



Innovate
UK

Horizon Europe for Zenzic

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Innovate
UK

HORIZON EUROPE

THE NEXT EU RESEARCH & INNOVATION
PROGRAMME (2021 – 2027)

Horizon Europe National Contact Points (NCPs)

Team of national advisors, appointed by the Government to support UK organisations to successfully participate in Horizon Europe by:

- Raising Awareness of the programme
- Helping you find the right Topic
- Identifying the best ways to find partners
- Navigating the EU funding & tender opportunities portal
- Developing the proposal
- Answering any other Horizon Europe related questions

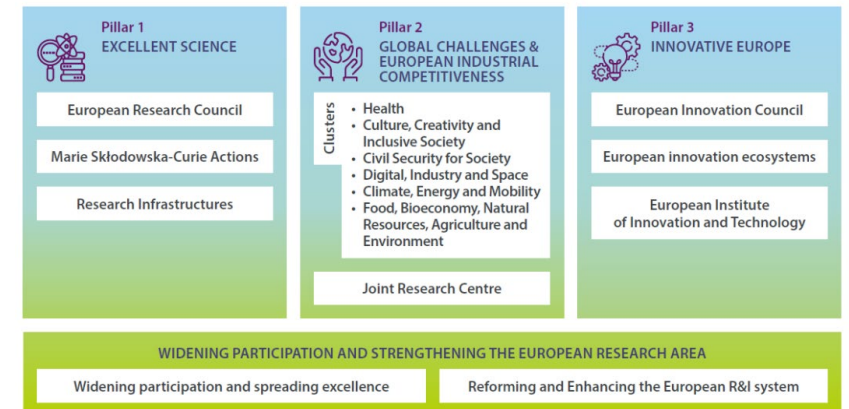
<https://www.gov.uk/business-finance-support/horizon-europe-funding>



Find National Contact
Points from all
participating countries

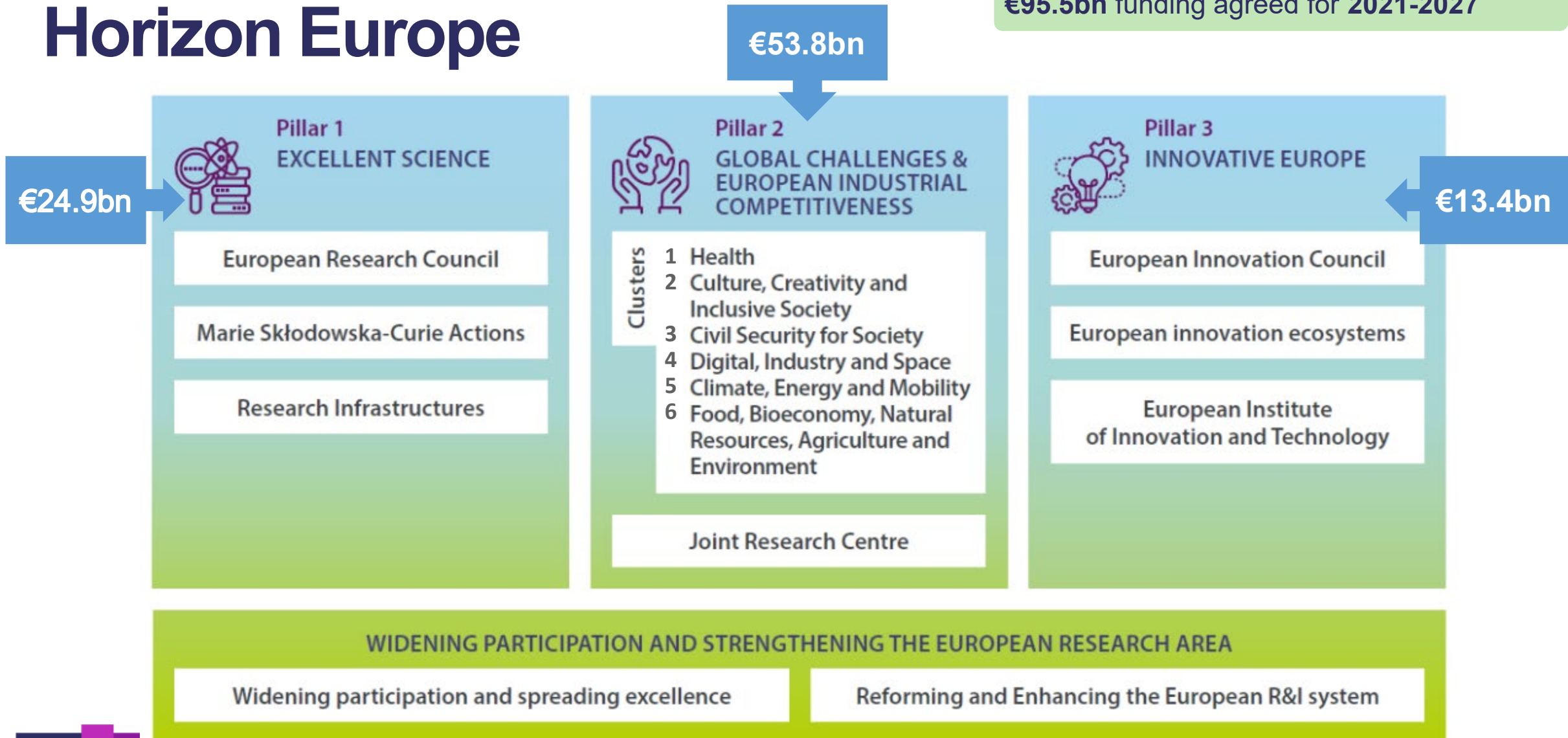
What is Horizon Europe?

- Horizon Europe is the current EU's Framework Research and Innovation funding programme.
- It is the largest R&I funding programme in the world, with a budget of over £81bn for 2021-27.
- The programme is divided into three main parts:
 - Pillar 1 supports excellence in science
 - Pillar 2 focuses on solving global challenges through collaborative research & innovation
 - Pillar 3 supports business growth and competitiveness
- Other parts of Horizon also include support for research infrastructure and widening participation.
- Key priority areas include food, bioeconomy, climate change, health, digital, transport and mobility, space, energy, industry, civil security and humanities. The programme is open to all types of organisations of all sizes.



Horizon Europe

€95.5bn funding agreed for 2021-2027



Why International collaboration is important

- Solve global grand challenges through collaborative R&I
- Collaborate with world leading organisations to learn from the best
- Access cutting edge technologies, infrastructure, talent & markets
- Contribute to the dialogue on standards, regulations and research policies
- Ensure that technology development aligns with global market place
- Collaborative relationships frequently become transactional ones – developing system solutions in supply chain partnerships
- **Creating jobs, growth and stronger supply chains**

Update on the Association agreement

- On 7th September, the Prime Minister announced a new UK-EU agreement on the UK's association to Horizon Europe and Copernicus.
- UK applicants are eligible to apply to Horizon Europe calls, now and in the future. The government strongly encourages researchers to do so.
- As set out in the EU/UK Joint Statement of 7 September, all calls within Horizon Europe work programme 2024 and beyond will be funded by the UK's association to Horizon Europe.
- The UK government Horizon Europe guarantee has been extended to cover all remaining Horizon Europe grant calls that are funded under work programme 2023 irrespective of the call closing or grant signature date.

Press release

UK joins Horizon Europe under a new bespoke deal

UK to associate to Horizon Europe and Copernicus programmes through a bespoke new agreement with the EU.

News story

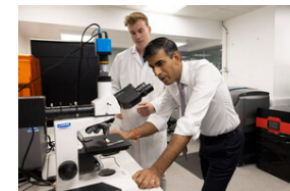
From: [Prime Minister's Office, 10 Downing Street](#), [Department for Science, Innovation and Technology](#), [The Rt Hon Michelle Donelan MP](#), and [The Rt Hon F](#)

Published 7 September 2023

Last updated 7 September 2023 — [See all updates](#)

Joint Statement by the European Commission and the UK Government on the UK's association to Horizon Europe and Copernicus

The European Commission and the UK Government have reached an agreement in principle on the association of the UK to Horizon Europe and Copernicus.



From: [Prime Minister's Office, 10 Downing Street](#)
Published 7 September 2023

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[Home](#) > [Business and industry](#) > [Science and Innovation](#)

Guidance

Horizon Europe and Copernicus programmes: 2023 UK-EU agreement explainer



Guidance for applicants and grant holders about the Horizon Europe and Copernicus programmes and the new UK agreement with the EU, September 2023.

From: [Department for Science, Innovation and Technology](#)

Published 8 September 2023

UK as a ‘Country Associated to the Programme’

‘the Programme’ is Horizon Europe, i.e., UK will be an [Associated Country](#)* (AC) for the 2024 Work Programme onwards

UK contributes funding to the programme:

- EU decides where to allocate UK government contribution (paragraph 50 of [Regulation establishing Horizon Europe](#)) “When allocating associated countries' financial contributions to the Programme, the Commission should take into account the level of participation of legal entities of those third countries in the different parts of the Programme.”

Except in *very few* Topics that are restricted (and clearly marked as such):

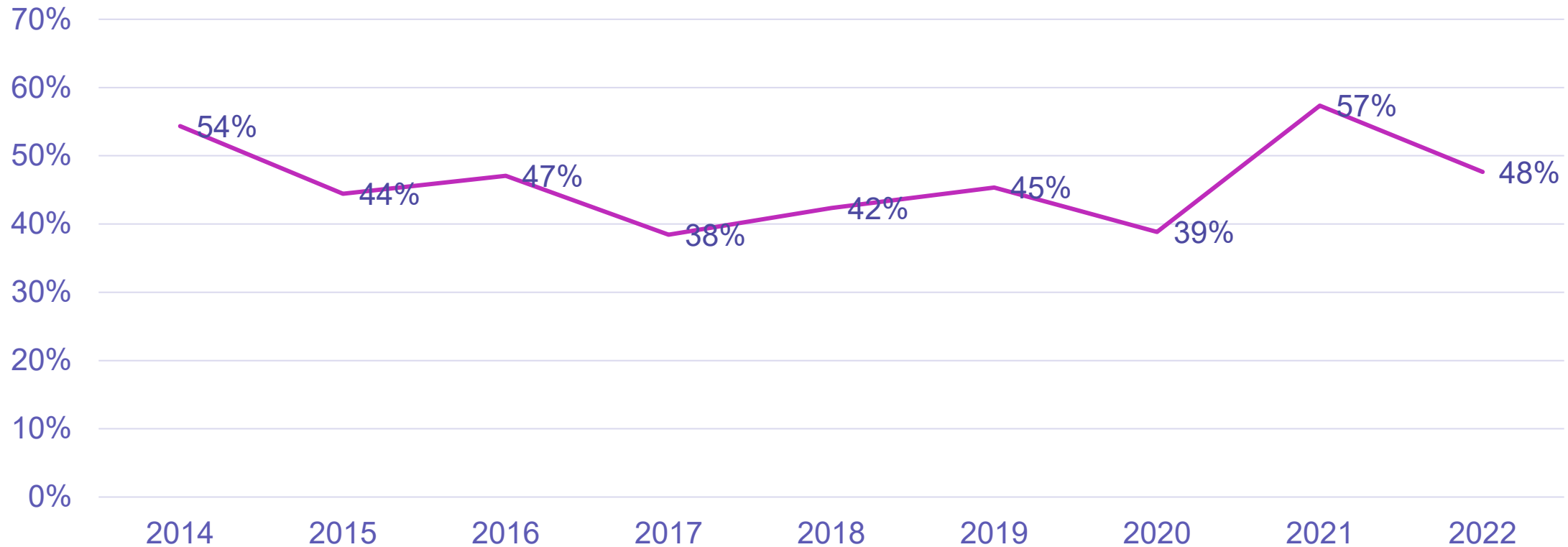
- UK organisations **are** fully eligible to coordinate proposals **and** projects
- UK organisations **are** classed as one of the minimum three different legal entities from three different eligible countries, as long as at least one consortium member is also from a Member State, for proposal **and** project eligibility
- Successful UK organisations **are** funded by EU as project participants/beneficiaries



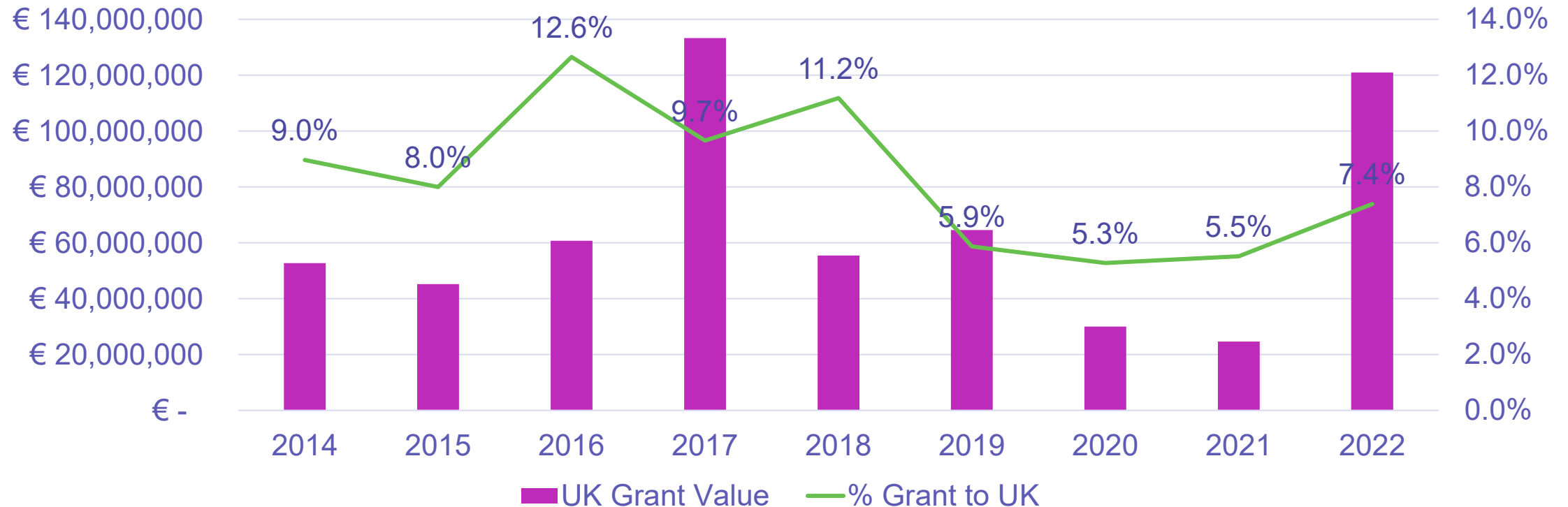
* As of 15/09/23 General Annexes have not been updated

UK Track Record in Transport Projects

Proportion of transport projects with UK partners by Call year



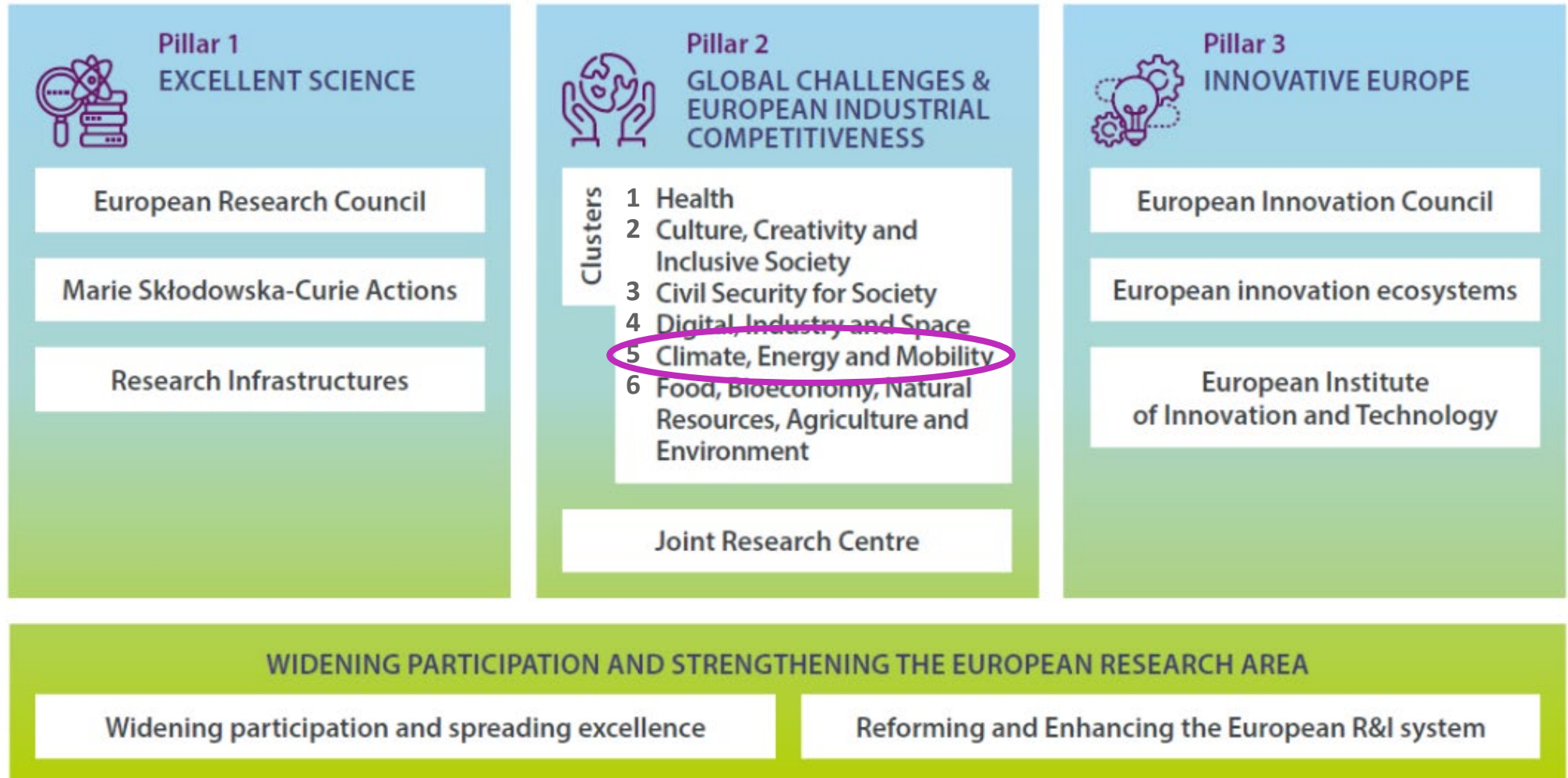
UK share of available grant funding for transport projects by Call year



Of the 23 CCAM projects listed on Cordis from 2021/2022, 9 have UK partners sharing £5.37m, i.e. average grant is over £500k

Any questions at this point?

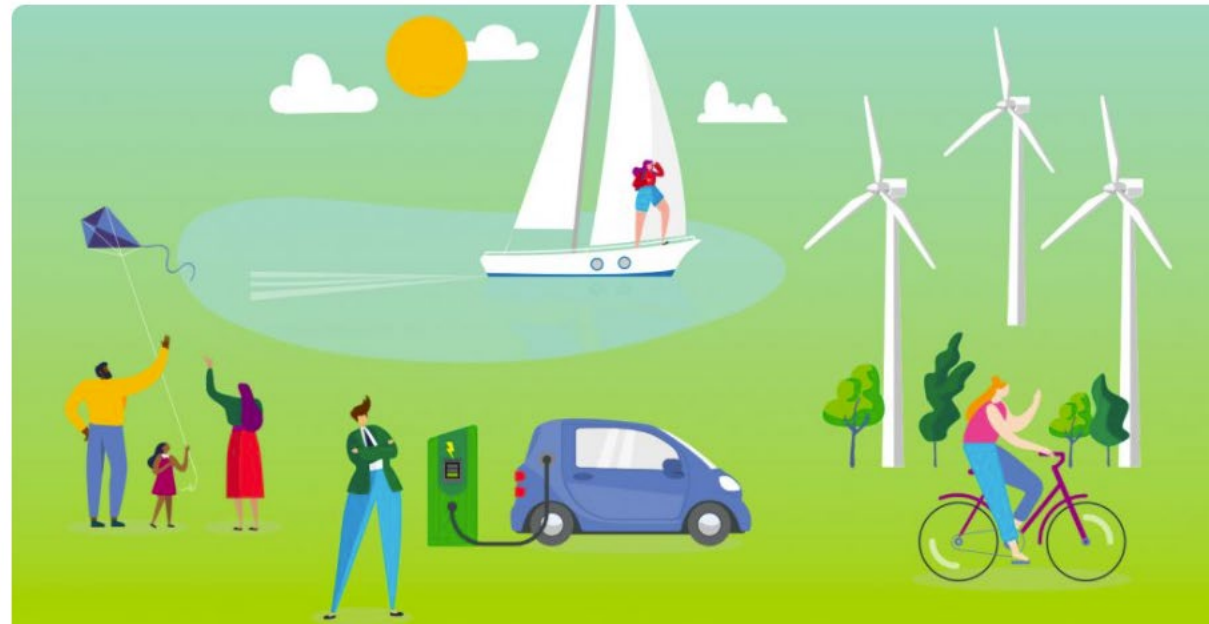
Horizon Europe



EU has awarded grants totalling €1.5Bn for Transport projects over 2021-2022 and over 50% of these projects have UK partners

Cluster 5: Climate, Energy and Mobility

Addresses issues relevant to the twin green and digital transitions and the post-COVID 19 recovery, focussing on the transformation of our economy, industry and society with a view to achieving climate neutrality in Europe by 2050. [2023-2024 Work Programme](#) and [EC video recordings for 2024](#)



Underlying EU Policy

- [The European Green Deal](#) – striving to be the first climate neutral continent by 2050
- [Fit for 55](#) – European climate law makes reaching the EU's climate goal of reducing EU emissions by at least 55% (from 1990) by 2030 a legal obligation
- [EU Digital Strategy](#) – A Europe fit for the digital age.
- The [Digital Europe Programme](#) (DIGITAL) is a new EU funding programme focused on bringing digital technology to businesses, citizens and public administrations
 - Note that although UK organisations cannot access this funding, other consortium partners will and so you need to be aware and informed

Cluster 5: Climate, Energy and Mobility

Six Destinations

1. Climate sciences and responses
2. Cross-sectorial solutions for the climate transition
3. Sustainable, secure and competitive energy supply
4. Efficient, sustainable and inclusive energy use
5. Clean and competitive solutions for all transport modes
6. Safe, resilient transport and smart mobility services for passengers and goods



Calls for proposals in Destination 5

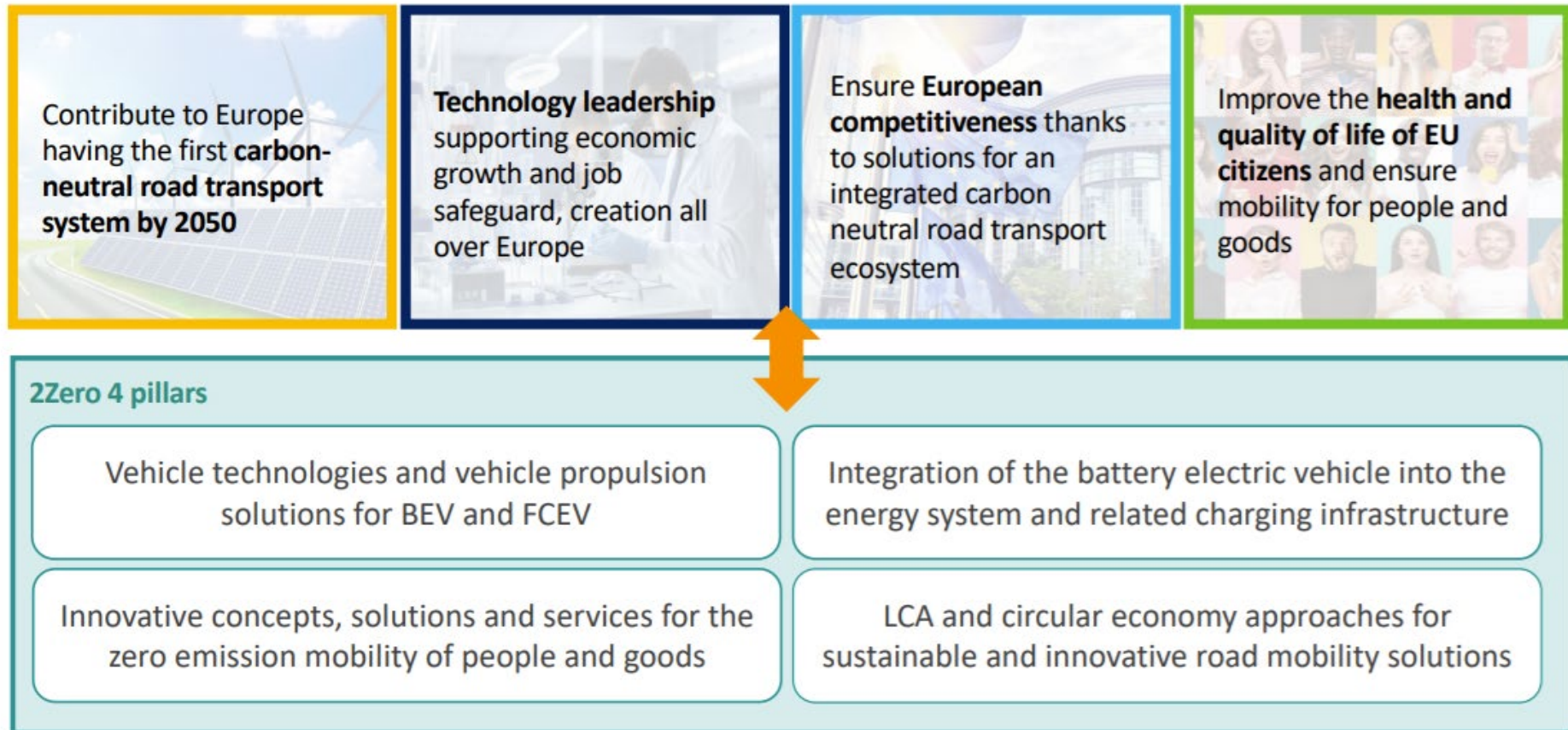
Clean and competitive solutions for all transport modes ([link to 2024 call](#))

- Zero Emission Road Transport (2ZERO)
 - Aviation
 - Zero Emission Waterborne Transport (ZEWT)
 - Transport related health and environment
 - Cross-cutting actions
- Call opening 7th Dec 2023 and deadline for submissions 18th Apr 2024
 - Watch the EC Information Day recording:
<https://webcast.ec.europa.eu/horizon-europe-info-days-cluster-5-parallel-session-2-2023-10-17>

*Note that all rail specific topics are within a separate initiative:
Europe's Rail Joint Undertaking <https://rail-research.europa.eu/>*

Towards Zero Emission Road Transport (2ZERO)

A Co-Programmed Partnership - Members of the partnership develop the Strategic Research and Innovation Agenda ([SRIA](#)) which is used to create the Work Programme (calls for proposals) <https://www.2zeroemission.eu/>



2ZERO Topics closing 18 April 2024

Topic Identifier	Competition (Topic)	Type of Action	Topic Budget	Number of projects to be funded
HORIZON-CL5-2024-D5-01-01	Smart, low-cost pervasive stationary slow charging and bi-directional solutions synergic with the grid for EV mass deployment	IA	€15.0m	2
HORIZON-CL5-2024-D5-01-02	Integration and testing of next generation post 800V electric powertrains	RIA	€15.0m	3
HORIZON-CL5-2024-D5-01-03	Advanced battery system integration for next generation vehicles	RIA	€10.0m	2
HORIZON-CL5-2024-D5-01-04	Integrated flexible multipoint megawatt charging systems for electric truck mass deployment	IA	€17.0m	2
HORIZON-CL5-2024-D5-01-05	Advanced digital development tools to accelerate the development of software defined vehicles that enable zero-emission mobility	RIA	€10.0m	2
HORIZON-CL5-2024-D5-01-06	New designs, shapes, functionalities of Light Commercial Vehicles	IA	€10.0m	1

Destination 6 : Safe, resilient transport and smart mobility services for passengers and goods

Safe, seamless, smart, inclusive, resilient, climate neutral and sustainable mobility systems for people and goods thanks to user-centric technologies and services including digital technologies and advanced satellite navigation services



Call for proposals in Destination 6

HORIZON-CL5-2024-D6-01: Safe, Resilient Transport and Smart Mobility services for passengers and goods

- Connected, Cooperative and Automated Mobility (CCAM)
 - Multi-modal transport, infrastructure and logistics
 - Safety and resilience
 - Cross-cutting actions
-
- 12 different Topics sharing €122.5m
 - Call opening 7th May 2024 and deadline for submissions is 5th Sept 2024
 - Pages 479-511 in [Work Programme](#)

Funding rates and main types of Action

Research and Innovation Action (RIA)

- Typically, low(ish) Technology Readiness Level
- Consortium of at least three different legal entities from three different eligible countries (all UK legal entities are classed as eligible). At least one consortium member must be from a Member State (MS)
- All participants receive 100% of eligible direct costs plus 25% for indirect costs

Innovation Action (IA)

- Typically, high(er) Technology Readiness Level
- Consortium of at least three different legal entities from three different eligible countries. At least one must be from a MS
- All not-for-profit participants receive 100% of eligible direct costs plus 25% for indirect costs
- All for-profit participants receive 70% (60% for some co-programmed partnership Topics) of eligible direct costs plus 25% for indirect costs

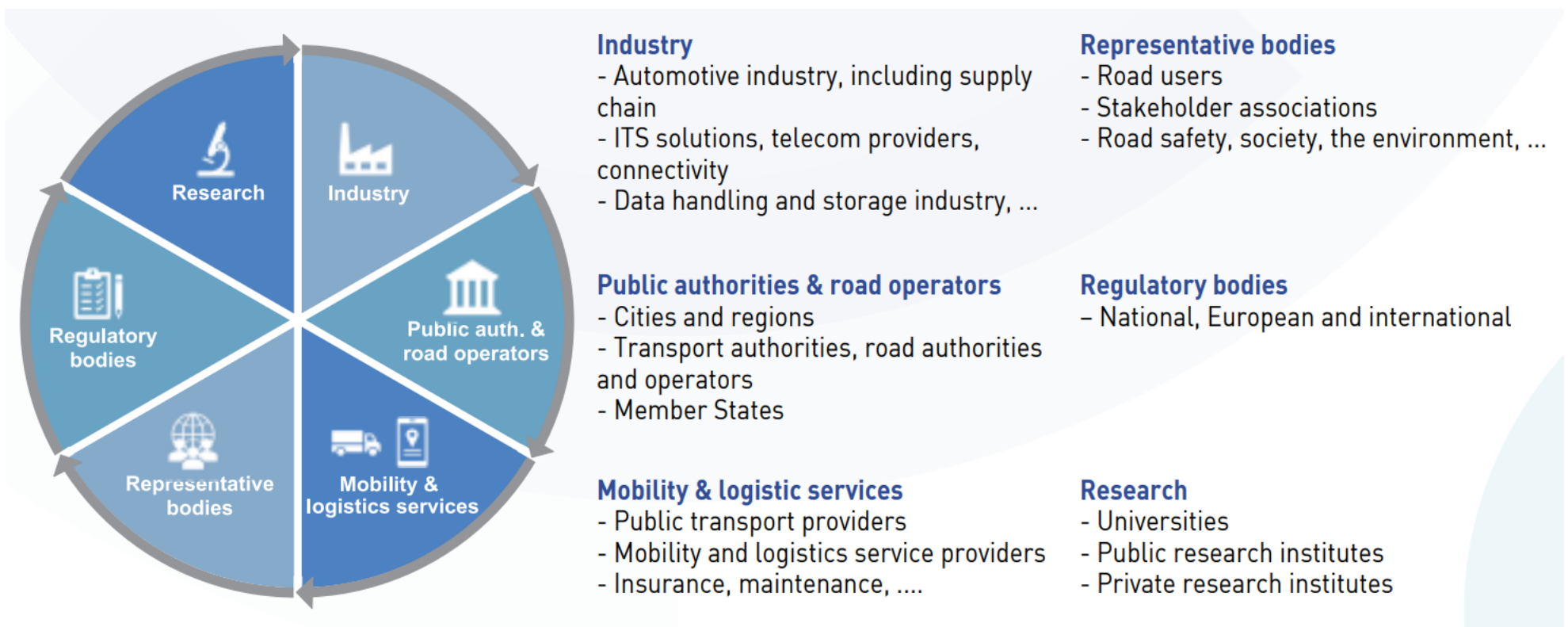
Coordination and Support Action (CSA)

- As name suggests, for coordinating and supporting activities such as working groups, networking, regulation review, communications, organising EU conferences, etc
- Formally do not need a collaborative approach but often do to meet the scope. Must have at least one partner from a MS
- All participants receive 100% of eligible direct costs plus 25% for indirect costs

Connected, Collaborative and Automated Mobility

Cooperative, Connected Automated Mobility (CCAM)

- A Co-Programmed Partnership - Members of the partnership develop the Strategic Research and Innovation Agenda ([SRIA](#)) which is used to create the Work Programme (calls for proposals) <https://www.ccam.eu/>



CCAM Topics closing 5 Sept 2024

Topic Identifier	Competition (Topic)	Type of Action	Topic Budget	Number of projects to be funded
HORIZON-CL5-2024-D6-01-01	Centralised, reliable, cyber-secure & upgradable in-vehicle electronic control architectures for CCAM connected to the cloud-edge continuum	RIA	€12.0m	2
HORIZON-CL5-2024-D6-01-02	Scenario-based safety assurance of CCAM and related HMI in a dynamically evolving transport system	RIA	€14.0m	1
HORIZON-CL5-2024-D6-01-03	Orchestration of heterogeneous actors in mixed traffic within the CCAM ecosystem	IA	€12.0m	2
HORIZON-CL5-2024-D6-01-04	AI for advanced and collective perception and decision making for CCAM applications	RIA	€10.0m	2
HORIZON-CL5-2024-D6-01-05	Robust Knowledge and Know-How transfer for Key-Deployment Pathways and implementation of the EU-CEM	CSA	€4.0m	1

**Any questions on the CCAM
competiton?**

How to Apply

EU Funding and Tender Opportunities Portal

All Topics (competitions) are published on the EU's [Funding and Tender Opportunities Portal](#)

- Create a personal login (top right) then 'Register your organisation' (in 'How to participate') to get a Participant Identification Code (PIC)
- Each Topic (competition) has its own webpage (in '[Search Funding & Tenders](#)') with everything you need to know – read it all (expand the sections to see the More Info...)

The screenshot shows the homepage of the EU Funding and Tender Opportunities Portal. The URL is ec.europa.eu/info/funding-tenders/opportunities/portal/screen/home. The page features the European Commission logo and the title "Funding & tender opportunities". Below the title, it says "Single Electronic Data Exchange Area (SEDIA)". The navigation menu includes "SEARCH FUNDING & TENDERS", "HOW TO PARTICIPATE", "PROJECTS & RESULTS", "WORK AS AN EXPERT", and "SUPPORT". The "HOW TO PARTICIPATE" menu is expanded, showing options like "Key steps", "Reference documents", "Participant register", and "Partner search". A search bar is visible at the bottom, and there are buttons for "Register" and "Login" in the top right corner. Two purple arrows point to the "HOW TO PARTICIPATE" menu and the "Register" button.

**How do I build a winning
consortium?**

**(the most frequently asked
question)**

Enterprise Europe Network (EEN)

- The Enterprise Europe Network ([EEN](#)) helps businesses innovate and grow on an international scale.
- It is the world's largest support network for small and medium-sized enterprises (SMEs) with international ambitions
- EEN is delivered by [Innovate UK EDGE](#) in UK
- Database of over [5,000 partnering opportunities](#) for both Commercial and Research & Innovation projects
- Contact Innovate UK EDGE to upload your own partner request or to respond to one already posted

Filter by

Keywords

Type of profile

- Business Offer
- Business request
- Research & Development Request
- Technology offer
- Technology request

Type of partner

Type of partnership

Stage of development

- Already on the market
- Available for demonstration
- Concept stage
- Lab tested
- Under development

Technology keywords

Market keywords

Formal Europe consortium building mechanisms

Participant portal – Every topic has a ‘Partner Search’ function where you can upload your profile and review others that have done so

Partner Search – under the ‘How to participate tab’ on the EU funding and tender opportunities portal where you can search for past projects and organisations – [Partner Search](#)

Brokerage tools – European Commission, Technology Platforms, Co-Programmed Partnerships, Enterprise Europe Network, UK’s KTN, NCPs from around Europe, etc will hold virtual events with e.g., Meeting Mojo, B2B and other tools – [Greenet Partner Search](#)

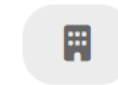


Searching the formal consortium building mechanisms is a bit like looking for a needle in a needlestack – they all look like needles so finding the ones for you can be difficult

How to find partners with a track record of success

- Search [Cordis](#) using key words for relevant projects already underway
 - E.g. searching for 'CCAM' returns 23 projects
- 1st listed is MOVE2CCAM “MethOds and tools for comprehensive impact Assessment of the CCAM solutions for passengers and goods”
 - Gives project coordinator as BABLE GMBH of Germany and gives the opportunity to contact them and their partners
 - Contact is to the Project Participant, not just a central administrative function
 - Write them a note explaining what you want/intend to do and how their participation would be a great idea

Coordinator



BABLE GMBH

Address

**Seyfferstrasse 34
70197 Stuttgart**

Germany

Region

Baden-Württemberg > **Stuttgart, Stadtkreis**

Links

[Contact the organisation](#)

[Participation in EU R&I programmes](#)

[HORIZON collaboration network](#)

The best ways to form winning teams

Being an *effective networker* is much more useful than submitting a profile into a portal and awaiting contacts. Don't wait to be invited to the party, push yourself forward

- Use your existing professional networks – if you don't know who the sector leaders are in Europe then you should find out
 - Use Linked In to connect to people from possible consortium partners
- Search [CORDIS](#) for previous, related projects and contact the participants. All projects must disseminate their results and often hold workshops, etc.
- **Join the CCAM Partnership**
 - Be an *active* member – say 'hi' when you join the virtual room. Ask questions, support others' opinions, act as if you are already well known to all in the virtual room
 - Volunteer to draft working papers, take notes, send in useful information – be helpful
 - Speak up at workshops – demonstrate Thought Leadership
 - Show that you would be a valuable partner for collaborative projects and that without you they won't win – you have the secret sauce that is necessary for their success


Forthcoming Networking Events

- Results from Road Transport Research (RTR2024)
 - 5-7 February, Brussels
 - Free but mandatory [registration](#)
- Transport Research Arena (TRA2024)
 - 15-18 April, Dublin
 - Registration now open with early bird rates
- SMEs can apply for [travel grants](#) of up to £700

European Innovation Council (EIC)

Backing visionary entrepreneurs


- The [European Innovation Council](#) (EIC) is Europe's flagship innovation programme to identify, develop and scale up breakthrough technologies and game changing innovations



The graphic for EIC Pathfinder features a dark purple background with a white microscope icon in a square on the right. The word 'PATHFINDER' is written in white capital letters on the left. The background is composed of several rectangular blocks in shades of purple and light purple.

EIC Pathfinder

Supporting research and deep tech projects with a high degree of scientific ambition and risk.



The graphic for EIC Transition features a dark purple background with a white gear and circular arrows icon in a square on the right. The word 'TRANSITION' is written in white capital letters on the left. The background is composed of several rectangular blocks in shades of purple and black.

EIC Transition

Supporting maturation and validation of novel ideas from lab to business. A bridge between research and application development.



The graphic for EIC Accelerator features a dark purple background with a white rocket icon in a square on the right. The word 'ACCELERATOR' is written in white capital letters on the left. The background is composed of several rectangular blocks in shades of purple and red.

EIC Accelerator

Supporting start-ups and small and medium-sized enterprises to develop and scale up to new markets or disrupt existing ones.

Features of the EIC Accelerator

- Exclusively for SMEs with game-changing, high TRL (minimum 5/6) innovation seeking 'world domination', i.e. scale-up
- Single entity applications – no consortia allowed
- Grant of up to €2.5m (at 70%) for project of up to 24 months duration
- Prefinancing – significant % of funding available as the project starts rather than claiming in arrears
- Multiple step application process with feedback at each stage:
 - Step 1: Always open; 10 PowerPoint slides; 3-minute video; answer 5 questions (can reapply once in 12 months)
 - Step 2: Full proposal with business plan (can reapply once in 12 months)
 - Step 3: Jury (Dragon's Den style)
- Note that UK SMEs can only apply to 'Grant Only' and not 'Fund' or 'Grant First'

Wrap-up

Actions 1:

- Create a personal log-in and [register your organisation](#) to obtain a Participant Identification Code (PIC)
- Review the [forthcoming CCAM call](#) to determine which (if any) Topic is a ‘fit’ for you (remember you only need to find a bullet point or ‘hook’, not the whole thing)
- Review [Cordis using CCAM as a search term](#) to find out what and who is already funded – contact the interesting/relevant projects/people
- Consider joining CCAM – email Marzena and ask “how can you contribute to the work of the partnership” marzena.jougounoux@ccam.eu – you could be part of the team writing the next call for proposals

Actions 2:

- If relevant - EIC Accelerator
 - Review website https://eic.ec.europa.eu/eic-funding-opportunities/eic-accelerator_en
 - Contact Innovate UK EDGE and ask for support <https://www.innovateukedge.ukri.org/>
- Network the European community - If you hear of events that might be useful to attend but the cost of travel is deterring you, let me know
- Stay informed - Sign up to hear from me and/or my colleagues <https://eufunding.ukri.org/subscribe> (be amongst the first to know when new competitions are launched)



UK Research
and Innovation

Any Questions?

Twitter X: [@UK_Mobility_NCP](https://twitter.com/UK_Mobility_NCP)

Email: NCP-Mobility@iuk.ukri.org

Newsletter Subscription: <https://eufunding.ukri.org/subscribe>



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