

PERIN

Portugal in Europe
Research and Innovation Network



Parcerias Institucionalizadas na área da Mobilidade @ Horizonte Europa

7 dez 2021

Horizon Europe (2021-2027)

HE
95,5 mM€

25,01 mM€



Pillar I
EXCELLENT SCIENCE

European Research Council

Marie Skłodowska-Curie

Research Infrastructures

53,5 mM€



Pillar II
GLOBAL CHALLENGES &
EUROPEAN INDUSTRIAL
COMPETITIVENESS

Clusters

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

Joint Research Centre

13,6 mM€



Pillar III
INNOVATIVE EUROPE

European Innovation Council

European innovation ecosystems

European Institute of Innovation & Technology*

3,4 mM€

WIDENING PARTICIPATION AND STRENGTHENING THE EUROPEAN RESEARCH AREA

Widening participation & spreading excellence

Reforming & Enhancing the European R&I system

2022 Work Programmes – Mobility R&I in Pillar II

Mobility in Cluster 5:



- **Destination 2: Cross-sectorial solutions**
 - Batteries
- **Destination 5: Clean and competitive solutions for all transport modes**
 - Aviation
 - Waterborne transport (ZEWT)
 - Zero-emission road transport (2ZERO)
 - Impact of transport on environment and human health
- **Destination 6: Safe, Resilient Transport and Smart Mobility services for passengers and goods**
 - Connected, Cooperative and Automated Mobility (CCAM)
 - Multimodal and sustainable transport systems for passengers and goods
 - Safety and resilience
- **Institutionalized partnerships (Art 187):**
 - [Clean Aviation](#)
 - [Clean Hydrogen for Europe](#)
 - [Transforming Europe's rail system](#)
 - [Integrated Air Traffic Management \(ATM\)](#)

European Partnerships in Cluster 5

Energy

Mobility

Included in the Cluster 5 Work Programme

People-centric sustainable built environment (Built4People)

European Partnership for an Industrial Battery Value Chain

Towards zero-emission road transport (2ZERO)
 Connected, Cooperative and Automated Mobility (CCAM)
 Zero-emission waterborne transport

Clean Energy Transition (CET)

Driving urban transitions to a sustainable future (DUT)

Have their own Work Programmes

Clean Hydrogen for Europe

Clean Aviation
 Transforming Europe's rail system
 Integrated Air Traffic Management (ATM)

Single Basic Act (SBA) – Lays out the framework for Institutionalized Partnerships

19/11/2021 - Commission welcomes approval of 10 European Partnerships to accelerate the green and digital transition

1. Global Health EDCTP3
2. Innovative Health Initiative
3. Key Digital Technologies
4. Circular Bio-based Europe
5. **Clean Hydrogen**
6. **Clean Aviation**
7. **Europe's Rail**
8. **Single European Sky ATM Research 3**
9. Smart Networks and Services
- 5 10. Metrology

Mariya Gabriel, Commissioner for Innovation, Research, Culture, Education and Youth said:

“These Partnerships are all about pooling research and innovation resources and ensuring that research results are turned into useful innovations for the citizens. With Horizon Europe we are committed to emerge from the climate crisis, provide sustainable solutions to major environmental challenges, improve citizens’ health and accelerate a sustainable recovery. This will benefit all Europeans.”

Institutionalized Partnerships in Cluster 5

Institutionalised Partnerships (Art 187.)

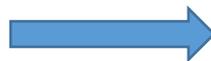
- Clean Hydrogen - *successor of [FCH-JU](#)*
- [Clean Aviation](#) - *successor of **Clean Sky 2***
- Europe's rail - *successor of [Shift2Rail](#)*
- Single European Sky ATM Research 3 - *successor of [SESAR 2020](#)*

- Public Private Partnerships between the EU and the European industry
- The rules applicable to these partnerships are defined in the [Single Basic Act](#)
- They have their own image and website, but the Calls will be published on the [Funding and Tenders Portal](#)
- Institutionalised partnerships can have **Calls for Associate Members** alongside regular **Open Calls**

Institutionalized Partnerships in Cluster 5

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European associations supporting these Partnerships

- [Hydrogen Europe](#)



- Clean Sky 2 JU



- [UNIFE - The European Rail Supply Industry Association](#)



- [EUROCONTROL](#)



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Horizon Europe commitments
• 1000 M€
• 1700 M€
• 600 M€
• 600 M€

Commitments from members other than the Union
• 1000 M€
• 2400 M€
• 600 M€
• 1000 M€

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Institutionalised Partnerships (Art 187.)

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- The partnerships should update their websites in the next few weeks
- There should be significant activity in the 1st semester of 2022 with:
 - Publication of **Calls for Associate Members**
 - Publication of the first **Work Programmes**
- To be informed, it is important to subscribe to their newsletters

Horizonte Europa @ ANI

Pilares II & III

Contactos



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NATÁLIA
DIAS



POLINA
PEREIRA



RITA
SILVA



SOFIA
AZEVEDO



SOFIA
BRAVO

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FCT Fundação
para a Ciência
e a Tecnologia



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E INOVAÇÃO
BIOMÉDICA

Erasmus+

DGES
Direção-Geral do Ensino Superior

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