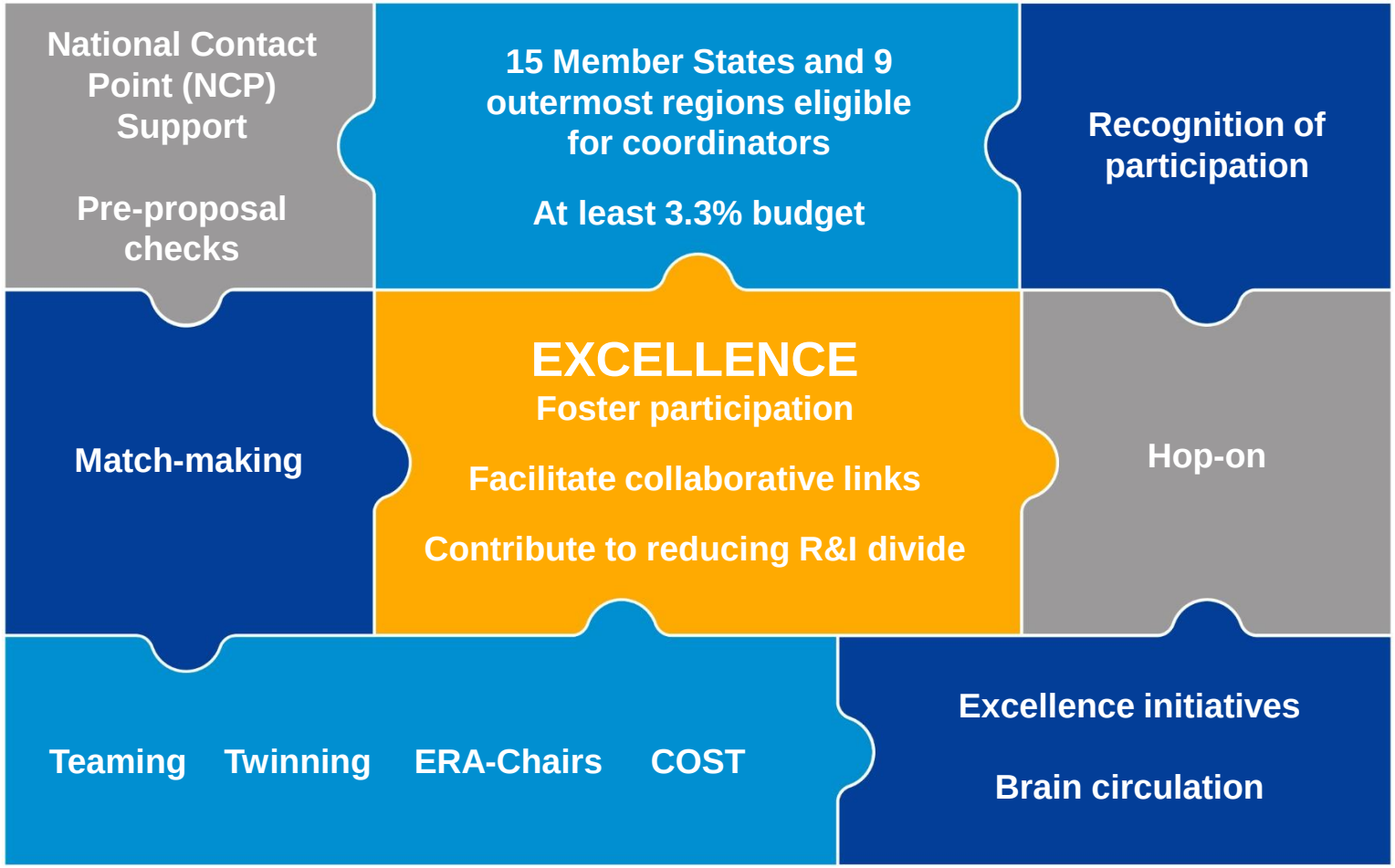
Better dissemination and exploitation of R&I results and support to active engagement of society

Mandatory Open Access to publications: beneficiaries shall ensure that they or the authors retain sufficient intellectual property rights to comply with open access requirements

Open Access to research data ensured: in line with the principle "as open as possible, as closed as necessary"; Mandatory Data Management Plan for FAIR (Findable, Accessible, Interoperable, Re-usable) and Open Research Data

- Support to researcher skills and reward systems for open science
- Use of European Open Science Cloud

Widening participation/spreading excellence



European Commission

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

Commission proposal for synergies with other Union programmes

Horizon Europe

Other Union Programmes, including

- Common Agricultural Policy
- LIFE
- Erasmus
- Innovation Fund
- Connecting Europe Facility
- ERDF
- External Instrument
- Internal Security Fund
- ESF+
- Maritime & Fisheries Fund
- Digital Europe
- Single Market Programme
- InvestEU
- Space Programme

Enhanced synergies

Compatibility

Harmonisation of funding rules; flexible co-funding schemes;
pooling resources at EU level

Coherence and complementarity

Alignment of strategic priorities in support of a common vision

European Commission

Horizon Europe – implementation, prioritisation and impact

European Commission

Strategic Planning

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

European Commission

Steps towards the first Horizon Europe work programme

Summer 2019

Early involvement and exchanges with Member States, consultation with stakeholders and the public at large
Establishment of Mission Boards

Autumn-winter 2019/2020

Co-creation at Research & Innovation Days 24 – 26 September.
Extensive exchanges with the new European Parliament.
Establishment of new Commission - envisaged endorsement of Strategic Plan

2020

Drafting of first Horizon Europe Work Programme on the basis of the Strategic Plan

2021

Start of Horizon Europe

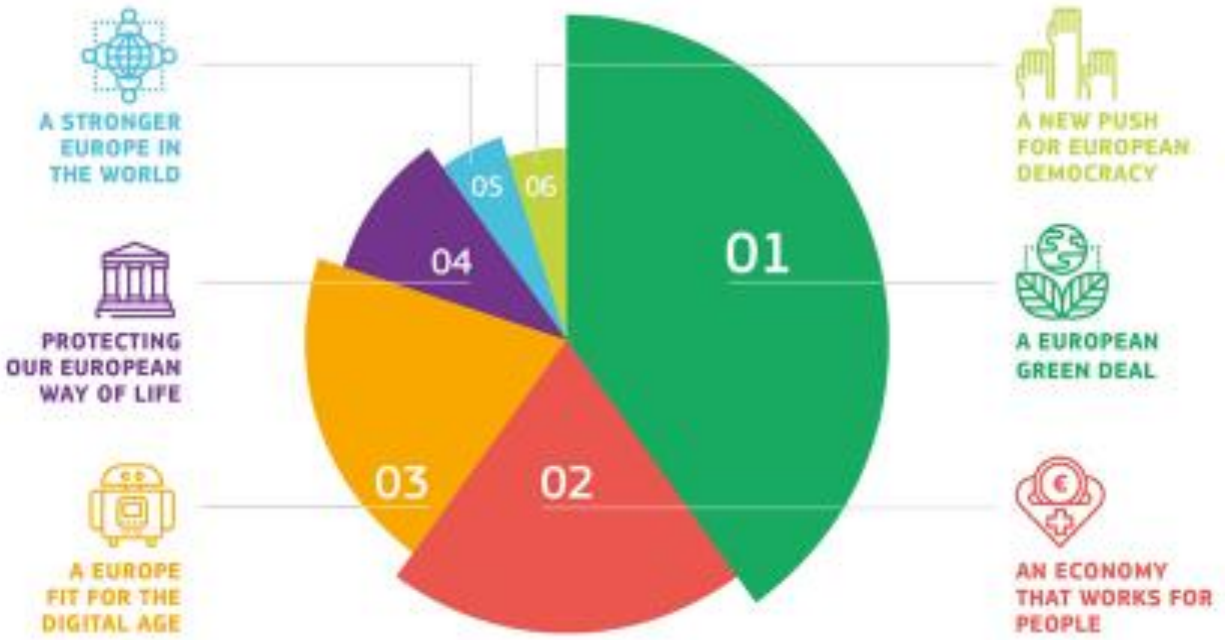
European Commission

Report on the co-design activities

- Main messages of the web phase consultation held between 28 June and 4 October, with **6806 respondents**;
- Main discussions of the co-design activities (co-design sessions and the village) during the Research and Innovation Days between 24 September and 26 September, with more than **3800 visitors**.

- **Objectives of the report**:
  - Providing information to any interested reader (R&I stakeholder, decision maker, citizen) ;
  - Substantiating the revision of the Orientations to the stakeholders involved in the co-design activities.

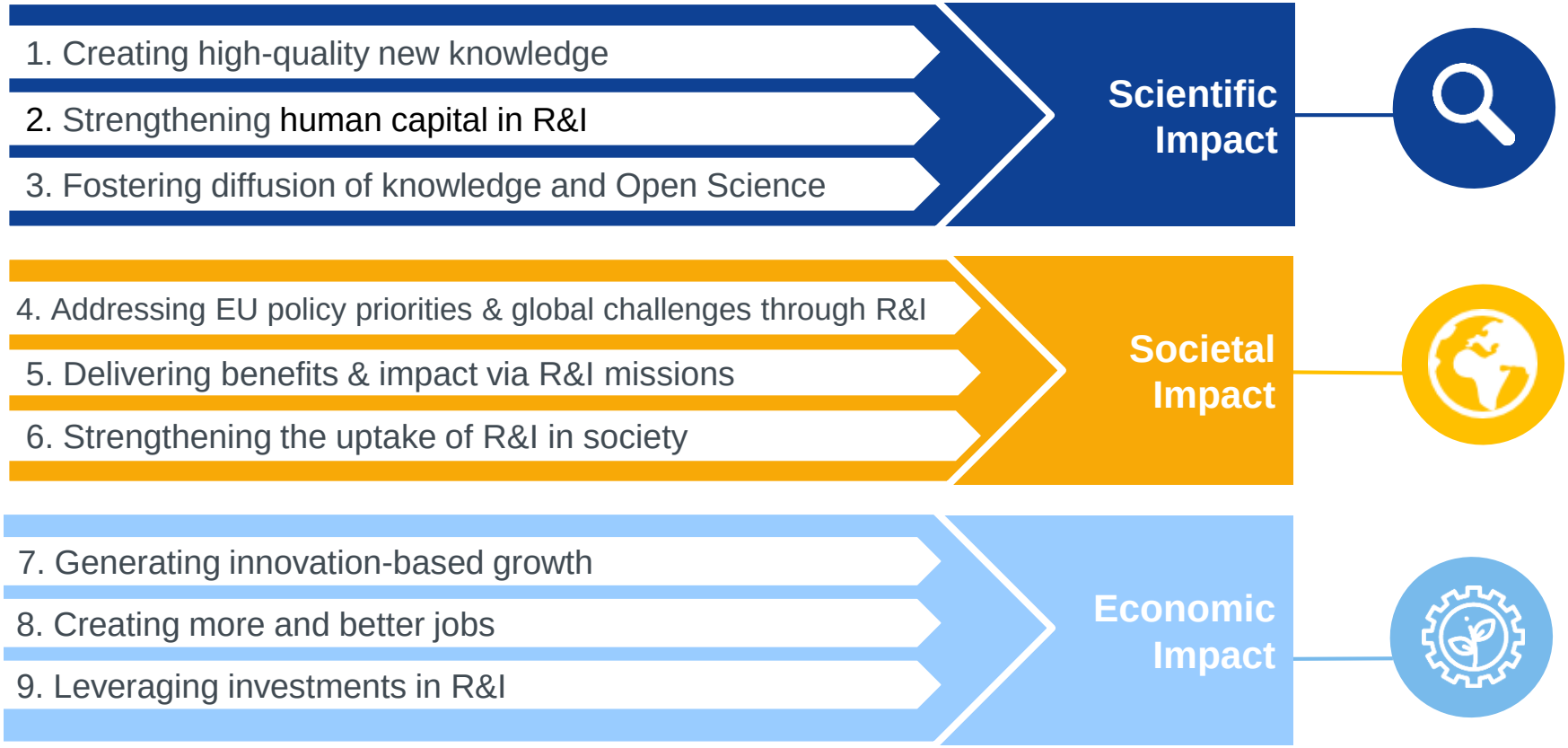
Distribution of Horizon Europe impacts supporting the Political Guidelines



* Preliminary, as described in the General orientations towards first Strategic Plan implementing Horizon Europe

European Commission

Key impact pathways to track progress



European Commission

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

Full analysis of the entire project life cycle

- Submission & evaluation
- Model Grant Agreement
- Dissemination & exploitation
- Reporting & data collection (also for impact pathways)
- Audits
- Extended use of simplified costs
- Delegation & collaboration with Executive Agencies
- Partnerships
- Synergies

Model Grant Agreement preparation

Consultation with external stakeholders/MS expert group

Internal consultation

October 2018 → **2019**

European Commission

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 (analysis ongoing)
  - **Member States experts group** meetings on **Model Grant Agreement** in July and November

Co-design exercise on Horizon Europe Implementation Strategy

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

European Commission

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

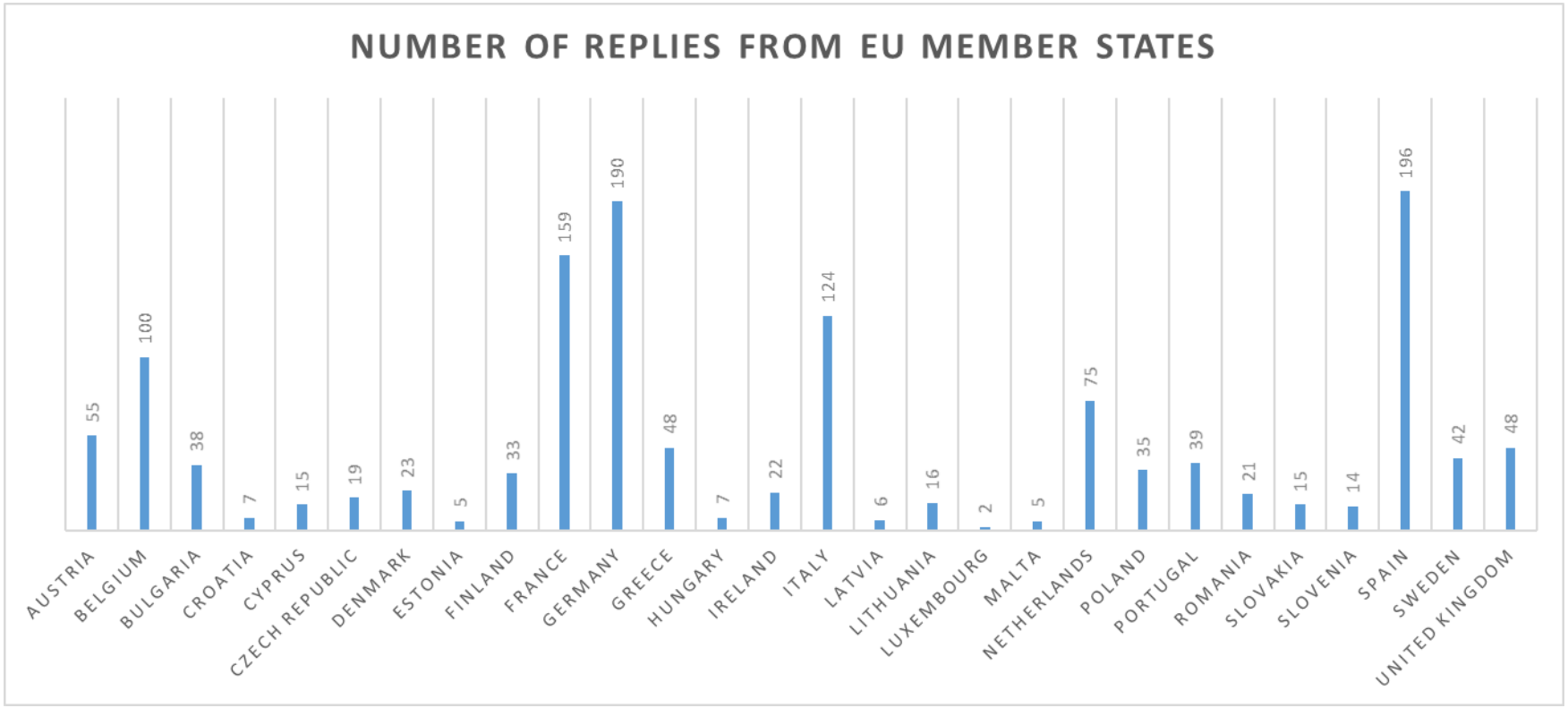
- **Work programme**: feedback underlines convenience to move towards less prescriptive topics and less complex calls.
- **Submission process**: respondents consider substantial margin for simplification, suggest shortening the proposals, simplifying the templates and removing non-core R&I parts.
- **Evaluation**: 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**: respondents would like to be allowed to use their own accounting practices and request a more transparent audit process and a stronger link of CFS to 2nd level audit.

Number of replies to online consultation



- 1549 replies, 5 replies from Estonia

European Commission

Replies to online consultation

Breakdown by category

- **Type of organisations represented:**
  - 41% universities and research organisations
  - 35% business and industries
  - 10% public authorities, 6% NGOs, 2% international organisations, 12% other
- **Interest in the Framework Programme:**
  - 77% are currently participating in a project funded by a EU R&I framework programme
  - 15% have participated/submitted a proposal before
  - 8% have not participated before but are interested in the programme

European Commission

European Partnerships

#HorizonEU

Research and Innovation

New approach to partnerships: why?

Impact Assessment annex 8-5

- Need to **rationalise** the European R&I partnerships landscape
- Need to improve the **openness** and transparency of R&I partnerships
- Need to **link** the R&I partnerships to future EU R&I missions and/or strategic priorities

New approach to partnerships: why?

Impact Assessment annex 8-5 – current partnership landscape

Partnership approaches	Public-public partnerships (P2P)	Public-private partnerships (PPP)	EIT-KICs*	FET Flagships**
Implementation modes	ERA-NET-Cofund, EJP Cofund, Article 185, Joint Programming Initiative (JPI)	Contractual Arrangement (cPPP) Article 187	H2020 Grant agreements for different types of actions Framework Partnership Agreements (FPA)	
Currently active R&I Partnerships (Horizon 2020)	a) ERA-NETs: ~70 b) EJP Cofund: 5 c) Article 185: 6 d) JPIs***: 10	a) JUs: 7 (+HPC) b) cPPPs: 10	a) KICs: 6 (+ 2 until 2020)	a) FET-Flagships: 2 (+Quantum)
Financial contribution from H2020, estimated)	**2.500 M€** (3,1% of H2020 budget)	**13.450 M€** (17,5% of H2020 budget)	**2.400 M€** (3,1% of H2020 budget)	**1.000 M€** (1,3% of H2020 budget)

***EIT-KICs: Knowledge and Innovation Communities (KICs) of the European Institute for Innovation and Technology (EIT)**
****FET-Flagships: Flagships of the Future and Emerging Technologies programme (FET)**
***** JPIs: Joint Programming Initiatives are no EU level instruments but included here as they receive EU support via ERA-NETs and/or CSAs**

European Commission

European Partnerships: what is new?

- Only support partnerships if there is evidence that they are **more effectively** achieving policy objectives than Horizon Europe alone
- **Fewer** partnerships with **higher** impacts
- Common and coherent **framework** of criteria along the life cycle of partnerships, across all pillars, even across programmes and other regulations (e.g. EIT, DEP, space)
- Unified **umbrella** branding to improve visibility
- Increase **openness** and encourage a **broader set of actors** to participate
- Improve **coherence** between partnerships and Horizon Europe, also the missions
- **Time limited** with conditions for phasing-out the Programme funding

European Partnerships and strategic planning

- Candidates for European Partnerships have been identified as part of the strategic planning;
- Ares for possible institutionalised Partnerships based on Article 185/7 have been identified in the Annex Va of the Regulation;
- The Project Team of Commissioners for Innovation and Competitiveness endorsed in March 2019 the next steps of preparation (start of IA work, engagement with stakeholders, based on the criteria of Horizon Europe);
- Work within and across clusters resulted in a consolidated portfolio of **44** candidates for European partnerships;
- For each partnership candidate services have prepared a **fiche** that builds the basis for the next steps of preparation;
- Structured consultation of Member States (June-October 2019 in the 'shadow' Strategic Configuration of the Horizon Europe Programme Committee): *To gather early input on the portfolio and all individual partnership candidates, ensuring transparent and evidence-based selection of partnerships.*
- List of **48** partnership candidates is part of the Orientation towards the Strategic R&I plan (Annex 7).

European Commission

Portfolio of candidates for European Partnerships (48)

HEALTH

EU-Africa Global Health

Innovative Health Initiative

Chemicals Risk Assessment

Fostering an ERA for Health research

Large-scale innovation and transformation of health systems in a digital and ageing society

Personalised Medicine

Rare Diseases

One Health AMR

DIGITAL, INDUSTRY AND SPACE

High Performance Computing

Key Digital Technologies

Smart Networks and Services

AI, data and robotics

Photonics Europe

Clean Steel - Low Carbon Steelmaking

European Metrology

Made in Europe

Carbon Neutral and Circular Industry

Global competitive space systems

European Geological Service

PILLAR III AND CROSS-PILLAR

EIT Climate KIC

EIT Health

EIT Manufacturing

EIT Food

EIT InnoEnergy

EIT Manufacturing

EIT Raw Materials

EIT Digital

EIT Urban Mobility

Innovative SMEs

European Open Science Cloud (EOSC)

CLIMATE, ENERGY AND MOBILITY

Transforming Europe's rail system

Integrated Air Traffic Management

Clean Aviation

Clean Hydrogen

Built environment and construction

Towards zero-emission road transport

Mobility and Safety for Automated Road Transport

Batteries

Clean Energy Transition

Sustainable, Smart and Inclusive Cities and Communities

Smart and zero-emission waterborne transport

FOOD, BIOECONOMY, NATURAL RESOURCES, AGRICULTURE AND ENVIRONMENT

Accelerating farming systems transition

Animal health: Fighting infectious diseases

Environmental Observations for a sustainable EU agriculture

Rescuing biodiversity to safeguard life on Earth

A climate neutral, sustainable and productive Blue Economy

Safe and Sustainable Food System for People, Planet & Climate

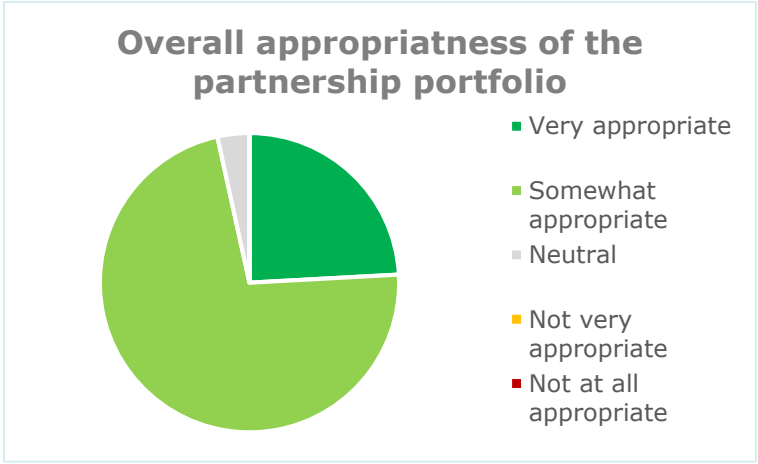
Circular bio-based Europe

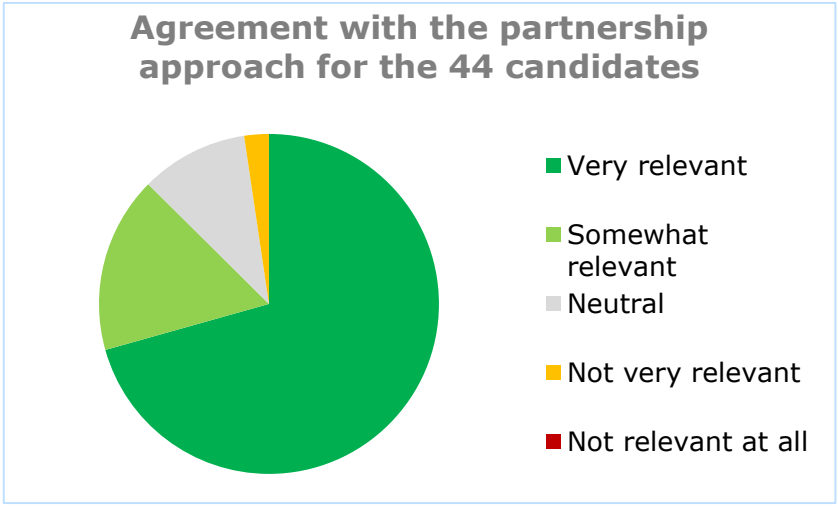
Water4All: Water security for the planet

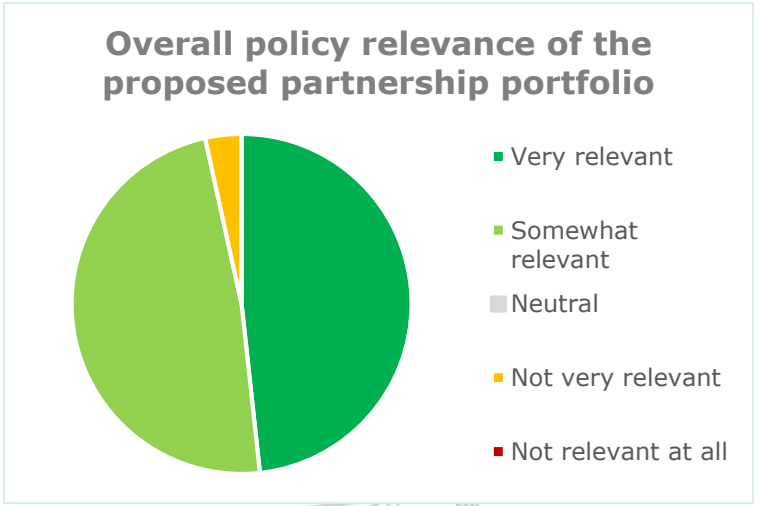
European Commission

Positive aspects of the proposed portfolio from MS consultation

- Appropriate portfolio to deliver clear impacts for the EU and its citizens;
- Considered to be highly relevant for national and EU policies;
- Strong agreement with the relevance of a partnership approach for the 44 candidates proposed.







European Commission

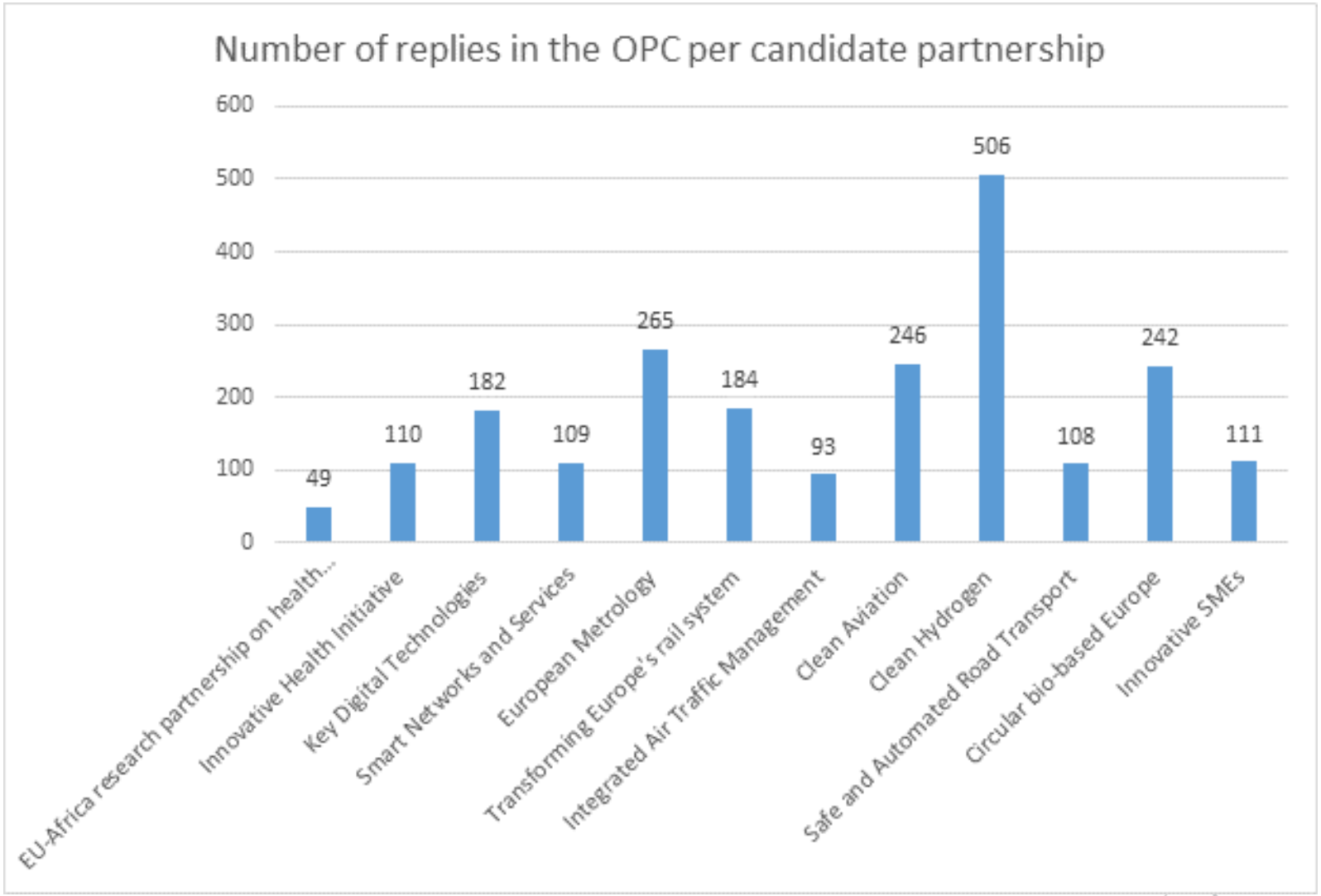
Critical issues in general raised during MS consultation

- Strong criticism on the **absence of partnerships** in the clusters "Culture, creativity and inclusive society" and "Civil Security for Society";
- Critical view on the high number and openness of **Joint Undertakings**;
- Many countries **miss a systemic approach to developing mobility** and addressing related challenges, due to mode specific approach;
- **Some proposals are more mature than others**
- **Societal dimension** needs to be better articulated in many partnerships;
- Large number of **additional priorities** (25) proposed by delegations;
- Need to clarify the role **of Member States in industry partnerships**:
  - strong interest to join as partners in industry-led initiatives;
  - How to ensure involvement of Member States (notably in terms of contributions, in the governance, programming)?
  - special interest in testing and deployment activities, in synergy with Cohesion Funds and CEF priorities and investments.

➔ **Detailed comments on each candidate have been analysed and reflected in the further preparation, in particular on objectives, scope and implementation modes;**

➔ **Discuss the role of MS in industry driven partnerships (workshops planned end of November).**

Number of replies for the public consultation on Partnerships (Art 187/185)



European Commission

Practical next steps

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

Indicative timeline for Institutionalised Partnerships (Article 185/7): step by step

1. ***Partnership fiche*** *resulting from strategic planning describes Partnership from COM perspective (confirmed/commented by Member States during consultation);*
2. **Inception Impact Assessment** publication, start of **Impact assessment** work, launch of **Open Public Consultation** (open until 8 November)
3. **Finalisation of Ex-ante Impact Assessment**, submission of drafts to the regulatory scrutiny board (indicative submission date: 5/2/2020, hearings from 4/3 to 25/3)
4. In parallel: **Partnership proposal** is further developed together with partners, based on common guidance/template;
5. Drafting of **COM proposals** for Article 185/7 initiatives
6. **Commitments from Partners**, finalisation of Strategic Research and Innovation agenda/roadmap
7. Agreement on **budgetary provisions** for the partnerships in the portfolio
8. **Commission adopts proposal** for Article 185/7 initiatives
9. **Negotiation in Council (and European Parliament),** in parallel: preparatory work (MGAs, preparation of first Annual Work Programme …)
10. **Adoption of basic act**
11. **Launch of the European Partnership**, preparation and launch of implementation structure, subsequent launch of activities, including calls for proposals

Co-funded Partnerships: step by step

1. ***Partnership fiche*** *resulting from strategic planning describes Partnership from COM perspective (confirmed/commented by Member States during consultation);*
2. **Partnership proposal** is further developed together with partners (Member States), based on common guidance/template;
3. **Strategic R&I Plan** includes the Partnership in the list of co-programmed/co-funded European Partnerships [New Commission];
4. Agreement on **budgetary provisions** for the partnerships in the portfolio
5. **Call topic** for the respective work programme Horizon Europe is prepared and discussed with the Programme Committee
6. In parallel:
   - further work of the partners to **prepare the programme** and
   - develop the **Strategic Research and Innovation agenda/roadmap**
7. **Adoption of the work programme** (comitology) and publication of the call
8. **Submission of a proposal** for a co-fund action, evaluation, GA preparation
9. **Launch of the European Partnership**, preparation and launch of activities, including e.g. calls for proposals

Practical next steps
Proposal guidance and template

1 General information

1.1 Draft title of the European Partnerships
1.2 Lead entity (main contact)
1.3 Commission services (main contact)
1.4 Summary

2 Context, objectives, expected impacts

2.1 Context and problem definition
2.2 Common vision, objectives and expected impacts
2.3 Necessity for a European Partnership
2.4 Partner composition

3 Planned Implementation

3.1 Activities
3.2 Resources
3.3 Governance
3.4 Openness and transparency

European Commission

Member State support and commitments

Article 185/187 initiatives with Member State participation:

➔ National commitments (typically from national ministries) before COM proposal is adopted

Co-programmed European Partnership with Member States:

➔ National commitments (typically from national ministries) at the moment of concluding the "Contractual arrangements /MoUs" and adopting Annual Work Programme Horizon Europe

Co-funded European Partnership :

➔ Indicative national commitments (typically from national ministries) at the moment of including the topic for the Programme-co-fund action supporting the Partnerships in the draft Annual Work Programme Horizon Europe

➔ Confirmation of commitments with the submission of the proposal

Open Issues

- Remaining negotiations on Horizon Europe (synergies with cohesion funds, state aid)
- Union contribution/budget for partnerships (MFF, Horizon Europe, capping in pillar 2)
- Financial and in-kind contributions from partners (Article 185/7)
- Central management of financial contributions and justification for any exception (Article 185/7)
- Model basic act for Article 187 initiatives
- Practical solutions to ensure of complete data on proposals, projects, results in eCORDA
- European Partnerships addressing different partner configurations
- Member States participation and contribution in industry-driven initiatives (3 WS with MS at the end of November)
- Co-programmed partnerships: Template for contractual arrangements/MoUs, Contributions/commitments from partners
- Details on programme co-fund actions (MGA)

European Partnerships: forms of implementation

European Commission

European Partnerships: forms of implementation (I)

	Co-Programmed	Co-Funded	Institutionalised
Partners (other than the Union)	Suited to partnerships with private and/or public partners, including foundations and international partners	Suited to partnerships involving public authorities, with research funders (or governmental research organisations) and other public authorities at the core of the consortium. Possibility to include foundations and international partners etc.	Article 185: Member States Article 187: private and/or public partners, including Participating States, foundations and international partners EIT-KICs: 'partner organisation' may include private and public partners
Establishment	Based on memoranda of understanding and/or contractual arrangements between the Commission and the partners	Based on a Grant Agreement between the Commission and the consortium of partners, resulting from a call for proposals for a programme co-fund action in the Work Programme of Horizon Europe	Article 185: Decision by Council and European Parliament Article 187: Decision by Council *(and EP)* EIT-KICs: Framework partnership agreements and grant agreements between the EIT and the KIC, resulting from a call for proposals under the EIT

European Partnerships: forms of implementation (II)

	Co-Programmed	Co-Funded	Institutionalised
Main characteristics	Commitments are not legally binding, but political/ best efforts Allows more flexibility during implementation (to evolve composition of partners, objectives, activities) Best suited to partnerships addressing broader communities, medium term priorities, and where there is a need for flexibility Commission: approves priorities (calls) that are implemented with Union contributions (comitology)	Commitments are ensured through the Grant Agreement Allows more flexibility during implementation (to evolve composition of partners, objectives, activities) Best suited to partnerships that rely on pooling national programmes and policies with Union policies and investments Commission approves annual work programme of the consortium, covering all activities and resources	Legally binding commitments Limited flexibility (as it is difficult to change core objectives, partners, commitments, which require amending legislation) Best suited to partnerships addressing long term challenges and priorities that tend to go beyond a single MFF, stable partners and substantial commitments for contributions from all partners that other forms of partnerships would not allow Article 185/7: Commission approves annual work programme of the initiative, covering all activities and resources EIT-KICs: EIT approves activities and resources of the KICs

European Partnerships: forms of implementation (III)

	Co-Programmed	Co-Funded	Institutionalised
Effort for preparation, setting-up, and implementation	Relatively low effort for the setup and implementation compared to the other forms of European Partnerships	Moderate effort for their set-up and implementation compared to institutionalised European Partnerships	High effort for their preparation and set-up, including the establishment of dedicated entities for their implementation
Union contribution	Implemented in calls for proposals published in the Work Programme Horizon Europe (comitology procedure)	Implemented by the consortium of partners in activities under their responsibility, including calls for proposals	Article 185/7: managed and implemented by structures created for their implementation EIT-KICs: implemented by the consortium of partners in activities under their responsibility
Partners contributions and their management	In-kind and/or financial contributions agreed in the work plan. Typically only in-kind contributions from private partners	In-kind and/or financial contributions Financial contributions from Member States are typically used for calls for transnational projects	Article 185: financial contributions and, if relevant in-kind contributions Article 187: financial but typically mainly in-kind contributions EIT-KICs: In-kind and/or financial contributions

European Partnerships: forms of implementation (IV)

	Co-Programmed	Co-Funded	Institutionalised
Common characteristics	All partnerships have to fully comply with the criteria, including phasing out of FP funding: ▪ All partnerships allow synergies with other EU funding programmes ▪ The Commission is committed to provide equal support and political visibility to all European partnerships ▪ Their implementation is based on annual work programmes or equivalents		

European Commission

Co-funded European Partnerships

- Most relevant current types of actions: EJP Cofund, ERA-NET Cofund;
- Broad range of activities that can be implemented;
- Funding rate: 30%, in justified cases up to 70%
  Consideration can be e.g.:
  - Main element financial support to third parties: lower reimbursement rate;
  - Main element activities directly implemented by beneficiaries: higher reimbursement rate;
- Based on a grant agreement, 5-7 years duration;
- Implementation based on annual work plans;
- Core of partners: programme owners/managers, others in addition;
- Important: define for each co-funded ex-ante what types of partners are needed to form the partnerships (consortium), and which ones will be addressed/ involved by the activities implemented (third parties).

Programme co-fund action

"programme co-funding action' means an action to provide **multi-annual co-funding** to a programme of activities established and/or implemented by **entities managing and/or funding research and innovation programmes**, other than Union funding bodies. Such a programme of activities may support networking and coordination, research, innovation, pilot actions, and innovation and market deployment actions, training and mobility actions, awareness raising and communication, dissemination and exploitation, any relevant financial support, such as grants, prizes, procurement, as well as Horizon Europe blended finance or a combination thereof. **The programme co-fund action may be implemented by those entities directly or by third parties on their behalf**."

Co-programmed European Partnerships

- Most relevant current types of actions: Contractual PPPs;
- Based on a roadmap / Strategic Research and Innovation Agenda, agreed with the Commission Services;
  ➔ need to be specific about objectives, expected impacts and milestones
- Partners implement their commitments (activities/contributions, investments) under their responsibility;
- Union contribution is implemented via the Horizon Europe Work programmes (comitology);
- Partners provide input on the drafting of the respective parts of the Work programme;
- Templates for contractual arrangement / memoranda of understanding will need to be developed.

European partnerships: provisions

Regulation

- Recitals 16 and 17
- Definition 3
- Article 8
  - typology
  - conditions
- Annex III: Partnerships, with criteria for
  - Selection
  - Implementation
  - Monitoring
  - Evaluation, phasing-out and renewal
- Annex Ia: areas for possible institutionalised European Partnerships (based on Article 187 and 185 TFEU)

Horizon Europe documents:

Common understanding on the Framework Programme

https://data.consilium.europa.eu/doc/document/ST-7942-2019-INIT/en/pdf

Corrigendum on Annex III :

https://data.consilium.europa.eu/doc/document/ST-7942-2019-COR-1/en/pdf

PGA on the Specific Programme:

https://data.consilium.europa.eu/doc/document/ST-8550-2019-INIT/en/pdf

Specific Programme

- Article 4a: Identification of co-funded and co-programmed partnerships in the Strategic Plan
- Strategic coordinating process for European Partnerships

Impact assessment: annex 8-5

In addition: Draft Criteria Framework for European Partnerships:

https://www.era-learn.eu/documents/wk-14470-2018-init-en.pdf

Täname Teid!

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

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