

Mobility Management Plans and Behavioural Change EC - Horizon Europe

ExpectedOutcome:Projects are expected to contribute to all the following outcomes:Better understanding of schemes' conditions and users' motivations leading to the uptake of urban mobility management schemes, including identification of levers as well as of challenges and barriers preventing their rapid and wide replication and uptake;Enhanced societal acceptance (e.g. measured by actual uptake) of mobility management schemes by relevant categories of "destination" organisations and their users: e.g. schools, universities, hospitals and other health facilities, tourism and leisure sectors, shopping malls, private companies;Shift towards low- and zero-emission means of mobility, such as active mobility (e.g. walking and cycling), public transport, shared mobility services or micromobility and a decrease in the use of motorised vehicles, in particularly internal combustion engine driven ones (e.g. through low emission zones);Broader acceptance and uptake of smart and bi-directional elect...

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Rethinking urban spaces towards climate neutrality EC - Horizon Europe

ExpectedOutcome:Project results are expected to contribute to all of the following outcomes:Development and implementation of solutions for a smart urban public space design and physical infrastructure planning and management across different areas related to the transport and integrated energy systems, which enable the integration of mobility services within the city and its street network and layout.Mobility and/or energy solutions that respond to people's and cities' needs co-designed with local authorities, citizens, and stakeholders, tested and implemented in cities to achieve climate neutrality by 2030.Raise awareness on the potential of this policy area to support urban public space revitalization and reallocation as well as more economically viable and resilient urban environments.Improvement of public health with better local air quality, reducing the urban overheating and pollutant emissions (air and noise), with better conditions and infrastructure for active modes and incre...

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ExpectedOutcome:Projects are expected to contribute to the following outcomes:Methods for more precisely assessing exposure to air, water, soil and/or noise pollution, health impacts and public information at regional and/or local level;Methods for better assessing exposure of vulnerable groups (including due to socio-economic context) to air, water, soil and/or noise pollution at regional and/or local level, enabling more precise evidence to inform health impact assessments;Improved and comparable assessment of mortality and morbidity impacts of air, water, soil and/or noise pollution at regional and/or local level[1]; Improved understanding of the role of behavioural economics, psychology and organizational behaviour to design measures oriented to lower pollution in urban environments;Improved understanding of the correlation between improving environmental quality of urban spaces and human health and wellbeing;Methods for determining the sources of air pollutants at urban level so...

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Integrated peri-urban areas in the transition towards climate neutrality EC - Horizon Europe

ExpectedOutcome:Project results are expected to contribute to the Climate-neutral and Smart Cities Mission's objective of climate neutrality in at least 2 of the 4 domains listed below (Mobility, Energy, Industry, Governance) and give all the following outcomes in the selected domains by the end of the project:Mobility:Increase accessibility and connectivity of peri-urban areas by providing inclusive, suitable and affordable alternatives with: 30% increase of sustainable transport modes, providing diversity of the transport offer, especially with regards to ensuring mass-transit, including among others energy-efficient shared and/or on-demand mobility services20% reduction of GHG emissions20% Improvement of air quality and noise reduction30% Reduction of urban road congestion whilst increasing the accessibility for both passengers and freight, and the reliability, predictability and efficiency of travel times and transport operations30% reduction of human health effects due to exposu...

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