



## Newsletter 5 – October 2015

The Viajeo Plus newsletters give you an update on the project activities. To learn more about the project please visit [www.viajeoplus.eu](http://www.viajeoplus.eu) or contact [y.li@mail.ertico.com](mailto:y.li@mail.ertico.com).

### Viajeo Plus article on Thinking Highways

Thinking Highways has included an article on Viajeo Plus, with a particular focus on the upcoming city showcase, which will be held in Singapore on 16-17 November 2015. Singapore has provided many good solutions in the field of sustainable urban mobility that can become a source of inspiration for city authorities that want their transport network to become greener and more efficient. The article discusses two main cases studies:

- Beeline: Innovative Public Transport Based on Crowd Sourcing
- Travel Smart Programme

[Read the full article](#)

### Ms. Liyuan Gong Discussed Big Data & Innovative Public Transport in Jinan, China

Liyuan Gong, Deputy Director of Transport Research Centre, City of Jinan, offered a seminar on “Big Data & Innovative Public Transport in Jinan” at the ERTICO premises. It was organised within the framework of “Engaging Cities” activities of the Viajeo Plus Project from 25th September to 22nd October.

At the seminar, Ms Gong introduced best practices related to innovative public transport and big data usage that she has experienced in the region of Jinan to ERTICO technical experts. The discussions focused on future cooperation, such as what kind of good practices can be shared between European and Chinese stakeholders and how to facilitate knowledge transfer on sustainable transport.

In recent years, the city has started to offer custom bus, a type of demand-response public transport, to fill in the gaps between public transport and private car usage. Thanks to this new system, travellers can book and pay his/her journey through a smart phone app. Moreover, the cell data from mobile phones have been used to generate Origin-Destination (O-D) metrics and to analyse the gap existing between public transport services and travel demand.

[More information](#)



## Sustainable urban transport, an important step towards climate change mitigation

Transport represents 25% Greenhouse Gas emissions worldwide. In the EU, road transport contributes about one-fifth of the total emissions of CO<sub>2</sub>, the main pollutant emission. Emissions have been slowly decreasing but this does not apply to transport, the only sector in the EU where greenhouse gas emissions remain on the rise.

In this context, sustainable urban transport for people and goods stands as one of the key priorities to tackle this global challenge. The threat of climate change spills over national borders and so do other issues such as public health risks associated to poor air quality in urban areas. The solutions require multi-stakeholder, international cooperation.

Along these lines, Viajeo Plus organised the session “Making urban transport more sustainable to address the global challenge of climate change” during the ITS World Congress 2015, which took place in Bordeaux in early October.

[More information](#)

## China’s investment in ITS is estimated to reach 180 billion RMB (30 billion USD) by 2020

Dr Wu Zhongze, Chairman of ITS China, revealed to the media during the ITS World Congress 2015 that by 2020 China’s investment in the intelligent transportation industry is estimated to reach 180 billion RMB (30 billion USD).

As Dr Wu said, with the popularity of the mobile internet and cross-industry integration, intelligent transport service has become an integral part of social production and people’s everyday life, providing strong support for Chinese cities’ huge traffic volumes and operation of transportation infrastructure networks, as well as the transporting of large number of people and trade cargo.

ITS China has been working closely with international counterparts and entered cooperation with many associations. Dr Wu expressed the hope and confidence in further promoting exchanges and technical applications development in China and abroad through joint effort with the international community, and contribute to the continuous and prosperous development of the industry as a whole.

[Read the full article](#)



## Singapore, Smart Nation

Singapore's Prime Minister Lee Hsien Loong has highlighted the potential of his city-state to become a testing ground for computer scientists and engineers. As reported by The Straits Times, Mr Lee said that Singapore's compact size and ability to scale new projects makes it suitable for prototyping and test-bedding innovations.

In November last year, Mr Lee launched Singapore's Smart Nation initiative, which aims to bring citizens, the government and industry players together to identify issues, co-develop solutions, prototype ideas and deploy them effectively. It seeks to harness ICT, networks and data to support better living, create more opportunities, and to support stronger communities.

[More information](#)

## Vehicle automation, in the spotlight during the first Viajeo Plus webinar

Viajeo PLUS and the VRA project held together a webinar on "Vehicle Automation: Challenges and Opportunities for Cities". It focused on cities' experiences in the deployment of driverless transport systems both from a political, economic and social perspective. The webinar started with a brief overview on the two organising projects, Viajeo Plus and VRA, and continued with an introduction from Patrick Mercier-Handisyde (European Commission DG Research & Innovation).

Mr. Mercier-Handisyde highlighted the importance of automation for road transport to improve safety, energy-efficiency of vehicles; optimise the different transport modes (including freight), enable new services (e.g. car sharing) and contribute to social inclusion by ensuring accesibility of all sectors of society (e.g. elderly people who may have problems to reach the city centre).

In turn, Matthieu Graindorge (La Rochelle, France) shared his experience regarding the implementation of automated vehicles in his city within the framework of the CityMobil2 project. The goal is to transport people from areas where demand is low or pick-up points scattered to existing public transit systems (e.g. the nearest bus station) by offering collective, semi-collective or personal shuttle services.

Finally, Nick Reed (TRL, UK) presented the GateWay project and explained how the deployment automated vehicles has taken place in Greenwich. GateWay ambition is to test three different zero-emission automated vehicles within a technology-agnostic testing environment set in the Royal Borough of the city.

[Watch the webinar & download the presentations](#)



## From Technology to Mobility Solutions for Cities: Cooperative ITS

Viajeo Plus organised a webinar on Cooperative ITS in cooperation with the Compass4D project. Under the heading “From Technology to Mobility Solutions for Cities”, it provided an overview on priorities for decision-makers at European and local level.

[Watch the webinar & download the presentations](#)

## Towards Sustainable City Logistics

Viajeo PLUS organised a webinar on Sustainable City Logistics on 26 October 2015 from 13h00 to 14h00 (CET). Urban freight and city logistics are central to the economy, but face economic and environmental challenges. The main goals of sustainable city logistics measures and projects are related to congestion and pollution reduction while giving a new impulse to commercial activities.

[Watch the webinar and download the presentations](#)

## UPCOMING EVENTS

### Singapore city showcase: 16-17 November 2015

Viajeo PLUS is organising a city showcase in November 2015 in Singapore. The event will focus on presenting Singapore’s achievements in sustainable urban mobility to European stakeholders, facilitating cooperation between the EU and Singapore in urban mobility. The event is organised by UITP, in cooperation with many Singapore stakeholders such as Singapore Land Authority (SLA).

[More information](#)

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