MOBILITY 4 EU

ACTION PLAN FOR THE FUTURE OF MOBILITY IN EUROPE

VISION FOR TRANSPORT IN 2030

WORKSHOP HANDOUT

THIS HANDOUT INCLUDES:

PART #1

PROJECT INTRODUCTION

Mobility4EU is a Coordination and Support Action of the European Commission started in January 2016 and lasting for 3 years, until 31 December 2018. The project is working on delivering a vision for the European transport system in 2030 and an action plan including a roadmap to implement that vision. Recommendations for tangible measures in research, innovation and implementation targeted towards various stakeholder groups are derived. Furthermore, a European Transport and Mobility Forum will be initiated. This forum intends to bring together stakeholders from supply and demand side in passenger and freight transport to discuss and collaborate on topics of cross-modal and user centered transport.

KEY FACTS
CSA - COORDINATION AND SUPPORT ACTION

FROM JANUARY 2016 UNTILL
31 DECEMBER 2018

OBJECTIVES
MOBILITY4EU establishes the future vision of a transport system in 2030 in Europe by:

➤ Identifying and analysing societal drivers
➤ Developing an action plan and a road map
➤ Engaging relevant stakeholders and the general public in a participatory project

PROJECT WEBSITE
www.mobility4eu.eu

The entire process from studying trends and options for solutions, developing a vision and finally the action plan is organized within a structured participatory approach (see Fig. 1) that aims to engage a broad stakeholder community into the consultation processes. This is achieved by employing a structured tool, the Multi-Actor Multi-Criteria Analysis (MAMCA), and an accompanying storymap that supports the process in a more creative and interactive way.

The work towards the vision and action plan for the future of transport in Europe in 2030 is based on the identification and assessment of societal challenges that will influence future transport demand and supply. This led within the first phase of the project to the formulation of 9 trends that are projected to have relevance in shaping the future European transport system in 2030. They were used as a starting point to represent the Mobility4EU context map, a map created based on the results of the first M4EU workshop.
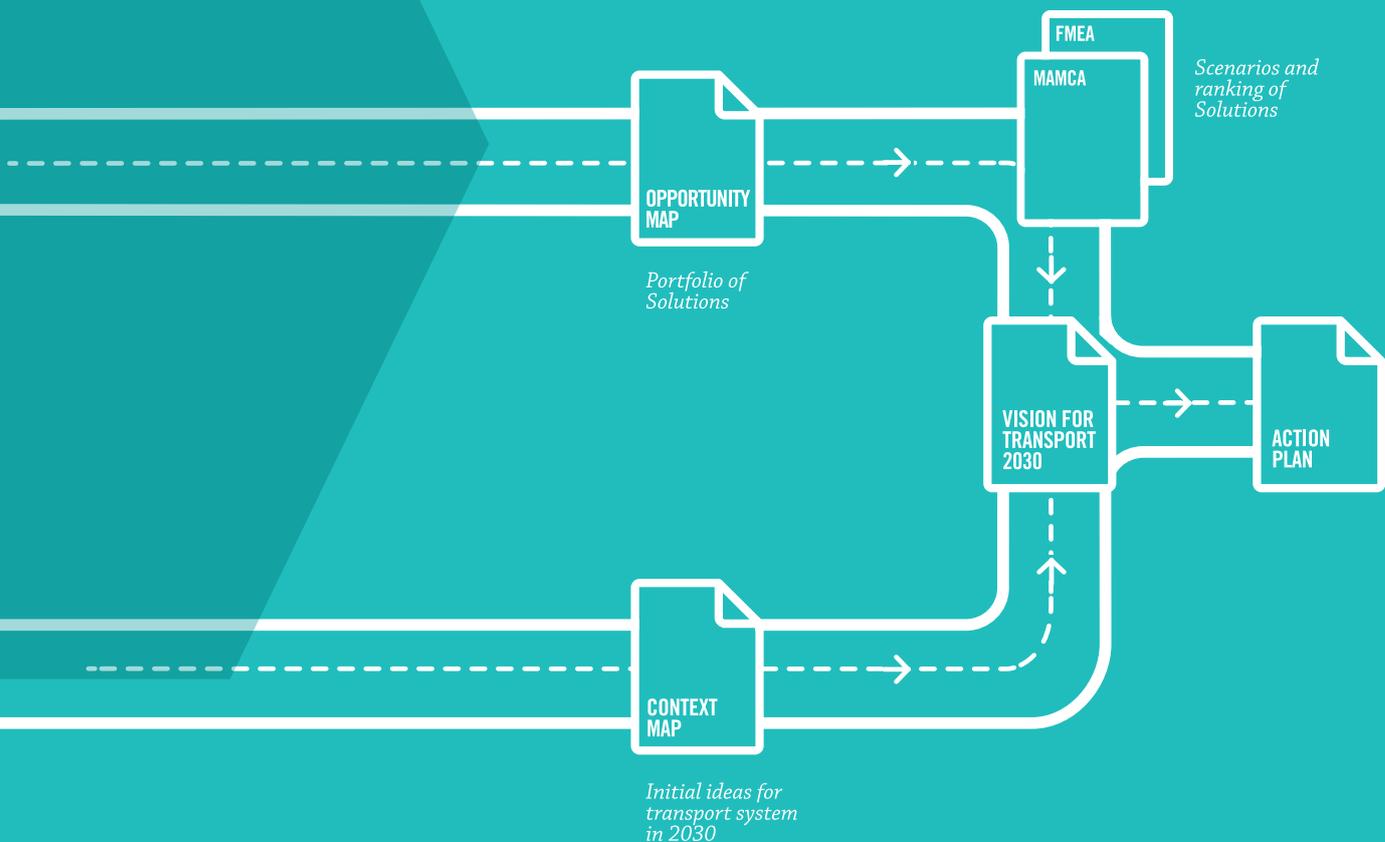
Together with European experts from all fields in transport of passengers and freight, a portfolio of promising and innovative transport solutions across all modes answering the identified user needs has been composed and visualized within the opportunity map.

The portfolios of solutions and the work on trends have been the foundation for building scenarios for the development of future transport in Europe within the Multi-Actor Multi-Criteria Analysis (MAMCA). Within this structured stakeholder consultation process, these scenarios and the included solutions have been ranked by a broad stakeholder community coming from all fields of transport. This process showed that stakeholders prefer a scenario that merges the personalization and digitalization with a rather strict regulation on carbon emissions in all mobility aspects.

A further prioritization of solutions is currently being done within an adapted extended Failure Modes and Effects Analysis (FMEA). The next step will be kicked-off in the upcoming workshop. Within a creative process together with stakeholders from all fields of transport the Vision for Transport in Europe in 2030 will be created. It will concentrate on interactions, combinations and interfaces between prioritized solutions. Finally, an action plan to implement that vision will be drafted and put into a broad stakeholder consultation.

FMEA

MAMCA

Scenarios and ranking of Solutions

OPPORTUNITY MAP

Portfolio of Solutions

VISION FOR TRANSPORT 2030

ACTION PLAN

CONTEXT MAP

Initial ideas for transport system in 2030

STORY MAPPING PROCESS

The project uses a powerful visualisation technique of story mapping. The story mapping process facilitates discussions during participatory workshops and the information sharing through a graphic visualisation. In this way project partners, associated partners and external stakeholders can easily follow up the entire process.

A series of workshops will contribute to the story mapping process:

WORKSHOP 1 *Societal requirements and current challenges for transport*	**CONTEXT MAP** *Visualises societal requirements and current challenges for transport*
WORKSHOP 2 *Novel and innovative mobility concepts and solutions*	**OPPORTUNITY MAP** *Visualises novel and innovative solutions for transport system and mobility*
WORKSHOP 3 *Vision for transport 2030*	**VISION FOR TRANSPORT IN 2030** *Visualises a vision panorama for future transport system*
WORKSHOP 4 *Action Plan*	**ROADMAP** *Visualises the implementation path towards the vision*

These workshops validate, expand and enrich the work done in the project. The final graphic representations of the individual parts of the storymap will therefore contain the results from both the workshop and the topical work in the project. All parts of the storymap will be published on the project website and will serve to keep the community updated on the project results and the advancement toward the action plan.

PART #3
VISION BUILDING WORKSHOP

The aim of the workshop is to interactively create the Vision for Transport in Europe in 2030. In order to do that the main results of the previous processes in the project will be summarized with focus on the aspects that provide a framework for the development of the Vision.

The Vision will then be built in a series of interactive discussions that follows the reasoning of the Mobility4EU project. We will start by taking the user point of view and within groups create aspects of the Vision for passenger and freight transport with specific user needs in mind. These different aspects will be put together in a plenary.

Next, we will look at the Vision from a cross-modal and more technology-oriented perspective and extend the Vision by focussing on interfaces, combinations and interactions between different parts of the Vision created thus far. Through these discussions in groups and within the plenary, we will during the day already create a visual representation of the Vision for Transport in Europe in 2030.

We will take this result and after the workshop create from it the third part of the storymap which will build a basis for the drafting of the action plan.

PART #4 SIXTH WORKSHOP

WORKSHOP LOCATION

BluePoint,
80 Bd. A. Reyers, 1030 Brussels,
close to the metro station Diamant
(former Diamant conference center)

PART #4 SIXTH WORKSHOP
WORKSHOP AGENDA

MODERATION   Beate Müller and Gereon Meyer, VDI/VDE-IT

09:45	Registration & Coffee
10:00	**Welcome Note** Oana Melinceanu, DG RTD, Project Officer
10:10	**Introduction to the Mobility4EU project**
10:20	**Kick-off of vision building**
10:30	**Build your vision of future mobility:** interactive group session
11:45	**Coffee break**
12:00	**Putting it all together:** plenary from group work
13:00	**Lunch**
14:00	**Cross-modal interactions and interfaces:** interactive discussion
15:00	**Coffee break**
15:15	**Opportunities for combinations of passenger and freight transport,** Carolina Cipres, Zaragozza Logistics Center
15:30	**Wrapping it up:** final plenary
15:45	**Conclusions and next steps**
16:00	**End of workshop**

PART #4 SIXTH WORKSHOP

ATTENDEES

Michel Arnd, Polis

Freek Bos, Rover

Andre Ceron, Dreamland

Eleni Chalkia, CERTH

Carolina Cipres, ZLC

Thierry Coosemans, VUB

Willie de Swart, RET

George Filip, KTN

Erzsébet Fördös-Hódy, MBE

Alessia Golfetti, Deep Blue

Ignasi Gomez-Belinchon, Railgrup

Daniel Hayes, LowCVP

George Holley-Moore, ILC-UK

Rebecca Hueting, Deep Blue

Imre Keseru, VUB

Cornel Klein, Siemens

Marie Kress, Comtrade

Jochen Langheim, ST Microelectronics

Evelien Marlier, EPF

Ralf Marxen, DB

Oana Melinceanu, DG RTD

Lucile Mendoza, Humanist

Angelo Meulman, Taxistop

Gereon Meyer, VDI/VDE-IT

Beate Müller, VDI/VDE-IT

Linda Napoletano, Deep Blue

Wim Pannecoucke, Colruyt

Kay Plötner, Bauhaus Luftfahrt

Annette Randhahn, VDI/VDE-IT

Xavier Sanyer, ATM

Christoph Schneider, Munich Airport

Yves Stans und Alizee Stappers, OC

David Storer, CRF

Anu Tuhominen, VTT

Marcia Urban, Bauhaus Luftfahrt

Ineke van der Werf, Rover

Sandra Wappelhorst, ICCT

Christine Zeller, Siemens