

Alain L'Hostis / Ifsttar (F)

Outline:

- 1 key topics for future researches in the theme « accessibility and connectivity »
- 2 insights from a finishing H2020 research « Mobility4EU »
- 3 existing EU-Brasil cooperations

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Topics for future researches

(Topics identified in Trondheim workshop 2017)

Transition topics

Sharing economy and accessibility

Intermodality topics

Electric mobility

Methodological aspects

The media and mobility

Other topics

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Topics for future researches

Transition topics

- Transitions experiments: urban living labs
- temporary/permanent change: in the context of urban space organisation and logistics
- how to change behaviours (reducing car dependency)
- how to convince decision makers
- study the resistance to the *car-free* city model (forces, interest groups, political decisions in favour of reverting *car-free city* measures)
- What are the governance models of *street transition experiments* (e.g. in Living street Ghent, Belgium)
- Can the study of the history of mobility be relevant to understand the future of mobility?
- Which policy instruments are the most effective at addressing travel behaviour?

Sharing economy and accessibility

- The urban impacts of MaaS and co-working solutions
- The impacts of New Mobility Services on social inclusion
- The 4 dimensions of accessibility applied to innovative mobility services
- comparative study of equity-oriented accessibility measurement by urbanisation level (urban/rural) and population surveys (needs, ability) with a focus on the elderly
- accessibility measurement and new data sources: towards subjective accessibility

Intermodality topics

- Where can we observe a relevance in Europe of the niche market of bike + train (students, educated professionals and employees, commute to centrally located jobs)
- A new mode in itself: bike+transit; what urban form associated with it (B-TOD)?
- Study the successful experiences of Public Transportation and land-use, European benchmark

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Topics for future researches

Electric mobility

- Issues raised by personal electric mobility assistants; intermodality, regulations, planning
- Socio-spatial use of electric bikes (poor people using e-bikes)
- elderly using ebikes: new types of road safety issues
- Electricity for accessibility: (dis)advantages, temporality, what business models?

Methodological aspects

- Taking interdisciplinary research seriously
- Benchmark raw datasets to compare rigorously smartphone based travel survey solutions; currently, automatic recognition does not produce ground truth
- developing standardised methodology
- Dissemination: how to keep it simple? How to produce effective tools for communication?

The media and mobility

- The role of media – printed, broadcasted, online, social, virtual media – on mobility

Other topics

- Workforce arrangements to optimise accessibility
- Which new funding models for public transport?
- Analysing place-based practices of mobility

2 Insights from the EU H2020 project Mobility4EU

Objective: establish a roadmap for mobility + logistics in Europe 2030

Starting from societal trends

Societal issues related to *Liquid modernity* are the trends with most impact and most uncertainty

Liquid modernity (Bauman 2000)

- 1) Individualism
- 2) Fluidity
- 3) Feeling of acceleration
- 4) Social network
- 5) ICT

Illustrations :

- Creation of new urban economic sector : instant delivery 1 + 2 + 3
- Less car use by younger generation 4 + 5



3 Existing EU-Brasil cooperations

Cooperation topics by TWG members:

- inequalities in accessibility and solutions to reduce these inequalities with transport interventions/mobility services etc (K Geurs/U Twente – Mariana Giannotti/ U San Paolo FASESP)
- Accessibility (Thiago Guimarães Rodrigues/U Leeds – Rafael Pereira/IPEA)
- Slow-cities movement in Italy (Elena Battaglini/FDV – PHD R Moreira/U Fluminense)
- book *Cultural Sustainability and Regional Development. Theories and practices of territorialisation* (Elena Battaglini/FDV – Luciano Florit /U Blumenau)