

# Greenet



## Newsletter #2

July 2023



GREENET is the international network of National Contact Points (NCPs) for Cluster 5 Climate, Energy and Mobility, supporting research and innovation activities for the Horizon Europe Framework Programme. The GREENET network project started in July 2022 and it consists of 19 partner organisations from different EU Member States and Associated Countries.

The GREENET newsletter highlights news and updates hand-picked by the network partners in relation to Horizon Europe Cluster 5 topics and other relevant European partnerships and programmes.

## GREENET Partner Search Tool



We are pleased to inform you that the GREENET Partner Search tool is now live!

The GREENET Partner Search Tool brings together organisations (Coordinators as well as partners) from across the world. This is a unique opportunity to generate new contacts and collaborate on potential Horizon Europe projects. Meetings will take place in a dedicated area and will be arranged in advance by means of this website throughout the whole year (2023). The second purpose of the GREENET platform is online events.

Visit the platform and register [here](#).

### **Why should you register?**

For most calls for proposals within [Cluster 5 \( Climate, Energy and Mobility\)](#) you must apply as a team of at least 3 partner organisations from 3 different EU or associated countries. At least one of the 3 partners must be from an EU country. In addition to these 3 partners, organisations from other countries might be able to join your consortium.

### **How do I register?**

1. Register via the [Register](#) button
2. Add contact and organisation details as requested
3. Click on "Marketplace" and "add an opportunity"
4. Once your profile is validated by our validation team, you can start networking!

To ensure the reliability of information, the [GREENET validation team](#) will screen and validate registrations before they will be made visible on the website. Please understand that this validation process may take some days but has the objective to increase the quality of the platform or all participants. Should you have any further queries, do not hesitate to reach out to your [country representative](#).

## **GREENET Brokerage Event**



In connection with the European Commission Horizon Europe Cluster 5 info days in October 2023, the GREENET network will organise an online networking and brokerage event focusing on the 2024 calls for proposals from the Work Programme of Cluster 5: Climate, Energy and Mobility.

The main objective is to gather all the relevant stakeholders intending to apply for funding, supporting the development of consortia and project ideas. Participants looking for partners will have the opportunity to present their own organisation and project ideas in two different ways: brief oral presentations during the pitching session, and through bilateral meetings previously agreed through the online brokerage event platform.

For more information, visit and register [here](#).

## **GREENET signs MoU with 3 Enterprise Europe Network (EEN) Sector / Thematic Groups**



The EEN Network aims to support SMEs in their internationalization and innovation journey by providing various services, including access to finance and partnering, and is structured in different Sector Group focused on specific thematics. Following the signature of the first MoU between GREENET and the **EEN Sector Group Renewable Energy** end of last year, 3 additional MoUs have been signed with other EEN sector / thematic groups in the first half of 2023. Collaboration is mutually beneficial for both networks, notably to reach newcomer SMEs and to support them in order to maximise their opportunities to benefit from EU funding under Horizon Europe Cluster 5 for their R&I projects, and could be concretized through joint network activities such as trainings (for advisors and/or applicants), brokerage events and dissemination of information.

In January the MoU with the **EEN Sector Group Aerospace & Defence** was signed and negotiations are currently on its' way to define concrete activities for implementation. During the Annual Meeting of the **Thematic Group Sustainability** which was held in the EISMEA offices in Brussels mid-March, Camille Dehestru & Sabrina Bijlsma (hub.brussels) presented the objective and activities of the GREENET NCP Network. At the end of the presentation the co-chairs of the 3 respective subgroups of the TG Sustainability , Circular Economy, Social & Green Innovation were invited to sign the MoU.

The **EEN Sector Group Automotive-Transport-Mobility** (EEN SG ATM) held its first in-person meeting on 18-19 April 2023 during the Automotive Week, on the Helmond Automotive Campus, close to Eindhoven (the Netherlands). During this meeting, Louise Mothersole (UKRI) and Camille Dehestru (hub.brussels) presented the objective and activities of the GREENET NCP Network, as well as collaboration modalities with the EEN SG ATM, due to the very significant potential for synergies identified between the two networks. On 18 April 2023, the 4th GREENET Memorandum of Understanding (MoU) was therefore signed between the EEN SG ATM and GREENET, a strong symbol of the two networks' willingness to collaborate towards ambitious common goals.

# Factsheets on Cluster 5 Partnerships



The Horizon Europe  
network of National Contact Points  
for **C**limate, **E**nergy and **M**obility

**Towards zero emission road transport**



@ncp\_greenet

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The GREENET project has received  
funding from the European Union's  
Horizon Europe programme under  
grant agreement No. 101069604

If you are interested in cluster 5 calls you might also want to look into partnerships EIT's and KICs that align with the thematic focus of cluster 5. GREENET has just published its first round of factsheets.

Some partnerships offer direct funding while others include educational programmes, hackathons & membership programmes where you can engage and connect with potential partners.

You can find the factsheets on the GREENET website [here](#).

## International Participation in Cluster 5: Climate, Energy and Mobility in 2021 and 2022



You may have noticed there were several Topics in the 2021/2022 Work Programme that were targeted at international cooperation, but were you aware that international partners are welcomed in most Topics, even if not explicitly mentioned?



So far, (not including UK or Switzerland who have only recently been classed as international countries), there have been 41 successful international participations in Cluster 5 Topics – you can see this detail in the [Horizon Dashboard](#) and a graph of those countries with at least two successful participations can be seen in the figure.

### So Why is International Collaboration important?

The EU aims to take a leading role in supporting international research and innovation partnerships, and to deliver innovative solutions to make our societies green, digital and healthy. See policy statement [here](#).

International collaboration supports:

- 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 marketplace
- Collaborative relationships frequently become transactional ones – developing system solutions in supply chain partnerships
- **Creating jobs, growth and stronger supply chains**

### International Eligibility

Some topics state international participation is **essential**, e.g. “In addition to the conditions described in General Annex B, the consortium must include at least three legal entities from three different African countries”.

Some topics state international collaboration is **advised**, e.g. “In order to achieve the expected outcomes, international cooperation is advised, in particular with projects or partners from the US, Japan, Canada, South Korea, Singapore, Australia”.

Some topics state **limitations** on international collaboration, e.g., “participation to the call is limited to legal entities established in Member States, associated countries, OECD countries, African Union Countries, and MERCOSUR, CARIFORUM, and Andean Community”

Most countries around the world have Horizon Europe National Contact Points – find their [details here](#) and here is a full list of [participating countries](#) including a listing of those that are automatically eligible for funding too.

## Meet potential Horizon Europe project partners from Poland

In today's dynamically changing economic and geopolitical realities, innovation and research are more important than ever. This is why GREENET supports Horizon Europe beneficiaries in obtaining grants from European Commission. Sometimes a trigger is needed to overcome difficulties and obtain worldwide recognition or deepen ties with European partners. GREENET supports this objective also via video features presenting the R&D potential of different countries.

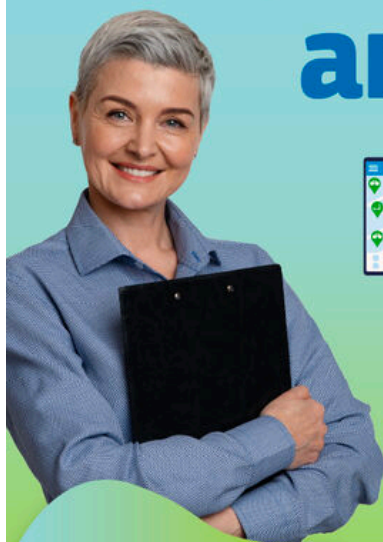
In this episode we feature: Mostostal Warszawa S.A., The Institute of Environmental Protection – National Research Institute, City Of Warsaw, and KOTRAK S.A.

View the video [here](#).

## Horizon Europe Call for Experts

The European Climate, Infrastructure and Environment Executive Agency (CINEA)

# Sign up as an EU expert



for

# HORIZON EUROPE

Cluster 5: Climate, Energy and Mobility



More information here:

<https://europa.eu/IDvGNJw>



The European Climate, Infrastructure and Environment Executive Agency ([CINEA](#)) is the organisation that manages the evaluation of all proposals for Horizon Europe Cluster 5: Climate, Energy and Mobility competitions. The evaluation of each proposal is done by a minimum of three (and often more) independent experts who are reimbursed for their activity at a rate of €450 per day.

CINEA are [actively recruiting new evaluators for Cluster 5](#) and we would strongly encourage anyone who is considering participating in a Horizon Europe project to also apply to be an evaluator. Of course you won't be permitted to evaluate the Topic to which you submit a proposal, but evaluating other Topics in your sector will give you very valuable insight into the evaluation process and what the evaluators look for when assessing a proposal. You can also see the [standard briefing slides](#) that all evaluators receive and reviewing these is something that all proposal contributors should do.

## GREENET webinar on Copernicus and Galileo

On 13<sup>th</sup> of April 2023, an online event on Copernicus and Galileo services was organized by NCP network project GREENET for Cluster 5 NCPs. The webinar aimed to help Cluster 5 NCPs to better understand these EU programmes and their services - what they are and how they can be used in a Horizon Europe project. When satellite-based earth observation or navigation, related data and



services are used in the project, obligatory use of Copernicus and/or Galileo/EGNOS programmes is referred to in the work programme under several topics as part of the eligibility conditions. Since this topic is relevant also to other clusters, NCPs from Cluster 6 and Cluster 4, too, were invited to attend. In total, 65 persons participated in the webinar.

The first two presentations were by the European Commission experts. Michel Rixen, PhD, gave an overview of the Copernicus programme and its use in Horizon Europe research. Copernicus uses Sentinels satellites, ground data and collaboration with other satellite systems to provide several earth observation services. Copernicus services cover six domains: Atmosphere, Marine, Land, Climate Change, Security and Emergency. Copernicus services are free of charge to users. Cluster 4 topics in Horizon Europe help to develop Copernicus services further.

Vera Pinto presented an introduction into Galileo, the EU Global Navigation Satellite System. Galileo provides very accurate global positioning service. Galileo is under civilian control and is extremely important for EU economy. However, most users are not even aware that they are using it (e.g., in smart phones, cars, airplanes, ships). The presentation also included examples of projects that use Galileo system in various contexts. In addition to Galileo, Europe also has EGNOS, a system that is used to improve the performance of global navigation satellite systems (e.g., in airports).

The presentations from EC officials were followed by three practical examples from Estonia. Associate prof Kersti Kangro from Tartu Observatory of University of Tartu explained how to use Copernicus data for monitoring water bodies. For example, Copernicus can be used to monitor chlorophyll content and algal blooms in lakes and sea. Siim Randveer, Quality advisor in Control Unit, presented an example of how to use the Sentinel and Galileo satellites in the work of Agricultural Registers and Information Board for monitoring the land use by farmers supported by agricultural subsidies. Senior researcher Liis Sipelgas from Tallinn University of Technology presented the case of Copernicus Sentinel data uptake in public services with examples from Estonian Ice Service and Hydrology. It was also emphasized in the presentation that although the central Copernicus services are very useful, there is still a need to develop environmental monitoring services at regional level.

Officially nominated NCPs can access the presentation materials on the [GREENET website](#).

## **GREENET workshop on energy value chains in Horizon Europe**

# Heating's role in the path for energy efficient buildings



On 19th May 2023, GREENET, organized the 1st online thematic workshop/info day, on existing and potential and/or emerging value chains in the energy field in widening countries. The workshop/info day was attended by 48 participants, who had the opportunity to be informed about GREENET project and upcoming funding opportunities and events of Cluster 5 Energy thematic area.

Successful beneficiaries coming from widening countries (Greece and Portugal) presented best practices of existing value chains in the frame of research projects in the area of batteries and heating, and they further shared thoughts, ideas and recommendations during a dedicated session, on ways to incorporate key elements of the energy value chain approach in ongoing or future projects.

Participants could also interact by sharing their questions via slido application. Moreover, the speakers highlighted key issues regarding the value chain approach in energy at proposal preparation stage and some of the main challenges and opportunities for the widening countries in the process of creating new or integrating in the existing ones. The role of international associations and partnerships as well as the partners in a consortium, citizens engagement and policy integration, were noted as vital for the integration of a value chain approach in energy. Materials availability, technologies development but also application/implementation are considered vital stages of the energy value chain.

Concluding remarks and evaluation of the workshop will be used as a feedback for the next workshops and info days on existing emerging and/or potential value chains in energy in widening countries, which are going to take place in the context of future activities of GREENET Project.

Please find the presentation materials used in this thematic training on the [GREENET website](#).

## Events and opportunities

### Events:

- [International Congress on Transportation Research](#), organised by Hellenic Institute of Transport and Hellenic Institute of Transportation Engineers ,

20-22 September 2023, Heraklion, Crete

- [International Transport and Air Pollution \(TAP\) conference](#), organised by Swedish Environmental Research Institute, 25-27 September 2023, Gothenburg, Sweden
- [Waterborne days](#), organised by ZEWT & Waterborne TP, 26-27 September 2023, Brussels, Belgium
- [Urban Logistics Innovation Day](#), organised by LEAD project, ALICE & POLIS, 26 September 2023, Brussels, Belgium
- [RECIPROCITY Final Event](#) – Mobility Assembly Regensburg, organised by RECIPROCITY, 28-29 September 2023, Regensburg, Germany
- [World Road Congress](#), organised by PIARC, 2-6 October 2023, Prague, Czech Republic
- [Urban Mobility Days](#), organised by CDTI, 4-6 October 2023, Sevilla, Spain
- [European Zero Emission Bus Conference](#), organised by Busworld Europe, 7-12 October 2023, Brussels, Belgium
- [The Future of Road Mobility Forum](#), organised by EARPA, 17-18 October 2023, Brussels, Belgium
- [Battery Innovation Days](#), organised by Batteries Europe, Battery 2030+ and the Batteries European Partnership Association, in partnership with the Batteries 1st and 2nd IPCEIs, 14-15 November 2023, Bordeaux, France
- [International Cycling Safety Conference](#), organised by Institute for Road Safety Research, 15-17 November 2023, the Hague, the Netherlands
- [POLIS Annual Conference](#), organised by POLIS, 29-30 November 2023, Leuven, Belgium
- [Transport Research Arena](#), organised by TRA, 15-18 April 2024, Dublin, Ireland
- [European Mobility Expo](#), organised by GIE Objectif transport public, 1-3 October 2024, Strasbourg, France

## News from Cluster 5 relevant partnerships and initiatives:

### Key highlights from 2ZERO partnership:

- The RTR Conference 2023 summary report has been published, following the three-day event organized by the 2ZERO and CCAM partnerships, ERTRAC, and the European Commission. The [report](#) summarizes the key points made in each session and provides an overview of the challenges and further research needs.
- The 2ZERO topics 2023, published under the Horizon Europe Framework Programme and closed since April 20<sup>th</sup>, drew significant interest and participation as a total of 29 proposals were submitted. CINEA will now process with the evaluation of the different proposals. More details on the number of submitted proposals for each topic can be found at the following link: <https://www.2zeroemission.eu/mediaroom/outcomes-from-the-2zero-2023-topics/>
- The two Transport Research Awards competitions for the TRA Visions 2024 are now open. While, young researchers, earning bachelor's, master's, and PhD degrees at universities and technical institutes are the target audience for the [TRA VISIONS 2024 Young Researcher Competition](#), senior researchers who have conducted pioneering and extremely influential research in transportation, for their part, are qualified for the [Senior Researcher competition for TRA VISIONS 2024](#). Visit the [competition website](#) to find out how to register and participate in one of the competitions. Transport Research Arena (TRA) is the foremost European transport event that covers all transport modes and all aspects of mobility, and is supported by key stakeholders such as ERTRAC, 2ZERO and CCAM partnerships.

Discover **ARRIVAL Matchmaking Platform** - an European portal for innovative transports and clean mobility solutions that combines forces of

## two EU- funded projects **ENTRANCE** and **RECIPROCITY**:

- **ARRIVAL** is a free-to-use multifunctional matchmaking platform that facilitates immediate access to relevant information and services to support buyers and innovators of technologies in the implementation and replication of smart and clean mobility solutions. Check out the platform and find out what benefits you have! [Full article...](#)

## **Access to RECIPROCITY Funding & Legal Helpdesk – free support by financial and legal experts:**

- RECIPROCITY supports cities and municipalities with all finance and legal related issues. By sending us a short form, your organisation can request technical advice on public funding options and how to finance mobility projects, as well as on institutional cooperation and legal support in the development of sustainable mobility projects. Find out more about the Funding & Legal Helpdesk [here](#)!

## **Clean Hydrogen Partnership Call for Expression of Interest:**

- The [Clean Hydrogen Partnership](#), a public-private partnership between the European Commission and hydrogen industry and academia, have launched a Call for Expression of Interest to select Managing Authorities who will receive technical assistance to generate synergies.
- Around 10 national/regional/local Managing Authorities from EU Member states and associated countries to Horizon Europe will be selected. Those selected will receive targeted support and technical assistance to strengthen cooperation with the Partnership in key areas including knowledge management and funding strategies, to support the research and innovation in hydrogen.
- The Call for Expression of Interest can be found [here](#). By following the link, you can find all necessary details. An expression of interest is submitted by filling out the application and administrative forms found in the link. Expressions of Interest will be accepted up until **7<sup>th</sup> of July**.
- If you have any questions, please do not hesitate to reach out to [synergies@clean-hydrogen.europa.eu](mailto:synergies@clean-hydrogen.europa.eu).

## **Cluster 5 relevant publications:**

- [Results of the public consultation on the future of EU Research and Innovation programmes are now public](#)
- JRC report, [Toward explainable, robust and fair AI in automated and autonomous vehicles](#)
- [Publication from DG RTD of a roadmap for climate transition](#) (including smart and sustainable mobility) following the consultation of nearly 800 citizens and 260 national experts in each EU member state
- [Publication from DG MOVE of 8 key indicators regarding road safety in Europe](#)

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## [GREENET NCP Network](#)

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