

What should the future urban mobility research agenda look like?

URBAMOVE Group / ECTRI

The ECTRI Working Group on Urban Mobility entitled URBAMOVE was created on November 12, 2004 at the Crowthorne Assembly of members

Principal aim in the short term:

Publication in may 2005 of a Strategic Research Agenda on Urban Public Transport Mobility to be presented for the first time at the 56th UITP World congress and at the Mobility and city Transport Exhibition in Rome in June 2005.

Contribution in April 2007 for the European Commission green paper dated September 25, 2007 entitled: *“Towards a new culture for urban mobility”*

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NEW CONTEXT

European parliament resolution on an Action plan on urban mobility (which was announced by the commission) – April 23, 2009 and many strategic research agendas

Two strong recommendations welcomed by all transport actors :

-Urban mobility in broad sense of the term (persons and goods, all modes, multimodal transport , integrated planning, social behaviour...) is a huge field of research and must be reinforced

-Develop partnership between transport research institutions and city authorities (finding sites volunteering for implementation) reinforcing the innovation in Europe including the private sector initiatives

Implies fine tuning of European legal and financial frameworks

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URBAMOVE REFLECTIONS FOR BRNO

Foster research and innovation on urban mobility, some general fields or tools must be developed in the medium term :

-Information and data exchanges : creating a real and efficient network on urban mobility (including best practices and benchmark) usable by all actors in order to increase and share the knowledge basis also for sustainable purposes.

Proposition : European urban mobility observatory (towards data standardisation)

- **Developing physical implementations, testing and demonstration sites at a large scale** (as proposed in urban buses SRA) respecting the Subsidiarity Principle; including expert exchanges and sharing feedback on implementations on a regular basis

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URBAMOVE REFLECTIONS FOR BRNO

Development of sustainable urban transport planning related to new mobility especially in big cities (over 100,000 inhabitants).

Create a new positive urban planning concept related to transportation system (persons and goods), transit, road safety ... supporting all inclusive transport, various modes, multimodal uses, ...
Main goal : use efficiently urban mobility and new sustainable urban transport as driving forces behind urban planning and land use

... New tools based on advanced research are necessary and should be invented and Urbamove has to work on it ...



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Acceleration and intensification of research on new technology : ICT and ITS targeting urban mobility and sustainable traffic management, road safety and security in public transport, transportation of goods, ‘soft modes’ of transportation (walking, cycling, etc.), ...

Development of environmental friendly Urban Traffic Management Centre (priority to “clean vehicles”, promote green traffic waves, ...)

Promote new work or leisure behaviours thanks to new technology (flexible working hours, work at home, internet shopping and training, ...)



Eric Boulatov
Non stop 1990
Paint on a piece of the Berlin wall

For the benefit of all stakeholders, taking the user's needs and preferences into account,

The economic and environmental considerations are equally important ...

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URBAMOVE REFLECTIONS FOR BRNO

Introduction of certification and standardisation in transport and sustainable mobility as a contribution of the research to improve European competitiveness

Promote expertise and facilitate excellency in urban mobility in the main European cities

*The future research agenda should also try to answer this question :
How can European cities be driving forces for the other cities of the world in the field of sustainable urban mobility ?*

Thank you for your attention !