

CE243 - SOLEZ

Smart Solutions supporting Low Emission Zones and other low-carbon mobility policies in EU cities

Project Fact Sheet

Funding Scheme: Interreg CENTRAL EUROPE

Programme priority: 2. Cooperating on low-carbon strategies in CENTRAL EUROPE

Programme priority specific objective: 2.3 To improve capacities for mobility planning in functional urban areas to lower CO2 emissions

Start date: 01 June 2016

End date: 30 May 2019

Duration: 36 Months

Total cost: 1,933,734 €

Total ERDF Funding: 1,604,562.40 €

Project partners: Municipality of Vicenza (IT) – Lead Partner
City of Dubrovnik (HR)
University of Zagreb, Faculty of Mechanical Eng. (HR)
Transport Research Centre (CZ)
Coordinator of South Moravian integrated public transport system (CZ)
City of Graz (AT)
Pannon Business Network Ass. (HU)
City of Turin (IT)
City of Gdansk (PL)
City of Žilina (SK) - ZIL

Project summary

The majority of European cities have grown around an identifiable centre, where commerce, entertainment, shopping and political power are concentrated. As a result, city centres are responsible for a relevant part of urban traffic, from/to other urban areas and the hinterlands, where the urbanisation phenomenon is spreading year by year causing an increasing transport demand.

Various instruments can be used to tackle this phenomena, such as access restriction policies, the location and pricing of parking, improvement of public transport services. Nevertheless, each of these approaches has proved to present pros and cons that need to be carefully evaluated to identify the most effective mix of solutions for each functional urban area (FUA).

SOLEZ brings together cities which are working on low carbon mobility solutions at different extents, so to enhance their strategies and develop smart services and products around the concept of low emission zones (LEZ) in functional urban areas. Project activities will take into account local administrators', residents', tourists' and private operators' needs, and will lead to:

- Enhanced dialogue with key stakeholders about access restriction policies through the definition and implementation of proper participatory strategies and stakeholder involvement initiatives;

- Design, development and pilot application of innovative ICT-based services and solutions supporting low emission zones and other access restriction policies, by contributing to reducing the negative side effect of these interventions.

Through this, SOLEZ will ultimately contribute to achieving the European Union's targets for traffic reduction in functional urban areas, improving capacities of public administrators for low-carbon mobility planning and increasing the proposed interventions acceptability.

Expected results

- Increased partners' knowledge and experience on effective LEZ implementation approaches: A complete survey of relevant experiences of LEZ and other access restriction schemes in Central and other European urban areas will be conducted, with the scope to identify most effective approaches and to understand the reasons for higher or lower success of different experiences.
- Enhanced dialogue with key stakeholders about access control policies definition and implementation: Proper participatory strategies and stakeholders involvement initiatives will be implemented in the involved urban areas, to increase private stakeholders and civil society engagement in low-carbon mobility initiatives and LEZ-related decisions. This will lead to an increased acceptability, and thus greater effectiveness, of implemented interventions.
- Innovative ICT-based services and solutions supporting the implementation of LEZ and related policies in functional urban areas: Within the project, and in close collaboration with local stakeholders, a set of different ICT-enhanced solutions will be developed and tested in the different partner cities, aiming at increasing acceptability and reducing negative side effects of LEZ and other access restriction policies. The main addressed topics will be: Access to parking, Multimodal transport of goods to/from LEZ, Clean transport use and promotion.

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