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Agencia Vasca de la Innovación



Cluster 4: Digital, Industry and Space.

Convocatorias WP2025

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DISCLAIMER



The contents of this presentation are for informal guidance and discussion purposes only.

In **no circumstance** the content of these slides can substitute the information provided in the official documents and guidelines.



Índice



1. Parte 1: WP 25 y convocatorias

- ☐ Apoyo a los participantes. NCP
- ☐ Introducción. Resultados 2021-2024
- ☐ Clúster 4 Industria
 - ☐ Áreas temáticas
 - ☐ Partenariados
 - ☐ convocatorias

2. Aspectos transversales. Ayuda a preparación de propuestas

Formación previa para entender cluster 4 Industria

Martes 4 de febrero. Sesión 1: El camino del éxito hacia el WP 2025.

Martes 25 de febrero. Sesión 2: De los partenariados nuevos y conocidos.

Martes 18 de marzo. Sesión 3: Preparando la propuesta, búsqueda de socios, aspectos legales y financieros

Infoday nacional, 20 de mayo

13-14 Mayo. Infoday CE

Infodays regionales



Horizonte Europa en cifras

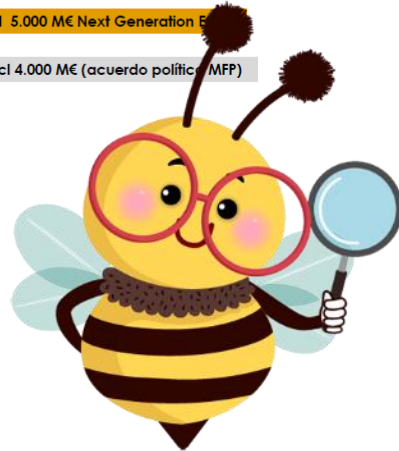
Presupuesto Horizonte Europa: lo que sabemos, 95.517 MEUR

PILAR 1 – CIENCIA EXCELENTE	25.011	PILAR 2 - RETOS MUNDIALES Y COMPETITIVIDAD INDUSTRIAL EUROPEA	53.516	PILAR 3 – INNOVACIÓN ABIERTA	13.597
ERC - Consejo Europeo de Investigación	16.004	Clúster 1 - Salud	8.246	EIC- Consejo Europeo de Innovación	10.105
MSCA - Acciones Marie Skłodowska-Curie	6.602	Clúster 2 - Cultura, creatividad y sociedad inclusiva	2.280	Ecosistemas de innovación europea	527
Infraestructuras de investigación	2.406	Clúster 3 - Seguridad	1.596	EIT - Instituto Europeo de Innovación y Tecnología	2.965
		Clúster 4 - Digital, industria y espacio	15.349		
		Clúster 5 - Clima, energía y movilidad	15.123		
		Clúster 6 - Alimentación, bioec. recursos naturales, agricultura y MA	8.952		
		JRC – Centro Común de Investigación	1.970		

Ampliar la Participación y Fortalecer el Espacio Europeo de Investigación	3.393
Ampliar la participación y difundir la excelencia	2.955
Reformar y mejorar el sistema europeo de la I+D+i	438

Incl. 5.000 M€ Next Generation EU

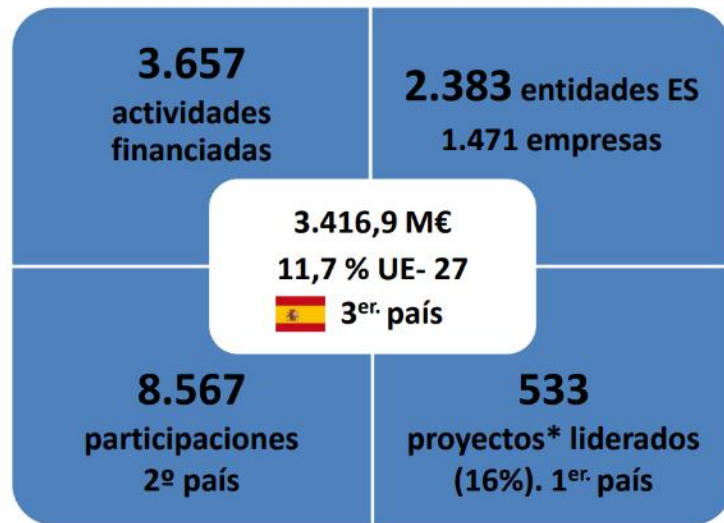
Incl. 4.000 M€ (acuerdo político MFP)



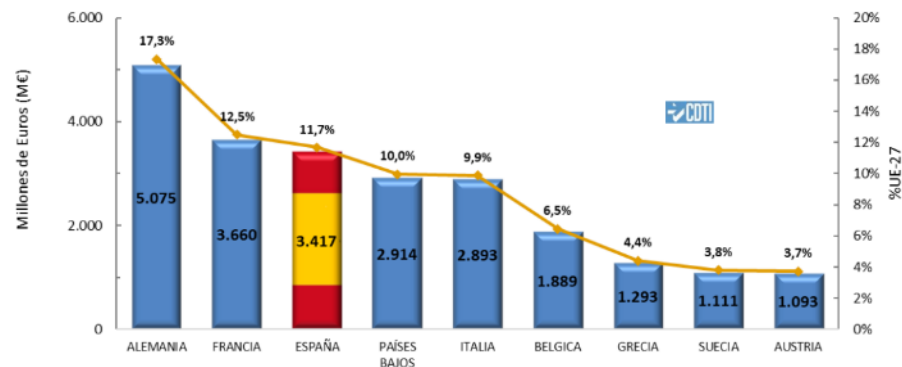
Más de
50,000 Mill€
2025-2027

Resultados 2021-23

Resultados de la participación
española en Horizonte Europa
(2021-2023)



Resultados por países en Horizonte Europa



Resultados provisionales Industria 2021-24

2119 propuestas, **1523** con ES (71,9%)
343 coordinadas ES (17,6%)

373 proyectos, **299** con ES (76,9%)
87 coordinadas ES (22,4%)

Tasa de éxito ES: 19,6% vs. 18,4% global

440 M€ para entidades ES
ES 1º país en retorno (17,8%EU27 16,4%total)

Resultados provisionales Industria 2021-24



Resultados provisionales Partenariados 2021-2024



78 proyectos financiados con participación ES (85,7%)
24 coordinados ES (26,4%)

97,8 M€ para entidades ES
ES 1º país en retorno (18,7%)



44 proyectos financiados con participación ES (80%)
12 coordinados ES (21,8%)

150,5 M€ para entidades ES
ES 1º país en retorno (19,9%)



14 proyectos financiados con participación ES (50%)
3 coordinados ES (14%)

14,6 M€ para entidades ES
ES 5º país en retorno (11,90%)



Conclusiones



ii Se mantienen los excelentes resultados en el área de Industria!!



Mejores resultados continúan en los partenariados Made in Europe y Processes4Planet.



Ahora también en Materiales Avanzados.



iii Podemos mantenerlo para 2025-2027 !!!

¿En qué punto estamos?



Programa de Trabajo 2025



https://ec.europa.eu/info/funding-tenders/opportunities/docs/2021-2027/horizon/wp-call/2025/wp-7-digital-industry-and-space_horizon-2025_en.pdf



HORIZON-CL4-2025-01:	494 M€
HORIZON-CL4-2025-05-two-stage	161 M€
TOTAL CL4-INDUSTRIA	655 M€



Opening: 22 May
Deadline: 23 September
/ 2 October

Borradores 26-27



<https://ec.europa.eu/transparency/comitology-register/screen/documents/107987/2/consult?lang=en>

Comitology Register

[Home](#) [Committees](#) [Meetings](#) [Documents](#) [Annual Reports](#) [Datasets](#)

[Comitology Register](#) > [Search for documents](#) > [Document](#)

Horizon Europe Work Programme 2026-27 - Part 7. Digital, Industry and Space - version 2 - 28 05 2025

Document Code

D107987/02 (Draft Implementing Act)

Status

Draft Implementing Act submitted to Committee - 28 May 2025

Attachments



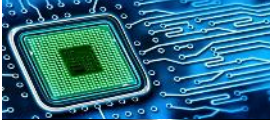
Horizon Europe Work Programme 2026-27 - Part 7. Digital, Industry and Space - version 2 - 28 05 2025
EN

[Download](#)

MINISTERIO
DE CIENCIA, INNOVACIÓN
Y UNIVERSIDADES



Clúster 4 – 6 Destinos

-  Achieving global leadership in **climate-neutral, circular and digitised industrial and digital value chains** **TWIN TRANSITION**
-  Achieving technological leadership for Europe's open strategic autonomy in **raw materials, chemicals and innovative** **MATERIALS**
-  Developing an agile and secure single market and infrastructure for **data-services and trustworthy artificial intelligence services**
-  Achieving open strategic autonomy in **digital and emerging enabling technologies**
-  Open strategic autonomy in developing, deploying and using global **space-based** infrastructures, services, applications and data
-  **Digital and industrial technologies** driving **human-centric innovation**

Convocatorias 2025

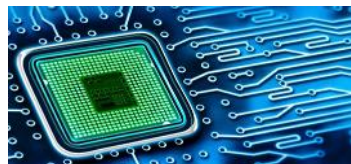
CALL INDUSTRY-HADEA

- De Mayo a Septiembre

Deadline(s): 23 Sept 2025

HORIZON-CL4-2025-01 / 34 topics

- Destination 1- Twin Transition
 - 14 topics
- Destination 2- Materials
 - 11 topics
- Destination 4- Emerging
 - 2 topics
- Destination 6- Human
 - 7 topics



Convocatorias 2025 en 2 fases

CALL INDUSTRY two-stage

- **Deadline first stage: 23 Sep**
- **Deadline second stage: 14 Apr 2026**
- **161 M€**

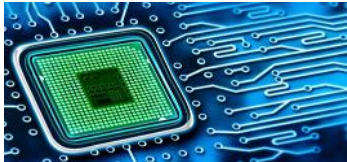
Deadline(s): 23 Sept 2025 /
14 Apr 2026

Destination 1- Twin Transition

- **3 topics / IAS / 71 M€**
 - **Construction**
 - **P4P**
 - **Sociar circular Enterprises**

Destination 2- Materials

- **3 topics / 90 M€**
 - **IAMs for construction (RIA)**
 - **IAMs for sealants and coatings (IA)**
 - **SSBD PFAS (IA)**



Convocatorias 2025

CALL DIGITAL-CNECT

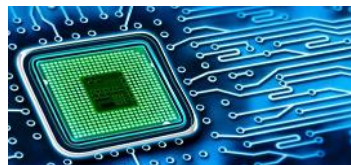
- De Junio a Octubre

Deadline(s): 2 Oct 2025



HORIZON-CL4-2025-03

- Destination 2- Materials
 - 2 topics
 - 25 M€



Net Zero Industry Act

Global market for key mass-manufactured net-zero technologies to triple by 2030 with an annual worth of around EUR 600 billion

Once in a generation opportunity to pave the way with speed and ambition to secure the EU's **INDUSTRIAL LEAD** in the fast-growing net-zero technologies sector

This legislation will help scale up net-zero technology manufacturing in the EU to provide **at least 40%** of the EU's annual deployment needs for strategic net-zero technologies by 2030.



Key technologies



Solar photovoltaic and solar thermal



Electrolysers and fuel cells



Onshore wind and offshore renewables



Sustainable biogas/biomethane



Batteries and storage



Carbon capture and storage



Heat pumps and geothermal energy



Grid technologies

Net Zero Industry Act

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Electrolysers and fuel cells



Onshore wind and offshore renewables



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Carbon capture and storage



Heat pumps and geothermal energy



Grid technologies

Net Zero Industry Act



Key technologies



Solar photovoltaic and solar thermal



Electrolysers and fuel cells



Onshore wind and offshore renewables



Sustainable biogas/biomethane



Batteries and storage



Carbon capture and storage



Heat pumps and geothermal energy



Grid technologies

Net Zero technologies: components and supply chains

Brussels, 23.5.2025
SWD(2025) 932 final

4. Net-zero technologies: components and supply chains
 - A. Solar technologies
 - B. Offshore wind and offshore renewable technologies.....
 - C. Battery and energy storage technologies
 - D. Heat pump and geothermal energy technologies
 - E. Hydrogen technologies, including electrolyzers and fuel cells
 - F. Sustainable biogas and biomethane technologies
 - G. CCS technologies.....
 - H. Electricity grid technologies
 - I. Nuclear fission energy technologies

https://single-market-economy.ec.europa.eu/publications/net-zero-industry-act-secondary-legislation_en

- J. Sustainable alternative fuels technologies
- K. Hydropower technologies
- L. Other renewable energy technologies
- M. Energy system-related energy efficiency technologies and heat grid technologies..
- N. Renewable fuels of non-biological origin.....
- O. Biotech climate and energy solutions
- P. Transformative industrial technologies for decarbonisation.....
- Q. CO₂ transport and utilisation technologies
- R. Wind and electric propulsion technologies for transport
- S. Other nuclear technologies

Critical Raw Materials Act



EUROPEAN CRITICAL RAW MATERIALS ACT

March 2023

The EU is aiming to ensure a secure and sustainable supply of critical raw materials for Europe's industry.

Objetivos 2030 :



EU EXTRACTION

At least **10%** of the EU's annual consumption for extraction



EU PROCESSING

At least **40%** of the EU's annual consumption for processing



EU RECYCLING

At least **15%** of the EU's annual consumption for recycling



EXTERNAL SOURCES

Not more than **65%** of the EU's annual consumption of **each strategic raw material at any relevant stage of processing** from a single third country

Critical Raw Materials Act



List of Critical Raw Materials for the EU 2023

Aluminium/Bauxite	Germanium	Phosphorus	Arsenic
Antimony	Hafnium	Scandium	Copper
Baryte	Heavy Rare Earths	Silicon metal	Feldspar
Beryllium	Light Rare Earths	Strontium	Helium
Bismuth	Lithium	Tantalum	Manganese
Borate	Magnesium	Titanium	Nickel
Cobalt	Natural Graphite	Tungsten	Indium
Coking Coal	Niobium	Vanadium	Natural Rubber
Fluorspar	Platinum Group Metals	Bauxite	
Gallium	Phosphate Rock	Lithium	

Objetivos 2030 :



EU EXTRACTION

At least **10%** of the EU's annual consumption for extraction



EU PROCESSING

At least **40%** of the EU's annual consumption for processing



EU RECYCLING

At least **15%** of the EU's annual consumption for recycling



EXTERNAL SOURCES

Not more than **65%** of the EU's annual consumption of **each strategic raw material** at any relevant stage of processing from a single third country

Strategic Raw Materials

- Antimony
- Arsenic
- **Bauxite/Aluminium**
- Baryte
- Beryllium
- **Bismuth**
- **Boron**
- **Cobalt**
- Coking Coal

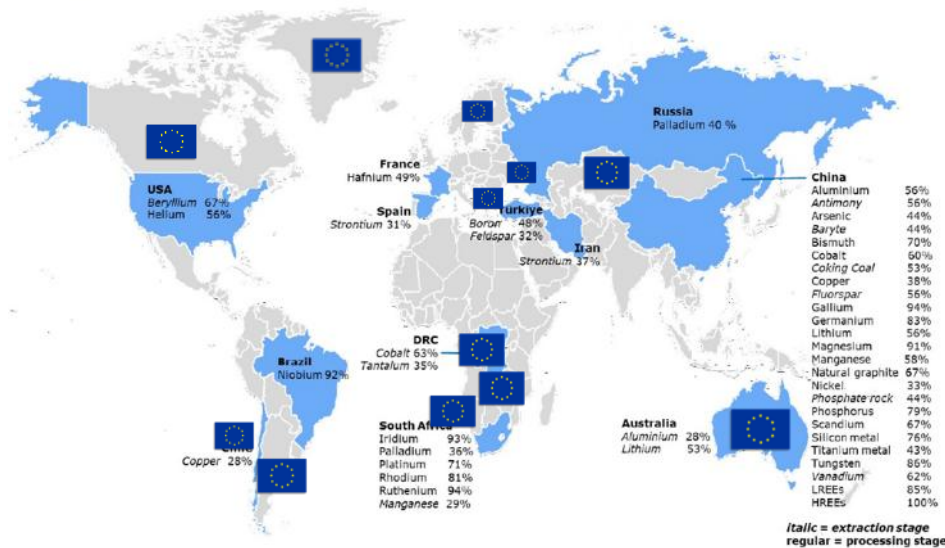
- **Copper**
- Feldspar
- Fluorspar
- **Gallium**
- **Germanium**
- Hafnium
- Helium
- **Heavy Rare Earth Elements**
- **Light Rare Earth Elements**

- **Lithium**
- **Magnesium**
- **Manganese**
- **Graphite (Natural and synthetic)**
- **Nickel – battery grade**
- Niobium
- Phosphate rock
- Phosphorus
- **Platinum Group Metals**

- Scandium
- **Silicon metal**
- Strontium
- Tantalum
- **Titanium metal**
- **Tungsten**
- Vanadium

Alianzas estratégicas en CRM

Figure B: Countries accounting for largest share of global supply of CRMs



Raw materials diplomacy - European Commission

Partnerships on raw materials

[Serbia](#): memorandum signed on 19 July 2024 ([press release](#))

[Australia](#): memorandum signed on 28 May 2024 ([press release](#))

[Uzbekistan](#): memorandum signed on 5 April 2024 ([press release](#))

[Norway](#): memorandum signed on 21 March 2024 ([press release](#))

[Rwanda](#): memorandum signed on 19 February 2024 ([press release](#))

[Greenland](#): memorandum signed on 30 November 2023 ([press release](#))

[DRC](#) and [Zambia](#): memoranda signed on 26 October 2023 ([press release](#))

[Chile](#): memorandum signed on 18 July 2023 ([press release](#))

[Argentina](#): memorandum signed on 13 June 2023 ([press release](#))

[Namibia](#): memorandum signed on 8 November 2022 ([news article](#))

[Kazakhstan](#): memorandum signed on 7 November 2022 ([news article](#))

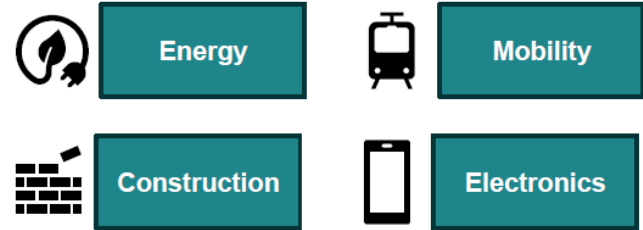
[Ukraine](#): memorandum signed on 13 July 2021 ([news article](#))

[Canada](#): partnership adopted after 15 June 2021 ([press release](#))

Materiales Avanzados



➤ Areas prioritarias (Anexo):



- Digitalización I+D materiales (IA, espacios de datos, etc)
- Despliegue de tecnología

Destination 1: Twin green and digital transition 2025



Manufacturing Industry



**Energy-Intensive Industries -
Decarbonisation and Energy
Efficiency**

**Circularity and Zero Pollution
in process industries**

**Clean Steel, to the Fit for
55 targets**

Social circular enterprises



Partenariados en Cluster 4 – Industria / Destination 1



PROCESSES4PLANET



The Clean Steel Partnership



Metrología



<https://metpart.eu/>

- Partenariados co-programados

- Partenariado institucionalizado

Destination 1: Twin green and digital transition 2025



Manufacturing Industry



HORIZON-CL4-INDUSTRY-2025-01-TWIN-TRANSITION-01:	Integrated approaches for remanufacturing (Made in Europe Partnership)	Innovation Actions (IA)	EUR 35.00 million
HORIZON-CL4-INDUSTRY-2025-01-TWIN-TRANSITION-02:	Physical and cognitive augmentation in advanced manufacturing (Made in Europe Partnership)	Research and Innovation Actions (RIA)	EUR 35.00 million
HORIZON-CL4-INDUSTRY-2025-01-TWIN-TRANSITION-05:	Advanced manufacturing technologies for leadership of EU manufacturers in products for the net-zero industry (Made in Europe Partnership)	Innovation Actions (IA)	EUR 42.00 million

Destination 1: Twin green and digital transition 2025



Manufacturing Industry

HORIZON-CL4-INDUSTRY-2025-01-TWIN-TRANSITION-01:

Integrated approaches for **remanufacturing** (Made in Europe Partnership)

Innovation Actions (IA)

EUR 35.00 million

Enfoques integrados para la remanufactura (I)

- **Tecnologías y procesos de remanufactura:** Las propuestas deben demostrar enfoques de
 - Remanufactura, incluyendo desmantelamiento y tecnologías de fabricación apropiadas,
- ingeniería de sistemas basada en modelos, control de calidad y modelos de negocio.
- **Desmantelamiento masivo:** desmontaje, separación y clasificación.
- **Calidad de los productos:** Capacidad para producir productos de alta calidad a partir de recursos (componentes y materiales nuevos y remanufacturados)

Enfoques integrados para la remanufactura (II)

- **Toma de decisiones al final de la vida útil:** a nivel de componentes o sistemas
- **Control de calidad:** alta calidad, trazabilidad y cumplimiento de normas.
- **Gestión de datos e IA:** principios FAIR, interoperabilidad y procesamiento de datos, tecnologías de IA robustas
- Skills para la remanufactura
- Contribución a estandarización

Destination 1: Twin green and digital transition 2025



Manufacturing Industry

HORIZON-CL4-INDUSTRY-2025-01-TWIN-TRANSITION-02:

Physical and cognitive augmentation in advanced manufacturing (Made in Europe Partnership)

Research and Innovation Actions (RIA)

EUR 35.00 million

Aumento físico y cognitivo en la fabricación avanzada

- **Aumento cognitivo:** Desarrollo de interfaces hombre-máquina adaptativas e intuitivas, sistemas de apoyo a la toma de decisiones basados en IA y métodos para la transferencia de conocimientos entre humanos y máquinas
- **Empoderamiento de los trabajadores:** Desarrollo de tecnologías para aumentar capacidades y habilidades de los trabajadores
- **Interacciones hombre-máquina:** soluciones human-centric, tecnologías para percibir el entorno en planta, contribuir a la mejora de la seguridad.
- **Flexibilidad y bienestar**
- **Modelo de Industria 5.0**

Destination 1: Twin green and digital transition 2025

Manufacturing Industry



HORIZON-CL4-INDUSTRY-2025-01-TWIN-TRANSITION-05:

Advanced manufacturing technologies for **leadership of EU manufacturers in products for the net-zero industry** (Made in Europe Partnership)

Innovation Actions (IA)

EUR 42.00 million

8 Tecnologías estratégicas para la industria de cero emisiones netas (Battery/storage technologies not excluded)

- **Liderazgo de los fabricantes de la UE**
- **Aumento de la capacidad de producción:** tecnologías limpias, diversificando las fuentes de suministro, y garantizando altos estándares ambientales
- **Tecnologías de fabricación:**
 - Fabricación aditiva o revestimiento para fabricación y/o reparación
 - tecnologías avanzadas de unión
 - conformado y modelado de materiales
 - procesamiento de superficies, nano o micro-fabricación
 - mecanizado y montaje de alta precisión
- **Integración de tecnologías: Digitalización (circularidad, digital twins, data mining, automatización, inspección)**

Destination 4: Achieving open strategic autonomy in digital and emerging enabling technologies



Manufacturing Industry



HORIZON-CL4-2025-03-DIGITAL-EMERGING-07:

Robust and trustworthy
GenerativeAI for Robotics and industrial automation (RIA)
(AI/Data/Robotics & Made in Europe Partnerships)

Research and
Innovation Actions EUR 85.00 million
(RIA)

EMERGING-07

Deadline(s): 02 Oct 2025

Destination 1: Twin green and digital transition 2025



Energy-Intensive Industries - Decarbonisation and Energy Efficiency

Clean Steel, to the Fit for 55 targets

HORIZON-CL4-INDUSTRY-2025-01-TWIN-TRANSITION-31	From heat-driven processes to the use of mechanical and electric forces (Processes4Planet partnership) (IA)	IA	25.00
HORIZON-CL4-INDUSTRY-2025-01-TWIN-TRANSITION-32:	Green and resilient flexible production processes (Processes4Planet partnership) (IA)	IA	25.00
HORIZON-CL4-INDUSTRY-2025-01-TWIN-TRANSITION-33:	Integrated use of renewable energy carriers in industrial sites (Processes4Planet partnership)	RIA	25,00
HORIZON-CL4-INDUSTRY-2025-01-TWIN-TRANSITION-34	Smart integration of net zero technologies into Energy Intensive industries (Processes4Planet and Made in Europe partnerships)	IA	25,00
HORIZON-CL4-INDUSTRY-2025-01-TWIN-TRANSITION-37	Solving issues in carbon-neutral iron and steel making processes with diverse input materials of varying quality (Clean Steel Partnership)	RIA	28,00

Cluster 4 / Destinatón 1 / Decarbonisation and Energy Efficiency



31-From heat-driven processes to the use of mechanical and electric forces

- ☐ Desarrollar y/o integrar **tecnologías eléctricas altamente eficientes** que puedan **reemplazar los procesos tradicionales de calentamiento**.
- ☐ **Evaluar y demostrar** los ahorros de energía y la efectividad de las tecnologías **en la reducción de emisiones de GHG**.
- ☐ Rediseño de **equipos y materiales** avanzados necesarios **para procesos electrificados**.
- ☐ Asegurar la **seguridad y facilidad de control del proceso**.

32-Green and resilient flexible production processes

- ☐ **Rediseñar y modificar procesos existentes** para mejorar la **flexibilidad operativa y la eficiencia energética y de recursos**.
- ☐ **Proponer y demostrar soluciones** que permitan una **operación continua** y eficiente bajo condiciones variables de **suministro de energía renovable**.
- ☐ **Evaluar los beneficios económicos y de eficiencia energética**.
- ☐ Escalabilidad y eficiencia de costes a nivel **piloto**.
- ☐ Definir **Skills necesarias** para la implementación industrial.

Cluster 4 / Destinatón 1 / Decarbonisation and Energy Efficiency



Processes4Planet



Processes4Planet



33-Integrated use of renewable energy carriers in industrial sites

- ☐ Desarrollar **tecnologías altamente eficientes** a nivel prototipo, incluyendo **sistemas de almacenamiento**.
- ☐ Contribución a soluciones de **simbiosis industrial y Hubs4Circularity**
- ☐ Interaction with electric power grids, hydrogen pipelines or district heating.
- ☐ Demostrar y evaluar la **eficiencia energética** y la **reducción de la huella de CO2** mediante la integración óptima de **energía de fuentes renovables**.

HORIZONTE
EUROPA

@HorizonteEuropa

34-Smart integration of net zero technologies into Energy Intensive industries

- ☐ Contribución al Net Zero industry Act
- ☐ Facilitar la colaboración entre al menos un **sector industrial intensivo en energía y fabricantes de soluciones tecnológicas net-zero**.
- ☐ Proponer y **demostrar la incorporación eficiente y flexible de tecnologías net-zero en plantas industriales existentes**
- ☐ **Replicabilidad** de las soluciones, de custom-built projects a **soluciones flexibles**



CDTI
INNOVACIÓN



37-Solving issues in carbon-neutral iron and steel making processes with diverse input materials of varying quality

- ☐ **Desarrollar tecnologías de fabricación de hierro y acero de bajo CO₂ : combinaciones, reductores, estados físicos.**
- ☐ **Adaptar la microestructura y controlar las propiedades específicas de aplicación**
- ☐ **Analizar y comparar la producción de hierro y acero de bajo carbono : hierro reducido directamente (DRI), calidades de fuentes primarias y secundarias.**
- ☐ **Necesidades de preprocesamiento de materiales que contienen hierro: minorar impacto ambiental**
- ☐ **Desarrollar de tecnologías de producción de hidrógeno in situ a muy bajo coste, uso de gases y calor residuales.**

Destination 1: Twin green and digital transition 2025



Energy-Intensive Industries - Circularity and Zero Pollution in process industries

Clean Steel, to the Fit for 55 targets

HORIZON-CL4-2025-05-TWIN-TRANSITION-35-two-stage	Developing and embedding upcycling technologies into viable business (Processes4Planet partnership)	IA	48.00
HORIZON-CL4-INDUSTRY-2025-01-TWIN-TRANSITION-36	Safe and clean processing technologies and products (Processes4Planet partnership)	RIA	24.00
HORIZON-CL4-INDUSTRY-2025-01-TWIN-TRANSITION-38	Synergies and mutual learning with national and regional initiatives in Europe on Industrial decarbonisation	CSA	1
HORIZON-CL4-INDUSTRY-2025-01-TWIN-TRANSITION-39	Towards human-centric, sustainable and resilient energy-intensive industries (Processes4Planet and Clean Steel partnerships)	CSA	2

Cluster 4 / Destinatón 1 / Circularity and Zero Pollution



35-Developing and embedding upcycling technologies into viable business

- ❑ **Desarrollar procesos para el upcycling de materiales al final de su vida útil:** incluyendo tecnologías de procesado, así como digitalización y automatización.
- ❑ **Circularidad en la Integración de tecnologías y sistemas logísticos**
- ❑ **Foco en procesos y materias primas secundarias,** incluyendo procesos innovadores.
- ❑ Integración en existentes **Hubs4Circularity.**
- ❑ **Incluir apoyo a recuperación de infraestructuras industriales en Ucrania.**
- ❑ **Identificar los impactos potenciales de las soluciones de upcycling:** empleo, huella ambiental, consumo de agua, potencial económico.
- ❑ **Considerar la presencia de sustancias preocupantes** para mitigar los impactos de múltiples ciclos de reciclaje y la acumulación de aditivos y materiales traza en las corrientes de recursos secundarios.

36-Safe and clean processing technologies and products

- **Demostrar la reducción del uso de sustancias peligrosas** que representan un riesgo para la salud humana y ambiental, y asegurar la reducción de su proliferación en los productos.
- **Desarrollar tecnologías de proceso novedosas** que conduzcan a reducir impacto en la salud, seguridad y medio ambiente, más allá de las emisiones de CO2.
- **Minimizar los efectos adversos de las tecnologías de procesos novedosos** en la función y durabilidad de los materiales, reciclabilidad, costo de producción y el riesgo asociado.
- **Desarrollar métodos de monitorización** para contaminantes emergentes
- Contribuir y colaborar con redes de análisis (ej: ARIE)

Cluster 4 / Destinatón 1 / Construction

Construction

HORIZON-CL4-2025-05-TWIN-TRANSITION-11-two-stage: IA/13M / 6,5 M.

- **Optimización y eficiencia de la logística.**
- **Automatización y digitalización:** para gestionar y coordinar operaciones en tiempo real.
- **Sostenibilidad:** Prácticas sostenibles y reducción del impacto ambiental
- **Seguridad en el trabajo:** Mejora de la seguridad mediante tecnologías de sensórica y monitorización..
- **Gestión de recursos materiales:** Optimización del uso de materiales y recursos para minimizar el desperdicio.

Enhanced logistics and operations of construction sites . Blind Evaluation / Lump sum / Business Case

- **Interoperabilidad de sistemas:** Desarrollo de plataformas interoperables que faciliten la integración de diferentes sistemas y herramientas.
- **Formación, capacitación y habilidades de los trabajadores:** en el uso de nuevas tecnologías.
- **Análisis de datos:** como apoyo a la toma de decisiones informadas y la mejora continua de procesos.
- **Innovación en procesos:** procesos innovadores para aumentar la productividad y eficiencia.

Cluster 4 / Destinatón 1 / Social circular enterprises (SCE)

Social circular enterprises



HORIZON-CL4-2025-05-TWIN-TRANSITION-21-two-stage:
Demonstrators for clusters of social circular enterprises (IA)
Innovation Actions (IA) EUR 10.00 million

[social circular economy 2017.pdf](#)

SOCIAL CIRCULAR ECONOMY
OPPORTUNITIES FOR PEOPLE, PLANET AND PROFIT

https://social-economy-gateway.ec.europa.eu/about-social-economy_en

Social circular enterprises

Definitions and glossary



Cooperatives



**Mutual benefit
societies**



Associations
(including charities)



Foundations



**Social
enterprises**

[About social economy - European Commission](#)

Cluster 4 / Destinatón 1 / Social circular enterprises (SCE)



Demonstrators for clusters of social circular enterprises (SCE)

- ☐ **Social Circular Enterprises (SCE) claves en actividades de recuperación y desmontaje de productos y materias primas secundarias.**
- ☐ **Impulsar la organización en Social Circular Tech cluster**
- ☐ **Tech based spin-offs**
- ☐ **Demostradores en tecnologías de residuos de construcción o WEEE.**
- ☐ **Desarrollo de soluciones para apoyar la inclusividad de colectivos desfavorecidos.**
- ☐ **Desarrollar tecnologías impulsadas por datos, como IA.**
- ☐ **Mejorar el posicionamiento de mercado de las SCE**
- ☐ **Desarrollar actividades de ingeniería compartida (laboratorios, estrategias y tecnología compartida) para hacer accesible la tecnología a las SCE.**

Destination 2: Achieving technological leadership for Europe's open strategic autonomy in raw materials, chemicals and innovative **MATERIALS**



Raw materials for EU strategic autonomy



Innovative Advanced Materials



Safe and Sustainable by Design (SSbD) chemicals and materials

Textiles



Nuevos partenariados en Horizonte Europa (2025-27)

Raw Materials for the
Green and Digital Transition



Innovative **Materials**
for the EU



Textiles of the Future



Destination 2: Achieving technological leadership for Europe's open strategic autonomy in raw materials, chemicals and innovative **MATERIALS**



Raw materials for EU strategic autonomy

HORIZON-CL4-INDUSTRY-2025-01-MATERIALS-61	Technologies for critical raw materials and strategic raw materials from end-of-life products	Innovation Actions	EUR 24.00 million
HORIZON-CL4-INDUSTRY-2025-01-MATERIALS-62	Strategic Partnerships for Raw Materials: Innovative Approaches for sustainable production of Critical Raw Materials	Innovation Actions	EUR 30.00 million
HORIZON-CL4-INDUSTRY-2025-01-MATERIALS-63	Innovative solutions for the sustainable production for Semiconductor raw materials	Innovation Actions	EUR 24.00 million
HORIZON-CL4-INDUSTRY-2025-01-MATERIALS-64	EU Co-funded Partnership on raw materials for the green and digital transition (Co-funded partnership Raw Materials for the Green and Digital Transition)	Programme Co-funded Action	EUR 90.00 million



Destination 2 : Materias primas*

** Topics fuera del partenariado*

61-Critical Raw Materials & Strategic Raw Materials from **end of life**

- Desarrollo de tecnologías innovadoras para el **procesamiento de residuos que contengan CRMs y SRMs**
- **Recuperación** al final de su vida útil

62-Strategic Partnerships: innovative approaches for sustainable **production of CRMs**

- Enfoques innovadores para la **producción sostenible**
- **Extracción, procesamiento y refinado**
- **Colaboración internacional** países UE ha firmado acuerdos estratégicos en Materias Primas

63-Innovative solutions for Sustainable **production** for **Semiconductor** raw materials

- Producción sostenible europea de materias primas **para semiconductores**
- CRMs: antimonio, arsénico, bismuto, boro, galio, germanio, indio, selenio, silicio y telurio (entre otros).

Destination 2: Achieving technological leadership for Europe's open strategic autonomy in raw materials, chemicals and innovative **MATERIALS**



Innovative Advanced Materials

HORIZON-CL4-2025-05-MATERIALS-42-two-stage	Innovative Advanced Materials (IAMs) for product monitoring, smart maintenance and repair strategies in the construction sector (RIA) (Innovative Advanced Materials for Europe partnership)	Research and Innovation Actions	EUR 30.00 million
HORIZON-CL4-2025-05-MATERIALS-43-two-stage	Innovative Advanced Materials (IAMs) for robust, fast curing sealants and coatings for manufacturing and final assembly (IA) (Innovative Advanced Materials for Europe partnership)	Innovation Actions	EUR 30.00 million
HORIZON-CL4-INDUSTRY-2025-01-MATERIALS-44	Innovative Advanced Materials Innovation Procurement (CSA)	Coordination and Support Actions	EUR 2.00 million

Destination 2: Achieving technological leadership for Europe's open strategic autonomy in raw materials, chemicals and innovative **MATERIALS**



Innovative Advanced Materials

Materials -46/-47
Deadline(s): 02 Oct 2025

HORIZON-CL4-2025-01-MATERIALS-45	Materials Commons for Europe (IA)	Innovation Actions	EUR 28.00 million
HORIZON-CL4-2025-03-MATERIALS-46	Innovative Advanced Materials (IAMs) for photonics , enabling low-power and ultra-broadband performance for telecommunication (RIA) (Innovative Advanced Materials for Europe partnership)	Research and Innovation Actions	EUR 10.00 million
HORIZON-CL4-2025-03-MATERIALS-47	Innovative Advanced Materials (IAMs) for conformable, flexible or stretchable electronics (RIA) (Innovative Advanced Materials for Europe partnership)	Research and Innovation Actions	EUR 15.00 million



Destination 2 / Innovative Advanced Materials (IAMs)

HORIZON-CL4-2025-05-MATERIALS-42-two-stage:
IAMs for product monitoring, smart maintenance and
repair strategies in the construction sector (RIA)

- **Extend lifetime** of materials used **in construction sector**.
- Develop new/improved IAMs:
 - Increased durability, reduced maintenance requirements
 - Support **smart functionalities** for continuous monitoring.
- SSbD, SSH, standards, FAIR data
- **INCO Japan**
 - TRL 3 → 5-6 Budget 6M€

HORIZON-CL4-2025-05-MATERIALS-43-two-stage:
IAMs for robust, fast curing sealants and coatings for
manufacturing and final assembly (IA)

- Develop new/improved **IAM-based coatings, functionalised surfaces and/or sealings**
 - **Combine multiple functionalities** (fast curing, protection from environmental agents, etc.)
 - **Satisfy multiple requirements across application areas.**
- SSbD
- Use digital technologies, FAIR data
- **INCO Japan**
 - TRL 3-4 → 6-7 Budget 6M€

Destination 2 / Innovative Advanced Materials (IAMs)

HORIZON-CL4-2025-05-MATERIALS-46:

IAMs for photonics, enabling low-power and ultra-broadband performance for telecommunication (IA)

- Explore innovative solution based on IAMs – including 2DMs- that **offer state of the art performance and low power consumption**
- Integrate value chain nad relevant manufacturing technologies.
- **Partnership IAM4EU & Graphene Flagship**
- **TRL 3 → 6 Budget 5M€**

HORIZON-CL4-2025-05-MATERIALS-47:

IAMs conformable, flexible or stretchable **electronics (IA)**

- Discover IAMs –including 2DMs-with improved **flexibility, conformability and stretchability for novel flexible electronic applications.**
- Address reparability, recyclability of devices and circuits.
- **Partnership IAM4EU & Graphene Flagship**
- **TRL 3 → 6 Budget 5M€**

Destination 2 / Innovative Advanced Materials (IAMs)

HORIZON-CL4-INDUSTRY-2025-01-MATERIALS-45: Materials Commons for Europe (IA)

- **Digital European Infrastructure:** to share data and digital tools for materials development.
- **Access for all researchers in the EU**
- **Built on existing national initiatives** (FR, DE).
- **Modelling and simulation:** AI, supercomputation, **self-driving labs** to accelerate research and innovation in materials.
- **TRL 3-4 → 5-6 Budget 28 M€**

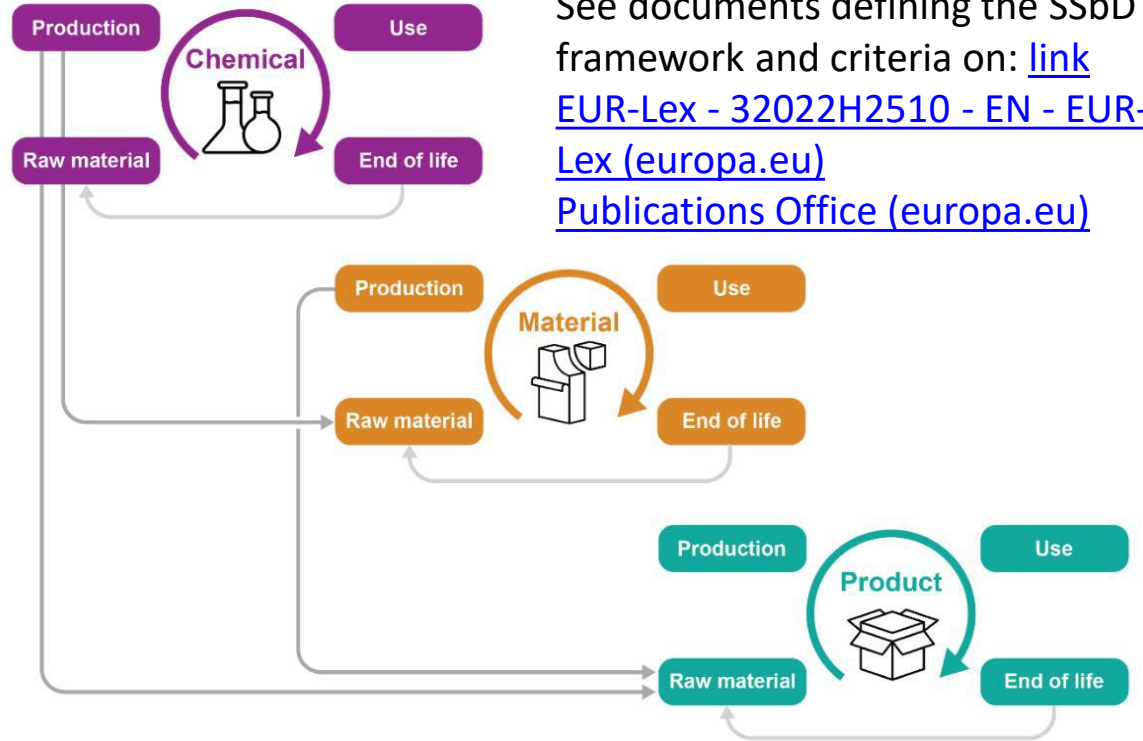
HORIZON-CL4-INDUSTRY-2025-01-MATERIALS-44: IAMs Innovation Procurement (CSA)

- **Public procurement for driving innovation and fostering the uptake of IAMs in sectors where public sector is an important customer.**
- **Create a EU consortium of public procurers that:**
 - define **unmet procurement needs** for innovative solutions based in adv.materials.
 - **Prepare future topics** to conduct PCI/PPI

Destination 2: Increased Autonomy in Key Strategic Value Chains for Resilient Industry



Safe and Sustainable by Design (SSbD) chemicals and materials



Destination 2: Achieving technological leadership for Europe's open strategic autonomy in raw materials, chemicals and innovative **MATERIALS**

HORIZON-CL4-2025-05-MATERIALS-51-two-stage	Development of safe and sustainable by design alternatives to Perfluoroalkyl and Polyfluoroalkyl Substances (PFAS) (IA)	Innovation Actions	EUR 30.00 million
HORIZON-CL4-INDUSTRY-2025-01-MATERIALS-52	Accelerate the uptake of life-cycle assessment (LCA) for Safe and Sustainable by Design (SSbD) chemicals and materials and resulting products (RIA)	Research and Innovation Actions	EUR 15.00 million



Safe and Sustainable by Design (SSbD) chemicals and materials

Cluster 4 / Textiles for the Future

Coprogramado
(publico privado)

- European Textiles Platform (ETP)
- SRIA publica 2024

Contexto:



EU Strategy for
Sustainable and
Circular Textiles

- https://environment.ec.europa.eu/strategy/textiles-strategy_en

✿ Textile ETP website:

<https://textile-platform.eu/news/textile-etp-unveils-the-strategic-research-and-innovation-agenda-for-textiles-of-the-future-european-partnership>

**The Strategic
Research and
Innovation
Agenda**



Destination 2: Achieving technological leadership for Europe's open strategic autonomy in raw materials, chemicals and innovative **MATERIALS**

Textiles



Textile ETP & Textiles of the Future Partnership

Lutz Walter
February 2025



Textiles of the Future Partnership

Key Facts & Status

- * the first ever dedicated EU Funding Programme for Textiles Research (part of HORIZON EUROPE programme)
- * Partnership between EU textile sector & European Commission – Textile ETP represents the private sector
- * Total budget: € 60 million (€ 30 mln EU funding + € 30 mln in kind & other funding sources)
- * Strategic Research Agenda (published in July 2024)
- * Signature of MoU with EC – in early 2025
- * First call for proposals – focus digital manufacturing (Q2-2025)
- * Total of 3 calls 2025-27 (possibility for extension after 2027)



Destination 2: Achieving technological leadership for Europe's open strategic autonomy in raw materials, chemicals and innovative **MATERIALS**

Textiles



HORIZON-CL4-INDUSTRY-2025-01-MATERIALS-31

Digitally enabled local-for-local textile and apparel production (Textiles for the Future Partnership) (IA)

Innovation Actions

EUR 10.00 million

HORIZON-CL4-INDUSTRY-2025-01-MATERIALS-31: Digitally enabled local-for-local textile and apparel production

- * IA, budget € 10 million, 5 mln per project
- * Expected Outcome:
 - Demonstrate economic viability of local on-demand production of fashion and other complex textile products, including for professional or public end markets, through integration of advanced digital technologies across the full product life cycle from creation, production, distribution, use and end-of-life;
 - Accelerate adoption of advanced digital product creation and manufacturing technologies by European textile and fashion SMEs; and
 - Increase share of re- or near-shored production of time-critical textile products, made in socially and environmentally responsible ways, including recycled materials; and in this way contribute to the mitigation of GHG emissions.
- * Proposals should address at least one of the two following activities:
 - Small scale demonstration, experimentation or piloting of approaches, processes or technologies
 - Uptake of innovative service-driven business models that maximise consumer value creation and lowers total cost of ownership from high-quality long-lasting products.
- * Proposals should include financial support to third party (FSTP)
 - maximise the number of SMEs involved in small-scale innovation projects. To ensure a focused effort, each third-party beneficiary should receive funding up to EUR 60 000, in projects with an indicative duration of 18 months.

Destination 4: Achieving open strategic autonomy in **digital and emerging** enabling **technologies**

Artificial Intelligence in Science



Temática	RIA/IA/CSA	Ppto Global M€
HORIZON-CL4-INDUSTRY-2025-01-DIGITAL-61: AI Foundation models in science	RIA	30
HORIZON-CL4-INDUSTRY-2025-01-DIGITAL-62: Facilitated cooperation for AI in Science (CSA)	CSA	3

AI @ Cluster 4 / D4: Digital Emerging (+Industry)



HORIZON-CL4-2025-03-DIGITAL-EMERGING-07: GenAI for Robotics and industrial automation (RIA) 85 M €, TRL 2-6

- **Focus:** Increase autonomy, adaptability, versatility, and robustness in dynamic environments.
- **Type A (Robotics):** Foundational models for robotics enhancing learning and operational capabilities, safety
- **Type B (Industry Integration):** Improving EU **industry productivity and competitiveness through GenAI**, robotics, and advanced human interfaces in manufacturing, supply chain uncertainties and worker shortages.



HORIZON-CL4-INDUSTRY-2025-01-DIGITAL-61: AI Foundation Models in Science (RIA), 30 M €, TRL 1 to 4

- **Focus:** Accelerate scientific R&D, advance tailored AI, build foundation models (@ materials, climate, pollution, agriculture), solve challenges, bridge gaps, foster interdisciplinarity, support open science. Specialized tasks.
- **Other:** Collaboration AI & domain scientists (essential), SSH (ethics/legal), international (encouraged).



HORIZON-CL4-INDUSTRY-2025-01-DIGITAL-62: Facilitated Cooperation for AI in Science (CSA). 3 M€, TRL -

- **Focus:** Structure AI resources, SRIA, coordinate scientist network, assess needs, dissemination.
- **Other:** Synergies EOSC, EuroHPC, AI/Data/Robotics Partnership.

Cierre:
02/10/2025



INDUSTRY-2025-01-HUMAN-62: Artificial Intelligence for knowledge valorisation (CSA), 2 M€

- **Focus:** Valorisation of research results into market uptake, societal benefits. Provide an *AI-powered valorisation* toolbox, which will take into account EU policy and regulations on AI-ethics, as well as SSH.
- Multistakeholder collaboration: SMEs, social enterprises, NGOs, *AI-powered valorisation* plans in +100 cases.



INDUSTRY-2025-01-HUMAN-65: System innovation experimentation for Industry 5.0 (IA), 3 M€

- **Focus:** Industry 5.0-driven methodologies through system innovation. Sandboxes, Open innovation, skills gaps. *Digital or AI-enabled tools*.
- Regional Innovation Valleys, New European Bauhaus, DIHs, EIT, ...

STD



Otros Topics (Human/Industry)	Title	Inst.	M€ Project	M€ Topic
INDUSTRY-2025-01-HUMAN-60	Horizon Standardisation Booster (CSA)	CSA	1,5	1,5
INDUSTRY-2025-01-HUMAN-61	Standardisation landscape analyses tool (CSA)	CSA	1	1
INDUSTRY-2025-01-HUMAN-63	Value creation pilots for scaling up innovative solutions (CSA)	CSA	2	2
INDUSTRY-2025-01-HUMAN-64	Pilot initiatives on Technology Infrastructures (CSA)	CSA	0,5 - 1	5
INDUSTRY-2025-01-HUMAN-66	Assessment of Technology Infrastructure needs in Ukraine (CSA)	CSA	1 - 1,5	1,5

Conclusiones

Convocatorias en 2 fases (fase 2 abril 2026): amplias temáticas, 6 topics, 161 M€.

Se mantienen las principales temáticas del área de industria, en los destinos 1 y2. Incluidos los partenariados del período 21-24

- Manufacturing (MiE), Energy intensive industries (P4P), Clean Steel, Construction.

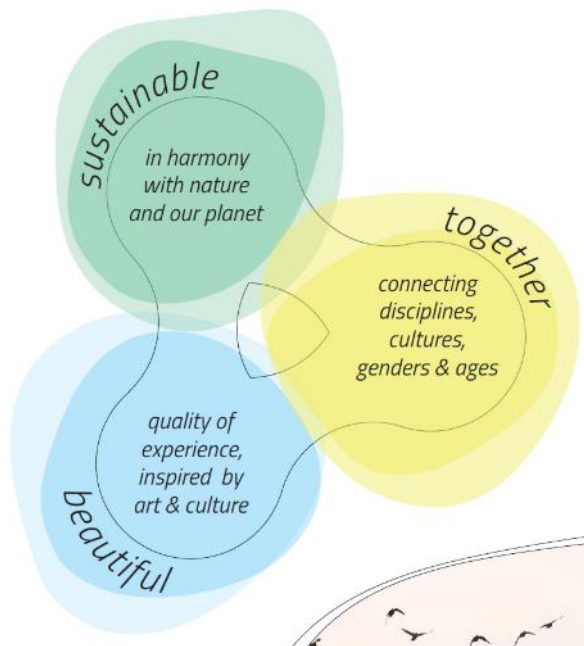
Aparecen nuevas temáticas y nuevos partenariados co-prog y co-fund

- Social circular Enterprises, IAM, Raw materials, Textiles

Convocatorias en destinos 4 y 6. Industria 5.0, IA en robótica,...

- Atentos a las fechas distintas de cierre

New European Bauhaus Facility



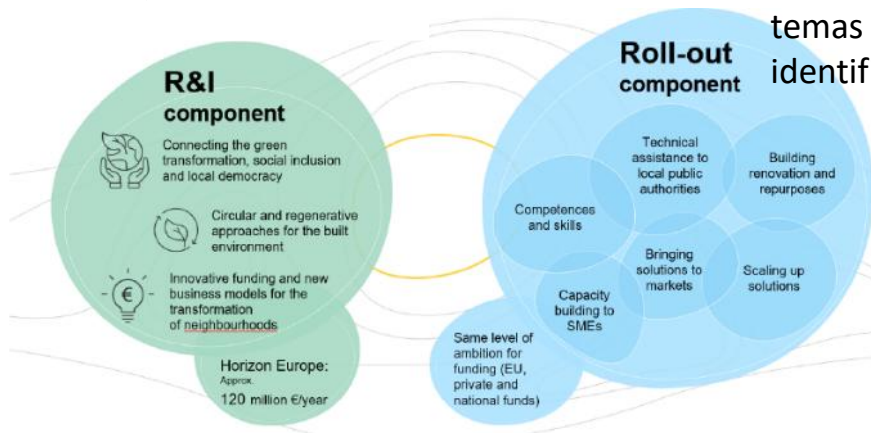
- La **New European Bauhaus** es una iniciativa creativa e interdisciplinaria que abre un **espacio de encuentro** para diseñar futuras maneras de vivir y se sitúa en la encrucijada entre el **arte**, la **cultura**, la **inclusión social**, la **ciencia** y la **tecnología**.
- La iniciativa lleva el **Pacto Verde Europeo** a los lugares donde vivimos y llama a un esfuerzo colectivo por imaginar y construir un futuro **sostenible, inclusivo y hermoso** para la mente y para el alma de todos.

New European Bauhaus Facility

beautiful | sustainable | together

1. **Investigación e Innovación:** desarrollará **soluciones innovadoras** listas para usar con el objetivo de unir a las personas y la transformación verde.

Presupuesto
previsto I+I
aprox.
**120 millones
de euros/año
hasta 2027**



2. **Implementación:** cubrirá el despliegue y la **asistencia técnica** con el apoyo de **varios programas de la UE** en torno a temas y prioridades que se irán identificando.



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Píldora informativa NEB (marzo 2025)

- Inscripción permanece abierta para acceder a los contenidos
- https://eventos.cdti.es/agenda/20250306_NEB_1

Próximo infoday Misiones + NEB 9 de junio

- https://eventos.cdti.es/agenda/misionesHE_bauhaus_2025

Índice

2. Aspectos transversales. Ayuda a preparación de propuestas

- ☐ Templates y límites de páginas
- ☐ Del Lump sum
- ☐ Convocatorias en 2 fases
- ☐ Fase 1: blind Evaluation
- ☐ Ayuda a justificar TRL
- ☐ Business case and exploitation strategy
- ☐ INCO
- ☐ SSH



Acuerdos de Asociación a Horizonte Europa

Nuevos países asociados: Nueva Zelanda, Reino Unido....y Canadá



“Canada associates to **the Pillar II** of Horizon Europe, which funds collaborative research projects across a wide range of domains. Canadian entities can now join and lead research consortia”

Recordatorio. Nuevos países asociados

- **Canada (associated to Pillar II 'Global Challenges and European Industrial Competitiveness', including for the institutionalised European partnerships, and for award procedures implementing Union budget for the year 2024 and onwards)**
- **New Zealand (associated to Pillar II 'Global Challenges and European Industrial Competitiveness' as from the Work Programmes 2023 onwards, including for the institutionalised European partnerships)**
- **United Kingdom (associated to the entire Programme, with the only exception of the EIC fund , for award procedures implementing Union budget for the year 2024 and onwards)**
- **Republic of Korea (applicable to Pillar II 'Global Challenges and European Industrial Competitiveness', including for the institutionalised European partnerships, for award procedures implementing Union budget for the year 2025 and onwards)**
- **Switzerland (applicable to calls under the ERC Work Programme 2024 with opening date after 18 March 2024 and applicable to the entire Programme for award procedures implementing Union budget for the year 2025 and onwards)**

https://ec.europa.eu/info/funding-tenders/opportunities/docs/2021-2027/common/guidance/list-3rd-country-participation_horizon-euratom_en.pdf

Condiciones de admisibilidad

Same general admissibility conditions

- Applications must be submitted before the call deadline, **electronically** via the Funding & Tenders Portal
- Applications must be **complete, readable, accessible and printable**, and include a **plan for the exploitation and dissemination of results**, unless provided otherwise in the specific call conditions.

Proposal page limit

- ❑ RIAs and IAs type of actions: limit for a full application is **45 pages**
- ❑ CSAs: limit is **30 pages**
- ❑ First stage proposals: limit is **10 pages**
- ❑ Exceptions, if any, would be specified in the call text.
 - ❑ Business case and exploitation strategy: **+ 3 pages**
 - ❑ RIAs and IAs + Lump Sum = **50 pages limit**
 - ❑ CSAs + Lump Sum = **33 pages limit**



New

Lump Sum

- Su objetivo principal **es reducir la tasa de error de los PM** (Informes ECA 2019 y 2020)
- **Potencial de simplificación** en relación con la financiación basada en el reembolso de los costes reales, más compleja y propensa a errores
- Pago en base a la **ejecución de la tareas comprometidas en la propuesta**
- **Adaptado a entidades que no disponen de estructuras para la gestión** (PYMEs, entidades con pocos proyectos, etc.)

Incremento MUY relevante de convocatorias LS



[insert programme name (acronym)]

Model Grant Agreement

Lump Sum Grants

((PROGR Lump Sum MGA— Multi & Mono))

Version 1.0
01 November 2024

Lump Sum



MITO

- Los **WPs incompletos** no se pagan
- Los **pagos** se basan en la **obtención de resultados** satisfactorios
- No hay justificación en proyectos LS



REALIDAD

- Los WPs declarados **parcialmente completos** se pueden cobrar
- Los **pagos** se basan en **realización de tareas**
- Los proyectos LS están más centrados en contenidos. **No hay justificación financiera**

Plantilla propuesta 1ª ETAPA / convocatorias DOS ETAPAS



PARTE A

- 1- Información general
- 2- Participantes: Solo datos generales de la organización
- 3- Presupuesto = **TOTAL requested EU contribution (EUR)**

PARTE B: Máximo 10 páginas

- 1- Excelencia
- 2- Impacto: **Solo “Project’s pathways towards impact” (2.1)**

Horizon Europe Programme
Standard Application Form (HE RIA, IA stage 1)

Application form (Part A)
Project proposal – Technical description (Part B)

Evaluación en una o dos etapas



1ª Fase

Criteria	Treshold
Excellence	4
Impact	4
Implementation	n/a
TOTAL	Puede variar

Una etapa/ 2ª Fase

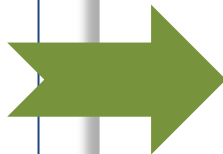
Criteria	Treshold	
Excellence	3	n/a
Impact	3	X1,5
Implementation	3	n/a
TOTAL	10	n/a

Las propuestas que pasan a segunda etapa no pueden superar en tres veces los proyectos que se proponen financiar en la convocatoria ni tampoco debe ser menor de 2 veces y media del número de proyectos financiables.

“Blind Evaluation”, únicamente en 1ª etapa de evaluación



SOLO AFECTA A LAS
CONVOCATORIAS
TWO-STAGE EN SU
PRIMERA FASE



NEW admissibility criterion: Applicants submitting a proposal under the blind evaluation pilot must not disclose their **organisation names, acronyms, logos nor names of personnel** in Part B of their first-stage application.



No **identification data** can be mentioned by applicants in the proposal's **Part B**, otherwise **inadmissible proposal**

Check por la CE antes de la evaluación



Si un partner es identificable, propuesta inadmisibile

Social Sciences and Humanities (SSH)

- ❑ Objetivo:
 - ❑ Comunicación de la ciencia a la sociedad.
 - ❑ Involucrar a diferentes stakeholders
- ❑ **Destination 1: topics Made in Europe, Construction, Materials.**
 - ❑ *To address the requirements above related to business models and to relevant skills (and where applicable to design), **appropriate contributions from Social Sciences and Humanities (SSH) are indispensable.** Where appropriate social partners or social innovation may be considered.*
 - ❑ *Enhance, with the help of these technologies and **related contributions from Social Sciences and Humanities (SSH)**, the flexibility, inclusiveness, safety and well-being of workers in the industrial environment, leading to more attractive jobs in the EU, attracting and retaining talents from new generations (e.g. Generation Z);*
 - ❑ ***Proposals should take into account Social Sciences and Humanities (SSH) contributions regarding human-related barriers** for the uptake of augmentation technologies in industrial environments, such as ergonomics, user experience, comfort, trust, feeling of safety, knowledge sharing and liability in modern production facilities.*
- ❑ **Evaluación (Excellence):** the quality of open science practices including engagement of citizens, civil society and end users where appropriate.

Cooperación Internacional

INCO recomendada en varios topics:



Innovative Advanced Materials

‘Safe and Sustainable by Design’ (SSbD)

Textiles for the Future

International cooperation is encouraged, especially with Japan or Taiwan.

- International cooperation is encouraged, especially with Japan*

International collaboration is encouraged.

International cooperation may be considered, in particular with countries that are advanced in the field.

Cooperación Internacional

INCO recomendada en varios topics:



Innovative Advanced Materials

International cooperation is encouraged, especially with Japan or Taiwan.

- *International cooperation is encouraged, especially with Japan*

NCP Japan
National Contact Point in Japan



Horizon Europe and Japan

As National Contact Point (NCP) in Japan we support Japanese researchers to participate in Horizon programme. [Read more about NCP Japan.](https://www.ncp-japan.jp/en/)

Contact us.



Cooperación Internacional

Raw Materials

Open Strategic Autonomy

Reducir dependencia de terceros en sectores estratégicos

participation in this topic is limited to legal entities established in Member States, associated countries, OECD countries, African Union Member States, MERCOSUR, CARIFORUM, Andean Community and countries with which the EU has concluded strategic partnerships on raw materials.*



Proposals including legal entities which are not established in the countries that fall under the criteria above will be ineligible.

Equipo Clúster 4 Industria Apoyo al participante



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carlos.toledo@cdti.es

Servicios de apoyo al participante

- *Difusión, promoción de las convocatorias*
- *Reuniones presenciales y virtuales*
- *En fases tempranas:*
 - *Revisión de ideas de proyectos*
 - *Interpretación y adaptación al topics*
 - *Apoyo en la búsqueda de consorcios*
- *En fases más maduras:*
 - *Revisión de propuestas en fase de escritura*

NCP4 Industry Services



www.ncp4industry.eu



ncp4industry@apre.it



[@NCP4Industry](https://twitter.com/NCP4Industry)

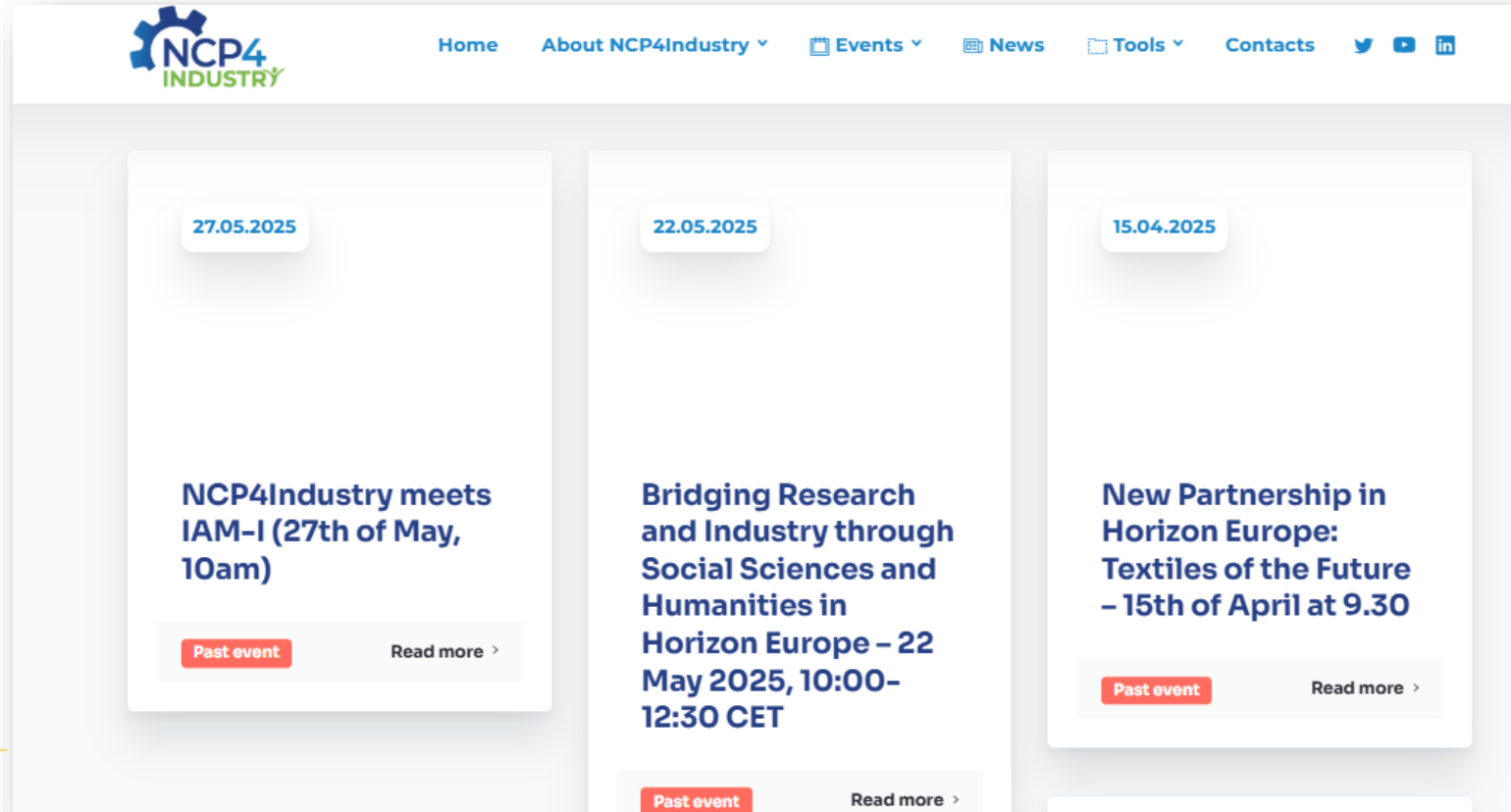


[NCP4Industry](https://www.linkedin.com/company/NCP4Industry)



NCP4 Industry Services

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The screenshot displays the NCP4 Industry Services website. The header features the NCP4 Industry logo (a gear icon with 'NCP4' in blue and 'INDUSTRY' in green) and a navigation menu with links: Home, About NCP4Industry, Events, News, Tools, and Contacts. Social media icons for Twitter, YouTube, and LinkedIn are also present. The main content area shows three event cards, each with a date, title, and a 'Read more' link. The first card is dated 27.05.2025 and titled 'NCP4Industry meets IAM-I (27th of May, 10am)'. The second card is dated 22.05.2025 and titled 'Bridging Research and Industry through Social Sciences and Humanities in Horizon Europe – 22 May 2025, 10:00–12:30 CET'. The third card is dated 15.04.2025 and titled 'New Partnership in Horizon Europe: Textiles of the Future – 15th of April at 9.30'. Each card also includes a 'Past event' label.

NCP4 Industry Services

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27.05.2025

NCP4Industry meets IAM-I (27th of May, 10am)

Past event Read more >

22.05.2025

Bridging Research and Industry through Social Sciences and Humanities in Horizon Europe – 22 May 2025, 10:00–12:30 CET

Past event Read more >

15.04.2025

New Partnership in Horizon Europe: Textiles of the Future – 15th of April at 9.30

Past event Read more >



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para la
internacionalización de la I+D+I española



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