



PERFORMANCE OF EUROPEAN PARTNERSHIPS: Biennial Monitoring Report 2024 on partnerships in Horizon Europe

November 2024

European Partnerships allow the EU to team up with public and private partners to help speed up new solutions for the green and digital transitions and to strengthen Europe's resilience.

The Biennial Monitoring Report (BMR) aims to provide a strong and continuously evolving evidence base to guide the implementation of European Partnerships and to inform strategic discussions on Horizon Europe's new policy approach. It is published biennially.

2024 EDITION

Chapter 1

introduces European Partnerships.

Chapter 2

reviews European Partnerships' progress toward EU policy goals and their monitoring by common indicators, with a detailed focus on additionality, directionality, transparency, openness, coherence, and synergies.

Chapter 3

country level analysis of 27 EU Member States + Iceland, Norway and Turkey.

Chapter 4

European Partnerships analysis of 43 European Partnerships.

- The BMR 2024 looks at Horizon Europe's partnership landscape, providing detailed insights into their effectiveness and progress, and offering a continuous assessment of their implementation and impact.
- The report provides insights into the contribution of European Partnerships to the twin green and digital transitions and resilience.
- This year's edition has a special focus on technological sovereignty and international positioning of European R&I in the context of European Partnerships.

1. The portfolio of 59 European Partnerships as a result of the selection of new partnerships under the Second Strategic plan (2025-2027).

PILLAR II

Global challenges & European industrial competitiveness

PILLAR III

Innovative Europe

CLUSTER 1: Health	CLUSTER 2: Culture, creativity, inclusive societies	CLUSTER 4: Digital, industry and space	CLUSTER 5: Climate, energy and mobility	CLUSTER 6: Food, bioeconomy, natural resources, agriculture and environment	EUROPEAN INNOVATION ECOSYSTEMS
Innovative Health Initiative	Resilient Cultural Heritage*	Chips (formerly KDT)	Clean Hydrogen	Circular Bio-based Europe	Innovative SMEs
Global Health Partnership	Social Transformations and Resilience*	Smart Networks & Services	Clean Aviation	R&I in the Mediterranean Area (PRIMA, Art. 185)**	
Transformation of Health and Care Systems		High Performance Computing	Single European Sky ATM Research 3	Biodiversa+	EIT
Chemicals Risk Assessment		European Metrology (Art. 185)	Europe's Rail	Climate Neutral, Sustainable & Productive Blue Economy	InnoEnergy
ERA for Health		AI-Data-Robotics	Connected, Cooperative and Automated Mobility (CCAM)	Water4All	Climate
Rare Diseases*		Photonics	Batt4EU	Animal Health and Welfare	Digital
One-Health Anti Microbial Resistance*		Made in Europe	Zero-emission waterborne transport	Accelerating Farming Systems Transitions	Food
Personalised Medicine		Clean Steel – Low-Carbon Steelmaking	Zero-emission road transport	Agriculture of Data*	Health
Pandemic Preparedness*		Processes4Planet	Built4People	Safe and Sustainable Food System*	Raw Materials
Brain Health*		Globally Competitive Space Systems*	Solar Photovoltaics*	Forests and Forestry for a sustainable Future*	Manufacturing
		Innovative Materials for EU (I AM for EU)*	Clean Energy Transition		Urban Mobility
		Virtual Worlds*	Driving Urban Transitions		Cultural and Creativity*
		Textiles of the Future*			Water, Marine and Maritime Sectors and Ecosystem*
		Raw Materials for the Green and Digital Transition*			

CROSS-PILLARS I AND II

European Open Science Cloud

■ Institutionalised Partnerships (Art. 185/7)

■ Institutionalised Partnerships / EIT KICs

■ Co-programmed

■ Co-funded

□ Proposed new candidate European Partnerships under the Horizon Europe strategic plan 2025-2027

* Partnership not yet launched

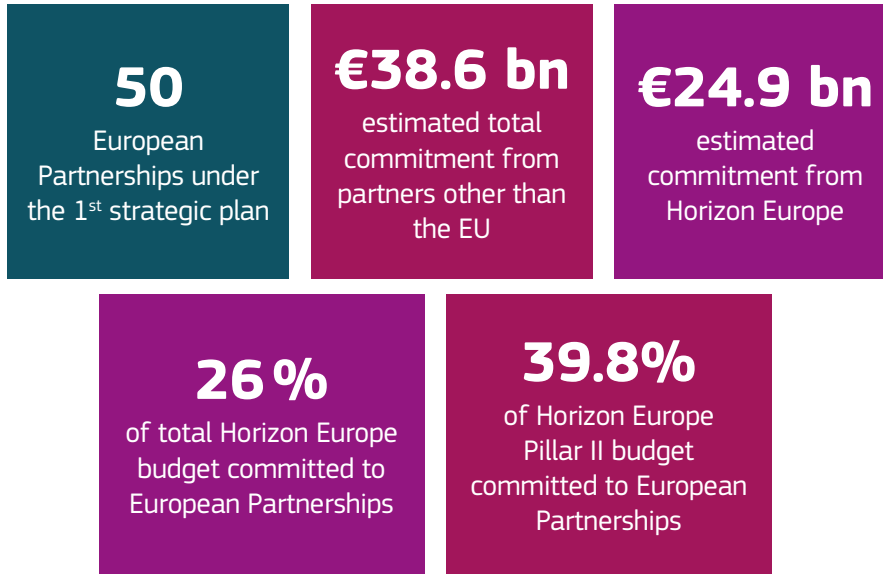
** Direct continuation of a H2020 partnership

The BMR 2024 covers 43 partnerships officially launched at the time of publishing this report.



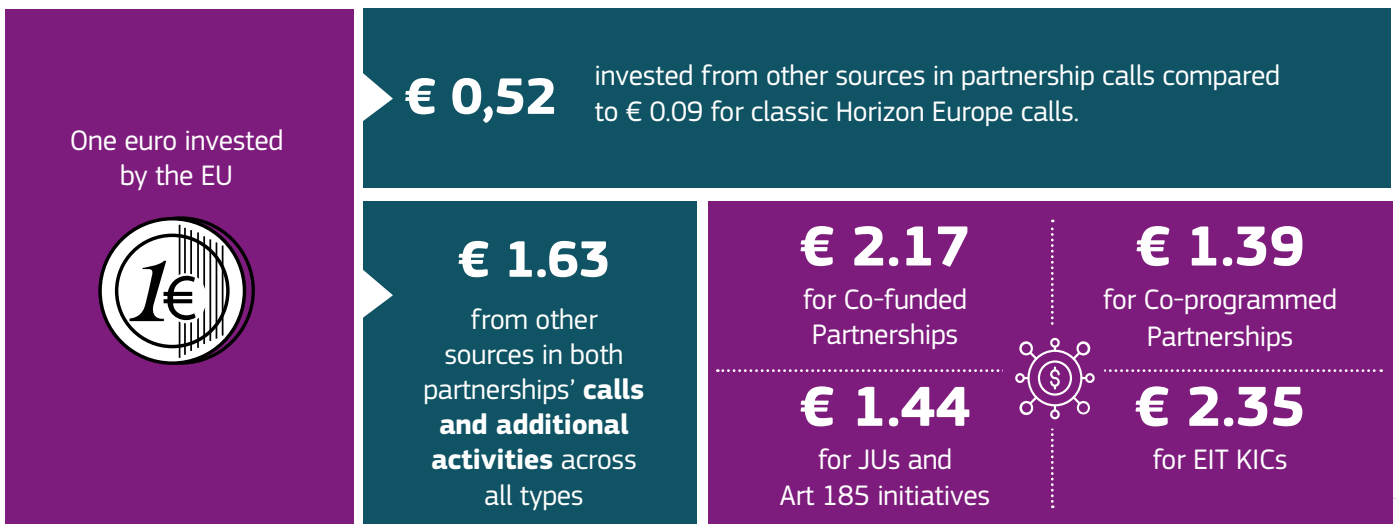
2. Budget commitments to European partnerships

SELECTED KEY FIGURES



3. Leveraging funding with European Partnerships

The additional private and/or public R&I investments in European Partnerships (additionality) generated by the EU contribution can be translated into a **leverage effect** resulting from the Union intervention.



While these figures are to be taken with the necessary caution due to the self-reporting nature of this data, they do **show that European Partnerships use public EU funding to trigger progress towards the objective to raise overall R&D investment to 3% of GDP.**



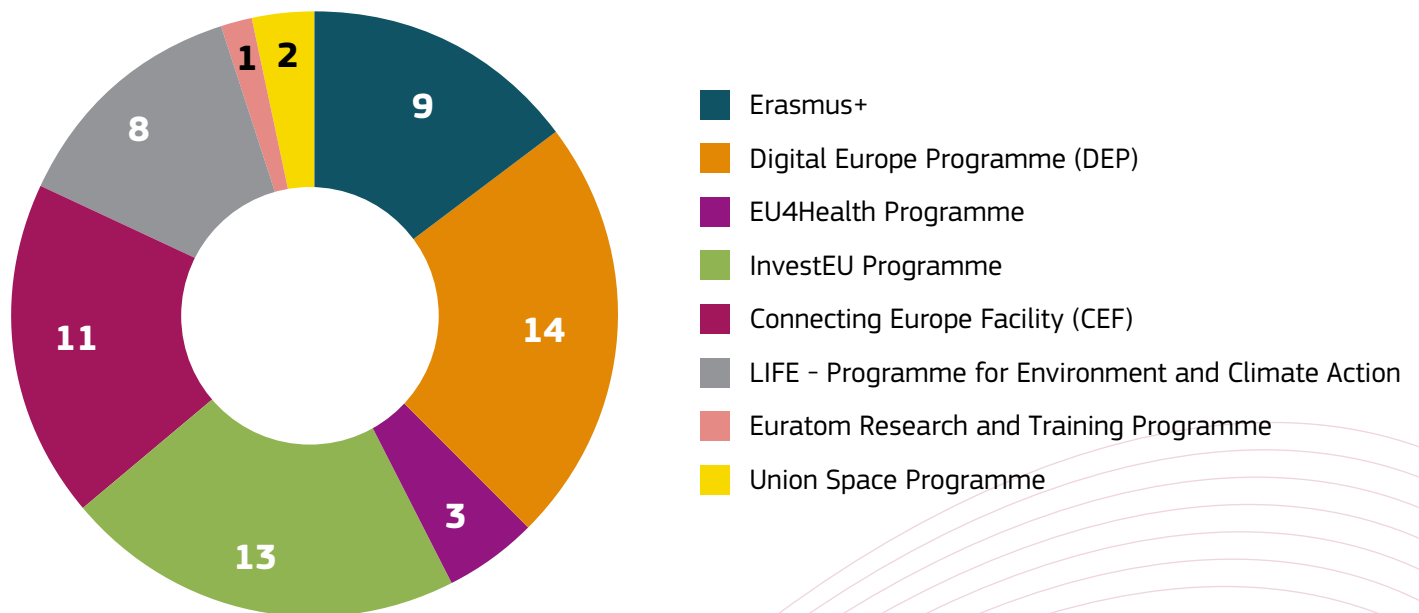
4. European Partnerships contributing to the twin digital and green transitions, and Europe's resilience.



EUROPEAN PARTNERSHIPS ADDRESS IN PARTICULAR THE FOLLOWING SUSTAINABLE DEVELOPMENT GOALS



5. Synergies with EU programmes



6. European strategic autonomy/technological sovereignty is of high importance to the European Partnerships.

European technological sovereignty = the ability for Europe to **develop, provide, protect, and retain** critical technologies, and act **independently** in a globalised environment.

74% of the European Partnerships indicated that European strategic autonomy/technological sovereignty is **highly relevant**.



The European Union has a **strong position in advanced manufacturing and advanced materials, industrial research and development**, especially in the automobile, information communication technology, as well as in health sectors.



The European Union should **reduce dependencies in AI, big data, cloud computing, cybersecurity, secure communications, robotics and microelectronics**.

Cluster 4 'Digital, industry and space' is the key cluster enabling technological sovereignty, as it supports the development of key enabling technologies of the future.

7. European Partnerships are fostering collaboration with non-European countries, as well with global leaders.



European Partnerships have links with **50+ different non-European countries** from different continents and clearly benefit from these R&I collaborative agreements.



12% of the overall budget of European Partnerships is planned for **connections/collaboration with non-European partners**.