



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

Horizon Europe Partnerships

#HorizonEU

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

Renzo Tomellini

- Head of Unit “Horizon Strategic Planning and Programming (Co-creation and Co-design)”

- acting Head of Unit “Missions and Partnerships”

renzo.tomellini@ec.europa.eu



*Research
and
Innovation*

This presentation is based on the Commission Proposal for Horizon Europe, the common understanding between the co-legislators and the Partial General Approach. It does represent an engagement on behalf of the European Commission. Please refer to official documents.

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



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



New approach to European partnerships: overview

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

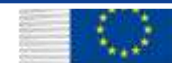
Based on Memoranda of Understanding / contractual arrangements; implemented independently by the partners and by Horizon Europe

Co-funded

Based on a joint programme agreed by partners; commitment of partners for financial and in-kind contributions & financial contribution by Horizon Europe

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

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)
- Allow a **broader set of actors** to participate
- Unified **umbrella** branding to improve visibility
- **Time limited** with conditions for phasing-out the Programme funding
- Improve **coherence** between partnerships and Horizon Europe, also the missions
- Contribute to higher **openness** of Europe's R&I ecosystems

Outcome of inter-institutional negotiations

Main changes compared to COM proposal:

- a) Reduce the minimum participation of MS in Article 185 from 50% to 40%;
- b) Narrow down, for Article 185/7, the scope of financial contributions from partners, their use and the way they are managed;
- c) Ensure access to data on proposals, projects and evaluations for all partnerships, in a common IT tool;
- d) Introduce a capping of budgets for all partnerships in pillar II (majority of budgets implemented with action outside partnerships);

Areas for institutionalised partnerships (Article 185/187) defined in an Annex to the FP regulation.

Possible proposals for institutionalised Partnerships based on Article 185 / 187

Partnership area (Annex Va of the Regulation)	Possible proposals
Partnership Area 1: Faster development and safer use of health innovations for European patients, and global health	<ul style="list-style-type: none"> ▪ EU-Africa research partnership on health security to tackle infectious diseases ▪ Innovative Health Initiative
Partnership Area 2: Advancing key digital and enabling technologies and their use, including but not limited to novel technologies such as Artificial Intelligence, photonics and quantum technologies	<ul style="list-style-type: none"> ▪ Key Digital Technologies ▪ Smart Networks and Services ▪ EuroHPC (no Impact Assessment)
Partnership Area 3: European leadership in Metrology including an integrated Metrology system	<ul style="list-style-type: none"> ▪ European Metrology
Partnership Area 4: Accelerate competitiveness, safety and environmental performance of EU air traffic, aviation, transport and rail	<ul style="list-style-type: none"> ▪ Transforming Europe's rail system ▪ Integrated Air Traffic Management ▪ Clean Aviation
Partnership Area 5: Sustainable, inclusive and circular bio-based solutions	<ul style="list-style-type: none"> ▪ Circular bio-based Europe: sustainable innovation for new local value from waste and biomass
Partnership Area 6: Hydrogen and sustainable energy storage technologies with lower environmental footprint and less energy-intensive production	<ul style="list-style-type: none"> ▪ Clean Hydrogen
Partnership Area 7: Clean, connected, cooperative, autonomous and automated solutions for future mobility demands of people and goods	<ul style="list-style-type: none"> ▪ Safe and Automated Road Transport
Partnership Area 8: Innovative and R&D intensive small and medium-sized enterprises	<ul style="list-style-type: none"> ▪ Innovative SMEs

Timeline and process for the preparation of partnerships

3 May – 27 June:	Structured consultation of Member States (as part of strategic coordinating process)
July:	Publication of draft Inception Impact Assessments and start of the Impact Assessment work for Art 187/185. Start of preparation work for all partnerships.
Early August:	Open Public Consultation on future European: Partnerships based on Article 185/187 (12 weeks)
24-26 September:	R&I Days (policy discussion and validation with stakeholders, covers all European Partnerships)
End of 2019:	Submission of Impact Assessment drafts to Regulatory Scrutiny Board
Early 2020:	Adoption of Commission proposals for Article 185/187 initiatives
2021:	Launch of first European Partnerships under Horizon Europe

Context – strategic coordinating process

1.12.2017: Council Conclusions calls on COM and MS to jointly establish a long-term strategic coordinating process

17.05.2018: ERAC recommendations on the requirements for the set-up of a strategic coordinating process, importantly:

*"The strategic coordinating process should function as an **entry point** for setting up new R&I partnerships. It can only be of advisory character providing qualitative input, **without duplicating and circumventing any existing decision making processes at EU and national level**, namely the Commissions' right of initiative, comitology or funding decisions at national level. "*

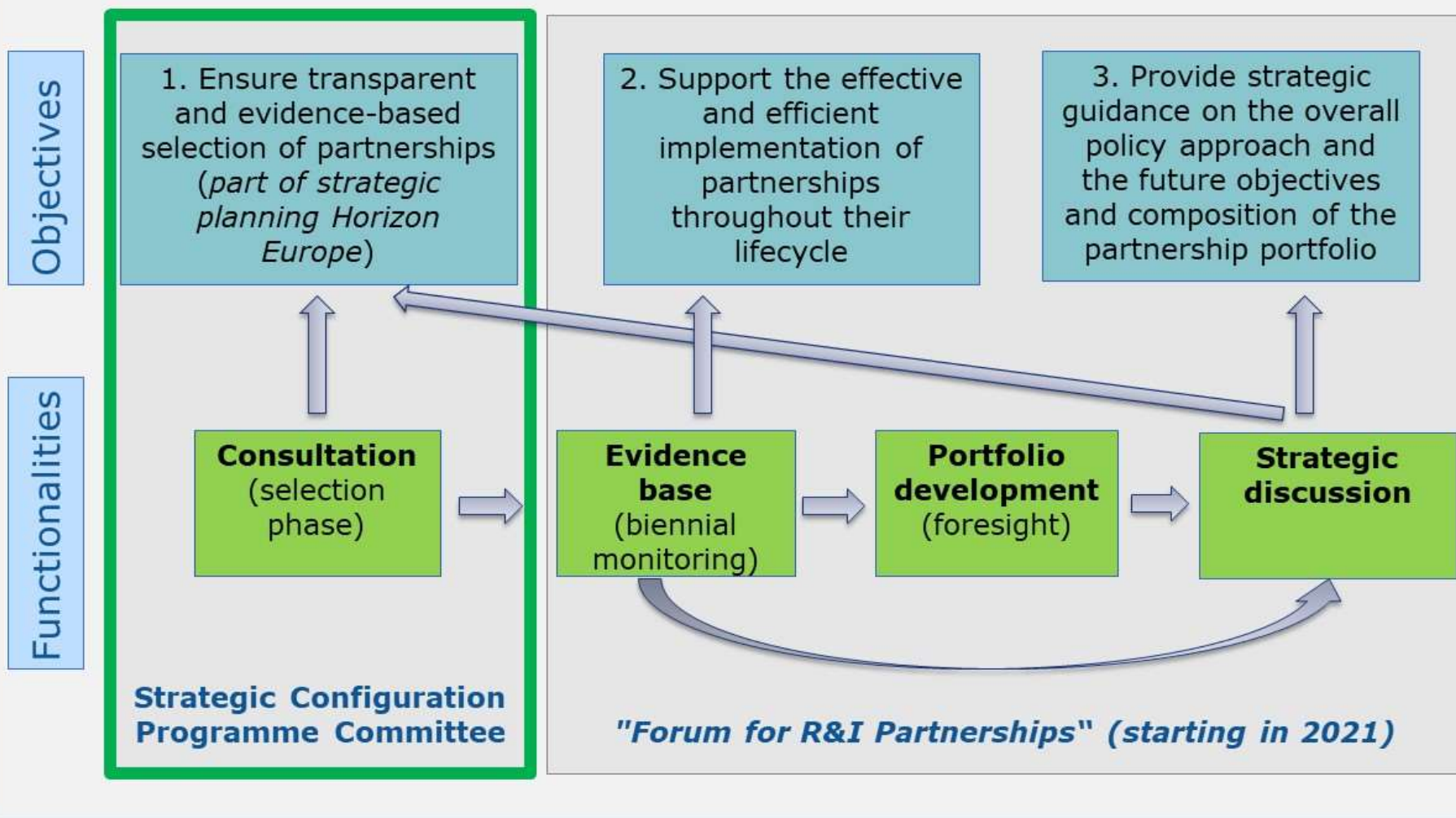
Horizon Europe Regulation (common understanding): general provisions for establishing European Partnerships (recitals, Article 8) and criteria (Annex III) + areas for A187/5 Partnerships (Annex Va)

Specific Programme (PGA): Partnerships and the Strategic Plan (Article 4a):

"The strategic planning process shall be complemented by a strategic coordinating process for European Partnerships, with participation of Member States and the Commission on equal footing. It shall function as an entry point for foresight analysis, analysis and advice on the portfolio development, possible setup, implementation, monitoring and phasing out of R&I partnerships and be guided by a comprehensive criteria framework, based on Annex III of the Horizon Europe Regulation."

Context

Strategic Coordinating Process for R&I Partnerships



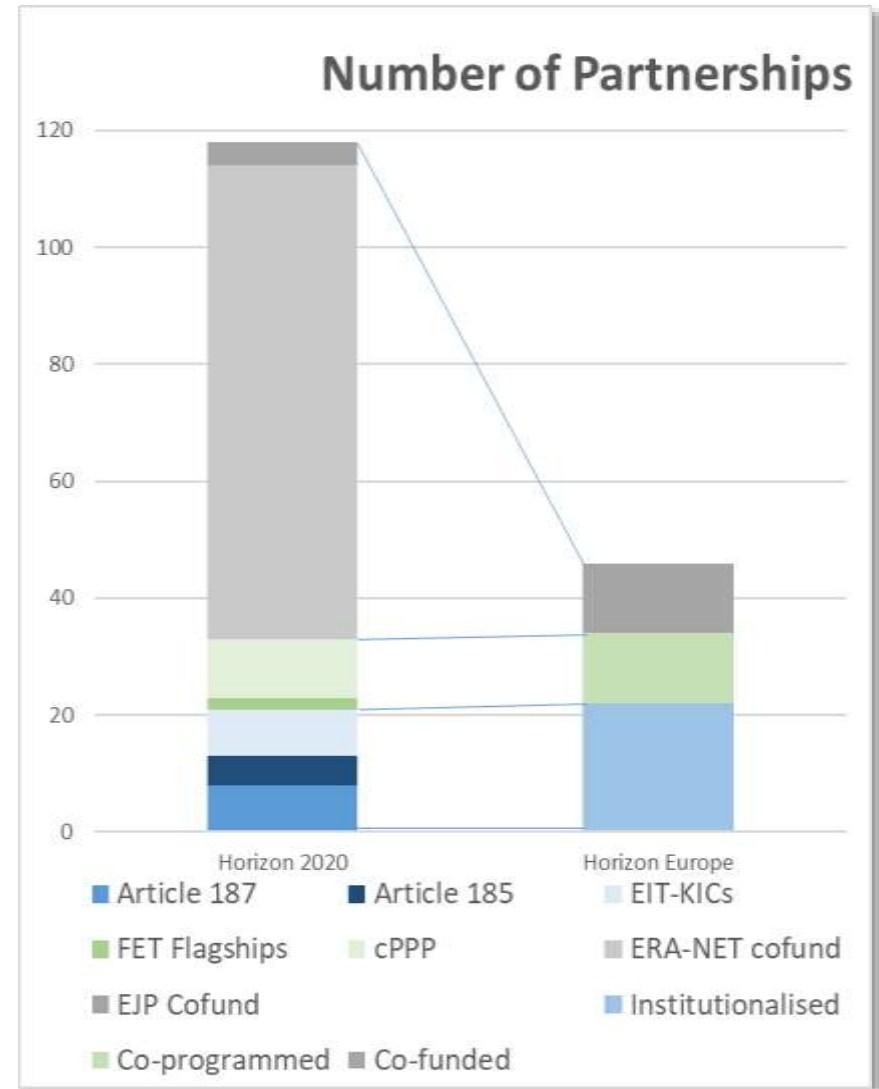
Emerging Partnership portfolio Horizon Europe

Rationalisation and reform achieved so far:

- Reduction from >120 (of all types) to currently 45;
- 6 new topics;
- 28 reformed continuations;
- 11 mergers and reforms;
- 35 partnerships candidates in Pillar II;
- 11 partnership candidates outside pillar II (9 EIT-KICs, SMEs, Open Science Cloud).

EU contributions/budgets:

- To be decided at a later stage following the overall MFF and Horizon Europe budgetary envelopes;
- To be determined once there are agreed objectives, and clear commitments from partners.





EUROPEAN RESEARCH & INNOVATION DAYS

Obrigado !

24→26
SEPTEMBER

20
19

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Research and innovation days, 24 – 26
September 2019