



**European Foresight Platform**  
supporting forward looking decision making  
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## **Workshop Agenda**

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

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

*Mobility and Transport are fundamental and vital for economies and societies at large. For Europe, efficient and sustainable transportation and mobility are essential for participating in the world economy and sustaining growth and prosperity. Transport and mobility have grown substantially over the past decades, facilitated by relatively low fuel prices, improving infrastructures and a lack of curtailing environmental constraints. Nevertheless, it is widely acknowledged that transport and mobility can no longer grow on the same path and with the same pace 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 severe challenges:*

- *CO2 emissions from transport are still growing- despite more energy-efficient vehicles- with further increasing mobility and transport demand*
- *Transport is extremely dependent upon fossil fuels, while crude oil will become more scarce and expensive*
- *Rising levels of congestion with growing mobility and transport demand*
- *The European transport industries are facing growing competition from other world regions where transport modernization and infrastructure investment programmes are being developed and transport technologies are innovated.*

*The European Commission developed a new vision, strategy and a long term agenda including policy measures for addressing these issues. The strategy includes many different policy directions, from developing a single European transport area, to promoting the safety and security of the transport system, to investing in a connected 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 mobility and transport services.*

*A central concept in transport and mobility visions 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 those described in the EC Transport Whitepaper). However, the addressed solutions often have a strictly technological focus. Visions on smart mobility and transportation would benefit from a thorough discussion on alternative opportunities which are at present not easily recognized. Such a discussion should incorporate a broad view on the impact of these opportunities on the lives of individuals and the European society at large.*

*The European Foresight Platform (EFP) organizes this workshop to discuss in more detail a selection of future visions on smart mobility and transportation in a long-term perspective. The focus of this discussion will be on the consequences of these visions on the lives of individuals and the European society in 2050. The overall aim is to translate these far-horizon visions into more detailed implications and requirements for mobility and transport policy making. In more detail, the aims are:*

- to sketch a range of future visions on smart mobility based on the latest insights that resulted from foresight and forward-looking activities in the mobility and transport domain and in society at large;*
- to explore new views on potential developments in smart mobility and transport taking a human-centred perspective;*
- to discuss credibility, feasibility of these visions and to identify the main drivers and barriers for developing towards these visions;*
- and to suggest policy implications and requirements for dealing with the drivers and barriers.*

## Agenda

<b>11:00</b>	Welcome and introduction to EFP and to the workshop
<b>11:05</b>	Introduction to Forward Looking Activities Domenico Rossetti, DG Research and Innovation
<b>11:15</b>	Introduction to EU policy context to smart mobility Dr. András Siegler, European Commission, DG Research and Innovation, Director Transport
<b>11:45</b>	Smart Mobility towards 2050 – beyond intelligent transport systems –what may it look like? <i>Future developments and research associated with smart mobility, emerging technologies and other non-technical solutions</i> Claus Seibt, Austriatech
<b>12:30</b>	Presenting four future visions for smart mobility: <ul style="list-style-type: none"> <li>- The Smart and Seamless Connected Traveller</li> <li>- Smart Mobility in Urban Environments</li> <li>- Virtual Mobility</li> <li>- Mobility &amp; Healthy Living</li> </ul>

**13:00 Lunch break**

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

<b>15:15</b>	Group brainstorm sessions – implications  Implications of the future visions discussed in the first brainstorm session will be discussed in the groups. Topics for discussion: <ul style="list-style-type: none"> <li>- What would be necessary to organise to develop smart mobility and transportation in the direction of the future visions sketched?</li> <li>- What technological innovation is absolutely necessary to make this sketch possible? What research would be required to make such an innovation a reality?</li> <li>- How would social structure evolve in this sketch? Would this require government intervention?</li> <li>- What would be needed from the industry?</li> </ul>
<b>16:15</b>	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.  Reflection on results from the discussion by Marcel Rommerts, European Commission, Directorate-General for Mobility and Transport  Summary and closing by Claus Seibt and Annelieke van der Giessen
<b>17:00</b>	End of the workshop. Time for informal discussion.

**Venue**

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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 Luxembourg (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.

