

Abstract for a proposal

Call: [Changing urban spaces and mindsets to accelerate the transition to climate neutrality \(HORIZON-MISS-2024-CIT-01\)](#)

Topic: Rethinking urban spaces towards climate neutrality HORIZON-MISS-2024-CIT-01-01

Basic information

Submission date is 11 Feb 2025 and expected starting date: 1 Jan 2026 (10 months after submission).

The project is likely to be 3 years or 3.5 years.

The total budget is 45 million euro for 3 projects to be funded. Each project should have at least 6 cities' commitments.

SCOPE

The proposal addresses the aim to transform urban areas and regions towards circularity by fully digitalising space and mobility management. Specifically advanced digital tools will be developed and implemented in various urban and region contexts to optimise use of spaces based on needs of different times of a day, seasons, and other factors (e.g. events).

The proposal aims to bring innovation into reshaping urban space:

- Full digitalised approaches for policy makers/urban planners/ citizens/researchers for integrated urban planning with mobility services and freight transport, as an enabler to meet future demands.
- Define new functionalities of urban regions for provisioning systems, as energy, food, transportation, while estimating sustainability of material and information flows within the new system.
- Transform current urban planning and management principles from linear to circularly economy, while defining the explicit role of mobility and freight transport within the transformation process (currently: goods in and waste out; goods in, reuse, repair, recycle within cities)

Example of use cases:

- Digital tools for citizen engagement
- Flexible use of curb side
- Repair workshops and circular economy day enabled by flexible use of spaces
- Ad-hoc parcel collection and return
- Micro-hubs and digitalization of micro hubs for mixed use of urban functional areas
- Charging hubs with renewable energy generation onsite
- Renewable energy generation onsite for green hydrogen
- Urban consolidation center and urban freight consolidation.
- Parcel lockers as public service.
- Use of autonomous vehicle for food transport
- Fresh food delivery

CONSORTIUM

-CTAG (Spain)

-ALICE (Belgium)

-EIT Urban Mobility (Spain)

-Urban Radar (France)

-City Lorient (France)

-CEREMA (France)

-Paris (City)

-SINTEF (Norway)

-European Parking Association (Belgium)

-STAMtech (Italia)

-Placeholder city (Italy)

-ITL (Italy)

-Bologna (Italy)

-Cluj-Napoca (Romania)

-CARNET- CIT UPC (Spain)

-Placeholder city (Spain)

-TIS (Portugal)

-IGOT- ULISBOA (Portugal)

-Porto (Portugal)

-Factual (Spain)