

## TRANSPORT CONFERENCE

# The role of modelling and data in developing multi and intermodal transport system – status quo and future perspectives

4 – 5 December 2018

Venue: Õpetajate Maja, Raekoja plats 14, Tallinn, Estonia

Organized by INTERREG BSR project “Sustainable Urban Mobility and Commuting in Baltic Cities” (SUMBA)

### AGENDA

Moderator: Pirko Konsa

DAY 1 – DECEMBER 4	
<b>9:00 – 9:45 REGISTRATION AND WELCOMING COFFEE</b>	
<b>9:45 Welcome and opening words</b>	
<b>Welcome by INTERREG BSR project SUMBA</b> Laura Rimmelgas, Baltic Environmental Forum Estonia	
<b>Welcome by the city of Tallinn</b> Deputy Mayor Aivar Riisalu	
<b>10:00 Opening Key Note: Dr. Luis Willumsen</b> Kineo Mobility Analytics, co-author of Modelling Transport and author of Better Traffic and Revenue Forecasting	
<b>10:30 – 11:30 Plenary session I: It's all about data – New data sources and collection methods</b>	
Speakers:	
<b>1) Modal share potential by mobile positioning - a key performance indicator for cities</b> Marek Rannala, Positium Ltd.	<b>2) Collaborative data collection in urban environment</b> Raul Kalvo, Inphysica Technology Ltd.
<b>11:30 – 12:00 Coffee break</b>	
<b>12:00 – 13:00 Plenary session on data continues</b>	
Speakers:	
<b>3) Measuring the Potential for Sustainable Mobility in Skåne County, Sweden</b> Corey Ragosnig, Skåne regional government, Sweden	<b>4) Assessing and optimising complex Public Transport systems in low data environments: Odesa and Kyiv</b> David Brenig-Jones, Integrated Transport Planning Ltd.



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**13:00 – 14:00 LUNCH**

**14:00 – 16:00 Plenary session II:  
Learning from international experience - Building and using transport models for cities and agglomeration areas**

Speakers:

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| <b>1) The Multilevel Transport System Model of Gdynia - support tool into SUMP process.</b> Dr. Romanika Okraszewska, Gdansk University of Technology, Poland | <b>3) Mobility in Tallinn and Harju County</b><br>Jaagup Ainsalu, Tallinn Transport Department and Pirko Konsa, SUMP project manager |
| <b>2) Considering crowding in public transport appraisal</b><br>Jens West, HSL Helsinki Region Transport  | <b>4) The BVG model of Berlin – a glimpse into the machine room</b><br>Stefan Geier, Berliner Verkehrsbetriebe (BVG)                 |

**16:00 – 16:30 Coffee break and poster session**

16:30 – 17:30 Plenary session on cities' examples continues

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| <b>5) Using mobility and GPS data for planning</b><br>Jaanus Tamm, Tartu City Government | <b>6) An efficient approach for modelling public transport – The model for the Hamburg's public transport operator</b><br>Siegurd Müller, VMZ Berlin<br>Betreiber-gesellschaft mbH |
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**17:30 – 18:30 Plenary session III:  
The world beyond commercial software - Open source modelling tools**

Speakers:

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| <b>1) Accessibility measures for analyzing a transport system</b><br>Daniel Krajzewicz, German Aerospace Centre (DLR), Institute of Transportation Systems | <b>2) Traffic Simulation with SUMO</b><br>Jakob Erdmann, German Aerospace Centre (DLR), Institute of Transportation Systems |
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**18:30 Reception dinner at the conference venue  
Organized by INTERREG BSR project SUMBA**



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## DAY 2 – DECEMBER 5

9:00 – 9:30 REGISTRATION

9:30 – 11:00 Plenary session IV:

**Incorporating cycling into a multi- and intermodal transport system – data collection and modelling**

Speakers:

- 1) Bicycles and public transport - first and last mile challenges and possibilities. Bicycle parking and experiences of providing rental bicycles at stations**  
Michael Koucky, Koucky & Partners AB, Sweden
- 2) BRUTUS-simulation tool: Examples of cycling simulation in Helsinki and Netherlands, and ongoing multimodal application development**  
Ilari Heiska, City of Helsinki and Markku Kivari, Strafica Ltd
- 3) Up and running with UNA toolbox for Rhino. Tallinn Bicycle Strategy case study**  
Raul Kalvo, Inphysica Technology Ltd

11:00 – 11:30 Coffee break

11:30 – 12:30 Plenary session continues

**4) Innovative Cycling counting methods and data collection approaches**

Viesturs Laurs, IE.LA inženieri

**5) Utility of Crowd-sourced GPS Data for Bicycle Transport Planning**

Stefan Huber, Technical University of Dresden

**12:30 – 13:00 Panel discussion**

**The future of intermodal transport planning and modelling**

Panelists: Jens West, HSL Helsinki Region Transport, Finland

Siegurd Müller, VMZ Berlin Betreibergesellschaft mbH, Germany

Michael Koucky, Koucky & Partners AB, Sweden

David Brenig-Jones, Integrated Transport Planning Ltd., United Kingdom

**13:00 – 13.30 End note: Outlook on the future – Dr. Luis Willumsen**

**Summarizing the conference**

13.30 – 14:30 Lunch and departure



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