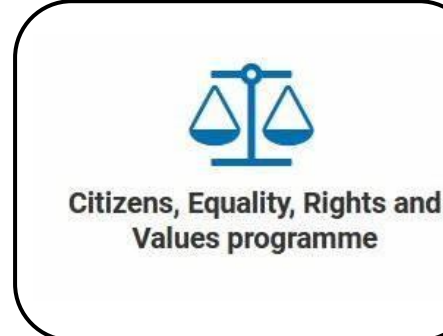


20/02/2024

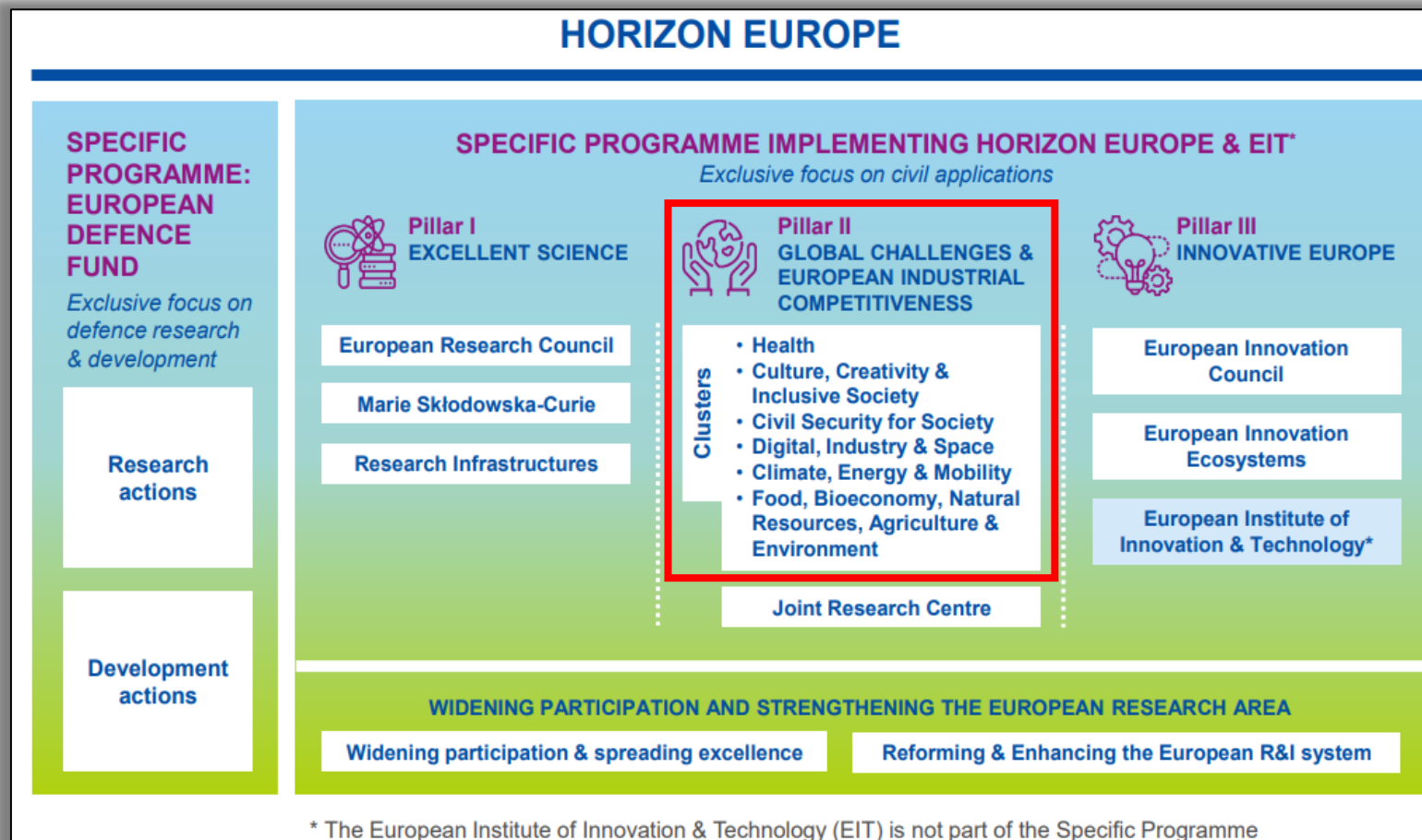
# Serveis de suport d'ACCIÓ als programes EU R+D+I

# Principals Programes Europeus R+D+I per a l'empresa 2021 - 2027

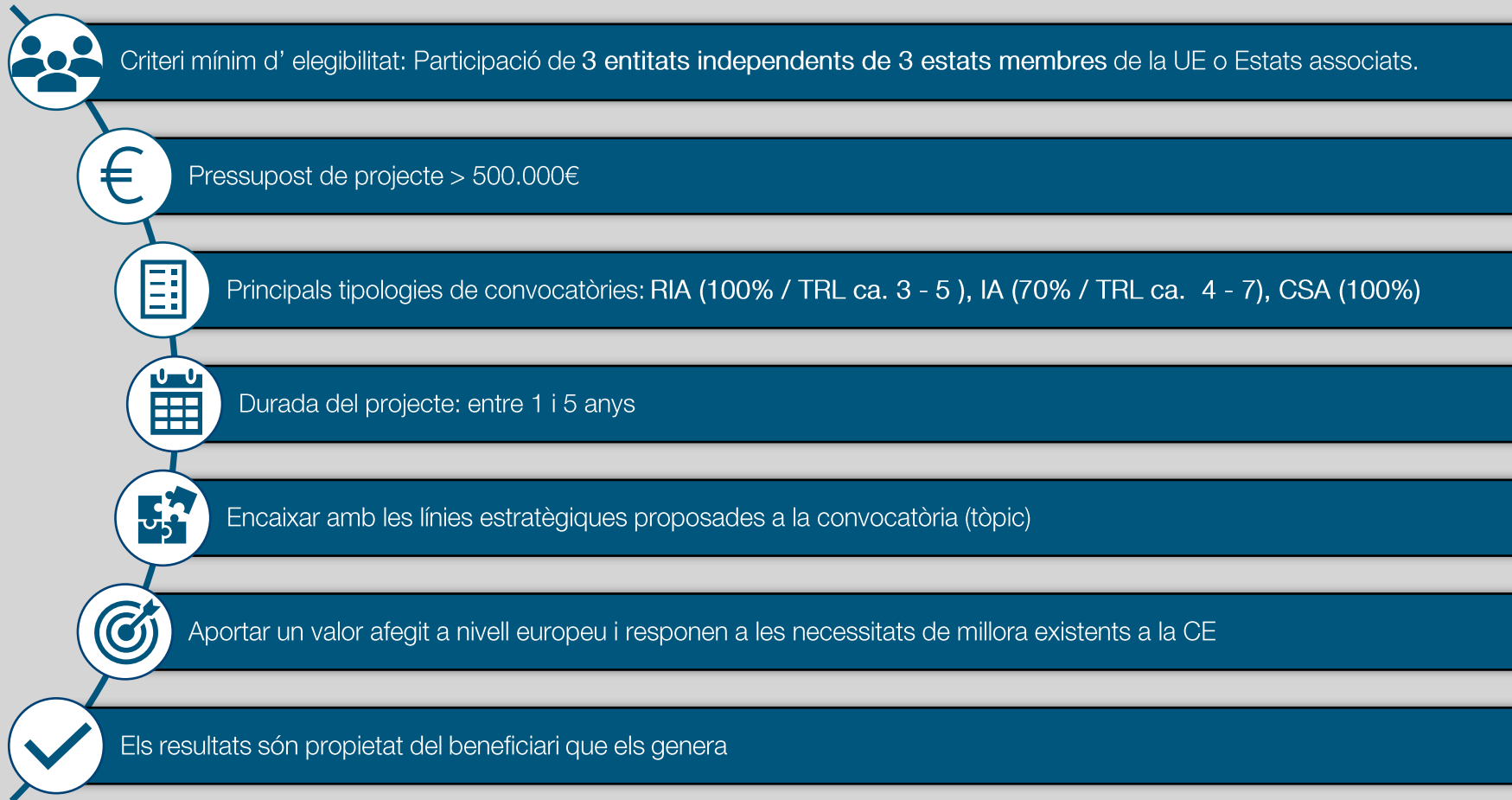


# 1. Horizon Europe

Horizon Europe és el Programa Marc d'RDI de la Unió Europea pel període 2021-2027, amb un pressupost de **€95.5 billion (2021-2027)**



# Horizon Europe – Normativa participació

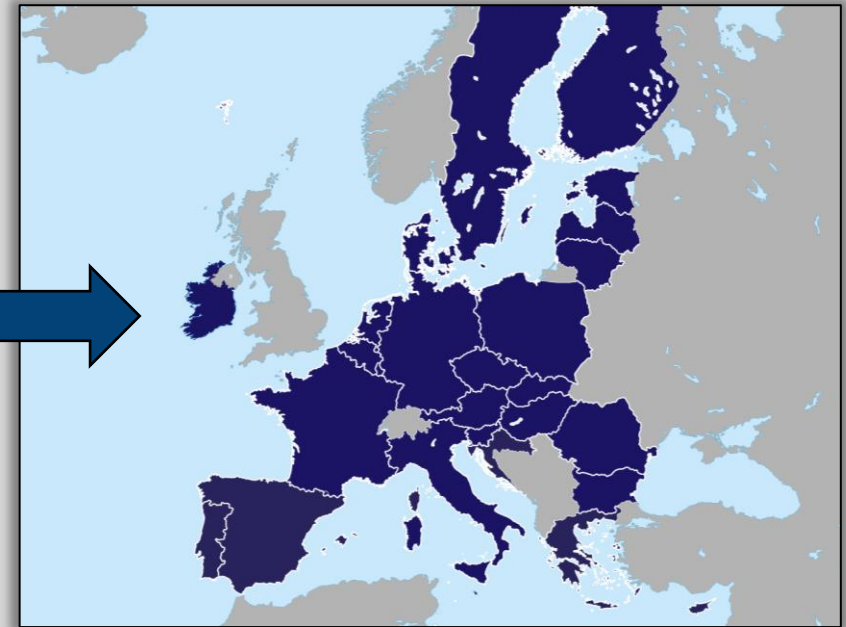


# Horizon Europe – Normativa participació

## Entitats:

- PIMEs
- Grans empreses
- Centres Tecnològics
- Universitats
- Administració Pública
- Altres

Llistat actualitzat  
països associats




# Horizon Europe – Cluster – Work Programme – Topic

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

**3 x Work programmes bianuals**

**1 x Work programme anual**



EN

**Horizon Europe**

**Work Programme 2023-2024**

*7. Digital, Industry and Space*

*(European Commission Decision C(2022)7550 of 6 December 2022)*

*Horizon Europe - Work Programme 2023-2024  
Digital, Industry and Space*

**Call - TWIN GREEN AND DIGITAL TRANSITION 2023 TWO STAGE ..... 55**

Conditions for the Call ..... 55

A New Way to Build, accelerating disruptive change in construction ..... 56

HORIZON-CL4-2023-TWIN-TRANSITION-01-11: Intelligent data acquisition and analysis of materials and products in existing built works (RIA) ..... 56

**Call - TWIN GREEN AND DIGITAL TRANSITION 2024..... 59**

Conditions for the Call ..... 59

Manufacturing Industry..... 60

HORIZON-CL4-2024-TWIN-TRANSITION-01-03: Manufacturing as a Service: Technologies for customised, flexible, and decentralised production on demand (Made in Europe Partnership) (RIA) ..... 61

HORIZON-CL4-2024-TWIN-TRANSITION-01-05: Technologies/solutions to support circularity for manufacturing (Made in Europe Partnership) (RIA) ..... 63

Energy Intensive Process Industries..... 65

HORIZON-CL4-2024-TWIN-TRANSITION-01-32: Optimisation of thermal energy flows in the process industry (Processes4Planet partnership) (IA)..... 65

HORIZON-CL4-2024-TWIN-TRANSITION-01-34: Renewable hydrogen used as feedstock in innovative production routes (Processes4Planet Partnership) (RIA) ..... 67

HORIZON-CL4-2024-TWIN-TRANSITION-01-35: Turning CO2 emissions from the process industry to feedstock (Processes4Planet partnership) (IA) ..... 69

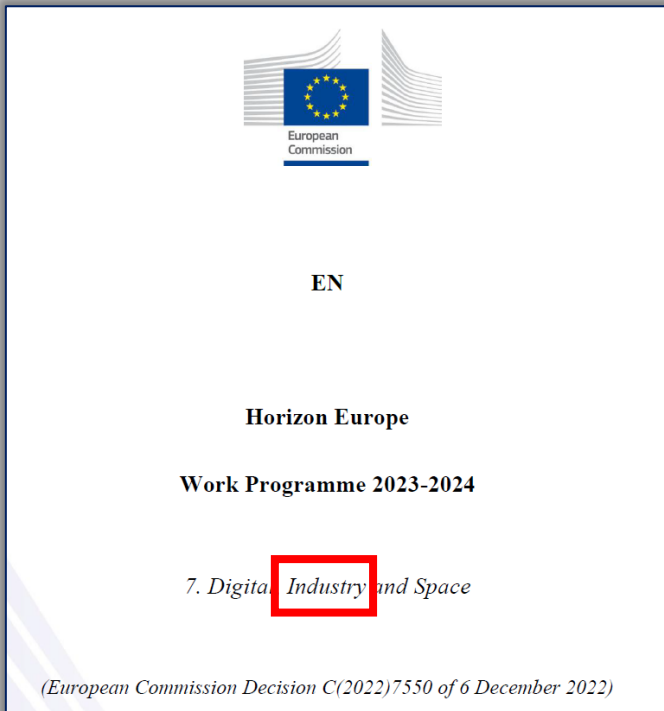
HORIZON-CL4-2024-TWIN-TRANSITION-01-38: Hubs for circularity for industrialised urban peripheral areas (Processes4Planet partnership) (IA) ..... 72

HORIZON-CL4-2024-TWIN-TRANSITION-01-41: Breakthroughs to improve process industry resource efficiency (Processes4Planet partnership) (RIA) ..... 75

HORIZON-CL4-2024-TWIN-TRANSITION-01-44: Digital transformation and ensuring a

# Work Programme 2023-2024 Cluster 4 - Industry

7



**Destination 1: Climate neutral, Circular and Digitised Production**

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

**Opening date**  
19 September 2023

**Deadline date**  
07 February 2024 17:00:00 Brussels time



Cal esperar pel **Work programme 2025** Digital, **Industry** and Space



Opening: ca. 27/06/2024  
Deadlines: ca. 20/11/2024  
Single stage



# Convocatòries europees – Civil security

## Destination 1 Better protect the EU and its citizens against Crime and Terrorism

- **Prevention, detection and deterrence of crime and terrorism** (cybercrime, violence, radicalisation).
- **Enhanced investigation capabilities** (information analysis, intelligence picture, forensics).
- **Protection of citizens in public spaces.**

## Destination 2 Effective management of EU external borders

- **Security of air, land and sea EU borders, infrastructures and activities** (accidents, natural disasters, trafficking, piracy, terrorist attacks, cyber and hybrid threats).
- **Border crossing** (illegal movements of people/goods and protecting fundamental rights).
- **Customs illegal activities or goods** across EU external border and trade flows.

## Destination 3 Resilient Infrastructure

2 x IA  
1 x RIA

- **Resilience of large-scale interconnected systems infrastructures in case of complex attacks, pandemics or natural and man-made disasters** (energy, water, communications, transport, finance etc).
- **Rapid, effective and safe response without substantial human intervention to complex threats and challenges.**
- **Resilient and secure smart cities.**

## Destination 4 Increased Cybersecurity

1 x IA  
1 x RIA

- **Resilient digital infrastructures, systems and processes.**
- **Increased SW, HW and supply chain security.**
- **Strengthen EU cybersecurity capacities and European sovereignty in digital technologies**
- **Cybersecurity management, culture and awareness.**

## Destination 5 Disaster-Resilient Society for Europe

1 x IA  
4 x RIA

- **Understanding, improved knowledge and awareness of disaster related risks by citizens.**
- **Standardisation crisis management.**
- **Coordination of the disaster risk management cycle** (from prevention, preparedness to mitigation, response, and recovery).
- **Strengthen the capacities of first responders** in all operational phases related to any kind of disasters.

## Destination 6 Strengthened Security Research and Innovation

1 x IA

- **Industrialisation, commercialisation, adoption and deployment of successful outcomes of SMEs security research.**





<b>Call - Resilient Infrastructure 2024</b> .....	<b>91</b>
Conditions for the Call .....	91
INFRA01 – Improved preparedness and response for large-scale disruptions of European infrastructures .....	92
HORIZON-CL3-2024-INFRA-01-01: Open Topic .....	92
INFRA02 – Resilient and secure urban areas and smart cities .....	
HORIZON-CL3-2024-INFRA-01-02: Resilient and secure urban planning and new tools for EU territorial entities .....	
HORIZON-CL3-2024-INFRA-01-03: Advanced real-time data analysis used for infrastructure resilience .....	

1. Administration
2. Chemical Industry
3. Energy
4. Financial and Tax System
5. Food Supply Chain
6. Health
7. Information and Communication Technologies (ICT)
8. Nuclear Industry
9. Research Laboratories
10. Space
11. Transport
12. Water

<b>Call - Increased Cybersecurity 2024.....</b>	<b>107</b>
Conditions for the Call .....	107
CS01 - Systems Security and Security Lifetime Management, Secure Platforms, Digital Infrastructures.....	108
HORIZON-CL3-2024-CS-01-01: Approaches and tools for security in software and hardware development and assessment.....	108
CS02 - Cryptography .....	109
HORIZON-CL3-2024-CS-01-02: Post-quantum cryptography transition .....	110

<b>Call - Support to Security Research and Innovation 2024 .....</b>	<b>153</b>
Conditions for the Call .....	153
SSRI 02 – Increased innovation uptake .....	154
HORIZON-CL3-2024-SSRI-01-01: Demand-led innovation through public procurement .....	154
HORIZON-CL3-2024-SSRI-01-02: Accelerating uptake through open proposals for advanced SME innovation .....	158

## Cluster 5

### Horizon Europe

#### Work Programme 2023-2024

*8. Climate, Energy and Mobility*

## Cluster 6

### Horizon Europe

#### Work Programme 2023-2024

*9. Food, Bioeconomy, Natural Resources, Agriculture and Environment*

En cas de dubte, sempre adreçar-se a ...



# Brokerage event\_SICUR 2024\_Cluster 3

14



27 February 2024 - 28 February 2024  
Madrid, Spain

**SICUR 2024 Brokerage  
Event - Cluster 3**

**SICUR 2024 BROKERAGE EVENT**  
INTERNATIONAL SECURITY FAIR / 27 - 28 FEB 2024



# European Partnerships

Iniciatives on la UE, autoritats nacionals i/o el sector privat es comprometen conjuntament a donar suport al desenvolupament i la implementació d'un programa d'activitats de recerca i innovació.

Co-funded  
European  
Partnerships

Institutionalised  
European  
Partnerships

Co-programmed  
European  
Partnerships

## Cluster 4 - Digital & Industry – Partenariats europeus co-programats

AI, Data and Robotics



Made in Europe



Photonics



Process4Planet



Clean steel



# Serveis d'acompanyament gratuïts

Per a empreses i entitats interessades a participar a les convocatòries Horizon Europe.

- Xarxa [EEN](#) (servei alertes, cercador BBDD, publicació cerques catalanes, B2Bs..)
- Xarxa Oficines d'ACCIÓ
- Explora l'H2020 Dashboard
- [Catalonia Open Challenge Platform](#)

- Anàlisi de mercats potencials,
- Pitch inversors
- cerca de socis
- Protecció IPR
- Revisió legal ROL
- Finançament addicional
- Programes d' ACCIÓ



Jornades i Tallers

Assessorament Inicial

Cerca de Socis

Revisió de Propostes amb experts (NCPs)

WINNER PROPOSAL

Revisió d'acord de consorci amb Advocats

Explotació de Projectes Europeus

- Presentació projecte, idea, empresa.
- Presentació dels serveis que oferim.
- Encaix al tòpics de les convocatòries

- Revisió d'idees de projectes amb l'NCP
- Revisió IPR

**Cupons Programes Europeus d' RDI 2024**

Pendent confirmació



# Equip



Jennifer Ruiz

Líder de l'Equip de  
Programes Europeus d'RDI

- Economia Blava



Carla Ruiz

- Biotecnologia
- Salut
- Agricultura
- Alimentació



Iago Garcia  
Hordley

- Digital
- I4.0
- Espai
- Seguretat civil



Helena  
Salmerón

- Medi  
ambient/Clima
- Energia



Núria Soler

- Indústries Creatives
- Cultura
- Societat Inclusiva



Jordina Pons

- Comunicació
- Organització actes



Karim Hassan Hosny

Oficina de Brussel·les



Riánsares López

OPTIMA Auto/mobilitat

## Equip Programes Europeus RDI

# Gràcies!

[rdi.accio@gencat.cat](mailto:rdi.accio@gencat.cat)

<http://een.cat/Programes-Europeus/>

**Contacta'ns!** [rdi.accio@gencat.cat](mailto:rdi.accio@gencat.cat)

934 767 206

[info.accio@gencat.cat](mailto:info.accio@gencat.cat)

Passeig de Gràcia, 129

08008 Barcelona

[accio.gencat.cat](http://accio.gencat.cat)

[catalonia.com](http://catalonia.com)

**Segueix-nos a les xarxes socials!**



[accio\\_cat](#)  
[@Catalonia\\_TI](#)



[linkedin.com/company/acciocat/](https://www.linkedin.com/company/acciocat/)  
[linkedin.com/company/invest-in-catalonia/](https://www.linkedin.com/company/invest-in-catalonia/)

