



Low-carbon  
economy



European Union  
European Regional  
Development Fund

CISMOB promotes innovative ways of reducing carbon footprint and increasing the sustainability of urban areas through efficient use of urban transport infrastructure with the help of information and communication technologies (ICT).

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## Welcome to the fifth Newsletter of CISMOB!

CISMOB's Phase 2 started last April, so project partners have been fully dedicated to their action plans' implementation and monitoring. Nevertheless, there are lots of activities ongoing across CISMOB regions. Please, take a look.

## AGENDA - ICT towards low carbon and sustainable mobility – a multiscale perspective

During CISMOB interregional cooperation, many lessons and good practices were learnt. The '[AGENDA - ICT towards low carbon and sustainable mobility – a multiscale perspective](#)' brings together outputs of such exchange of experience and collaboration.

Since local and regional authorities play a key role in promoting and implementing low



carbon mobility solutions, the main objective of this Agenda is to provide regions, their decision makers and managing authorities, simple methodological approaches, such as to:

- estimate the transport-related environmental and social impacts of the transport sector in their region;
- identify and classify regions regarding the penetration of ICT and ITS (Intelligent Transport Systems);

- predict potential environmental gains of projects focused on sustainable mobility in order to set up ambitious, but realistic targets on regional policy instruments;
- share a set of good practices identified over the first phase of the project.

This Agenda is an important tool for regions to develop strategies for reducing the carbon footprint, and is available at [CISMOB's website](#).

### **Action plans: phase of implementation, monitoring and evaluation**

The first phase of CISMOB project was devoted to exchanging experiences and ideas, sharing knowledge and learning good practices on how to improve policies associated with the transport sector, in an attempt to promote policy change towards low carbon and sustainable mobility.

The policy learning process benefits from this interregional/international cooperation between CISMOB partners, through the exchange of experiences, knowledge transferability and the identification of possible good practices to include in CISMOB regions mobility policy strategies. Therefore, the main deliverable of CISMOB's phase 1 was the development of four Action Plans to improve the Policy Instrument identified by each partner. The Action Plans are a means to transfer solutions, through guides for the implementation of selected good practices and inspiring ideas shared by the CISMOB project partners.

The promotion of real-time information systems as a mean to improve quality in public transport and to increase attractiveness of public transport service is a key measure included in the Action



Plan for the Operational Programme (OP) of the Centro Region - Centro2020 (Portugal). Moreover, it aims to encourage the submission of projects for developing intelligent mobility plans focused on strategies to foster connected and automated mobility, and on effective reduction on air pollution. There is also the concern of promoting deployment of pilot-projects on innovative monitoring systems, including environmental assessment.

A key factor in the management of Structural Funds, in order to promote their efficiency as an instrument for decarbonization, is the merit evaluation framework for assessing projects submitted for OP CENTRO 2020. In the CENTRO region, LP (University of Aveiro) and PP3 (Municipality of Águeda) are working closely with the Managing Authority (MA) CCDR-C to improve the governance of this policy instrument.



The improvement of Águeda Mobility Management and Observation Platform and the promotion of an attractive public transport network are key measures included in the Action Plan for the Sustainable Mobility Strategy for the Municipality of Águeda (Portugal), along with promotion of actions to raise awareness for the use of soft transport modes and to drive behavior change towards sustainable mobility (e.g., through eco-driving and fuel saving coaching lessons).

The Action Plan for the OP for ERDF of Extremadura 2014-2020 (Spain) relies mainly in a strategy for boosting electric mobility in Extremadura, with a special focus on the deployment and coordination of an interoperability system of the charging stations network.



Inițiativă locală. Dezvoltare regională.



To improve the Regional Operational Programme 2014-2020 (Romania), an important measure related to increasing the share of public transport through ICT systems is included in the Action Plan. In particular, submission of projects promoting development of e-ticketing systems, multi-modal public transport terminals, park and ride facilities, and travel planning applications should be encouraged. Moreover, a special attention should be given to building bicycle lanes, bike-sharing systems and improvement/development of pedestrian areas.

Now, it is time to get closer to the Managing Authorities in order to implement those Action Plans.

## Bucharest - Ilfov Inter-Community Development Association for Public Transport

Project Partner #5 (until 31/03/2018, PP5 was Bucharest Metropolitan Transport Authority)

The Bucharest - Ilfov Inter-Community Development Association for Public Transport was established in November 2017, as a structure of public utility of all 42 local authorities of the Ilfov region and city hall of Bucharest.

The Association is a private non-profit entity, being its goal to establish, organize, regulate, operate, monitor and manage the local public transport service within the competence range of the member administrative - territorial units.

It also aims to improve integrated mobility through coordinated administration and adequate financing of public transport services within the Municipality of Bucharest's transport influence area by:

- reducing existing economic and social imbalances, stimulating balanced development and accelerating recovery of delays in bringing public transport to European standards within the area of competence;
- linking governmental sectoral policies within the influence area by promoting initiatives and capitalising on local resources for increasing the quality and attractiveness of local public transport, focusing more on the entire activity, meeting the needs of citizen mobility, with impact on reducing car traffic and pollution, increasing energy efficiency in transport, improving environmental conditions and citizens' life-quality;



- promoting intra-community cooperation with the purpose of achieving projects of common interest, in accordance with the international agreements to which Romania is a party.

Establishing policies for activities related to the authorization, organization, management and control of public passenger transport services in the Bucharest-Ilfov Metropolitan area is as well a priority, especially in what concerns to transport by bus, trolleybus, tram, subway, regional trains, naval transport and other terrestrial, waterborne and suspended means of transport, including alternative transport systems.

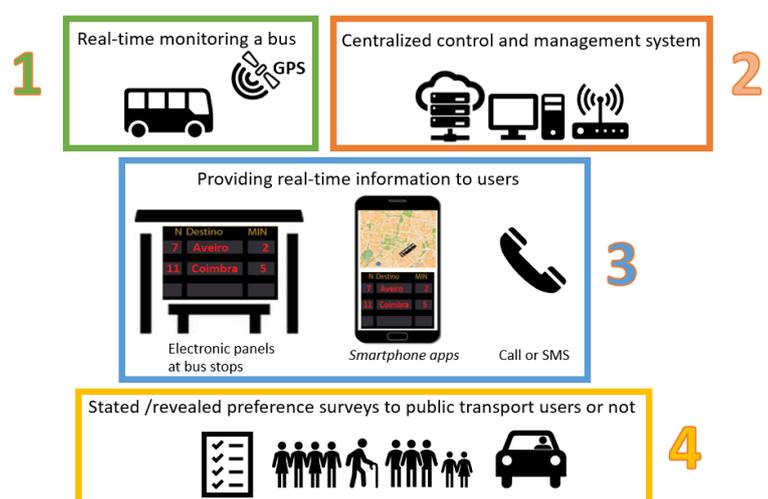
Its Associates agree that the common interest underlying the Association is the general interest of inhabitants within the area of member administrative-territorial units in improving the quality of the Service, under conditions of certain tariffs and/ or taxes respecting the limits of supportability of the population and the "polluter pays" principle, the attainment and observance of European environmental standards, as well as increasing the capacity to raise funds for the financing of necessary investments in the technical and public infrastructure related to the Service.

[+ info](#)

## CISMOB Pilot Action

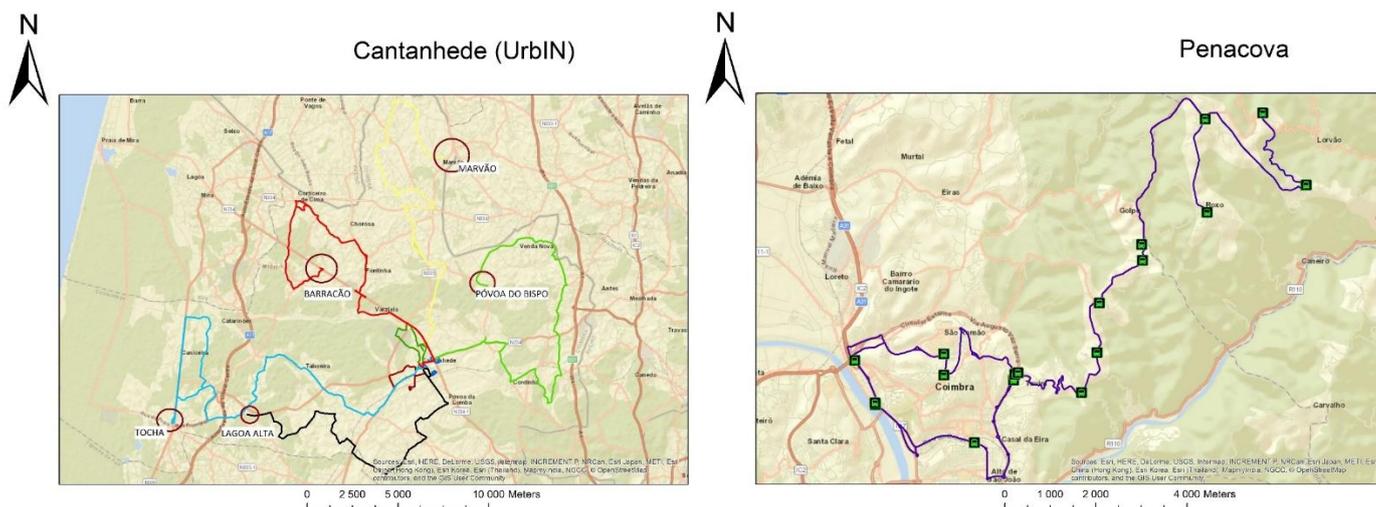
### Update on the Pilot Action - Real-time information for public transport, CENTRO Region, Portugal

CISMOB's pilot project on using Information and Communication Technologies for real-time information on public transport is being implemented in the area of Cantanhede, Centro Region, Portugal. The INOVA – Cantanhede's Economic and Social Development Enterprise, Transdev and Coimbra Region Intermunicipal Community are playing a key role in the deployment of this pilot action.



Providing accurate and real-time information about services can be an effective way of encouraging passengers to use public transport. The main objective of the pilot-action is to assess the impact of different technological approaches by installing a prototype in a set of bus lines, serving passengers with heterogeneous socio economic and demographic profiles.

The case studies for deployment of the prototype are highlighted in the following figures.



At this stage, stated preference-based surveys were already designed. Internet and supplemental on-site surveys are being implemented. The presential surveys are mainly being carried out in the regions of Aveiro, Cantanhede and Coimbra in CENTRO Region of Portugal, and in Stockholm, Sweden. The idea is to obtain a diversified sample of public transport users and non-users, which will allow to assess both the potential of innovative ICT solutions to attract potential new clients, and the level of satisfaction of current users among different presented solutions in terms of platforms to display public transport-related information or types of information.

We would appreciate your feedback about this topic, if you could take a few minutes to participate in this [Survey](#).

[+ info](#)

## CISMOB Event in Badajoz

Although the 1st phase of CISMOB Project has come to a conclusion, CISMOB partners will continue learning from each other during the implementation phase of the action plans. In order to ensure proper project management and monitoring of the different action plans, CISMOB partners will meet in Badajoz – Spain, during the Spring of 2019, to consolidate and report the outcomes observed in CISMOB regions as a result of the European interregional cooperation network.

More information about this event will be available at the [CISMOB's website](#) soon.

### **Smart Cities Romania debated the future of cities**

*ITS Romania - a CISMOB partner - along with CNR-CME, ARTS and ITS Events Management organized in Bucharest the 4th edition of the annual National Smart Cities of Romania Conference that took place in 30th of October 2018.*

*The event brought together policy makers and the industry to discuss different topics related to Smart Cities, including a dedicated panel for smart, green and sustainable mobility.*

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### **Sustainable Mobility and Energy on expoENERGEEA 2018**

*This annual meeting gathers stakeholders from the energy sector, and its 4th edition took place in Mérida, Spain, from 28th to 29th November 2018.*

*ExpoENERGEEA is organized by the Extremadura Energy Agency - a CISMOB project partner - and the Energy Cluster of Extremadura. It aims to be a meeting point for cooperation, exchange of experiences and knowledge between companies, agents and related institutions from the energy and electric vehicle sectors, of both sides of the Spanish-Portuguese border.*

[+ info](#)