



European Foresight Platform
supporting forward looking decision making
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Draft Workshop Agenda

Meeting	EFP European Policy Workshop
Date	June 12, 2012
Place	Neth-ER Aarlenstraat 22 / 22, Rue d'Arlon 1050 BRUSSELS
Start / Close	11:00 – 17:00

Smart Mobility 2050 - Human centred Vision and long-term Horizon -

Mobility and Transport are fundamental and vital for the economy and society worldwide. For Europe, efficient and sustainable transportation and mobility is essential for participating in the world economy, sustaining the prosperity of Europe. Transport and mobility has grown substantially over the past decades, given relatively low fuel prices, expanding infrastructure and relatively unambitious environmental constraints. Nevertheless, it is widely acknowledged that transport and mobility can no longer grow on the same path without serious environmental, social and economic consequences. As stated by the European Commission in the Transport 2050 Whitepaper (Roadmap to a Single European Transport Area), European mobility and transportation is facing a number of challenges:

- *CO2 emissions from transport are still growing, despite cleaner vehicles, with increasing mobility and transport demand*
- *Transport is extremely dependent upon on fossil fuel, while crude oil will become scarcer and more expensive*
- *Rising levels of congestion, while demand for mobility and transport is growing further*
- *Infrastructure capacities in eastern and western parts of Europe are unequally developed, with poor infrastructure conditions for people and businesses in eastern parts*
- *The European transport industries are facing a growing competition from other world regions developing transport modernization and infrastructure investment programmes.*

The European Commission developed a new vision, strategy and a long agenda of policy measures for addressing these issues in its Whitepaper. This strategy includes many different policy directions , from developing a single European transport area, to promoting the security and safety of the transport system, to investing in a trans-European transport network and coordinating infrastructure pricing and taxation systems at the national and regional level. Also part of this strategy is stimulating innovation, both in terms of technology and services.

A central concept in the transport and mobility vision is smart mobility. Mobility and transportation is involving not alone travelling and transport, but also the related decision why and how to move or ship for example to choose alternatives such as virtual presence or electronic posting. Smart mobility, in turn, involves both making transport systems intelligent through the use of ICT and the possibilities that advanced ICT offers in the decision making on why or how to travel or transport. Smart mobility is not an end in itself, but rather a means to answer the challenge of an European transport system that is resource-efficient, environmentally-friendly, safe and seamless across all transport modes for the benefit of citizens, the economy and society.

Moreover, smart mobility is not isolated from other domains where the use of ICT can contribute to answering societal challenges. Smart mobility is for example inextricably bound up with other “smart” developments, including smart cities (in which building knowledge communication and social infrastructure is central), smart working (ICT enabling changing, flexible working situations) and smart living (ICT saturating the living environment). In the transport sector the term “smart” is bound to a shift from car use and ownership to more service oriented mobility at least in urban areas.

Many of the road maps, action plans and research priorities focus on realizing future technological solutions and service innovations for challenges that are presently recognized like described in the EC Transport Whitepaper. However, the addressed solutions, often have a technological focus. The present visions on smart mobility and transport would benefit from a thorough discussion of alternative opportunities which are not presently easily recognized, combined with a view on the impact of these opportunities on the lives of individuals and the European society.

The European Foresight Platform (EFP) organizes this workshop to discuss in more detail a selection of future visions on smart mobility in a long-term perspective, with a focus on the impact of these futures on the lives of individuals and the European society. The overall aim is to translate these far horizon visions on mobility and transportation into implications and requirements to frame alternative ideas for policy making in a long-term perspective. In more detail, the aims are:

- to sketch a range of future visions on smart mobility based on the latest insights from forward-looking activities in general and in the transport domain;
- to explore new views on developments in smart mobility against the background of different long-term future visions bringing in a human-centred perspective;
- to discuss credibility, feasibility as well as the main drivers and barriers towards these future visions and the uptake of smart mobility solutions in these context;
- and to suggest implications and requirements for policy actions and measures to deal with drivers and barriers in each of the three future scenarios.

Agenda

11:00	Welcome and introduction to EFP and to the workshop
11:15	Introduction to the EU Policy Context and Horizon 2020
11:45	Introduction to smart mobility (2 presentations) - Smart Mobility towards 2050 – beyond intelligent transport systems – what may it look like? - Future developments and research associated with smart mobility, emerging technologies and other non-technical solutions
12:45	Presenting three future sketches for smart mobility: - Mobility and Smart living: keep moving in cooperative systems! - Networked mobility: from collective or individual to collective individuality shifting to mobility services instead of car ownership! - Slow and virtual living: solutions against “being always flexible and mobile in second modernities velocity and deterritorialisation”!

13:00 Lunch break

14:00	<p>Group brainstorm sessions - futures</p> <p>The future sketches for smart mobility will be discussed in smaller groups, in moderated brainstorm sessions. The focus will be on the following topics:</p> <ul style="list-style-type: none">- What will the future situation be in this scenario?- Credibility, relevance, feasibility, desirability- Main drivers, barriers and challenges for this future.
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15:00 – 15:15 break

15:15	<p>Group brainstorm sessions - implications</p> <p>Implications of the futures discussed in the first brainstorm session will be discussed in the groups. Topics for discussion:</p> <ul style="list-style-type: none">- What will be the implications for policy strategy? What type of measures, what time frame, what policy level, what policy areas, what cross-cutting policy issues?- New questions or issues for discussion?
16:15	<p>Plenary session: moderators of the groups will give 5 – 10 minute feedback presentations on the results of the discussions, focusing on the implications for policy and open questions.</p> <p>The chair will summarize these results and close the formal plenary session.</p>
17:00	<p>End of the workshop. Time for informal discussion.</p>

Registration

The EFP policy workshop is open and free of charge to experts, scientists, policy makers, and industry representatives with an interest in the future of smart mobility. For registration, please send an email to annelieke.vandergiesen@tno.nl.

Venue

Neth-ER
Aarlenstraat 22 / 22, Rue d’Arlon
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[Google Maps](#)

The office of Neth-ER is on the Aarlenstraat (Rue d’Arlon), which is situated on the Luxemburgplein (Place Lux). The closest metro stations are Troon (Trône) (a 5 minute walk) and Maalbeek (Maelbeek) (an 8 minute walk). *When you arrive by train in Brussels there are several ways to arrive at the Neth-ER office:*

By train to station Brussel-Luxemburg (Bruxelles-Luxembourg)

On North station you switch trains (every 15 minutes) in the direction of Namen (Namur) or Luxemburg (Luxembourg). At the underground station Brussel-Luxemburg (Bruxelles-Luxembourg) you leave the train and cross the square, this is a 3 minutes walk, to the Neth-ER office. (NB. The train ticket for Brussels is also valid for this station.)

By metro from Brussels Central station

From Centraal station (Gare Central) you take the metro (line 1) in the direction of Stokkel (Stockel) or Hermann Debroux. In Maalbeek (Maelbeek) you leave the metro and follow the Aarlenstraat (Rue d’Arlon) (an 8 minute walk). You can also switch metros at Kunst/Wet (Arts/Loi) (line 2) in the direction of Delacroix and leave the metro at the next station Troon (Trône), from here you follow the Luxemburgstraat (Rue Luxembourg) (a 5 minute walk).

If you arrive by car, the best option to park your car is parking Wetstraat (Rue de la loi):

By foot from the parking Wetstraat (Rue de la Loi) to the Aarlenstraat 22.

This walk takes about 8 minutes. After leaving the parking you turn to the Aarlenstraat (Rue d’Arlon). Walk down the Aarlenstraat until the Luxemburgplein (Place Lux). Neth-ER is situated on your right at number 22.

