Research in Public Transport: UITP Contribution

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I-SharE LIFE Final Event, 23 June
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

Projects based on internal developments and external trends

Think global, act local approach

Bringing added-value solutions

...and many more!
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
• 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
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
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
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
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 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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