

# OUTPUT FACT SHEET

## Trainings

Version 2

Project index number and acronym	CE1537 EfficienCE
Output number and title	O.T2.1
Responsible partner (PP name and number)	Wiener Linien; PP3
Project website	<a href="https://www.interreg-central.eu/Content.Node/EfficienCE.html">https://www.interreg-central.eu/Content.Node/EfficienCE.html</a>
Delivery date	30. July 2021

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

The third transnational workshop within EfficienCE entitled “Planning for energy-efficient metro stations” took place on 18.05.2021 from 10:00 to 13:00. Due to COVID-19 situation, the workshop was organized by Wiener Linien and Rupprecht Consult as online webinar hosted on GoToWebinar with seven speakers to different topics.

The focus of the meeting was to explore different energy efficient solutions developed in metro stations and on energy monitoring tools. Six public transport providers from four European countries provided insights into their approaches to create energy efficiency.

The workshop was a great opportunity for both speakers and audience to get to know the different approaches to monitor and reduce energy consumption in metro stations.

Participants contributed to all presentations with questions and answered to surveys on Mentimeter. Furthermore, a virtual site visit about the implementation of the photovoltaic system at Wiener Linien was shown.

Participants (target groups) of the webinar came from public authorities, infrastructure and (public) service providers, academia/research and higher education as well as SMEs and business support organizations.

Details can be found in the deliverable CE1537\_EfficienCE\_D.T2.1.2\_WorkshopWienerLinien\_20210518.

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

Since the training was conducted online, presenters and participants joined from their respective region / country, in total 52 people registered, and 42 participants attended the webinar. Presenters were located in Vienna (Austria), Koeln, Leipzig and Hamburg (Germany), in Barcelona and Madrid (Spain) as well as in Milano (Italy).

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

The training aims at improving competences and knowledge of tools and technologies for energy-efficient PT infrastructure planning. The target groups learnt from the presentations about specific solutions and approaches and interacted with experts and other experiences on the future of the renewable energy sources into local public transport, gaining knowledge on the relevance and potential of solutions and on the main elements to be considered for energy efficient infrastructure planning. Lessons learnt:

- Use of the essential concepts of electrification in the field of public transport, knowledge and theoretical understanding;
- Examples of good practice in European countries, to get a general picture of how the various countries are moving towards transport electrification;
- In-depth understanding of the different approaches to energy efficiency in metro stations with similar challenges and the different approaches.

The outcomes of the workshop will contribute to the creation of a Competence Profile and Curriculum for Energy Audit Management in public transport.

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

With the other workshops, the outcomes contribute to the creation of a Competence Profile and Curriculum for Energy Audit Management in public transport. At local level the workshop activated the debate leading to the definition of scenarios and the action plan for the integration of RES into charging infrastructure.

The workshop model, the structure of sessions and the topic identified can be replicated in other territories with similar knowledge needs. The interactivity of the structure allows to adapt it to different contexts and needs. Topics investigated are amongst the most relevant common challenges related to energy efficiency in public transport infrastructure across Central Europe.

Policymakers, mobility planners, infrastructure managers and transport operators can benefit both from the contents as well as from the structure of the output. The workshop in fact can be replicated to

generate and share knowledge, to start up a planning process and to generate consensus around energy efficiency projects.

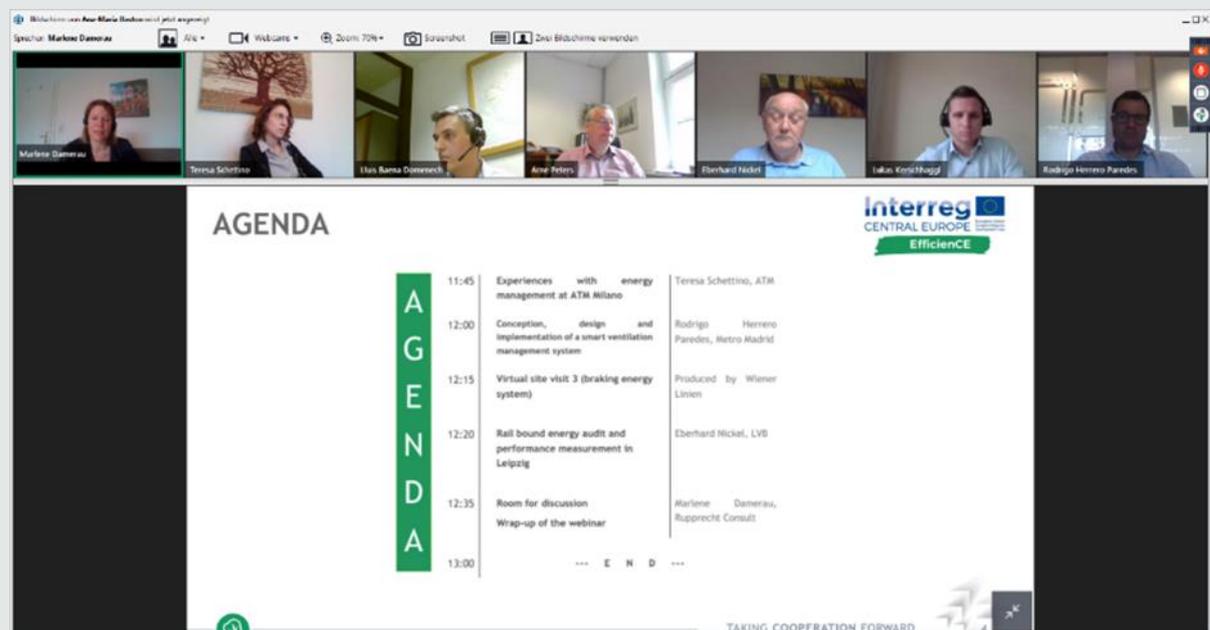
Energy efficiency in public transport largely depends on the characteristics of the mobility networks (services, vehicles, infrastructure) and on the interactions between transport and energy networks. It is important that the contents are adapted to the specific context.

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

D.T2.1.2 Workshop documentation and evaluation report Wiener Linien

More information on the webinar, including links to all presentations can be found here:  
<https://www.interreg-central.eu/Content.Node/Webinar-held-on-energy-efficient-metro-stations--with-vir.html>

The recorded video of the webinar can be found here:  
[https://drive.google.com/file/d/1mjSINLI6LqX6bz7Rst39tN\\_-v7Lj-TG/view](https://drive.google.com/file/d/1mjSINLI6LqX6bz7Rst39tN_-v7Lj-TG/view)



The screenshot shows a Zoom meeting interface with a grid of seven participants. Below the grid is a slide titled "AGENDA" with the following content:

Time	Topic	Presenter
11:45	Experiences with energy management at ATM Milano	Teresa Schettino, ATM
12:00	Conception, design and implementation of a smart ventilation management system	Rodrigo Herrero Paredes, Metro Madrid
12:15	Virtual site visit 3 (braking energy system)	Produced by Wiener Linien
12:20	Rail bound energy audit and performance measurement in Leipzig	Eberhard Nickel, LVB
12:35	Room for discussion Wrap-up of the webinar	Marlene Damerou, Rupprecht Consult
13:00	--- E N D ---	

The slide also features the Interreg Central Europe logo and the "EfficienCE" logo. At the bottom of the slide, it says "TAKING COOPERATION FORWARD" with a stylized arrow graphic.