OUTPUT FACT SHEET

Diagnosis Training - Stuttgart

Version 2

Project index number and acronym	CE1671 DYNAXIBILITY4CE
Output number and title	O.T2.1 Dynaxibility trainings for public transport authorities on low-carbon mobility planning capacities
Responsible partner (PP name and number)	PP10 – Verband Region Stuttgart (VRS) PP2 – Rupprecht Consult (RC)
Project website	https://www.interreg-central.eu/Content.Node/Dynaxibility4CE.html
Delivery date	02/2021

Summary description of the implemented training measure(s), explaining the specific goal(s),target groups and transnational added value

Dynaxibility4CE's diagnosis training aims to analyse (and build capacities for such exercise) the current situation in the FUAs of project partners in terms of "readiness" to plan and implement new innovative mobility solutions and policies - from the areas of CCAM, MaaS and UVAR- in a complex and dynamic environment. The diagnosis training aims to create a clear understanding of the current "readiness level" of the FUAs and increase their dynaxibility (as the ability to plan and act in complex and dynamic environments) based on a critical examination of the organisation and joint analysis of the changes required to enable informed decision-making on the deployment of new mobility solutions.

The designed methodology for the diagnosis training workshops is described in deliverable D.T.2.1.1. It follows the systemic change management model OSTO, which stands for Open, Social, Technological and Economic system parts in a holistic System Model perspective. The project follows the structural version of the model and focuses on design elements and (system-) behaviour, to facilite the management of the steadily increasing dynamism and complexity of mobility systems and to find new action strategies to plan transformation towards innovative low-carbon or zero-emission mobility systems respectively.

In the case of the Stuttgart Region, the training was held on a virtual environment (online video-conference), due to the COVID-19 pandemic restrictions. It focused on the analysis of implementation scenarios for CCAM. The University of Stuttgart presented the results of the modelling study on the "Integration of autonomous on-demand ridesharing vehicles into the public transport system in a peri-urban area in Stuttgart Region". Representatives from the VRS (PP10) attended the training (target group). PP2 RC also participated, supporting the analysis and diagnosis. Participants discussed the results of the modelling study and analysed its key conclusions and recommendations for CCAM deployment in the Stuttgart Region.

NUTS region(s) where training(s) have been conducted (relevant NUTS level)

The training was directed to the Region Stuttgart (Germany), including the following NUTS regions:

- DE11 Stuttgart
- DE111 Stuttgart, Stadtkreis
- DE112 Böblingen
- DE113 Esslingen
- DE114 Göppingen
- DE115 Ludwigsburg
- DE116 Rems-Murr-Kreis

Expected impact and benefits of the trainings for the concerned territories and target groups

Public (transport) authorities participating in the training have received first-hand guidance on useful methodologies to assess the city's readiness to plan for innovative mobility solutions, and enhanced their knowledge and capacities to make informed decisions about CCAM deployment in the Stuttgart FUA. In addition, the training methodology builds up capacities to perform a diagnosis analysis, assess action scenarios and plan for innovative mobility services (incl. on-demand, ridesharing CCAM solutions).

Through the analysis of implementation scenarios for CCAM, based on the results of the described modelling study conducted, conclusions and recommendations were derived on the effective integration of autonomous on-demand ridesharing services into the public transport system. In this way, the exercise provides guidance and key input towards the development of an Action Plan (D.T1.2.3) for the Stuttgart FUA. The results of the workshop will be used as a basis for the action planning towards the implementation of low-carbon mobility solutions, and the assessment of needs and knowledge gaps for their realisation. The training strengthens local practices for CCAM implementation planning, to more effectively address the FUA's mobility challenges and the needs of its citizens.

Besides, it serves to identify key challenges and support needs that will guide the development of Dynaxibility4CE's tools and methodologies for low carbon mobility planning. In particular, the analysis and findings of the scenario assessment study, provide useful input for the ongoing preparation of Dynaxibility4CE's guideline for MaaS/CAD-ready transport models, topic guide for the integration of CCAM in SUMP processes, and CCAM-readiness self-assessment tool.

Sustainability of the training(s) and developed training material(s) and their transferability to other territories and stakeholders

The methodology (and tools) that guide Dynaxibility4CE's diagnosis training are published in deliverable D.T2.1.1. This document serves as guidance to other cities/stakeholders that aim to tackle the challenge of planning for low carbon innovative mobility solutions.

Besides, the experiences and results from the conducted analysis on the project's FUA (and action plans to be developed) will provide valuable good practice examples for other transport authorities and stakeholders. The strategies and lessons learned (e.g., conclusions of the conducted study for on-demand autonomous transport in the Stuttgart Region) serves to inform other territories.

Furthermore, the identified support needs (for a variety of local contexts) will guide the development of new tools and methods for planning for low-carbon mobility trends and to improve air quality, which can be exploited by other cities and regions.

References to relevant deliverables and web-links
If applicable, pictures or images to be provided as annex

The following deliverables describe the methodological approach implemented for Dynaxibility4CE's diagnosis training and report on the results of the training conducted in each FUA.

- D.T2.1.1 Report on design, methodology and content of diagnosis trainings
- D.T2.1.2 Report on trainings and evaluation of diagnosis trainings

The deliverables will soon be available at:
https://www.interreg-central.eu/Content.Node/Dynaxibility4CE.html

The listed deliverables include pictures, images and results from the diagnosis training.