

CLIMATE, ENVIRONMENT AND MARITIME

EU Missions

CINEA is managing and implementing three of the five missions under the Horizon Europe framework programme: Adaptation to Climate Change, Restore our Ocean and Waters by 2030 and 100 Climate-Neutral and Smart cities by 2030.

Budget (2021-2027): €10.5 billion ⁽⁹⁾

Key Areas	<ul style="list-style-type: none"> • Adaptation to Climate Change Mission: testing and demonstrating transformative solutions increasing climate resilience of the agriculture and forestry sectors, protecting infrastructure from climate change and building resilience towards health risks cause by climate change • Restore our Oceans and Waters Mission: protect and restore marine and freshwater ecosystems and biodiversity, prevent and eliminate pollution, make the sustainable blue economy carbon-neutral and circular • Cities Mission: accelerating the transition of European cities to climate neutrality by exploiting the potential of electric, automated and connected as well as shared people mobility and freight transport, engage cities in climate mitigation and adaptation efforts to reduce emissions, based on innovative use of urban greening and nature-based solutions, develop and test a digital twin of a Positive clean Energy District (PED) 			
WHO can apply?	<ul style="list-style-type: none"> • EU Member States, associated countries, low- to middle-income countries (see Chapter 8 of the Horizon Europe Programme Guide) • Legal entities: Public or private bodies, natural persons • International organisations <p>Beneficiaries must register in the participant register before submitting applications. For Research and Innovation Actions (RIAs) and Innovation Actions (IAs), consortia must include at least one independent entity established in a Member State and at least two other independent legal entities established in different Member States or associated countries. Legal entities from Member States and associated countries that are public bodies, research organisations or higher education establishments (including private research organisations and higher education establishments) must have a gender equality plan to be eligible.</p>			
WHAT activities can be funded?	<ul style="list-style-type: none"> • Demonstration activities • Training and communication activities 			
Range of EU Contribution	<ul style="list-style-type: none"> • Research and Innovation Actions (RIAs): up to 100% • Innovation Actions (IAs): up to 70% and in specific calls/topics up to 60% (except for non-profit legal entities, where a rate of up to 100% applies) • Coordination and Support Actions (CSAs): up to 100% 			
Links to relevant calls	HE Climate and EU Missions Calls for Proposals			
Target Technology Readiness Level (TRL)	<p>From 5 (Technology validated in a relevant environment - industrially relevant environment in the case of key enabling technologies) to 8 (System complete and qualified)</p> <p>As detailed in the TRL scale annexed to the Work Programmes of the Horizon Europe EU funding programme.</p>			
Project examples	<p>PlasticPiratesEU (June 2022 – November 2024)</p> <p>The 'Plastic Pirates – Go Europe!' citizen science initiative aims to raise awareness throughout Europe of the importance of rivers, the protection of natural resources and the significance of international research collaboration.</p> <p>The PlasticPiratesEU project aims at upscaling 'Plastic Pirates – Go Europe!' in countries across Europe by raising awareness among citizens and youth on the impact and benefits of research and innovation and increasing the capacity to collect, organise and verify data on plastic waste pollution stemming from and in European rivers, coastlines, and seas.</p>	<p>CLIMATEFIT (September 2023 – December 2026)</p> <p>The project aims to contribute to bridging the resilience financing gap by providing critical insight and building the capacities of public authorities to attract and orchestrate various public and private funding & financing sources.</p> <p>It aims to boost resilience financing in Europe by consolidating the dynamics in Local Resilience Taskforces (LRTs), and to promote and scale its research findings through the European Network of LRTs and its user-oriented One-Stop Shop.</p>	<p>UPPER (January 2023 – December 2026)</p> <p>The project aims to implement a combination of 84 push-and-pull measures, supported by the UPPER Toolkit and seven IT tools, acting on the five innovation axes that condition user choices: mindset and culture, urban mobility planning, mobility services ecosystem, road network management and democratic governance.</p> <p>The UPPER approach will involve communication, operations, infrastructure and urban fabric. The aim is to achieve an efficient, safe, inclusive and affordable public transport system in line with the concept of Mobility as a Right (MaaS).</p>	<p>REALLOCATE (May 2023 – April 2027)</p> <p>By integrating cutting edge sustainable mobility strategies and reallocating street space, the project aims to empower Mission Cities like Gothenburg-Tampere and Heidelberg-Utrecht.</p> <p>Through pilot programmes in unsafe areas, the project foresees to showcase urban space management and reallocation tactics, ultimately fostering knowledge exchange and collaborative learning among staff of different cities.</p>

⁽⁹⁾ Budget for Cluster 5 all sectors – Climate, Energy and Transport (without UK contribution). With estimated amounts on Missions 2021-27.