



TECHNOLOGICKÉ  
CENTRUM AV ČR

# CLUSTER 5 – EUROPEAN PARTNERSHIPS

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# EUROPEAN PARTNERSHIPS

European Partnerships bring the European Commission and private and/or public partners together to address some of Europe's most pressing challenges through concerted research and innovation initiatives. They are a key implementation tool of Horizon Europe, and contribute significantly to achieving the EU's political priorities.

Institutionalised Partnerships

Co-Programmed Partnerships

Co-Funded Partnerships

EIT - KICs

# Overview of 49 European Partnerships

## PILLAR II - Global challenges & European industrial competitiveness

## PILLAR III - Innovative Europe

CLUSTER 1: Health	CLUSTER 4: Digital, Industry & Space	CLUSTER 5: Climate, Energy & Mobility	CLUSTER 6: Food, Bioeconomy, Agriculture, ...	EIT	SUPPORT TO INNOVATION ECOSYSTEMS
Innovative Health Initiative	Key Digital Technologies	Clean Hydrogen	Circular Bio-based Europe	InnoEnergy	Innovative SMEs
Global Health Partnership	Smart Networks & Services	Clean Aviation	Rescuing Biodiversity to Safeguard Life on Earth	Climate	
Transformation of health systems	High Performance Computing	Single European Sky ATM Research 3	Climate Neutral, Sustainable & Productive Blue Economy	Digital	
Chemicals risk assessment	European Metrology (Art. 185)	Europe's Rail	Water4All	Food	
ERA for Health	AI-Data-Robotics	Connected and Automated Mobility (CCAM)	Animal Health & Welfare*	Health	
Rare diseases*	Photonics	Batteries	Accelerating Farming Systems Transitions*	Raw Materials	
One-Health Anti Microbial Resistance*	Made in Europe	Zero-emission waterborne transport	Agriculture of Data*	Manufacturing	
Personalised Medicine*	Clean steel – low-carbon steelmaking	Zero-emission road transport	Safe & Sustainable Food System*	Urban Mobility	
Pandemic Preparedness* <i>Co-funded or co-programmed</i>	Processes4Planet	Built4People		Cultural and Creative Industries	
	Global competitive space systems**	Clean Energy Transition			
		Driving Urban Transitions			

### CROSS-PILLARS II AND III

European Open Science Cloud

- Institutionalised Partnerships (Art 185/7)
- Institutionalised partnerships / EIT KICs
- Co-Programmed
- Co-Funded

\* Calls with opening dates in 2023-24

\*\* Calls with opening dates not before 2022



# INSTITUTIONALISED PARTNERSHIPS

Partnership between EC and member states and/or industry.

Usually Joint Undertaking.

Institutionalised partnerships will only be implemented where other parts of the Horizon Europe programme, including other types of partnership, would not achieve the desired objectives or expected impacts.

These partnerships have their own budget, SRIA, Work Programme, calls, rules for participation, IPR.

Information about calls are published at partnership web pages and at a portal Funding and Tender Opportunities.

<https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-search>.

4 institutionalised partnerships in cluster 5:

Clean Hydrogen; Clean Aviation, SESAR, Europe's Rail

# INSTITUTIONALISED PARTNERSHIPS

## CLEAN HYDROGEN

- The Clean Hydrogen Partnership's main objective is to contribute to EU Green Deal and Hydrogen Strategy through optimised funding of R&I activities.
- Strategic Research Innovation Agenda was approved in February 2022.
- [file:///C:/Users/skarka/Downloads/Clean%20Hydrogen%20JU%20SRIA%20-%20approved%20by%20GB%20-%20clean%20for%20publication%20\(ID%2013246486\)%20\(1\).pdf](file:///C:/Users/skarka/Downloads/Clean%20Hydrogen%20JU%20SRIA%20-%20approved%20by%20GB%20-%20clean%20for%20publication%20(ID%2013246486)%20(1).pdf)
- One-year Workprogramme for 2023 is not available yet.
- In 2022 was published one call 1.3.2022 with deadlines 31.5.2022 a 20.9.2022 and budget 300 mil. €.

[https://www.clean-hydrogen.europa.eu/index\\_en](https://www.clean-hydrogen.europa.eu/index_en)

# **INSTITUTIONALISED PARTNERSHIPS**

## **CLEAN AVIATION**

- The Clean Aviation Joint Undertaking is the European Union's leading research and innovation programme for transforming aviation towards a sustainable and climate neutral future.
- [https://clean-aviation.eu/sites/default/files/2022-01/CAJU-GB-2021-12-16-SRIA\\_en.pdf](https://clean-aviation.eu/sites/default/files/2022-01/CAJU-GB-2021-12-16-SRIA_en.pdf)
- [Amended Work Programme and Budget 2022-2023 \(March 2022\)](#)
- [Technical Amendment of Work Programme and Budget 2022-2023 \(July 2022\)](#)

According to the Work Programme opening of the call 2023 is planned in the first quarter 2023. Topics are available now.

<https://www.clean-aviation.eu/>

# INSTITUTIONALISED PARTNERSHIPS

## SESAR

- SINGLE EUROPEAN SKY AIR TRAFFIC MANAGEMENT RESEARCH 3 <https://www.sesarju.eu/>
- The SESAR 3 Joint Undertaking is an institutionalised European partnership between private and public sector partners set up to accelerate through research and innovation the delivery of the Digital European Sky.

[View Strategic and Research Agenda for the Digital European Sky](#)

- MULTIANNUAL WORK PROGRAMME SESAR 3 Joint Undertaking 2022-2031

<https://www.sesarju.eu/sites/default/files/documents/reports/SESAR%203%20Multiannual%20Workprogramme%202022-2031.pdf>

- SESAR 3 Joint Undertaking BIENNIAL WORK PROGRAMME 2022-2023 First amended version  
<https://sesarju.eu/node/4115>

Topics for 2023 are not available.

# SESAR Innovation Days

5-8 December 2022  
Budapest



# **INSTITUTIONALISED PARTNERSHIPS**

## **EUROPE´S RAIL**

- <https://rail-research.europa.eu/>
- The objective of Europe´s Rail Joint Undertaking is to deliver a high capacity integrated European railway network by eliminating barriers to interoperability and providing solutions for full integration, covering traffic management, vehicles, infrastructure and services, aiming to achieve faster uptake and deployment of projects and innovations.
- [Europe´s Rail Master Plan](#)
- [Multi Annual Work Programme](#)
- [Amended Europe´s Rail Work Programme 2022-2024](#)
- The 2022 call is open with deadline December 14th, 2022.
- Topics for 2023 are not available now. .

# CO-PROGRAMMED PARTNERSHIPS 1

These are partnerships between the Commission and mostly private (and sometimes public) partners.

A **memorandum of understanding** is the basis for the cooperation in these partnerships, as it specifies the partnership's objectives, the commitments from both sides and the governance structure.

Strategic document **Strategic Research and Innovation Agenda** for individual partnership.

No undertaking.

Financed from cluster 5 budget.

Topics and calls are planned and published in Cluster 5 **Work Programme**.

Call information are published at Funding and Tender Opportunities Portal

<https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-search>.

5 co-programmed partnerships in cluster 5:

- Automated mobility , Batteries, Waterborne Transport, Road Transport, Built4People

# CO-PROGRAMMED PARTNERSHIPS 2

**CCAM – Connected, cooperative and automated mobility** <https://www.ccam.eu/>

The goal of CCAM is to create a more user-centered and inclusive mobility system, increasing road safety while reducing congestion and environmental footprint.

SRIA [https://www.ccam.eu/wp-content/uploads/2022/05/CCAM\\_SRIA-report\\_web.pdf](https://www.ccam.eu/wp-content/uploads/2022/05/CCAM_SRIA-report_web.pdf)

**BATT4EU** is a partnership that aims to achieve a competitive and sustainable European industrial value-chain for e-mobility and stationary applications. It is a partnership gathering the EC and BEPA association, which regroups all the battery stakeholders from the European Research community.

SRIA [https://bepassociation.eu/wp-content/uploads/2021/09/BATT4EU\\_reportA4\\_SRIA\\_V15\\_September.pdf](https://bepassociation.eu/wp-content/uploads/2021/09/BATT4EU_reportA4_SRIA_V15_September.pdf)

<https://bepassociation.eu/about/batt4eu-partnership/>

# CO-PROGRAMMED PARTNERSHIPS 3

**Zero-emission Waterborne Transport** <https://www.waterborne.eu/partnership/partnership>

The Partnership will develop and demonstrate deployable technological solutions which will be applicable for the decarbonisation and the elimination of other harmful emissions of main ship types and services.

SRIA

[https://www.waterborne.eu/images/documents/201021\\_SRIA\\_Zero\\_Emission\\_Waterborne\\_Transport\\_spread.pdf](https://www.waterborne.eu/images/documents/201021_SRIA_Zero_Emission_Waterborne_Transport_spread.pdf)

# CO-PROGRAMMED PARTNERSHIPS 4

Towards zero emission road transport (2Zero) <https://www.2zeroemission.eu/>

The Towards zero emission road transport (2Zero) is a partnership funded aiming at accelerating the transition towards zero tailpipe emission road mobility across Europe.

2Zero Strategic Research and Innovation Agenda (2021)

<https://www.2zeroemission.eu/documents/>

## Built4People

The partnership brings together the whole value chain to accelerate people-centric innovation in the built environment that drives the transition towards a sustainable society and economy, relying on the active engagement of its partners and a European network of Innovation Clusters.

Built4People – SRIA/Roadmap

<https://www.kowi.de/Portaldata/2/Resources/heu/coop/he-built4people-sria-2022-27.pdf>



# THANK YOU FOR YOUR ATTENTION!

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