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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 6th Newsletter of CISMOB!

The first phase of the CISMOB project had been full of activities, with many exchange of experience, transfer knowledge and interregional cooperation among the CISMOB consortium. This was fundamental for learning many inspiring good practices that led to different measures incorporated in the action plans that are currently being implemented. We are now in the middle of the second phase and it is the right time to give you a brief overview of the main project achievements so far.

We are proud that CISMOB has gained lots of visibility! For instance, CISMOB was the only IE project to be considered one of the six inspiring European mobility actions highlighted by the 2017 EUROPEAN MOBILITY WEEK Best Practice Guide. The project was the first IE project to have approved a pilot action on real-time information systems that is currently implemented in Cantanhede and Penacova Municipalities, in Centro Region, Portugal. The CISMOB project was also one of the three projects endorsed by the Joint Secretariat of IE Program to compete for the REGIOSTARS 2019 Awards.

The outputs of the exchange of experience process were consolidated in the agenda "ICT towards low carbon and sustainable mobility - a multiscale perspective" that was sought to be a document with methodologies for identifying and assessing transport-related externalities, as well as reporting a set of good practice solutions. This document is already available in the CISMOB website.

CISMOB project partners have been committed in fostering the use of innovative solutions capable of integrating new methods, automated systems, metrics, technologies, open data sources and IoT and transport applications among their regions. Besides these achievements highlighting the success of our project, CISMOB has been demonstrating impacts and policy changes in the regions within the CISMOB consortium.

In what follows, you will find more information about CISMOB achievements and latest activities.

CISMOB Impacts at different time frames

SHORT-TERM

New mobility apps and services (e.g., information in real-time for public transport in Centro Region - smartphone apps and e-solar panels);

Walking and connected bicycles in Águeda City;

Interoperable e-mobility systems in Extremadura;

New e-ticketing systems in Romania;

New realistic criteria for possible funded low-investment ICT-based projects with potential to avoid between 5-100 TON CO2 per year.

MEDIUM-TERM

Citizens awareness of the importance of ICT and data-mining for new products;

Improved professional capacity from the public and private sector with consequent impacts at the decision-making level;

Development of a transport economy and new mobility services based on data sharing knowledge and innovation.

LONG-TERM

Significant emission reductions at a regional level through synergies between multiple projects and a society with increased equity and accessibility levels.

CISMOB Regional Impacts

We are proud to announce that some of the measures foreseen in the action plans developed during the first phase of the CISMOB project are already or at least, will be implemented. We are also proud of the general awareness raised on low carbon and sustainable mobility amongst CISMOB project stakeholders, public entities, municipalities and overall community. Visit the project website news.

REGIONAL OPERATIONAL PROGRAMME CENTRO 2020 - CENTRO REGION

- A pilot action is being implemented in Cantanhede and Penacova to evaluate different platforms for real-time information for public transport;
- 4 new evaluation criteria for projects based on open data platforms and real-time information systems and citizen assistive technology were implemented;
- New method to estimate CO2 emission reduction was designed, benefiting the approval of ICT-based projects.

SUSTAINABLE MOBILITY STRATEGY FOR THE CITY OF ÁGUEDA

- The trip planner "Águeda OpenTripPlanner" provides information on optimal walking and cycling trails;
- A car sharing platform is being implemented in Águeda;
- The project "Connected Bikes", inspired by the Not Boring 5G Bike project from Sweden, will provide bicycles with sensors to measure Nitrogen Oxides, Carbon Monoxide and Particulate Matter.

OPERATIONAL PROGRAMME EXTREMADURA 2020

- Extremadura's Regional Government along with AGENEX developed a new mobility model in the region based on security, efficiency, and economic and environmental sustainability called Strategy for Boosting Electromobility in Extremadura, which was inspired by the good practice on fully integrated innovative electric mobility model from Portugal - Mobi.E.

REGIONAL OPERATIONAL PROGRAMME ROMANIA

- New smart ticket systems funded under the PI Regional Operational Programme (e.g., city of Arad)
- Smartphone mobile traveller's information on available routes to minimize waiting times in stations in Bucharest City (both initiatives were inspired by good practices from Stockholm).

AGENEX - Extremadura Energy Agency

The Extremadura Energy Agency (AGENEX) is a public institution, created in 2001 thanks to the EU SAVE programme, with the aim of promoting renewable energy sources and increasing the Cooperative Information Platform for Low Carbon and Sustainable Mobility.

The main activities of AGENEX are focus on:

• Supporting local and regional policy makers in the field of energy.

• Boosting the implementation of green technologies related to the energy sector (Renewable Energy Sources, Energy Efficiency and Sustainable Mobility EE).

• Promoting the behaviour at change in general public, customers, users and decision makers by providing awareness actions, training, information campaigns, etc.

In the last 5 years, AGENEX developed projects and collaborations with several European entities.

AGENEX Vision:

• To place Extremadura in a main position as RES producer at National and International levels, especially in the bioenergy and solar sectors.

• To elevate Extremadura into a national reference on the promotion of RES and EE policies, technologies and employments.

• To promote a strong energy sector allowing to economically develop the region, booting employment and rural development.

AGENEX role in CISMOB project is to be the Spanish representation on Cooperative Information Platform for Low Carbon and Sustainable Mobility. On the one hand, AGENEX is learning from other European experiences sustainable mobility and, on the other hand, AGENEX is sharing its own best practices on this field that aims from Extremadura region.

CISMOB Upcoming Events

Partners will meet in Bucharest in order to ensure the project management and monitoring all the activities and actions plans, with the main objective to consolidate and report the outcomes from CISMOB project as a result of the European interregional cooperation network.

ITS will host the 7th steering group at Bucharest, Romania, between the 3rd and 6th July 2019.

The CISMOB Final Conference, organized by the Lead Partner University of Aveiro, will take place on November 2019, in the city of Aveiro. This event will bring together experts, stakeholders and citizens and present the achievements of CISMOB. It aims to offer an overview on transport networks and intelligent transportation systems profits/benefits, as a result of the initiatives and pilot actions promoted by the CISMOB project.

This major event will include sessions for sharing regional experiences and results from CISMOB action plans.

More information will be available at CISMOB's website soon.

Smart Cities and Urban Agenda of the EU – Oradea, Romania

From 28th to 30th March, the Oradea Municipality hosted the conference Smart Cities and Urban Agenda of the EU, with around 100 participants including mayors, politicians and industry representative.

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ITS Romania - a CISMOB partner & NEXT- **E European Project**

In the summer of 2017, E.ON's electricity supplier and Mol's fuel supplier launched the European NEXT-E project, which will deploy 40 charging stations in Romania nationwide by 2020.
Last month E.ON opened Suceava and Roman two fast charging stations for electric cars with power of 93 kW. There are now 7 stations out of a total of 40 that will be built in Romania under the European Next-E project.

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Hack for Sweden 2019

Between April 4 and 6, the 500 hackers (participants) competed in which team can create the most beneficial solutions socially using open data.
Hack for Sweden 2019 has focused on areas that are considered to be the most computerized, areas where data are most available or potential - Health, Traffic, Environment, Business, Labour Market, Research and Education.

"The solution VR Sweden makes the experiences of life accessible to people with mobility restrictions. The team intends to create an NGO that operates a platform for everyone to take part of experiences through peer-to-peer VR technology and live streaming even if they cannot travel due to mobility issues or other disabilities. The team has a well though trough strategy including plausible partnerships, investment plan and clear go to market strategy with a positive impact for society."

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Bucharest Municipality launched smartphone Apps

In early April, The Municipality of Bucharest launched 2 smartphone Apps as part of the smartcity strategy. The InfoSTB (traveller information and route planning – for now it "knows" only surface transport, not metro) and Parking Bucuresti. The parking Bucuresti shows public parking places on the map, it can guide to a selected parking and in the future will show in real time the number of available parking places. The app also has the option to pay for a parking place

ITS Romania Congress 2019

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This meeting gathers experts from the transport sector, and will take place in Timisioara, Romania, on 16th to 17th May 2019.

The Congress is the main platform to exchange information and knowledge between academia and industry, technology suppliers and users, national and European initiatives and is planned to be the largest ITS event in Eastern Europe. It has the objective also to cover smartcity/urban mobility topics.

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Páscoa a Pedalar 2019 – Águeda Municipality

The municipality of Águeda has decided to provide a special activity during this year Easter/Spring Break to a few children. This initiative, named "Páscoa a Pedalar" which can be translated as "Easter on Pedaling", aims to promote cycling as a mean of transportation among our future sustainable citizens. The mini-cyclists had three areas to visit: a gymkhana, a mechanical area to ensure that everybody knows how to resolve a flat tire and a safe zone to teach kids how to ride a bike. The underlying strategy was to show how fun is to ride a bicycle, help to remove the most common mechanical obstacle and making sure that everybody knows how to ride.
The results went beyond expectations due to the shear happiness of the toddlers and the willingness to keep riding the circuit, learning how to ride in spite of a few soft falls and the curiosity associated with some mechanical problems.
It´s planned to be imbedding it in the annual municipality activities plan, thus spreading it to other schools in the municipality.

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Public Transport in Bucharest - Ilfov

To improve public transport in Bucharest, the Municipality of Bucharest started the procurement procedure for awarding the contract for the supply of 100 new trolleybuses from the 12 m range, by publishing the tender announcement in the public procurement e-procurement system (SICAP). The estimated purchase value is 44 mil. Euro. The financing comes from non-reimbursable funds, the Bucharest Municipality having concluded with the Administration of the Environment Fund, to this end, the financing contract, aiming at the purchase of 100 trolleybuses and 130 hybrid buses.

The total value of the investment in the new public transport means (100 trolleybuses and 130 hybrid buses) amounts to approximately 488 million lei, of which non-reimbursable funds received from the Environment Fund Administration represent 340 million lei. Another procedure, which targets the purchase of 100 modern trams, is also under evaluation at the Municipality.

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InfoSTB route planner app

The Bucharest Transport Company has developed a smartphone mobile travellers information program on the joint transport program and the available routes to minimize waiting times in stations.

The application uses data from GPS / GSM4G equipment installed on 1,440 public transport vehicles used by STB, as well as new purchased buses and is available for iOS or Android mobile phones. InfoSTB is more than an application, being an important component of internal use at public transport operator level - being a real-time vehicle tracking and route configuration system, which allows constant improvement of internal processes. As a user, you have access to a transportation network with over 170 urban and regional lines, and over 1500 vehicles which circulates through Bucharest and the metropolitan area. You can choose to start your trip from your current location, you can choose another location on the map, or you can choose your destination by searching an address, a point of interest or a desired station. You will know exactly how much you'll have to walk to the nearest station, when the vehicle will arrive to the station and how long the trip will take. You will be able to see in real time the vehicle you have to get on, and you'll be notified when you must change the line. The app is available on Appstore and google play. Also, there is available a desktop version.

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Municipality of Bucharest - proposes STB's tram network reconfiguration

The Municipality of Bucharest, through the International Development Inter-Community for Public Transport Bucharest - Ilfov (ADTPBI), announces the intention to reorganize the tram network in Bucharest, STB SA.

In the proposed project, the changes aim at increasing the efficiency of the tram lines and, at the same time, increasing the confidence and interest of the population in this non-polluting means of transport. In July, the CISMOB partners will meet in Bucharest for the second time in this phase of the CISMOB project. further details will be provided.

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Best practices of AGENEX in sustainable mobility

AGENEX has participated in the exchange of experiences "ELECTRICITY MOBILITY IN THE EUROACE: Sustainable transport in rural areas" organized by Fundecyt-PCTEX and which is part of the activities of the EUROACELERA cross-border cooperation project, co-financed by the European Regional Development Fund (FEDER), EP-INTERREG VA Spain-Portugal (POCTEP), which promotes the development of the border areas of Spain and Portugal. What will happen with the rural environment? What alternatives can new technologies offer in mobility for a habitat so different from cities? Will it be possible to implement electric cars in an area of use so different? Does the rural environment have greater difficulties attracting investment to implement those infrastructures associated with electric mobility?

In this context, it has been developed a meeting for exchanging ideas, actions and initiatives to analyse the situation and perspectives of electric and sustainable mobility in rural areas. AGENEX has presented its main works in this field, referring CISMOB as an innovative project for improving the implementation of regional policies and local mobility programmers by having a thorough understanding about the different transport-related impacts and the main vulnerabilities associated to different zones of the territory.

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