



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 second Newsletter of CISMOB!

A lot of activities took place since our 1st newsletter.

We are particularly proud of the 1st CISMOB Building Capacity Workshop (and all of its events), held in Cáceres, Spain. Many interested stakeholders, entities and citizens participated in these events. There, representatives of CISMOB partners introduced the project and participants were able to understand the CISMOB main vision and objectives, and discuss many concerns related to the role of each one can play in driving policy change toward sustainable mobility.



Concretely, several cases of not only local, but also international perspectives on sustainable mobility, with particular focus on ITS solutions were presented. New ideas on smart city initiatives and mobility plans that highlight implementation of integrating ICT into regional and local programs were presented and discussed. Participants in the second main event were also able to get in touch with the most recent technologies and improvements on electric vehicles. In both events, the panel discussions were very interesting and proactive, with many participants and interventions. Therefore, we think such events significantly contributed to the success on disseminating the CISMOB objectives and rose interest and awareness, and motivated stakeholders to share the CISMOB vision that ICT are key tools. We believe that change is only possible through the collaboration, cooperation, and commitment of all partners, stakeholders and public entities, allied with citizens' engagement. *(continues)*



In addition, local stakeholder meetings were held in Portugal, Romania and Extremadura, where dozens of stakeholders actively discussed the application of ICT to promote sustainable mobility. The staff exchange program has already allowed staff from partners of University of Aveiro (UA), BMTA and ITS-Romania to exchange experiences in a common working environment. In May 2017, researchers from UA team cooperated with AGENEX team in Badajoz, aiming to explore new ideas and highlight possible solutions for predicting link-based carbon emissions from local crowdsourcing data.

In June 2017 Stockholm University and University of Aveiro CISMOB members coorganized the workshop SOCIAL on PETRA 2017 conference in the islands of Rhodes, Greece. This workshop gathered an interdisciplinary group of researchers working in areas such as smart cities and data science, focusing on novel methods and technologies for building environmentally sustainable ecosystems and influencing decision makers when launching smart city initiatives. A CISMOB technical paper was presented in the workshop summarizing the best practices in ICT related to sustainable mobility.

Stockholm University

PP2 Advisory Partner

The Department of Computer and Systems sciences (DSV) of Stockholm University is the oldest and the largest ICT departments in Sweden. With 4 centers of excellence on eGovernment and relative disciplines, DSV is uniquely qualified to address problems that reflect the wide spectrum of the social needs and issues based on the blend of engineering ingenuity, rigorous theoretical foundations and a vision of their prospective social, economic and cultural impacts. DSV has a long experience in EU projects within the areas that range from studying and modeling the epidemiological aspects of diseases or the impact of flooding to national economies, through decision making systems for participation, models for comprehensive information security and privacy, service oriented computing, semantic web and ubiquitous learning. Founded within DSV, eGovlab's mission is to develop new technologies and methodologies for governance. (*continues*)



Currently, eGovlab has a strong focus in sustainability, ICT and smart cities, where transport is a strong component. It is collaborating with municipal and national level government on these thematic areas via its board of directors (e.g. city of Stockholm, environmental protection agency, transport agency, ministry of enterprise). Hence, in addition to technical expertise, eGovlab can tap into multiple networks of excellence, while carrying forward best practices from the Swedish case.

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ICT system in carbon emissions and others pollutants

eGovlab is an independent centre of eGovernance within Stockholm University and one of the partners in the CISMOB project. eGovlab is a public agency generating impact on Government Agencies Innovation. With projects such as SENSE4US, eGovlab seeks to integrate open data and social media policy modelling, helping decision-makers to visualise information via a better decision support system. Using open data in meaningful ways is a core thematic of eGovlab's work



as it aims to move from systems of records to systems of engagement via ICT. A number of activities (such as workshops, hackathons – Hack for Sweden 2017 was hosted at eGovlab SU) and projects bring together policy makers, citizens, academia and private sector. Ground Truth consists of a great ongoing project, where a collaboration system was set to use citizen data and open maps for better water governance and sustainability in Sweden (EPA partners). Another open data project that brought enriched data to cities in Sweden was Thundermaps led by a start-up who we mentored. Thundermaps visualizes authorities data and offers geolocated notifications on a mapa for citizens to inform them about news, events, alerts and improves safety. eGovlab's mission also aims to establish a cross-border interoperability infrastructure between agencies across Europe, via Large Scale Pilot projects such as e-Sens, STORK and TOOP (ongoingance-only principle project).

3rd main CISMOB interregional event



The 3rd main CISMOB event will take place on 8-10 October in Bucharest, the 6th largest city in Europe and one of its main industrial and transportation center. The event will be organized by ITS-Romania and Bucharest Metropolitan Transport Authority. The 2nd Thematic Seminar (October 9) will aim at developing a comprehensive framework and sharing conceptual knowledge about the importance of Intelligent Transport Systems (ITS) for promoting an efficient and sustainable transport system. A follow-up exchange of

experience will take place in the 2nd Capacity Building Workshop (October 10). This event aims at gaining an overview on how transport networks and intelligent transportation systems can be applied based on a holistic perspective for reducing carbon footprint, pollution levels under equitably and social cohesion concerns. The agenda of this event will include sessions for sharing regional experiences, for interactive action with partners, stakeholders and experts, and a plenary meeting session to discuss ideas and possible solutions. The event will be organized in parallel with the national conference of Smart Cities of Romania.

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2nd CISMOB Thematic conference 9-10 October 2017 Bucharest, Romania

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2nd Building Capacity Workshop 10 October 2017 Bucharest, Romania

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November 2017 3rd Regional Stakeholder Meeting CENTRO REGION ICT in public transport sector – opportunities in CENTRO

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Online survey for Centro Region (PT) stakeholders

“Following the evaluation of the state of the Portuguese CENTRO region in the area of sustainable mobility and use of ICT in the transport sector, the University of Aveiro (UA) CISMOB’S team selected a set of good practices learned during the interregional cooperation process to be supported by the 2020 operational program CENTRO 2020.”

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CISMOB on the new EUROPEAN MOBILITY WEEK Best Practice Guide

“The 2017 EUROPEAN MOBILITY WEEK Best Practice Guide has been published and the CISMOB project was considered as one of the 6 inspiring European mobility actions.”

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Tougher emissions tests to stop manufactures falsifying results

“Emissions tests are being designed as part of European regulations to improve air quality and tackle climate change. All new car models must undergo a more robust laboratory examination as well as be driven on open roads while equipment is attached to exhaust pipes.”

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Four of world’s biggest cities to ban diesel cars from their centers

“The C40 conference of mayors on climate change took place in Mexico last year was relevant to the discussion about the pollution in big cities. The Mayors highlighted the importance of standing up against climate change and reducing air pollution, as well as health problems and deaths it causes.”

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