Urban Innovative Actions

Funding innovation for Urban Mobility and the Digital Transition

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European Regional Development Fund

Région Hauts-de-France

Main objectives

Art.8 ERDF: "…*To identify and test new solutions which address issues related to sustainable urban development and are of relevance at Union level.*"

- To provide urban authorities with resources to test how new and unproven solutions work in practice and how they respond to the complexity of real life

- To draw lessons and share knowledge with other urban authorities across Europe

Main features of UIA projects

Requirements:

- Be related to sustainable urban development
- Be of relevance at Union level
- Support the thematic objectives and investment priorities for ERDF
- Thematic coverage of the Urban Agenda for the EU

Main features of UIA projects: Characteristics

Innovative

A new solution that has the clear potential to add value

Built and delivered in partnership

Involvement of key stakeholders relevant for the implementation of the project

With measurable results

deliver measurable results

Transferable

To what extent will the project be transferable to other urban areas across Europe

Of good quality

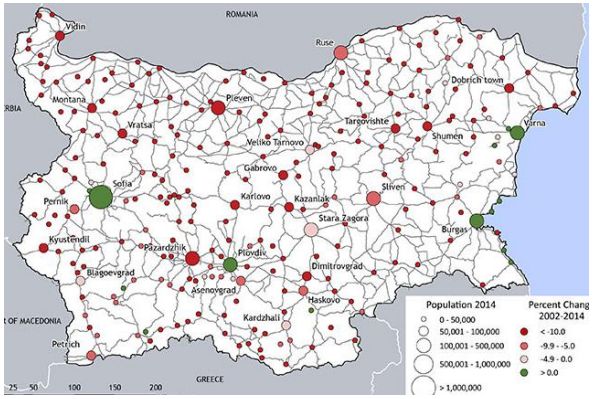
To what extent is the work plan realistic, consistent and coherent? To what extent is the budget coherent and proportionate?

Key figures

UIA element	How much?
UIA budget:	EUR 372 Mio ERDF
Co-financing per project:	max. EUR 5 Mio ERDF
Co-funding rate:	max. 80%
Project duration:	max. 3 years

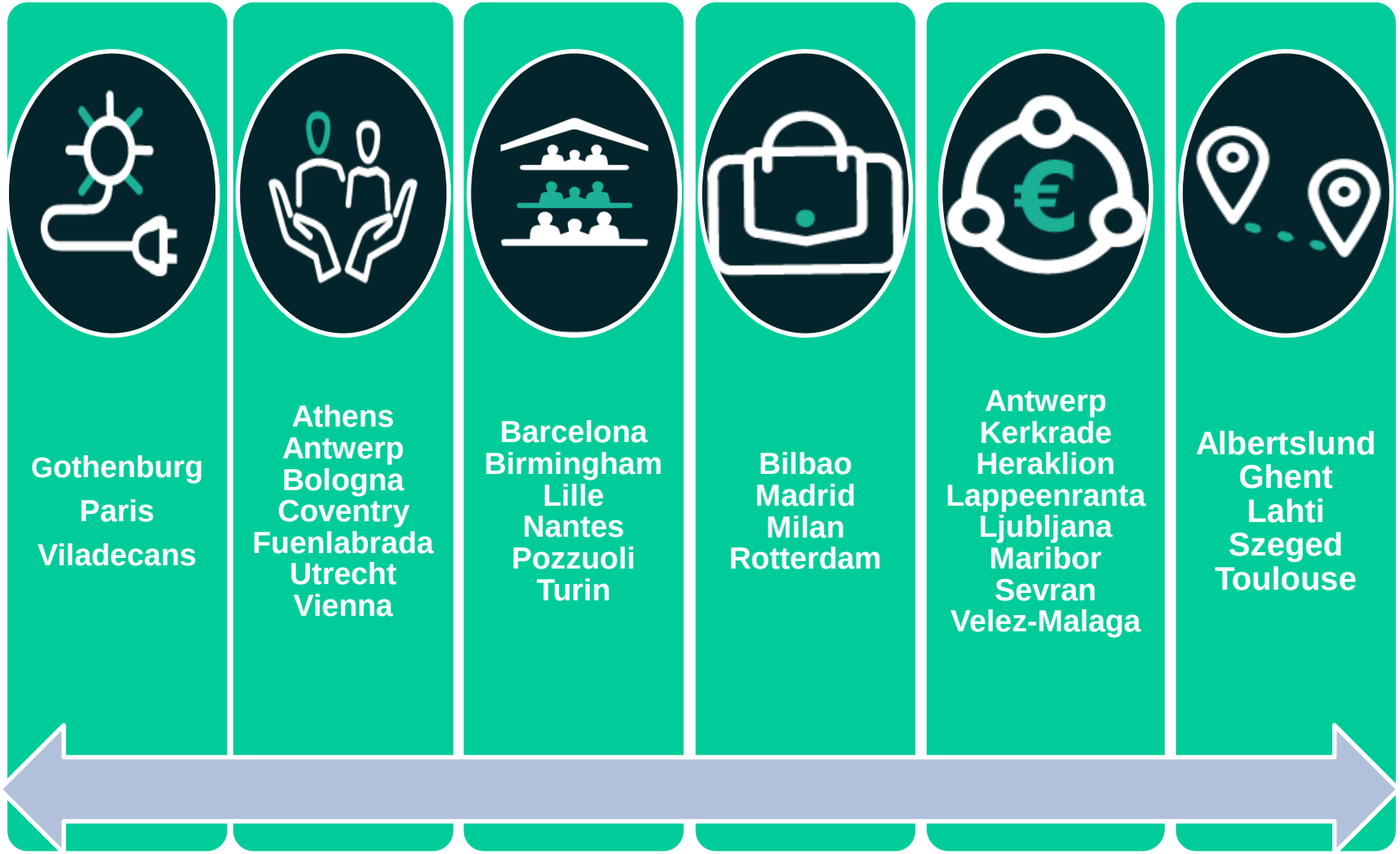
Eligible authorities

Any **urban authority** of a local administrative unit defined according to the degree of urbanisation as city, town or suburb comprising at least **50.000** inhabitants



Any **association or grouping** of urban authorities of local administrative units defined according to the degree of urbanisation as city, town or suburb where the total population is **at least 50.000 inhabitants**, this can include cross-border associations or groupings, associations or groupings in different regions and/or MS

33 Projects across the EU



Urban mobility

City of ALBERTSLUND

Transforming Urban Planning Providing Autonomous Collective mobility (TUPPAC)

City of ALBERTSLUND (TUPPAC)

- Test electric autonomous shuttle buses as a solution for the first and last mile “mobility gap”
- 4 driverless vehicles tested, ensuring link to and from 2 pilot Light Rail Transport (LRT) stations built in the framework of the new LRT infrastructure of the Greater Copenhagen Region
- Designing control systems, demonstrate the overall feasibility in two different urban environments while collecting and analysing feedback from users on three key aspects such as scheduling, routes and communication
- Special attention given to how pedestrians and cyclists experience interactions with the autonomous busses as well as to user experiences regarding in-buss safety, service inclusiveness and reliability.

City of GHENT

Traffic Management as a Service (TMaaS)

City of GHENT (TMaaS)

- Build a traffic management centre from scratch without buying expensive hardware/software

- Pool existing traffic management resources that already exist and users can subscribe to (i.e. Spotify)

- Personalised information will also be provided to each citizen depending on their specific user needs recommending the most sustainable and time-efficient way to travel

- Citizens will be able to interact with the platform by feeding back to the management control centre as they are best placed to shape the mobility culture in their communities.

City of LAHTI

Citizens' cap-and-trade co-created (CitiCAP)

City of LAHTI - CitiCAP

- Personal Carbon Trading (PCT) scheme to promote sustainable and low-carbon urban mobility by promoting and rewarding behavioural changes

- Scheme will be co-designed in the framework of the Sustainable Urban Mobility Plan and through a participatory and user-led process

- Urban mobility data gathered though the platform will be relevant for public authorities, as well as to foster sustainable mobility services and business opportunities

- Carbon-neutral bicycle highway lanes investments will be carried out in order to support low-carbon choices of transport

City of SZEGED

Smart Alliance for Sustainable Mobility (SASMob)

City of SZEGED - SASMob

• Building a data-driven intelligent transport system based on a structured multi-governance model with both public and private companies and transport providers.

• 2 main pillars:

1. employers mobility pledges - change institutional working arrangements (including commuting and telework deals).
2. data driven intelligent transport system - will collect and monitor commuting in order to shape a co-designed policy process based on human-vehicle infrastructure communication

• Small works to help employers contribute to operationalise commute and telework deals & for employees to access better to sustainable mobility modes in their everyday mobility chain

TOULOUSE Metropole

COllaborative Mobility Management for Urban Traffic and Emissions reduction (COMMUTE)

TOULOUSE Metropole COMMUTE

- Focused on: aeronautical and airport area where many of the city's jobs are located and future growth expected

- Engage and create a partnership with the main stakeholders in order to change commuters travel patterns and habits

- Combination of actions:
  - new urban mobility collaborative management system
  - digital platform to measure the impact of the measures that will feed into the decision making based on real-time data
  - new ways of working (teleworking, modular timetables), mobility services (car-sharing) and new infrastructure (autonomous vehicles)

UIA projects – main trends in urban mobility

Innovativeness of the proposed solution:

- Specific **innovative trends** in urban mobility:
  - Focus on **local governance** and how to involve users, employers, etc
  - Making users/travellers **aware** of their carbon footprint and empowering them to change their behaviour
  - Making **use of existing IT platforms** in order to pool together data for the benefit of all travellers
  - Pilot testing of **autonomous vehicles** for collective transport
  - **Anticipating** an increased need and use of PT
  - **Sustainable Urban Mobility Plans** including innovative actions

4th Call for Proposals: Opening soon!

- **4 topics**

- Call open: **October 2018 – end January 2019**

- Budget: **+/- € 100 million ERDF**

Call 4: Digital Transition

Enable and implement **smart cities solutions**
Enable and implement **citizen-centric eGovernment** solutions across sectors
Create value through **free and fair access to data** of any kind: open/public/private sector/personal data
Accelerate **adoption of digital emerging technologies**, which will modernize the city's infrastructure and services
Create a **business friendly environment** and act as places and platforms to allow agile experimentation of data-driven businesses and pull innovation into markets with large purchasing power, generating local economic growth

Thank you for your attention!

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