



NECTAR Joint Cluster 2 and Cluster 3 International Workshop

## “The role of planning towards sustainable urban mobility”

17-18 May 2016, Brno, Czech Republic

First call for papers

It is our pleasure to announce the NECTAR Joint Cluster 2 and Cluster 3 International Workshop, to be held at the Transport Research Centre, Brno, the Czech Republic, from 17 to 18 May 2016. The workshop is organized in cooperation with the network of cities CIVINET Czech and Slovak Republics.

In Europe, 74% of its entire population live and work in cities of more than 50,000 inhabitants; furthermore, according to the United Nations (UN World Urbanization Prospects, 2011), the share of urban population is expected to increase further up to 82% by 2050. The transport sector has a clear and direct impact on sustainability of urban areas since it absorbs approximately one-third of the total energy consumption in the EU; transport modes are still heavily dependent (97%) on fossil fuels; transport is responsible for up to 24% of total GHG emissions; and transport external effects substantially harm the health because of noise and emissions. Urban freight transport is responsible for between 25 to 50% of air pollution (depending on the emissions) although it only represents 10 to 15% of the vehicle kilometres. Solving of transport related problems in urban areas belongs thus to political priorities at the local, regional, national and European level. There is a target of reducing GHG emission by 60% by 2050 relative to 1990 levels (EU Transport White Paper, 2011). For urban freight transport the EU-goal for 2030 is to have CO<sub>2</sub> free emissions. The question arises what are the effective policies and how they shall be formulated and implemented to effectively contribute to sustainability of cities as well for the mobility of people as for urban logistics.

The workshop will provide a unique international forum for researchers and experts in the field of transport, city logistics, economics, planning, mobility, geography and other relevant disciplines and various countries. It aims to develop a better understanding of interactions between the planning of cities, setting of goals and policy tools and their contribution to sustainable mobility of urban areas.

**Papers on any topic relevant to transition toward sustainable mobility in urban areas are welcome. Topics of special interest include:**

- Evaluation of urban transport measures and policies
- Management of urban passenger transport
- Management of freight transport in cities
- Economic tools to regulate transport and their effectiveness
- The role of ITS and new technologies in managing urban transport
- Analysis of transport behaviour and possibilities to change it towards preferences of sustainable transport modes
- The role of Sustainable Urban Mobility Plans for sustainable development of urban areas

Interested participants are requested to submit an extended abstract of up to 750 words including title and the author's name, affiliation and contact to Hana Bruhova, Transport Research Centre, email: [hana.bruhova@cdv.cz](mailto:hana.bruhova@cdv.cz) by the 31 January 2016. Authors of accepted abstracts will be required to submit a full paper by 31 March 2016. There will also be opportunities for PhD students to present posters and contribute to the discussion. Criteria for acceptance are scientific quality of the abstract and NECTAR membership. Notification of acceptance will be given till 22 February 2016.

Selected papers are planned to be published in a special issue of the European Transport Research Reviews journal.

Registration, meals, workshop dinner and accommodation for 1 night will be offered to NECTAR-members for free for one author only per paper. All practical details will be communicated through the workshop website (at <http://nectar.cdvinfo.com/>).

In order to participate at the Workshop, a NECTAR membership until 2016 is necessary. Non-members can find details on how to join the association at the "Membership" page on NECTAR's website: [www.nectar-eu.eu](http://www.nectar-eu.eu).

**Important dates:**

- Deadline for submission of abstracts: 31. 1. 2016
- Abstract acceptance notice: 22. 2. 2016
- Deadline for submission of full paper: 31. 3. 2016

**Venue**

The workshop will take place in Brno, which is sometimes called a „City of innovation“. It is a university city with unique architecture including icons of functionalism (Villa Tugendhat - on the UNESCO World Heritage List), historical

features (fortress of Špilberk castle and the Cathedral of Saints Peter and Paul), or unique medieval Ossuary under the St. James Church. It has a complex of underground corridors and cellars running underneath the whole downtown.

Brno lies about 2 hours by bus/train from Prague and about 1.5 hours by bus/train from Vienna.



Photo: Zvara; Archiv města Brna

### **Keynote speakers:**

Professor Yoram Shiftan, Faculty of Civil and Environmental Engineering, Technion - Israel Institute of Technology

Dr. Anne Goodchild, associate professor at the University of Washington and Director of the Goods Movement Collaborative

### **The scientific committee:**

- Professor Maria Attard, Faculty of Arts, University of Malta
- Professor Udo Becker, Faculty of Transportation and Traffic Science, Technical University of Dresden
- Dr Hana Bruhova Foltynova, Transport Research Centre, Czech Republic
- Professor Cathy Macharis, Vrije Universiteit Brussel, Research group MOBI
- Dr Sandra Melo, University of Lisbon, Instituto Superior Técnico
- Dr Wafa Elias, SCE - Sami Shamoon College of Engineering, Israel
- Professor Dominic Stead, Faculty of Architecture and the Built Environment, Delft University of Technology
- Professor Johan Woxenius, University of Gothenburg

### **The coordination committee:**

- Maria Attard, Faculty of Arts, University of Malta
- Hana Bruhova Foltynova, Transport Research Centre, Czech Republic
- Cathy Macharis, Vrije Universiteit Brussel
- Dominic Stead, Delft University of Technology, The Netherlands

### **The local organiser:**

Hana Bruhova Foltynova, Transport Research Centre, email: hana.bruhova@cdv.cz.