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HORIZON EUROPE CLUSTER 5 REGIONAL INFO DAY ENHANCING EU CENTRAL ASIA RESEARCH COLLABORATION IN HORIZON EUROPE Almaty, 20 May 2025

Funding opportunities for Central Asia in Cluster 5 Work Programme 2025 and support tools for partner search and networking

Ms Miriam de Angelis Horizon Europe Cluster 5 National Contact Point, Agency for the Promotion of European Research (APRE), Italy







The network of Horizon Europe Cluster 5 National Contact Point.



Funding opportunities in CL5 WP 2025 and support tools for partner search and networking

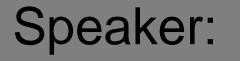
The Network of the National Contact Points of Horizon Europe – Cluster 5

Miriam de Angelis Agenzia per la Promozione della Ricerca Europea



The GREENET project has received funding from the EU Horizon Europe programme under Grant Agreement No 101069604





Miriam de Angelis

- National Contact Point for Cluster 5 «Climate, energy and mobility» - Horizon Europe
- National Contact Point for Societal Challenge 5 «Smart, green and integrated transport» - Horizon 2020





The network of Horizon Europe Cluster 5 National Contact Point.



What is Horizon



The GREENET project has received funding from the EU Horizon Europe programme under Grant Agreement No 101069604



Horizon Europe is the EU's funding programme for research and innovation from 2021-2027 with budget of €95.5 billion.







The network of Horizon Europe Cluster 5 National Contact Point.



HE Rules for Participation



The GREENET project has received funding from the EU Horizon Europe programme under Grant Agreement No 101069604

Entities eligible for participation



Art. 18: «Any legal entity, regardless of its place of establishment, including legal entities from non associated third countries or international organisation may participate in actions under the Programme, provided that the conditions laid down in this Regulation have been met together with any conditions laid down in the work programme or call"



Entities eligible for funding

EU COUNTRIES

- Member States (MS) including their outermost regions
- The Overseas Countries and Territories (OCTs) linked to the MS.

NON-EU COUNTRIES

- Countries associated to Horizon Europe (AC)
- Third countries identified in the HE List of Participating Countries on EU Funding and Tenders Portal.
- Other countries when announced in the call or exceptionally if their participation is essential

SPECIFIC CASES

- Affiliated entities established in countries eligible for funding.
- EU bodies
- International organisations (IO):
 - International European research organisations are eligible for funding.
 - Other IO are not eligible (only exceptionally if participation is essential)
 - IO in a MS or AC are eligible for funding for Training and mobility actions and when announced in the call conditions

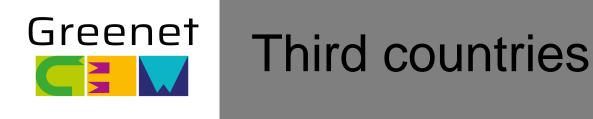




Horizon Europe's openness

- Horizon Europe 'by-default' as open as possible to almost all countries
- Almost any project consortium can include an entity from third country partner (with or without EC funding) unless specified otherwise
- Non-discriminatory: individual researchers and innovators of any nationality can apply for grants (MSCA scholarships, ERC grants...)
- Countries' Association to Horizon Europe is the deepest way of integration however it is not a prerequisite for participating to the Programme





- All countries that are neither EU Member States nor Associated Countries to Horizon Europe
- Entities from certain 3rd countries may be automatically eligible for funding (see General Annex B or Horizon Europe List of Participating Countries on EU Funding and Tenders Portal for up-to-date information)

<u>Targeted international cooperation actions can be (wording important: e.g., welcome, strongly welcome or requested):</u>

- In topics of strategic thematic areas
- For geographical areas (countries/regions), Initiatives: African Union, Mediterranean countries, Latin-America-Caribean countries
- For countries participants in multilateral initiatives (e.g., Mission Innovation)
- Collaboration with key individual partner countries





Access to EU funding and modalities

Automatically eligible for EU funding ("Beneficiaries")

- Low- and middle-income third countries (see General Annex B)
- Countries associated to Horizon Europe

Non-associated third countries not automatically eligible for EU funding (Associated partners): EU Funding exceptionally provided (beneficiaries)!

- High income countries according to the World Bank classification (not listed in annex B)
- Exceptions on a case-by-case basis + specified in topic calls
- Complementary funding mechanisms (CFM): Guide on CFM on the Funding &Tenders Portal: <u>Complementary funding mechanisms in third countries and territories</u> (Australia, Brazil, Canada, India, Japan, New Zealand, Mexico, China, Monaco, South Korea, Switzerland, Taiwan)



Find flagged topics on International Cooperation on the Funding and Tender portal

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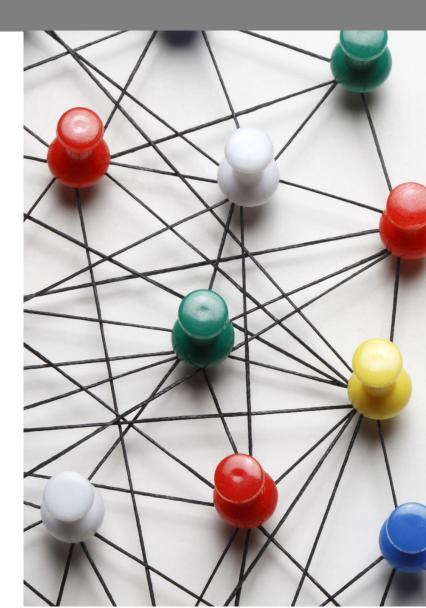
Minimum requirements

 Art. 18: «Entities shall be part of a consortium that shall include <u>at least three independent</u> <u>legal entities</u> each established in a different Member State or associated country and with at least one of them established in a Member State, unless the work programme provides otherwise"

SPECIAL/ADDITIONAL CONDITIONS

MAY BE OUTLINED IN TH EWORK PROGRAMME (No of participants, type of participants)







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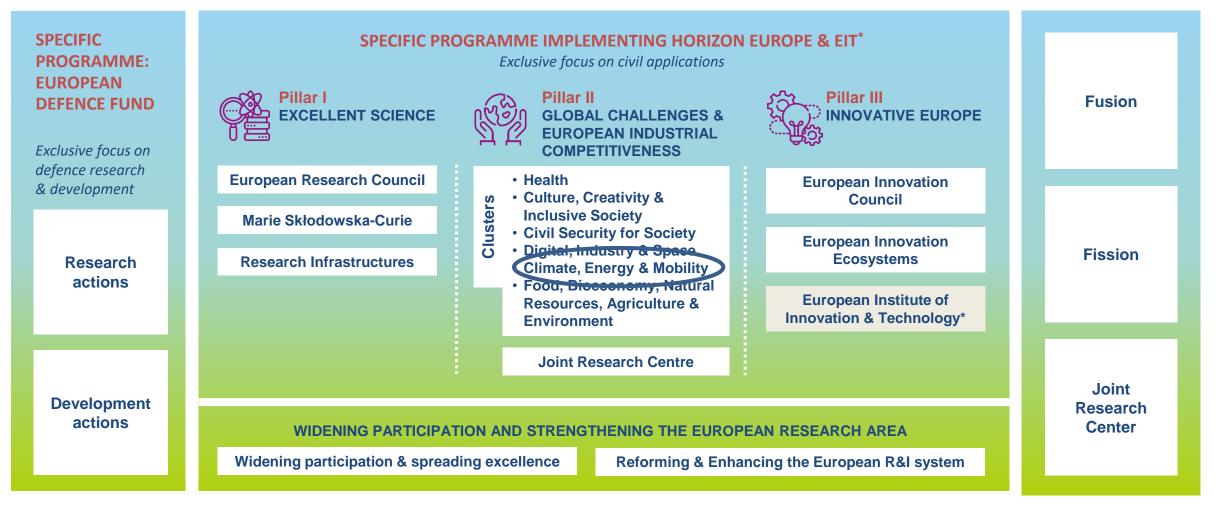




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HORIZON EUROPE

EURATOM



* The European Institute of Innovation & Technology (EIT) is not part of the Specific Programme



Cluster 5 Work Programme 2025

- aims to fight climate change by better understanding its causes, evolution, risks, impacts and opportunities, and by making the energy and transport sectors climate neutral, environment-friendly, efficient, competitive, smarter, safer, resilient and useful for citizens and society.
- Cluster 5 supports the EU's strategic objectives through activities included in the work programme (incl. Co-Programmed Partnerships) and through the support of <u>Institutional</u> <u>European Partnerships</u> which are implemented through dedicated structures.
- R&I activities under CL5 will contribute to the objectives of the European Green Deal related to the <u>Climate Pact</u>, the <u>Clean energy strategy</u>, the <u>Strategic Energy</u> <u>Technology (SET) Plan</u>, the <u>Strategic Transport Research and Innovation Agenda</u> (<u>STRIA</u>), European Circular Economy Action Plan



List of topics explicitlymentioning international coop Cluster 5 2025 Work Programme (1/4)

- HORIZON-CL5-2025-06-D1-01: Climate simulations data and knowledge for optimal support of IPCC Assessments and International Policy: Beneficiaries may provide financial support to third parties. This support can be provided in the form of grants to researchers from the Global South countries
- HORIZON-CL5-2025-06-D1-02: Advancing Earth System Models to increase understanding of Earth system change: International cooperation is encouraged, to promote capacity and consensus building, for example, by training early career researchers
- HORIZON-CL5-2025-06-D1-04: The attribution to climate change, and improved forecasting of extreme and slow-onset climate- and weather-related events and their impacts: International cooperation is encouraged, in particular with the Global South in the context of scientific capacity building, disaster risk reduction and strengthening of climate resilience
- HORIZON-CL5-2025-06-D1-06: Fostering equity and justice in climate policies Societal Readiness Pilot: The consortium must include as beneficiary or associated partner at least three independent legal entities established in three different low or middle-income countries.(...)The research should be conducted through close collaboration between research teams from Europe and low or middle-income countries, hence international cooperation is required (see eligibility conditions)





List of topics explicitlymentioning international coop Cluster 5 2025 Work Programme (2/4)

- HORIZON-CL5-2025-06-D1-07: Implementing the climate action pillar of the EU-African Union Partnership on Climate Change and Sustainable Energy: If eligible for funding, legal entities established in the African Union member states may exceptionally participate in this CSA as beneficiary or affiliated entity. In addition, international organisations with headquarters in a European Union Member State, Horizon Europe Associated Country or an African Union Member State are also exceptionally eligible to participate (and eligible for funding). At least 40% of the beneficiaries must be legal entities established in the African Union Member States
- HORIZON-CL5-2025-02-D2-03: Sustainable processing and refining of raw materials to produce battery grade Li-ion battery materials (Batt4EU Partnership): To increase EU resilience in raw materials supply chains (...), participation in this topic is limited to legal entities established in Member States, associated countries, OECD countries, African Union Member States, MERCOSUR, CARIFORUM, Andean Community and countries with which the EU has concluded strategic partnerships on raw materials as well as trade (or equivalent, including the new Clean Trade and Investment Partnerships) agreements containing raw materials cooperation provisions (i.e., Energy and Raw materials chapters)
- HORIZON-CL5-2025-02-D2-08: Coordinated call with India on waste to renewable hydrogen: The
 project must include at least one work package for coordinated activities with the linked project awarded
 by the Ministry of New and Renewable Energy of the Government of India (MNRE)



List of topics explicitlymentioning international coop Cluster 5 2025 Work Programme (3/4)

- HORIZON-CL5-2025-02-D3-15: Building a Long-Term Africa Union (AU) and European Union (EU) Research and Innovation joint collaboration on Sustainable Renewable Energies: If eligible for funding, legal entities established in the African Union member states may exceptionally participate in this Coordination and Support Action as beneficiary or affiliated entity. In addition to the standard eligibility criteria, at least 40% of the beneficiaries must be established in African Union member states
- HORIZON-CL5-2026-02-D3-24 New CO2 capture technologies: In particular for DAC, international cooperation with participating countries of the Mission Innovation Carbon Dioxide Removal Mission is encouraged
- HORIZON-CL5-2025-02-D3-25: Effects of CO2-stream impurities on CO2 transport and storage: International cooperation is encouraged, in particular with projects or partners from the United States
- HORIZON-CL5-2025-04-D5-19: Knowledge sharing and dissemination to support road transport R&I in EU and around the world increasing global EU competitiveness : In the field of international cooperation in line with the UN SDGs and to support the European industrial competitiveness for the future road transport sector (...) actions in alignment with US and project in electromobility, namely in in Africa, Asia and Latin America (synergies with GG &UN GEF)





List of topics explicitlymentioning international coop Cluster 5 2025 Work Programme (4/4)

- HORIZON-CL5-2026-01-D6-03: Next-generation environment perception for real world CCAM
 operations: Error-free and secure technologies to improve energy-efficiency, cost-effectiveness,
 and circularity (CCAM Partnership): To achieve the expected outcomes, international cooperation is
 highly relevant, considering the lessons learned in this area (for example, from robo-taxi and freight
 transport trials in the US and China). Activities should foster links between the European ecosystem and
 relevant stakeholders around the world, in particular with Japan and the US but also with other relevant
 strategic partners in third countries
- HORIZON-CL5-2026-01-D6-04: Integration of human driving behaviour in the validation of CCAM systems (CCAM Partnership): To achieve the expected outcomes, international cooperation is encouraged with research stakeholders in Japan and the US but also with other relevant strategic partners in third countries
- HORIZON-CL5-2026-01-D6-05: Approaches, verification and training for Edge-AI building blocks for CCAM Systems (CCAM Partnership): To achieve the expected outcomes, international cooperation is encouraged in particular with Japan and the US but also with other relevant strategic partners in third countries
- HORIZON-CL5-2026-01-D6-14: Predicting and avoiding road crashes based on Artificial Intelligence (AI) and big data: Research is expected to develop recommendations for updates to relevant standards and legal frameworks. International cooperation is advised, in particular with projects or partners from the US, Japan, Singapore and Australia



The network of Horizon Europe Cluster 5 National Contact Point.



Partnering & Networking



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GREENET in a nutshell

- European network of National Contact Points (NCPs) for Cluster 5 "Climate, Energy and Mobility
- Funded by the European Commission under the Horizon Europe Framework Programme for Research and Innovation.
- Launched on the 1st Jul. 2022 Closing on 31st Dec. 2027
- 19 beneficiaries + extended CL5 NCPs community







The **aim of GREENET** is to improve the professionalisation of the CL5 NCPs:

- Raising the general standard of support to applicants by enhancing the competences of the Cluster 5 NCPs.
- **Raising applicants' awareness on HE funding opportunities as well as their knowledge** by the provision of a **suite of tools** to better tackle the challenges posed by the CL5 of HE.
- Lowering the entry barriers for newcomers and participants from widening countries.
- Increasing the quality and inclusiveness of international consortiums supporting matchmaking among the CL5 applicants.





Matchmaking events

A matchmaking event is a quick and easy way to meet potential cooperation partners for Horizon Europe proposals, organized through B2match tool.

- Registration
- Publish a 'project cooperation' to showcase your needs and/or pitch your skills or project ideas
 - What can you include in a project cooperation:
 - Title
 - Description
 - Project stage
 - Topic/Call
 - Type of cooperation sought
- Browse profiles of attendees
- Send & receive meeting requests
- Matchmaking Event



You have the chance to also pitch your skills and competencies or project ideas against one or more topics among those included in the calls, which can be selected during your registration phase.





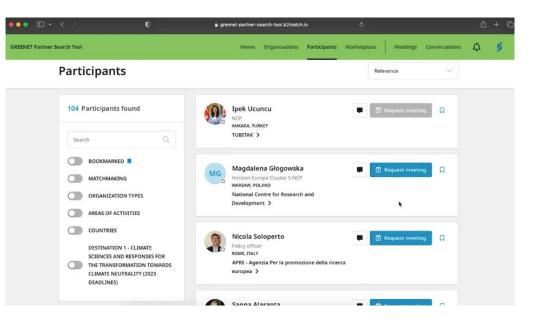
Support videos

In order to make the most out of all these networking

opportunities, it is crucial to understand how to use the platform in order to make one's expertise more visible and to better target potential partners. GREENET project has made this series of videos will help you fine-tune your description and cooperation profile in order to optimize your networking activities.

Check them out!

- 1. How to make most out of a brokerage event
- 2. Profile validation
- 3. How to set your availability
- 4. How to create an opportunity
- 5. How to find a right match
- 6. How to chat and book a meeting
- 7. Things to check







Thematic focus Cluster 5 Work Programme

- The event focuses on the following Horizon Europe – Cluster 5 calls 2025:
- Climate sciences and responses.
- Cross-sectoral solutions for the climate transition.
- Sustainable, secure and competitive energy supply.
- Efficient, sustainable and inclusive energy use (no topics on call 2025).
- Clean and competitive solutions for all transport modes.
- Safe, Resilient Transport and Smart Mobility services for passengers and goods.
- Social Sciences and Humanities.







Brokerage event







GREENET PARTNER SEARCH TOOL

- The PST offers a platform for networking among HE CL5 applicants, both potentially acting as coordinators and/or partners, supporting the creation of consortia for CL5 open calls for proposals
- permanently active
- available via **GREENET website**
- <855 registered profiles



Info How it works FAQ Contact Events Destinations

GREENET Partner Search Tool

An online database that manages Cluster 5 networking opportunities.

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 (2024).

The second purpose of the Greenet platform is online events. Stay updated with our online events by checking out the "Events" tab.

Register now Open until 30 December 2024

ORGANISED BY



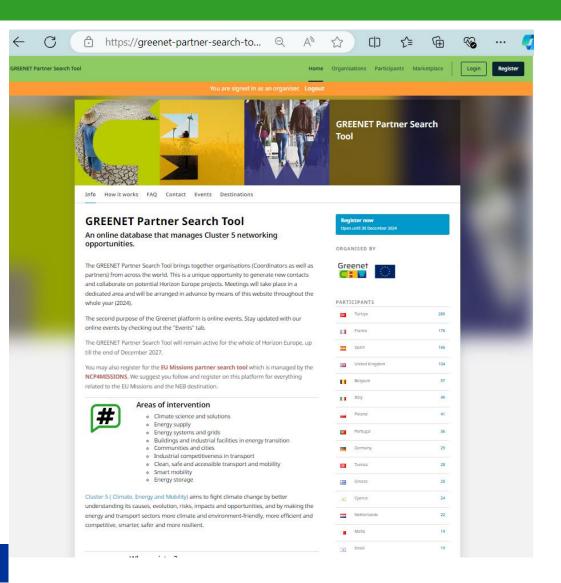
ART	ICIPANTS	
\$	Türkiye	191
	France	165





GREENET Partner Tearch tool provides possibility:

- for participants to find consortia
- for consortia to find partners
- to provide the functionality to set meetings with prospective partners, if registered
- to overview events relevant to cluster 5 areas





GREENET NCP website

Website Demo (from NCP

portal) https://horizoneuropencpportal.eu/cluster-5



Register on the GREENET Partner Search Tool - Info (b2match.io)





Live since April 2023

1500 registered partic

from 42 countries!



* as of 30/04/2025



Registration part 1: Participant & Organisation Profiles

ch Tool	Home Organisations Participants Market	ketplace Europe/Malta
1 PROFILE	(2) ATTENDANCE	Recommended because this is a virtual event.
Complete Your Profile Add information about yourself and your orga		Organisation Information
Personal Information		ORGANISATION NAME *
FIRST NAME*		Select existing or create new organisation
LAST NAME*		
JOB POSITION *		
MOBILE PHONE NUMBER *	Crily the event organiser can see your phone number	
PROFILE PICTURE * TIME ZONE *	Click here to upload a profile picture Please do not upload pictures of landscapes or logos. Please do not upload pictures of landscapes or logos. Please do not upload pictures of landscapes or logos. Please do not upload pictures of landscapes or logos. Please do not upload pictures	When entering the organisation name, it is important to check if your organization is already registered.





Who can register?

- 1. Participants from all countries (EU Member States, Associated Countries to HE and Third Countires).
- 2. More than one participant per organisation





Registration part 2: Selecting the calls for proposals of interest

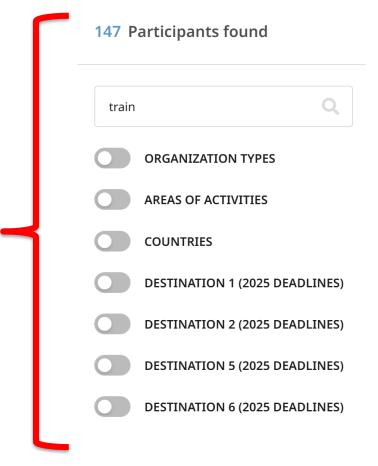
iearch Tool		Home Organisations	Participants	Mar
	Indicate the topics you are inte	nding to apply for		
	Tip! Good quality profiles are very selectiv	e about their chosen topics, limit your interest to a few per year!		
	DESTINATION 1 - CLIMATE SCIENCES AND RESPONSES FOR THE TRANSFORMATION TOWARDS CLIMATE NEUTRALITY (2025 DEADLINES)	Interested in 2025 topics		
	DESTINATION 2 - CROSS-SECTORAL SOLUTIONS FOR THE CLIMMTE TRANSITION (2025 DEADLINES)	Interested in 2025 topics		
	DESTINATION 3 - SUSTAINABLE, SECURE AND COMPETITIVE ENERGY SUPPLY (2024 DEADLINES)	 HORIZON-CL5-2024-D3-02-01: Digital tools for CSP and solar thermal plants 		
		 HORIZON-CL5-2024-D3-02-02: Development of next generation synthetic renewable fuel technologies 		
		 HORIZON-CL5-2024-D3-02-03: Development of smart concepts of integrated energy driven bio-refineries for co-production of advanced 		
		biofuels, bio-chemicals and biomaterials		
		HORIZON-CL5-2024-D3-02-04: Critical technologies for the future ocean energy farms		
		HORIZON-CL5-2024-D3-02-05: PV-integrated electric mobility applications		
		HORIZON-CL5-2024-D3-02-06: Innovative, Community-Integrated PV systems		
		 HORIZON-CL5-2024-D3-02-07: Resource Efficiency of PV in Production, Use and Disposal 		
		HORIZON-CLS-2024-D3-02-08: Minimisation of environmental, and optimisation of socio-economic impacts in the deployment, operation and decommissioning of offshore wind farms		
		 HORIZON-CL5-2024-D3-02-09: Demonstrations of innovative floating wind concepts 		
		 HORIZON-CL5-2024-D3-02-10: Market Uptake Measures of renewable energy systems 		
		HORIZON-CL5-2024-D3-02-11: CCU for the production of fuels		
		HORIZON-CL5-2024-D3-02-12: DACCS and BECCS for CO2 removal/negative emissions		
	DESTINATION 4 - EFFICIENT, SUSTAINABLE AND INCLUSIVE ENERGY USE (2024 DEADLINES)	 HORIZON-CL5-2024-D4-02-01: Industrialisation of sustainable and circular deep renovation workflows (Built4People Partnership) 		
		HORIZON-CL5-2024-D4-02-02: Robotics and other automated solutions for construction, renovation and maintenance in a sustainable built environment (Built4People Partnership)		
		HORIZON-CL5-2024-D4-02-03: BIM-based processes and digital bying for facilitation and ontimision circular energy repoyation		

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Greenet Partner Search Tool - filters





Info How it works FAQ Contact Events Destinations

GREENET Partner Search Tool

An online database that manages Cluster 5 networking opportunities.

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ORGANISED BY



	ICIPANTS	
6	Türkiye	191
	France	165





Other virtual tools - overview 1/2



The Horizon Europe network of National Contact Points for Climate, Energy and Mobility

Zero Emission Waterborne Transport

WATERBORNE



<u>(link)</u>



Newsletter #2

July 2023



<u>(link)</u>





Other virtual tools - overview 2/2

Greenet	
Find your NCP Activities Vews Repo	sitory Tools V Discover the ecosystem Subscribe to our newsletter ment Repository
Search Q	SHOWING 1 - 10 OF 515
Theme Pillar 2 (515) Cluster 5 Climate, Energy and Mobility (515)	ZEP CCS Association CCUS SET Plan 2021 Collections: Cluster 5 Repository Published by: Zero Emission Platform
Climate (41) Energy (80) Mobility (404)	ZEWT Waterborne SRA 2019 Collections: Cluster 5 Repository Published by: Zero Emission Waterborne Transport
Subject Automated driving (1)	ZEWT SRIA Transversal Aspects 2021 Collections: Cluster 5 Repository

EUROPEAN CL5 DOCUMENT REPOSITORY

(link)



uments

nnovation that are relevant to Horizon Europe Cluster 5: Climate, ne to any and all involved in European framework programmes. y the roles of the different organisations, and which organisations , shaping the direction of the future Work Programme and est within the Climate, Energy and Mobility sector.



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Greenet



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Thanks for the attention

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