



Research in Public Transport: UITP Contribution

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I-SharE LIFE Final Event, 23 June

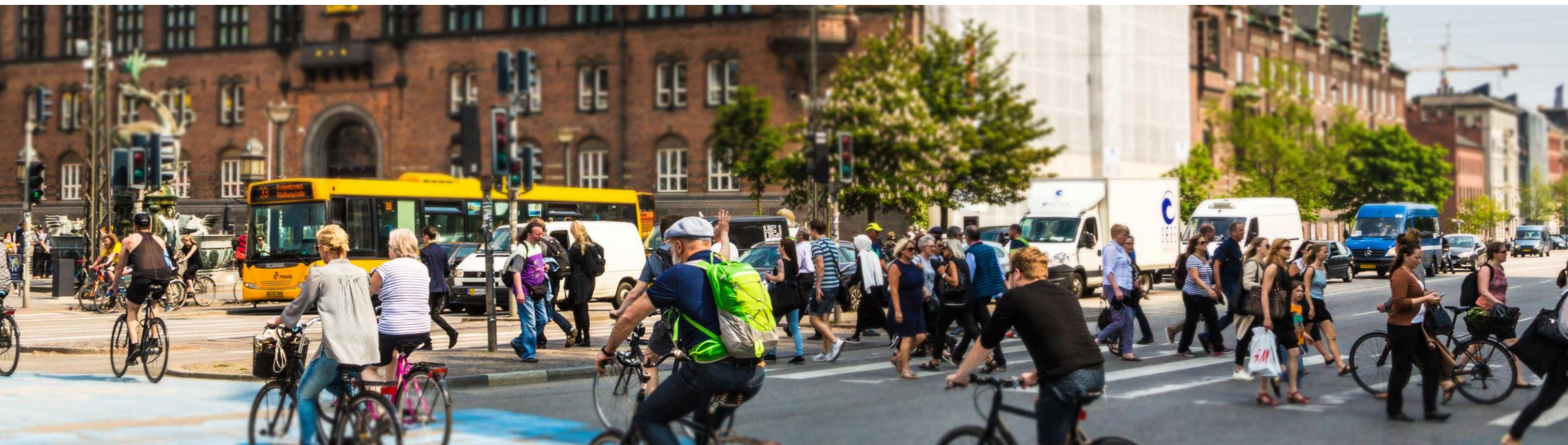


UITP AT A GLANCE

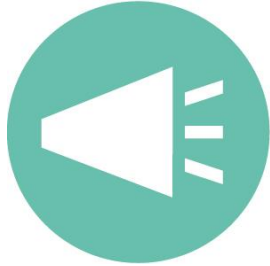




We are working to **enhance quality of life**
and economic well-being by supporting and promoting
sustainable transport in **urban** areas worldwide



WHAT WE DO



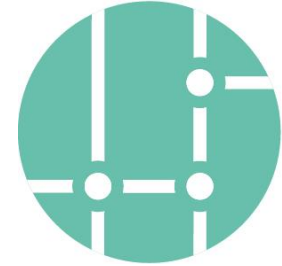
ADVOCACY

We engage with **decision makers** and key **international organisations** to promote sustainable mobility solutions.



KNOWLEDGE

We inspire **excellence** and **innovation** by **generating knowledge** and **expertise**.



NETWORKING

We bring people together to **exchange** ideas, find solutions and forge **partnerships**.

UITP & RESEARCH IN PUBLIC TRANSPORT

- To develop the integrated sustainable mobility systems of the future, our sector must continually invest in research & innovation projects – **external fundings allow sharing financial risks of introducing innovation**
- The center should remain improving customer journeys
- Link between theory and practice: close in contact with our members to reply to trends and requests from sector – **High TRL**
- UITP has a key role towards members about “**innovation**”:
 - identifying innovation coming in the PT domain,
 - anticipating the possible impact on PT business,
 - follow the early adopters and pioneers,
 - support members in the implementation

UITP & RESEARCH IN PUBLIC TRANSPORT

- UITP is recognised as global leader on research in public transport
- Coordinated, or participated in over 60+ research projects
- Funded through European Union, another third party, or UITP project
- Frontrunner on research in various fields such as automated mobility (SPACE, SHOW) and e-Buses (ZeEUs, ASSURED, JIVE, CBEP)
- ...sometimes of course there is a risk that the research topic is not of real interest or impact for members

PROMOTING RESEARCH & INNOVATION



...and many more!



Projects based on
internal developments
and external trends



Think global,
act local approach



Bringing added-value
solutions

➤ RESEARCH & UITP PRIORITIES



RESILIENT URBAN &
PUBLIC TRANSPORT



DECARBONISED & LOW
EMISSIONS MOBILITY



ADVANCING SYSTEMS &
SERVICES FOR BETTER
URBAN MOBILITY



THE REDEFINITION OF
PUBLIC TRANSPORT & ITS
URBAN ENVIRONMENT

➤ MOBILITY LINKS LIFE

- **PREVENT (EU)**

- Pre-empting attacks in public transport by enabling earlier detection of terrorists & potentially dangerous objects
- The identification & development of new technologies are tailored to the needs of those involved through a PCP (pre-commercial procurement) approach

- **PREVENT PCP (EU)**

- Starting after summer, the follow-up project PREVENT PCP aims to test the procured technologies in demo sites



RESILIENT URBAN &
PUBLIC TRANSPORT

➤ MOBILITY FOSTERS LIFE

- **Clean Bus Europe Platform (EU)**
 - Coordinated by UITP, the CBEP is a platform to boost & support the exchange of knowledge and expertise on clean bus deployment
- **ASSURED (EU)**
 - Promotes the large-scale uptake of e- fleets in cities through innovative solutions for interoperability & standardisation of charging solutions
- **Policy paper on E-mobility (EBRD)**
 - To be launched this week at Transport & Climate week
- **JIVE / JIVE2 (EU)**
 - Pioneering project introducing new fleets of FCBs and associated hydrogen refueling infrastructure in cities and regions across Europe



DECARBONISED & LOW
EMISSIONS MOBILITY

➤ MOBILITY INNOVATES LIFE

- **SHOW (EU)**

- Coordinated by UITP, SHOW is the largest ever EU project on automation, with real-life demos of AVs in 20 cities across Europe

- **Shift2MaaS (EU)**

- Coordinated by UITP, Shift2MaaS aims to boost the uptake of Mobility as a Service schemes & overcome the technical & non-technical barriers for the adoption of new and integrated mobility platforms

- **DATA4PT (EU)**

- Enabling better data exchange between EU Member States to improve multimodal travel



ADVANCING SYSTEMS &
SERVICES FOR BETTER
URBAN MOBILITY

➤ MOBILITY ENHANCES LIFE

- **CITYTRANSITDATA (MOSCOW TRANSPORT)**

- Collaboration between Moscow Transport & UITP gathering data on sustainability from cities all around the world (citytransit.uitp.org -> launched next week)

- **GECKO (EU)**

- Coordinated by UITP, GECKO support authorities with recommendations for new regulatory frameworks for new mobility solutions. Final event 25/26 August

- **UMii (RTA)**

- UITP project providing insights into urban mobility and innovation in cities across the world, delivering a guide for cities to foster innovation in their urban mobility services and systems

- **SMMR (Sustainable design of urban mobility in Medium-sized Metropolitan Regions) (GIZ)**

- Set of studies coordinated by GIZ for ASEAN to promote MTE and to provide a toolkit on how to set up an MTE



THE REDEFINITION OF
PUBLIC TRANSPORT & ITS
URBAN ENVIRONMENT



RESEARCH IN MOBILITY COMMITTEE

- New Committee seeking to attract professionals with new sets of skills to bring a fresh perspective to our industry
- Research in Mobility Committee is comprised of universities, academic institutions, operators and industry players to exchange knowledge on future developments in the public transport sector
- Strengthens links between research and practice, and supports UITP initiatives with academic expertise
- Develop research roadmaps to stimulate International, European and National funding for research
- Any UITP member can be part of this committee



HORIZON EUROPE

Horizon Europe info-days

- 28th Jun - Research Infrastructures
- 29th & 30th Jun - Digital, industry & space (cluster 4)
- 30th June - Civil security for society (cluster 3)
- 1st July - Culture, creativity & inclusive society (cluster 2)
- 1st July - The Marie Skłodowska-Curie Actions
- 2nd July - Health (cluster 1)
- **5th & 6th July - Climate, energy & mobility (cluster 5)**
- 7th & 8th July - Food, bioeconomy, natural resources, agriculture & environment (cluster 6)
- 9th July - European Research Area (ERA) & Widening

UITP plan to organise an info-day for its members

- Between **12th and 16th July** (date not fixed yet)
- Present the Calls more relevant for Public Transport and Shared Mobility



THANK YOU!



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