

#innovacion
#ayudascdti
#asesoramiento
#internacionalizacion

Horizonte Europa 2028-2034. Propuesta

XX Asamblea Anual de la
Plataforma Tecnológica Ferroviaria Española
Palacio de Fernán Nuñez
Julio Dolado
CDTI

11 / noviembre / 2025

Horizon Europe Regulation proposal



Brussels, 16.7.2025
COM(2025) 543 final
2025/0543 (COD)

Proposal for a

REGULATION OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL

establishing Horizon Europe, the Framework Programme for Research and Innovation, for the period 2028-2034 laying down its rules for participation and dissemination, and repealing Regulation (EU) 2021/695

(Text with EEA relevance)

{SEC(2025) 555} - {SWD(2025) 555 556}

EN

EN

Specific Programme proposal



Brussels, 16.7.2025
COM(2025) 544 final
2025/0544 (CNS)

Proposal for a

COUNCIL DECISION

on establishing the Specific Programme implementing Horizon Europe - the Framework Programme for Research and Innovation for the period 2028-2034, laying down the rules for participation and dissemination under that Programme, and repealing Decision (EU) 2021/764

(Text with EEA relevance)

{SEC(2025) 555} - {SWD(2025) 555-556}

EN

EN

European Competitiveness Fund proposal (ECF)



Brussels, 16.7.2025
COM(2025) 555 final
2025/0555 (COD)

Proposal for a

REGULATION OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL

on establishing the European Competitiveness Fund ('ECF'), including the specific programme for defence research and innovation activities, repealing Regulations (EU) 2021/522, (EU) 2021/694, (EU) 2021/697, (EU) 2021/783, repealing provisions of Regulations (EU) 2021/696, (EU) 2023/588, and amending Regulation (EU) [EDIP]

(Text with EEA relevance)

{SEC(2025) 555 final} - {SWD(2025) 555 final} - {SWD(2025) 556 final}

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The European Competitiveness Fund (**ECF**, the Fund) is part of the post-2027 Multiannual Financial Framework (MFF) package, which aims to consolidate **14 individual funding instruments**

eur-lex.europa.eu/legal-content/EN/TXT/PDF/?uri=CELEX:52025PC0543

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July 2025



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Research and innovation

[Home](#) > [News](#) > [All research and innovation news](#) > Horizon Europe 2028 - 2034: twice bigger, simpler, faster and more impactful

NEWS ARTICLE | 16 July 2025 | Directorate-General for Research and Innovation | 3 min read

Horizon Europe 2028 - 2034: twice bigger, simpler, faster and more impactful

July 2025

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Horizon Europe and FP10 budgets, inflation adjusted*

	Horizon Europe €m	FP10 €m	Change
ERC and MSCA	26,983	41,479	53.7%
JRC (non-nuclear)	2,351	2,600	10.6%
Pillar II	61,525	75,876	23.3%
Innovation**	16,229	38,785	139.0%
Widening participation and spreading excellence	3,527	5,387	52.7%
Total	114,009	175,002	53.5%

Horizon Europe
Pillar II

SB
increase
stimulation:

+ 23,3 %

Horizon Europe Regulation proposal

Horizon Europe will be tightly connected with the regulation establishing the European Competitiveness Fund (ECF), to guarantee a seamless flow from fundamental research to applied research to start-ups to scale-ups, comprising the single rulebook that also applies to Horizon Europe. The programme may support **dual-use** actions

Specific Programme proposal

Competitiveness and Society

Article 11

Collaborative research

Collaborative research activities referred to in Chapter I of Regulation XXX [reference to the Horizon Europe Regulation] shall cover, in particular, the following research and innovation activities:

(a) under 'Competitiveness', research and innovation activities of the policy windows described in Chapters IV to VII of the European Competitiveness Fund:

European Competitiveness Fund proposal (ECF)

Article 33

Specific activities to support clean transition and industrial decarbonisation policies

(d) Sourcing, production, storage, distribution and uptake of sustainable fuels, facilitating decarbonisation of **mobility**.

(e) Clean, multimodal and digitalised, safe **transport and mobility** solutions, including mobile assets (e.g. vehicles, vessels including fishing vessels, aircrafts, rolling stocks) and infrastructures (among others charging infrastructure, ports or high speed rail), systems and operations.

(f) Supporting the development and deployment of smart **mobility**, including vehicles, infrastructure, connected and automated mobility, smart traffic management systems and related services.

(n) Market uptake, capacity building and skills development for the clean transition, including clean energy transition and energy demand side activities (for example NetZero Industry Academies) and transition towards sustainable and safe **mobility** and sustainable tourism in cities, rural areas, communities, and buildings

The structure of the new Horizon Europe



Example
Policy
Windows

Simplification is an overarching priority of the Commission with the aim to reduce burden and over complexity and favour speed and flexibility.

Being the largest Union programme implemented under direct management, the Framework Programme for research and innovation is an obvious target for simplification. Simplification for beneficiaries will be achieved, inter alia, through:

- Reduced length of the work programme with less prescriptive programming: reducing the **overall number of topics**, shortening topic descriptions and minimising single-project topics.
- **Open topics by default**: less prescriptive with more freedom to applicants for different pathways towards expected outcomes.
- **Continuity and further simplification of the funding landscape**: There will be no distinction between Research and Innovation Actions (RIA) and Innovation Actions (IA) but one single funding rate of up to 100%, except for for-profit entities other than SMEs, with a funding rate of up to 70%. The funding rates will be the maximum that can be reduced when justified for implementing specific actions.
- Increased use of simplified cost options: Building on the experience gained with lump sum pilots under Horizon 2020 and their broader application in Horizon Europe, **lump sum funding** will become the default form of Union contribution, unless otherwise provided. Other simplified forms of cost, including personnel unit costs, will be used. These simplification measures aim to foster broader participation, particularly from newcomers and smaller entities, while preserving sound financial management and control.

Going together with the unprecedented simplification effort, a faster implementation of Horizon Europe will be achieved with a reduction of the maximum **time to grant to 7 months**, which is one of the fastest time-to grant of the EU programmes and two months faster than the maximum time to grant set out in the Financial Regulation.

Based on orientation of the steering mechanism for the next MFF including the Competitiveness Coordination Tool, the Horizon Europe programme and the European Competitiveness Fund could finance a coherent sequence between research and innovation, demonstration, development and deployment, focusing efforts and funding, from the EU and national, public and private sector of 'moonshots' **projects with a strong scientific component, boosting EU-wide value creation and strategic autonomy** (see examples below).

Possible 'moonshots':

CERN

Aviation (Smart & Clean Aviation)

Quantum (Quantum Computer)

IA (Next Generation Artificial Intelligence)

Data (Research Data Sovereignty)

Autonomous mobility (Automated Transport)

Innovative Therapies

Fusion (Fusion Energy)

Moon (Moon Accessibility)

Water (Zero Pollution of Water)

Oceans (Ocean Exploration & Observation)

European Competitiveness Fund proposal (**ECF**)

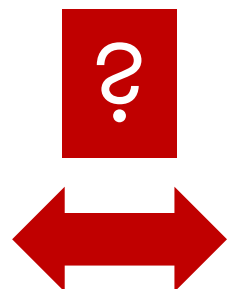
Area	Budget (€)
Total ECF Proposal (current prices)	€234,300,000,000
General Objectives	€11,000,000,000
Clean Transition and Industrial Decarbonisation	€26,210,000,000
Health, Biotechnology, Agriculture and Bioeconomy	€20,393,000,000
Digital Leadership	€51,493,000,000
Resilience and Security, Defence Industry and Space	€125,204,000,000

Horizon Europe Regulation proposal

Consistency with other Union policies

R&I investment will be complementary and tightly connected with the European Competitiveness Fund, and in synergy with other programmes and instruments of the Multiannual Financial Framework (MFF). Complementarity and synergy of R&I support and exploitation across the Union's long-term budget and with Member States will be maximized through the Competitiveness Coordination Tool (CCT) that will align industrial and research policies and investments at EU and national level around projects of common European interest or EU added value.

Based on orientation of the steering mechanism for the next **MFF including the Competitiveness Coordination Tool, the Horizon Europe programme and the European Competitiveness Fund could finance a coherent sequence between research and innovation, demonstration, development and deployment, focusing efforts and funding, from the EU and national, public and private sector of 'moonshots' projects with a strong scientific component, boosting EU-wide value creation and strategic autonomy (see examples below)**.



Horizon Europe Regulation proposal

Area	Budget (€)
Total FP10 Proposal (current prices)	€175,002,000,000
Pillar I: "Excellent Science"	€44,079,000,000
(of which) Joint Research Centre (JRC)	€2,600,000,000
Pillar II: "Competitiveness and Society"	€75,876,000,000
Competitiveness	€68,270,000,000
Clean Transition and Industrial Decarbonisation	€25,331,000,000
Health, Biotech, Agriculture and Bioeconomy	€19,650,000,000
Digital Leadership	€16,854,000,000
Resilience and Security, Defence Industry and Space	€6,435,000,000
Society	€7,606,000,000
Pillar III: "Innovation"	€38,785,000,000
Pillar IV: "European Research Area"	€16,262,000,000
(of which) Widening participation and spreading excellence	€5,387,000,000

Specific Programme proposal

Art 4 Workprogrammes:
ERC, EIC, MSCA, JRC
Pillar II – ECF?

July 2025

Cluster 5 “Clima, energía y movilidad”.

WP 2026/7 Cambios relevantes:

Menos topics / Mayor tamaño proyecto

Societal Readiness Level

Financial Support to Third Parties FSTP

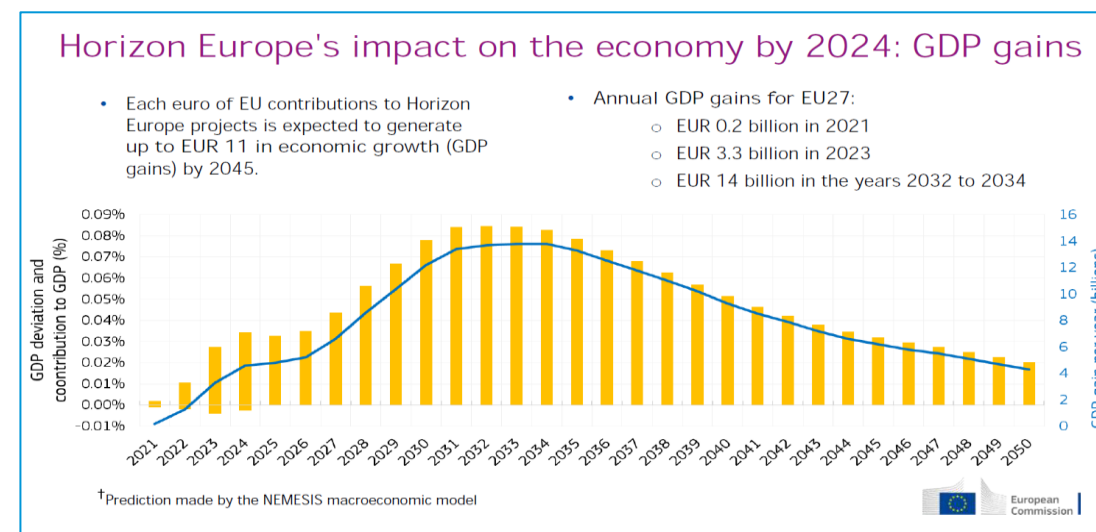
“Restriction on control in innovation actions in critical technology areas” (p.e China)

Clean Industrial Deal Call WP 2026/7

540 million EUR (EU)

ERJU Call for Proposals 2025-02:

145 million EUR (EU) / 245 million EUR (total cost)



FP10

Gobernanza H Europe - ECF

Partenariados (miembros, no miembros, tipos de calls, abiertas/restringidas, etc)

European Commission

One Year After
→ **The Draghi Report**
What has been achieved and what has changed

Key takeaway

With more than half of initiatives already delivered, and over €1 trillion mobilised across innovation, clean tech and security, the European Commission is ensuring the EU remains competitive, sustainable and resilient — and on track to meet its 75% adoption target by end-2025.

Adoption progress

Eight months after launch, the Commission has already adopted:

33 Flagships **14** Legislative initiatives

Delivering tangible results

The European Commission is already driving concrete impact across Europe.

- €200 billion mobilised for investment in AI, €20 billion for AI Gigafactories
- €150 billion of funding as part of SAFE for security & defence
- €100+ billion for clean tech manufacturing and industrial decarbonisation
- €70 billion through TechEU for innovative companies
- €500 million to attract top global scientists via Choose Europe
- €8.4 billion in savings for businesses thanks to six simplification omnibuses
- The biggest trade agreements in recent EU history (Mercosur and Mexico and with agreements with India and Indonesia on the horizon)

Help for ES entities. Cluster 5. Climate, energy and mobility



Climate.

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 (común): 91.581.55.62

+ H. Europe Clusters

https://www.horizonteeuropa.es/listado-ncps?field_clasificacion_target_id=116



Horizonte Europa Clúster 5 Movilidad. CDTI

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148,2 M€ de financiación para proyectos en:



digitalización |  automatización |  sostenibilidad |  mercancías



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