

ELIPTIC 3rd webinar

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SUMMARY SHEET

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Abstract	The 3 rd ELIPTIC webinar took place on 09.04.2018. It was the final webinar from a series of three (WP5) and is part of the publicly-available ELIPTIC learning platform. This deliverable describes the general approach, content and structure, preparation phase, conduction of the 3 rd webinar, results and the integration with the ELIPTIC learning platform.
Keywords	Webinar, online training, learning
Critical risks	Lack of interest in participating in the web-based training activities.

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DOCUMENT CHANGE LOG

Version	Date	Main area of changes	Organisation	Comments
0.1	18-05-2018	First draft	Rupprecht Consult	
1	22-05-2018	Final version	Rupprecht Consult	

PARTNER CONTRIBUTION

Rupprecht Consult is leader of the document.

Company	Sections	Description of the partner contribution
Rupprecht Consult	Entire document	Rupprecht Consult is leader of the document
Bremen SUBV	Entire document	<i>Review of document</i>

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1. Executive Summary

Deliverable 5.5 refers to the preparation and conduction of the 3rd ELIPTIC webinar and the public availability of the materials on the ELIPTIC learning platform hosted on the [Mobility Academy](#). This document describes the general approach and structure of the webinar, preparation phase, conduction, results and how the webinar will be integrated in the broader learning environment of the project.

2. General Approach

Deliverable 5.5 (D5.5) is one of the outputs of WP5 - Uptake and exploitation: guidelines, tools and policy recommendations and more specific / Task 5.5 – training and development of a web-based option generator for take-up. D5.5 is the final in a series of three deliverables that wrap up the three webinars organised within the project, one for every year on a different topic. It is also related to MS11 – The availability of a training platform, the ELIPTIC learning platform where all training materials are stored and made available to the general public.

3. Content and Structure

Three webinars were conducted within the ELIPTIC project, one per year, following the three thematic pillars:

Deliverable Nr.	Name of deliverable	Due month	Status
D5.3	1 st ELIPTIC webinar (Pillar B)	10	completed
D5.4	2 nd ELIPTIC webinar (Pillar A)	18	completed
D5.5	3 rd ELIPTIC webinar (Pillar C)	28	completed

The 3rd webinar focused on the lessons learned within ELIPTIC regarding the topic of using electric public transport infrastructure for charging of other electric vehicles. This topic covers the main subject of ELIPTIC use cases in technical Pillar C and was presented in form of a webinar from 11:00 to 12:30 CET on 9 April 2018. The agenda was drafted by Rupprecht Consult and ultimately refined in cooperation with the organisations involved in the Pillar C use cases. The webinar was conducted using the GoToWebinar software (<https://www.gotomeeting.com/webinar>).

The webinar planning took the following aspects into consideration:

- **Who** is the target group? The audience consists of project partner cities, twin cities, other interested public transport authorities and operators, representatives from the public transport industry.
- **What** is the webinar about? Under the main topic, the organisers brainstormed on what are the subjects which are most appealing for the target persona.
- **Where** will the webinar be hosted? The webinar was hosted with GoToWebinar. The moderators tested the webinar software a few days in advance together with all presenters in several test-runs, and the moderators explained all the technical features and practical aspects that needed to be checked in advance in order to run a seamless and successful webinar.
- **When** is the webinar? The date setting took into consideration the overall timing of use cases set-ups which were presented by speakers, as well as the availability of speakers.
- **How** will the webinar be run? After a short introduction into the work of ELIPTIC project and the objectives and use cases related to the webinar's topic, the presenters from Transport for London (TfL), Barcelona de Serveis Municipals (B:SM) and von Bredow Valentin Herz Rechtsanwälte (law firm) showed different aspects related to the multi-purpose use of electric public transport infrastructure, including technical and planning aspects as well as regulatory challenges that were encountered within the project.

4. Preparation phase

The webinar was structured as follows:

- Topic: Pillar C “Multi-Purpose Use of Electric Public Transport Infrastructure”
- Title: “Experiences from European cities in using electric public transport infrastructure for the charging of other e-vehicles”
- Date and time: 09.04.2018, 11:00 – 12:30
- Speakers:
 - Henning Günter – Rupprecht Consult
 - David Talbot – Transport for London (TfL)
 - Oscar Puigdollers – Barcelona de Serveis Municipals (B:SM)
 - Dr. Hartwig von Bredow – von Bredow Valentin Herz Rechtsanwälte
- Agenda:

Time	Agenda item	Presented by	Organisation
11:00-11:15	Welcome message and brief introduction into ELIPTIC activities on multi-purpose charging infrastructure	Henning Günter	Rupprecht Consult
11:15-11:40 (incl. Q&As)	Using the London Underground electricity grid for the charging of electric buses and TfL service	David Talbot	Transport for London (TfL)

	vehicles		
11:40-12:05 (incl. Q&As)	Planning a charging infrastructure for electric vehicles using Barcelona's metro and tram network	Oscar Puigdollers	Barcelona de Serveis Municipals (B:SM)
12:05-11:30	Legal and regulatory challenges in the use of multi-purpose electric infrastructure	Dr. Hartwig von Bredow	von Bredow Valentin Herz
12:30	End of webinar		

In order to attract as many participants as possible, a dissemination process was set up, including:

- News items announcing the upcoming webinar on the project website¹ and other channels (Eltis², ELIPTIC Website, CIVITAS Thematic Groups, Rupprecht Consult website)
- News on social media channels (LinkedIn³, Twitter⁴)
- Reminders published following up on the initial announcements;

The software which was used to host the webinar was tested in advance simulating a test webinar. All speakers were instructed on how to log-in, how to present and how to technically feel comfortable using the tool. All technical documentation was put at speakers' disposal of in order to avoid any inconveniences related to technical aspects (connection, missing equipment, sound and video quality, background noise) or content-related aspects (duration and framework structure of each presentation, preparation for the Q&A session etc.) in order to avoid any unexpected inconveniences which could have affected the seamless run of the webinar.

Three screenshots of the webinar announcements in the media are included below:

¹ <http://www.eliptic-project.eu/news/3rd-eliptic-webinar-experiences-european-cities-using-electric-public-transport-infrastructure>

² <http://www.eltis.org/>

³ <https://www.linkedin.com/groups/8314559>

⁴ <https://twitter.com/elipticproject/>



Figure 1: Webinar dissemination in the media (I)

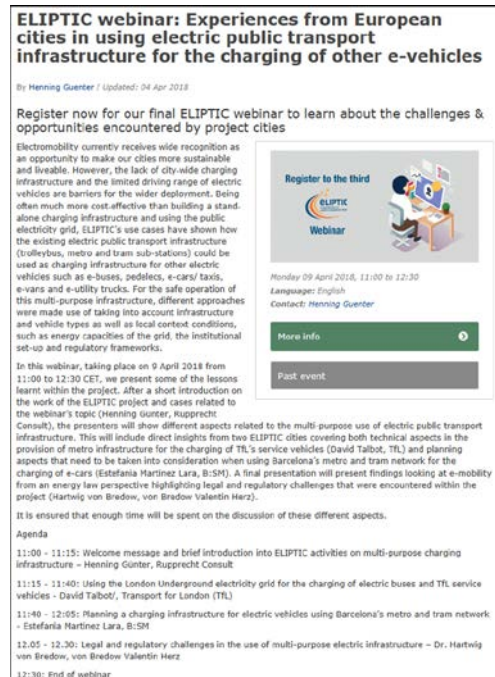


Figure 2: Webinar dissemination in the media (II)



Figure 3: Webinar dissemination in the media (III)

5. Conduction of the 3rd webinar

After a short introduction into the work of the ELIPTIC project and the use cases related to the webinar’s topic by Henning Günter from Rupprecht Consult, the presenters from Transport for London (TfL), Barcelona de Serveis Municipals (B:SM) and von Bredow Valentin Herz showed different aspects of multi-purpose use of electric public transport infrastructure. This included the presentation on using a metro electricity grid for the charging of electric buses and service vehicles (David Talbot, TfL), as well as insights into the planning processes for charging infrastructure for electric vehicles, using the metro and tram network in Barcelona (Oscar Puigdollers, B:SM). Finally, the webinar addressed legal and regulatory challenges that were encountered in the project from an energy law perspective (Hartwig von Bredow, von Bredow). After each presentation, a Q&A session gave attendees the opportunity to ask questions to the presenters, which was extensively used. All presentations are available on the [ELIPTIC website](#) as well as on the dedicated section on the [ELIPTIC training platform](#).

Below you can find a selection of screenshots from the webinar’s presentations:



Figure 4: The 3rd webinar presenters

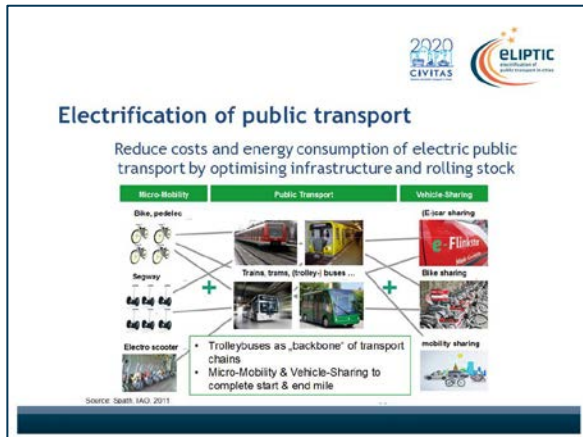


Figure 5: Screenshot from opening presentation (RC)

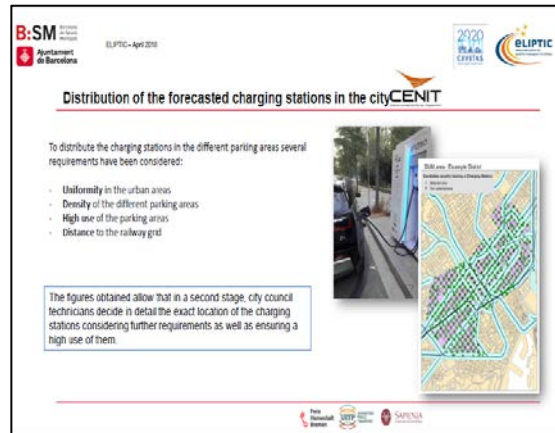


Figure 6: Screenshot Presentation (B:SM)

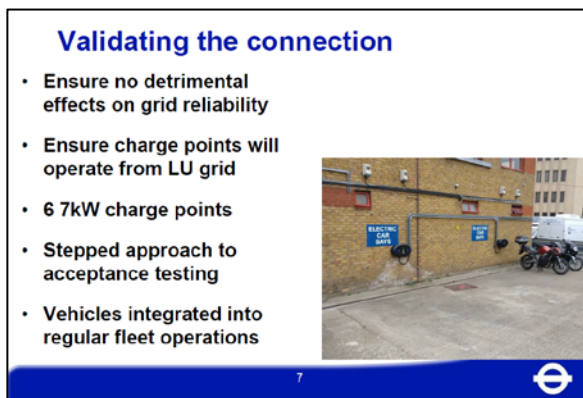


Figure 7: Screenshot presentation (TfL)



Figure 8: Screenshot presentation (von Bredow Valentin)

6. Results

Out of 36 people who had registered for the webinar, 21 people participated. This means that the attendance rate at the live event was at 58%. Below you can find a summary of the webinar report automatically generated by the GoToMeeting software:

Performance Details	GoToWebinar
General Information	
Webinar Name	Webinar ID
3rd ELIPTIC webinar: Experiences from European cities in using electric public transport infrastructure for the charging of other e-vehicles	290-823-211
Actual Start Date & Time	Actual Duration (minutes)
4/9/18 10:05 AM CEST	105m

Registered	Total Attendees
36	21
Clicked Registration Link	Opened Invitation
88	0
Attendance Metrics	
Attendance Rate (%)	Average Attendance Interest Rating (%)
58	61,2

As part of the introduction of the webinar, the attendees were asked to participate in a quick poll to indicate their background. The results are shown in the chart below. The group of attendees included representatives from local administration, consultancies and public transport operators/providers, a larger share of participants represented research institutes, and the vast majority of attendees indicated “other” which is likely to include industry or NGOs.

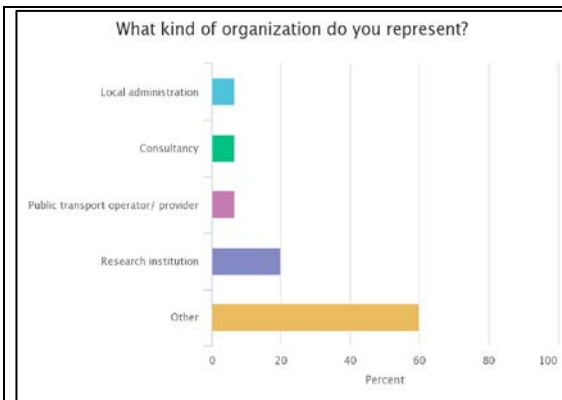


Figure 9: 3rd ELIPTIC Webinar poll on participants' background

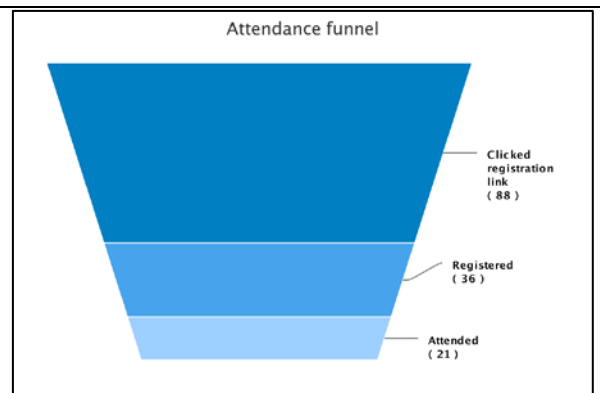


Figure 10: 3rd ELIPTIC webinar attendance funnel

A recording of the webinar was made available to attendees via email. The recording can be found under the following link, <https://www.gotostage.com/channel/207127462684056581/recording/c6b72ad0b1094423a2003c93f215fb8d/watch>, which was also published on the ELIPTIC website (see Fig. 11) as well as on the ELIPTIC learning platform (see Fig. 13). The recording was watched by 18 people. Additionally, all presentations were made publicly available on the ELIPTIC website. A screenshot of the follow-up news published on the [ELIPTIC website](#) is included below:

Home / News / The 3rd ELIPTIC webinar took place on 9 April 2018

The 3rd ELIPTIC webinar took place on 9 April 2018



Experiences from European cities in using electric public transport infrastructure for the charging of other e-vehicles. In the 3rd and final ELIPTIC webinar, which took place on 9 April 2018 from 11:00 to 12:30 CET, we presented some of the lessons learnt within the project.

After a short introduction into the work of the ELIPTIC project and the use cases related to the webinar's topic (Henning Günter, Rupprecht Consult), the presenters showed different aspects related to the multi-purpose use of electric public transport infrastructure. This included direct insights from two ELIPTIC cities covering both technical aspects in the provision of metro infrastructure for the charging of TfL's service vehicles (David Talbot, TfL) and planning aspects that need to be taken into consideration when using Barcelona's metro and tram network for the charging of e-cars (Oscar Puigdollers, B:SM). A final presentation gave insight into the findings looking at e-mobility from an energy law perspective highlighting legal and regulatory challenges that were encountered within the project (Hartwig von Bredow, von Bredow Valentin Herz).

ELIPTIC's use cases have shown how existing electric public transport infrastructure (trolleybus, metro and tram sub-stations) could be used as charging infrastructure for other electric vehicles such as e-buses, pedelecs, e-cars/ taxis, e-vans and e-utility trucks. For the safe operation of this multi-purpose infrastructure, different approaches were made use of taking into account infrastructure and vehicle types as well as local context conditions, such as energy capacities of the grid, the institutional set-up and regulatory frameworks.

You can find all presentations below. The recording of the webinar can be accessed [here](#).

1. Experiences from European cities - Pillar C Introduction
2. Integrating electric road vehicles with public transport electrical infrastructure in London
3. Planning a charging infrastructure for electric vehicles using Barcelona's rail network
4. Legal and regulatory challenges in the use of multipurpose electric infrastructure

Published:
Wednesday, May 2, 2018

Figure 11: Results of the 3rd webinar in the media

7. Integration of the webinar into the ELIPTIC learning platform

The [ELIPTIC learning platform](#) was developed to enlarge the take-up potential of the projects' use cases. The learning platform includes aggregated results from our use cases, all materials presented during the yearly webinars, a private section for the User Forum members only as well as a training part for the use of simulation tools.

The learning platform has been set up and is open to the public. It will be continuously updated and populated with new materials as the project advances. A strong promotion of the platform has been ensured, especially, whenever new courses or web-trainings were undertaken.

Welcome to the ELIPTIC Learning Platform!

The Learning Platform is part of the ELIPTIC - **Electrification of public transport in cities** project. ELIPTIC aims to develop new concepts and business cases in order to optimise existing electric public transport infrastructure and rolling stock, saving both money and energy. The project strengthens the role of electric public transport, leading to reduced fossil fuel consumption and improved air quality. ELIPTIC's overall mission is to optimise existing electric public transport infrastructure and rolling stock in order to reduce costs and energy consumption. The overall concept and main assumption underpinning ELIPTIC is that further take-up of electric vehicles can be supported cost-efficiently by integrating existing electric public transport infrastructure for multi-purpose use. To achieve this goal, ELIPTIC will analyse 21 concepts within 11 cities (Barcelona, Bremen, Brussels, Eberswalde, Gdynia, Lanciano, Leipzig, London, Oberhausen, Szeged and Warsaw) and in three thematic pillars.

If you have any **questions** about the ELIPTIC Learning Platform, please contact Henning Günter at h.guenter@rupprecht-consult.eu.

For more information on ELIPTIC, see the **project website**.

Go

Electrification of Public Transport Toolbox

Learning Platform

The ELIPTIC Learning Platform offers a web-based toolbox that comprises useful resources for public transport operators that are interested in the electrification of public transport in their cities. This toolbox provides aggregated results from the ELIPTIC use cases, all materials presented during the yearly webinars, as well as a training part for the use of simulation tools.

Figure 12: Printscreen of the ELIPTIC learning platform front page

ELIPTIC webinars

The ELIPTIC team will conduct a series of webinars to support public transport stakeholders in the development of their electrification plans. For each Use Case pillar one webinar will be offered based on concrete project results made by the ELIPTIC partner cities.

- Webinar 1 (April 2016) - Optimised braking energy recovery in electric public transport systems (Pillar B)
- Webinar 2 (April 2017) - E-bus planning with simulation tools (Pillar A)
- Webinar 3 (April 2018): Experiences from European cities in using electric public transport infrastructure for the charging of other e-vehicles (Pillar C)

Figure 13: Screenshot of the ELIPTIC learning platform structure including already conducted webinars