



Clúster 5 – Horizonte Europa Partenariados - Energía

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1. CONTEXTO GENERAL PARTENARIADOS HE
2. PARTENARIADOS CLUSTER 5
3. PARTENARIADOS ENERGÍA
4. RECOMENDACIONES

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Partenariados – Contexto en Horizonte Europa

Lecciones aprendidas durante la evaluación intermedia de H2020

Racionalizar el entorno de la financiación



NOVEDADES EN HORIZONTE EUROPA

Reformulación de “Partenariados”



- ✓ Simplificación
- ✓ Reducción en número
- ✓ Orientación Estratégica
- ✓ Marco Común
- ✓ Mayor Coherencia
- ✓ Marco temporal

Partenariados HE- Tipos

Definición

Coprogramados:

A partir de memorandos de entendimiento o acuerdos contractuales aplicados independientemente por los socios y por Horizonte Europa

Cofinanciados:

A partir de un programa común acordado y ejecutado por los socios, compromiso de los socios respecto de las contribuciones financieras y en especie

Institucionales:

A partir de una dimensión a largo plazo y de la necesidad de un alto nivel de integración; basados en los artículos 185/187 del TFUE y en el reglamento EIT, apoyados por Horizonte Europa

Socios

Públicos

Privados

COM

Asoc.
Industriales

Públicos

COM

EEMM

Públicos

Privados

Art. 185

COM

EEMM

Industria

Art. 187

Base Legal

MoU COM/AI

Topic en el WP

GA COM/Financiadores

TFUE

Art 187: Creación de una JU

Func.

- Se parte de un Roadmap
- **Dentro del WP HE**
- Convocatorias e instrumentos habituales

- Lanzar **convocatorias conjuntas** internacionales
- Evaluación centralizada
 - Financ. descentralizada.
- Cada agencia financia a sus entidades

- Lanzan **WP independientes**
- Usan instrumentos HE, con algunas excepciones

Partenariados HE- Evolución

Plan Estratégico 2021-2024



cPPP
EJP Cofund
JPI
ERANETS
FET-Flagships
KICc
Art 185
Art 187



- **8 Tipos**
- **119 Iniciativas**
- **20,000 M€ (Sin KICs)**



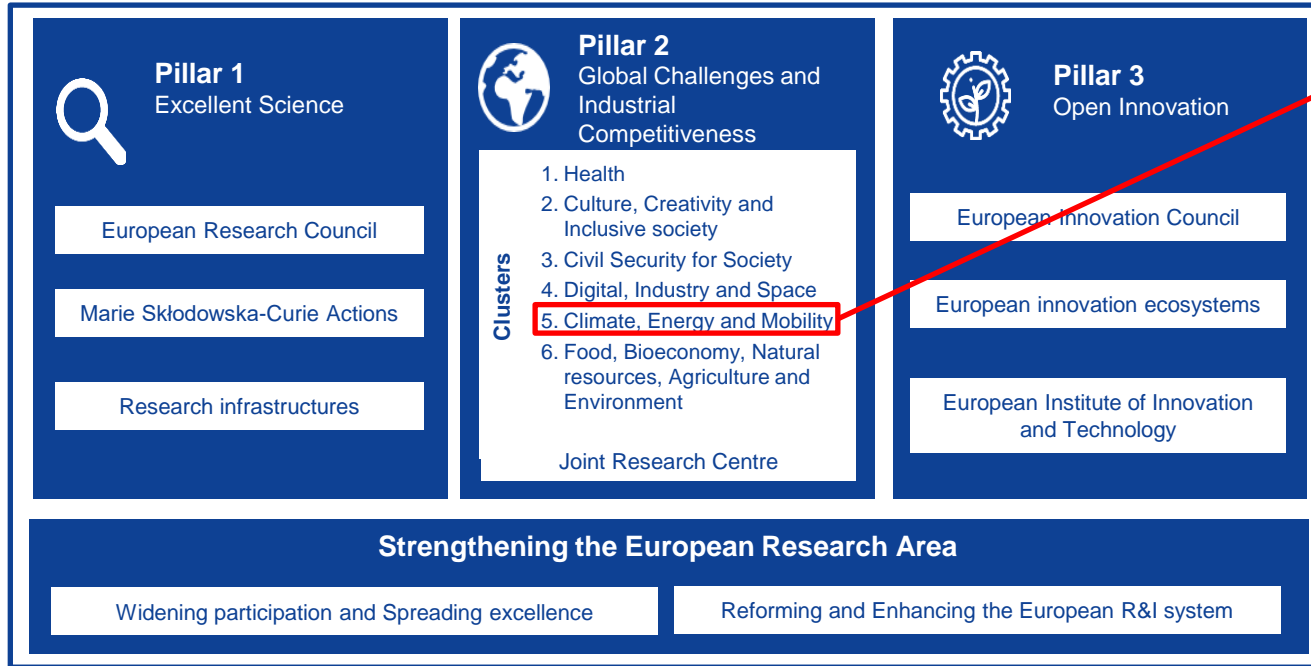
- **3 Tipos**
- **49 Iniciativas**
- **24,335 M€ (Sin KICs)**

En el próximo Plan Estratégico 2025-2027 se establecerá una nueva lista de partenariados coprogramados y cofinanciados.

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Horizon Europe (2021-2027)



~ 15.000 M€

Cluster 5 - Destinos

6 DESTINATIONS

CLIMATE

Climate sciences and responses for the transformation towards climate neutrality

CROSS-CUTTING

Cross-sectoral solutions for the climate transition

ENERGY

Sustainable, secure and competitive energy supply

Efficient, sustainable and inclusive energy use

MOBILITY

Clean and competitive solutions for all transport modes

Safe, Resilient Transport and Smart Mobility services for passengers and goods

Vías de implementación principales:

Programa de Trabajo del Clúster 5

**Partenariados EU
Coprogramados, cofinanciados, institucionales**

**Programa de Trabajo de Misiones: Misión de Clima,
Misión de Ciudades**

Vías de implementación principales:

Programa de Trabajo del Clúster 5

**Partenariados EU
Coprogramados, cofinanciados, institucionales**

**Programa de Trabajo de Misiones: Misión de Clima,
Misión de Ciudades**

11 Partenariados Clúster 5 -

5 Coprogramados –
2.950 M.€

2 Cofinanciados –
340 M.€

4 Institucionales –
4.100 M. €

- **BATTERIES: Towards a competitive European industrial Battery value chain - 925 M.€**
- **People-centric sustainable built environment (Built4People) – 380 M.€**
- **Towards zero-emisión road transporte (2ZERO) – 615 M.€**
- **Zero-emisión waterborne transport – 530 M.€**
- **Connected, Cooperative and Automated Mobility (CCAM) – 500 M.€**
- **Clean Energy Transition (CET) -210 M.€**
- **Driving urban transitions to a sustainable future (DUT) – 130 M.€**
- **Clean Hydrogen – 1000 M.€ + 200 M.€ (Repower-EU)**
- **Europe's rail - 600 M.€**
- **Single European Sky– SESAR 3 – 600 M.€**
- **Clean Aviation - 1.700 M.€**

Partenariados Clúster 5

CLIMATE

**ENERGY (4) –
1.920 M.€**

- People-centric sustainable built environment (Built4People)
- Clean Energy Transition (CET)
- Driving urban transitions to a sustainable future (DUT)
- Clean Hydrogen

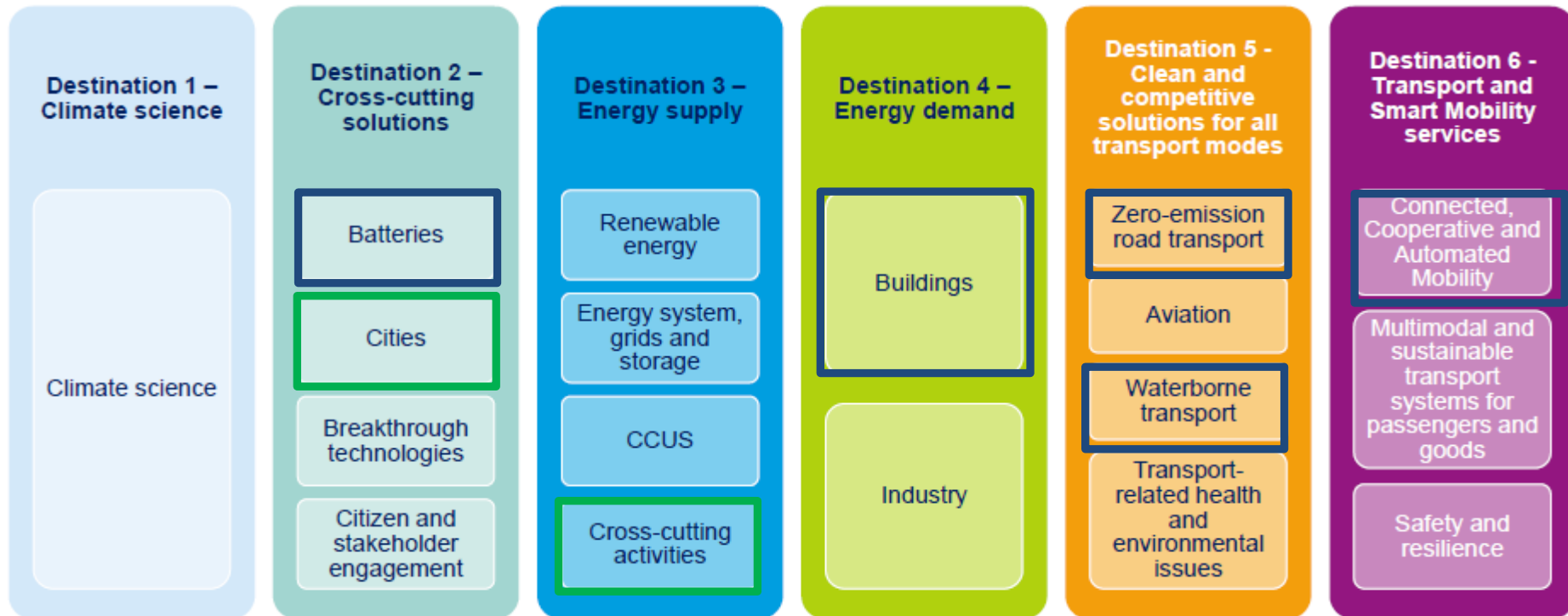
**MOBILITY (7) –
5.470 M.€**

- **BATTERIES:** Towards a competitive European industrial Battery value chain
- Towards zero-emisión road transporte (2ZERO)
- Zero-emisión waterborne transport
- Connected, Cooperative and Automated Mobility (CCAM)
- Europe's rail
- Single European Sky-SESAR 3
- Clean Aviation

Partenariados Clúster 5

Cofinanciado

Coprogramado



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Horizon Europe – Partnerships D2, D3 y D4

Institutional Partnerships

- **Clean Hydrogen**

Separate calls

Multi Annual Work Programme
(MAWP)

Annual Work Programme (AWP)

Co-programmed Partnerships

- **Built4People** | People-centric sustainable built environment
- **Batteries** | For stationary applications and e-mobility

Calls in WorkProgramme of Cluster 5

* **Built4People: Destination 4**

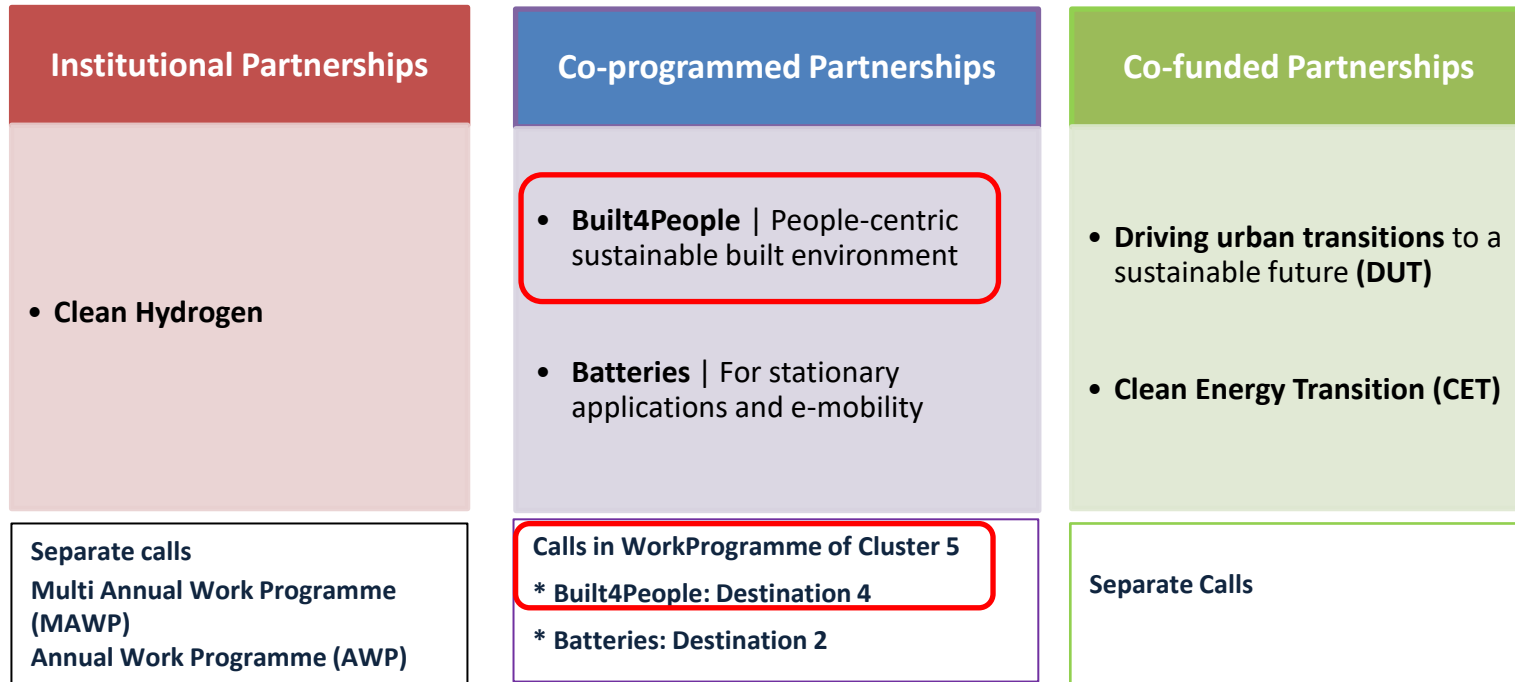
* **Batteries: Destination 2**

Co-funded Partnerships

- **Driving urban transitions** to a sustainable future (**DUT**)
- **Clean Energy Transition (CET)**

Separate Calls

Horizon Europe – Partnerships D2, D3 y D4



Built4People – B4P- Partnership

HORIZON 2020
EeB -cPPP–Energy
Efficiencyin Buildings



[EeB PPP Project Review 2021.pdf \(ectp.org\)](#)

HORIZON EUROPE
People-centric sustainable
built environment
(Built4People)



Approach:

- People-centric holistic innovation
- High quality architecture → low carbon, highly energy & resource efficient built env.
- Drive the societal and economic transition towards sustainability.

Coordination:

EC: DG ENER Lead contact in co-creation process among 12 EC services responsible for the policies focusing on the built environment.

Partners others than the EU:



[Home \(ectp.org\)](#)



[Europe - World Green Building Council \(worldgbc.org\)](#)



Partenariado coprogramado Built4People – Contexto Político

2020

14 Oct



Tackling **energy poverty** and **worst-performing buildings**



Renovation of **public buildings** such as schools, hospitals and public administrations



Decarbonisation of **heating and cooling**

The new European Bauhaus (NEB)

2021

Oct



-36% for final consumption

A more energy-efficient public sector

The public sector will contribute to energy efficiency by:

- **reducing its final consumption by 1.7% annually**, or alternatively, by at least 1.9% each year, if public transport and the armed forces are excluded (compulsory measure)
- **renovating buildings** (equal to 3% of public building floor space per year) to improve their energy performance
- **revising public procurement procedures** to better integrate efficiency requirements



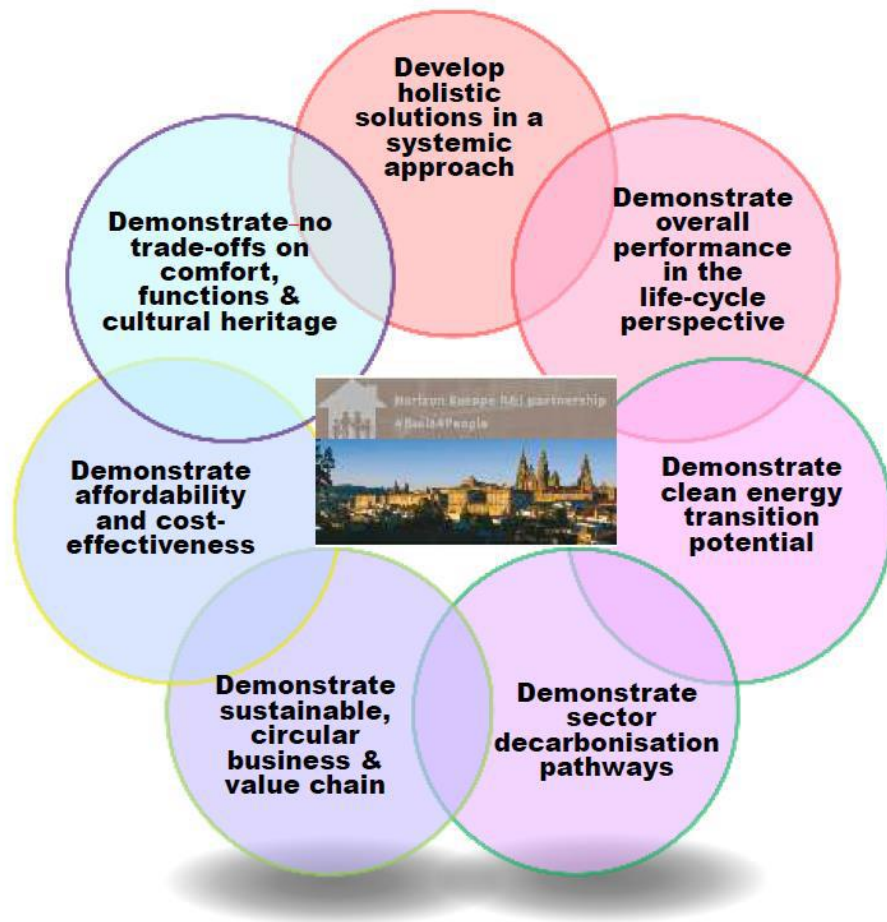
2022

May



Marzo-2023: Acuerdo parcial entre Parlamento y Consejo Europeo: Member states should **collectively ensure a reduction of energy consumption of at least 11.7% at EU level by 2030** (compared to the projections of the 2020 Reference Scenario).

Built4People – B4P- Partnership - Objectives



Horizon Europe – Partnerships D2, D3 y D4

Institutional Partnerships

- **Clean Hydrogen Europe (CHE)**

Separate calls

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Calls in WorkProgramme of Cluster 5

- * **Built4People: Destination 4**
- * **Batteries: Destination 2**

Co-funded Partnerships

- **Driving urban transitions to a sustainable future (DUT)**
- **Clean Energy Transition (CET)**

Separate Calls

Co-fund “Driving Urban Transition”

Partnership Concept



Positive Energy Districts and Neighbourhoods transforming the urban energy system



Downsizing District Doughnuts
an integrated approach for urban greening and circularity transitions



The 15 Minutes Cities
rethinking the urban mobility system and space

FECHAS IMPORTANTES

Soft Launch: July 2023

Call opening: early September 2023

Submission deadline **pre-proposals: 21 Nov 2023**

Submission deadline **full-proposals: 30 Apr 2024**

Web de DUT: <https://dutpartnership.eu/>

Topic 1: Energy Resilience and Energy Poverty

Topic 2: Urban Regeneration and Refurbishment

Topic 3: Enabling Systems for Local Energy Transitions: Collaboration and Sustainable Investment

Topic 1: The Built Environment as a Resource Base

Topic 2: Knowledge and optimisation of resources flows between urban and rural areas.

Topic 3: Planning and Designing urban areas with Nature: Towards a Regenerative Urbanism

Topic 1: Integrated Policies and Evidence to Reduce Car-dependency

Topic 2: Mobility and Planning Policies for Proximity-oriented Developments

Topic 3: Empower People for Urban Mobility Transitions

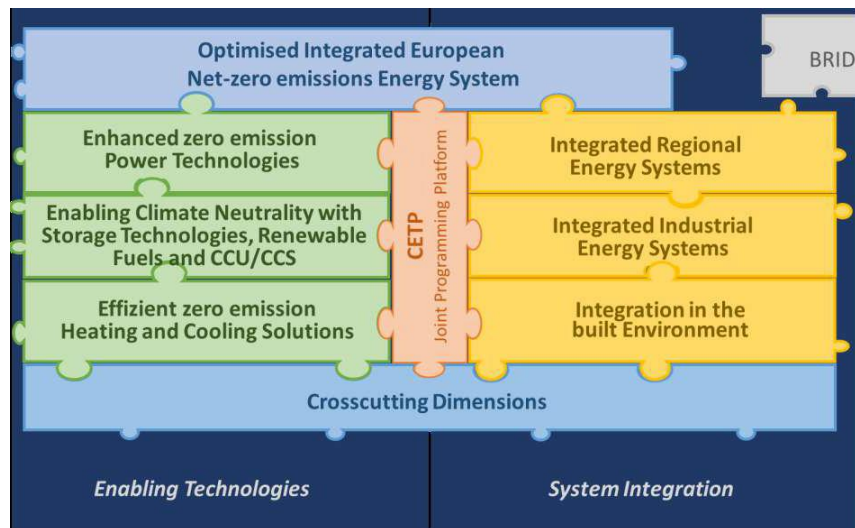
Contactos:

CDTI: partenariadoshe@cdti.es

AEI: urban@aei.gob.es

Co-fund “Clean Energy Transition” (CET)

Challenges



FECHAS IMPORTANTES

Soft Launch: June 2023

Call opening: September 2023

Submission deadline **pre-proposals: 22 Nov 2023**

Submission deadline **full-proposals: 27 Mar 2024**

Web de CET: [Joint Call 2023](#) | [CETPartnership](#)

Contactos:

CDTI: partenariadoshe@cdti.es

AEI: urban@aei.gob.es

Agencias regionales

Horizon Europe – Partnerships D2, D3 y D4

Institutional Partnerships

- Clean Hydrogen Europe (CHE)

Separate calls

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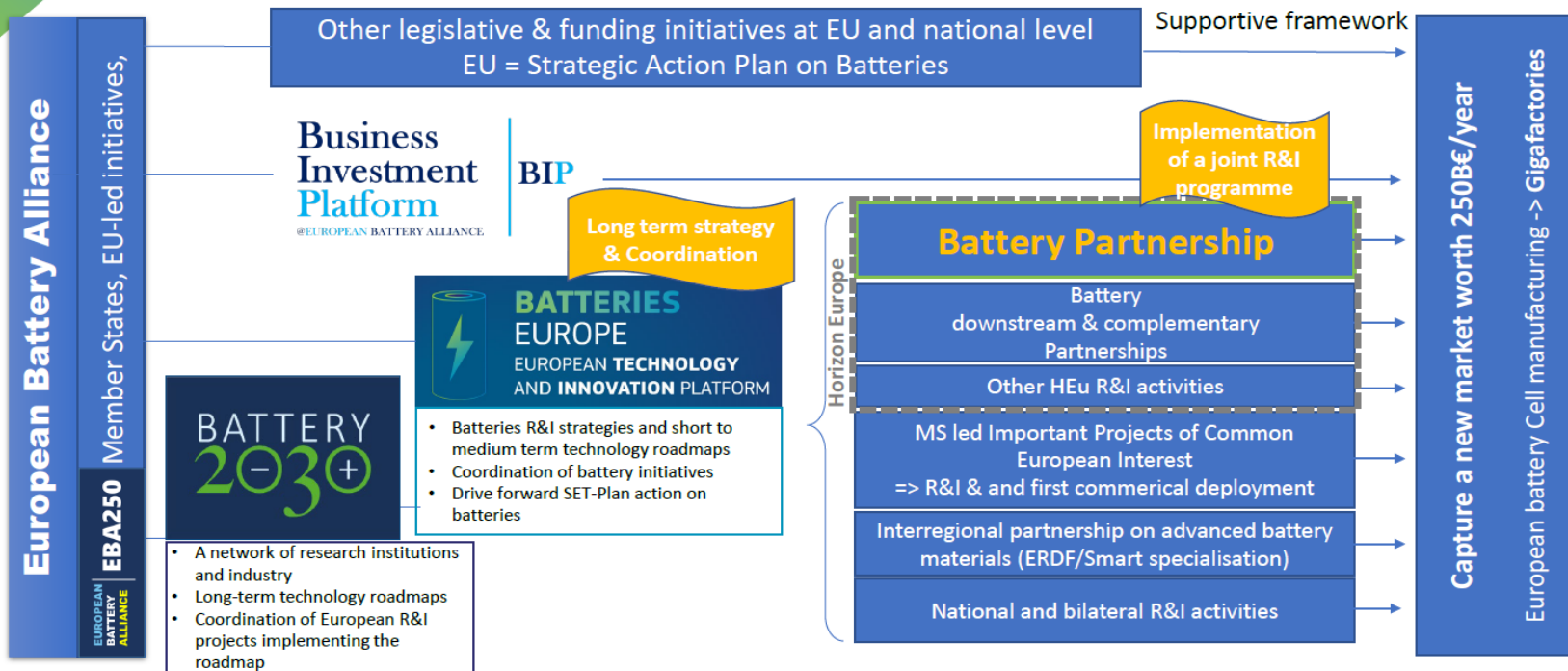
Co-funded Partnerships

- **Driving urban transitions** to a sustainable future (DUT)
- **Clean Energy Transition (CET)**

Separate Calls

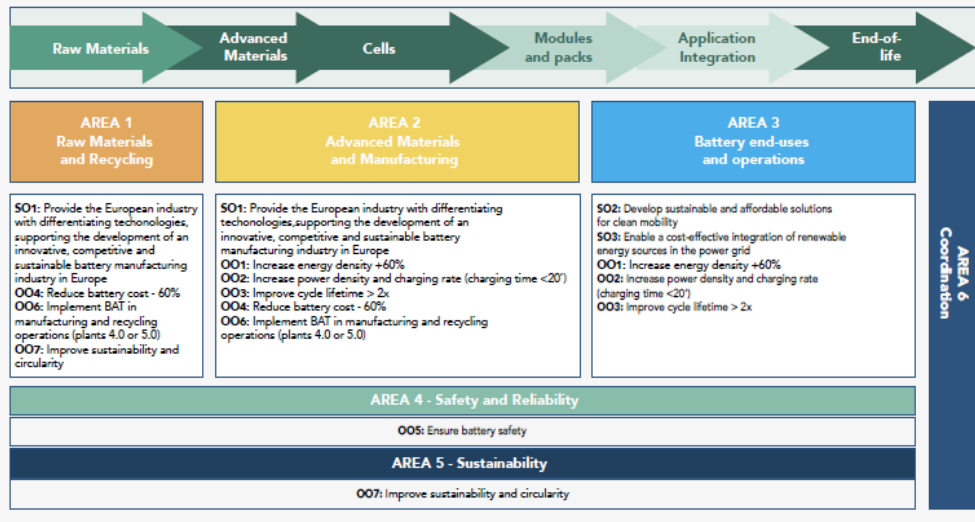
Baterias: Contexto político europeo

The European R&I landscape for batteries



Partenariado coprogramado en Baterías “Battery Partnership”

Figure 13 | R&I areas in line with the specific and technical objectives of the partnership.



For the battery applications sectors with a **dedicated partnership** (such as road, waterborne, airborne and rail transports) the dedicated application-oriented partnership will take the lead on the **downstream R&I segments activities** specific to its sector, especially for the integration of batteries in their specific applications.



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Recomendaciones

Activa participación en las Asociaciones Industriales / Plataformas Tecnológicas Europeas u otras entidades, que constituyen la parte privada de los Partenariados Institucionales (Art 187) y Partenariados Coprogramados.



Participar en la definición de las agendas de Investigación e Innovación de dichos partenariados

Clean Hydrogen Partnership:

“Hydrogen Europe” – Industria hydrogeneurope.eu

“Hydrogen Europe Research” – Grupos de Investigación hydrogeneuroperesearch.eu

Built4People Partnership:



Batteries Partnership:

“BEPA-Batteries European Partnership Association” [BEPA – BATT4EU \(bepassociation.eu\)](http://BEPA – BATT4EU (bepassociation.eu))

Más información

Portal español Horizonte Europa

<https://www.horizonteeuropa.es/>

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-  RSS
-  ESHorizonte2020

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@HE_Energia_CDTI



Horizonte Europa Clúster 5 Energía. CDTI

https://twitter.com/HE_Energia_CDTI

Para cualquier consulta Clúster 5 – Energía y sus partenariados.

Luisa Revilla
luisa.revilla@cdti.es

Cristina Garrido
cristina.garrido@cdti.es



Mantente informado a través del Portal español de Horizonte Europa

www.horizonteeuropa.es