

ELIPTIC USER FORUM

Agenda

Friday 13 November 2015 – Berlin

Venue: TU Berlin: Technische Universität Berlin,

Main building, Room H2035, floor 2

Straße des 17. Juni 135

D-10623 Berlin

Registration: <https://efficy.uitp.org/event.php?id=3895>

OPTIONAL EVENT: Thursday 12 November 2015, 11:15 – 15:45. Site visit to Eberswalde Use Case. Open to all User Forum participants (see below in agenda)

12 November	11:15 – 15:45	Optional site visit to Eberswalde Use Case
13 November	9:00 – 9:10 9:10 – 9:25 9:25 – 9:35 9:35 – 9:50 9:50– 10:00 10:00- 10:45 11:15 – 11:40 11:40 – 12:20 12:20 – 13:00 13:00 – 13:15 14:15 – 16:30	Welcome and introduction E-bus Berlin project Introductory round to forum members Introduction to the ELIPTIC project Introduction to the User Forum Introducing you to each other Introduction to ELIPTIC thematic pillars World café round 1 World café round 2 Summary and outlook Site visit

CONTACTS:

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Agenda

Thursday 12 November Optional site visit to Eberswalde Use Case. Open to all User Forum participants		
TIMING	ITEM	WHO
10:33 - 11:07	<ul style="list-style-type: none"> Train from Berlin main station to Eberswalde station. Recommended train: departure Berlin main station 10:33 (arrival in Eberswalde 11:07) Pick up of participants at the Eberswalde train station with trolley-battery-hybrid-bus and ride to Paul-Wunderlich-Haus, Eberswalde 	All
11:30 – 11:45	Short introductory round for new faces	All
11:45 -12:15	Trolleybus development in Eberswalde and Use Case presentations	Frank Wruck, BBG
Automatic Wiring Technologies session		
12:15 – 12:30	LibroDuct – fully automated wiring for charge-in-motion eBuses,	Daniel Steiner, Kummler+Matter
12:30 - 12:45	DTK EDF-System	Frederic Deutzer, Deutzer Technische Kohle GmbH
12:45 – 13:00	Automatic wiring - an old idea realized with today's capabilities	Matthias Thein, University of Applied Sciences Zwickau
<i>Lunch 13:00 – 14:15</i>		
14:15 – 15:45	Site visit: in trolley-hybrid and visit at the depot and ride to train station to take train to Berlin	All
15:55 – 16:30	Train to Berlin. Arrival in Berlin main station at 16.30 hrs	All
19:30	Informal dinner at participant's own cost Dicke Wirtin, Carmerstr. 9, 10623 Berlin	

Friday 13 November

User Forum day

TU Berlin: Technische Universität Berlin,
 Straße des 17. Juni 135
 D-10623 Berlin, Germany
 Main building, Room H2035, floor 2

Google maps: <http://bit.ly/1kePtIc>

Moderator: Bonnie Fenton, Rupprecht Consult

TIMING	ITEM	WHO
8:30 – 9:00	Registration	ALL
9:00 – 9:10	Welcome and introduction	ELIPTIC coordination team Bremen / UITP
9:10 – 9:25	E-bus Berlin project	Prof. Dr.-Ing. Dietmar Goehlich, TU Berlin
9:25 – 9:35	Introductory round to forum members	ALL
9:35 – 09:50	Introduction to the ELIPTIC project	Michael Glotz-Richter, Bremen
9:50-10:00	Introduction to the User Forum	Yannick Bousse, UITP
10:00– 10:45	Introducing you to each other: results of the pre-workshop questionnaire	Yannick Bousse, UITP
<i>Coffee break 10:45 – 11:15</i>		
11:15 – 11:40	Introduction to ELIPTIC thematic pillars Presentation of the three ELIPTIC Pillars: 1) Safe integration of e buses into existing electric PT infrastructure in the areas of <ul style="list-style-type: none"> • (re)charging e buses “en route” (e.g. trolleybus operated on tram infrastructure) or on the spot (battery 	Yannick Bousse, UITP

	<p>buses/ hybrids charged from trolleybus, tram, metro network);</p> <ul style="list-style-type: none"> • upgrading trolleybus networks with battery buses or trolley hybrids (diesel bus substitution); • automatic wiring/de-wiring technology (catenary-free trolleybus operation). <p>2) Upgrading and/or regenerating rail electric public transport systems (flywheel, reversible substations)</p> <p>3) Multi-purpose use of electric public transport infrastructure: safe (re)charging of non-public transport vehicles (pedelecs, electric cars/ taxis, utility trucks).</p>	
11:40 – 12:20	<p>World café round 1</p> <p>Participants divide into groups per thematic pillar and discuss the ELIPTIC use cases</p>	All
12:20 – 13:00	<p>World café round 2</p> <p>Participants choose a second thematic pillar for a second round of discussion</p>	All
13:00 – 13:15	Summary and outlook	Michael Glotz-Richter, Bremen Yannick Bousse, UITP ELIPTIC Coordination team
<i>Lunch 13:15 – 14:15</i>		
14:15 – 16:30	<p>Site visit Intelligent Mobility Station Südkreuz</p> <p>Visit to intelligent intermodal transportation hub Berlin Südkreuz. In order to reinforce intermodality in public transit, the idea is to use renewable energy generated within the urban center and combine it with innovative storage and charging systems in the public sphere. The intelligent mobility station will thus offer a fully electric mobility experience that is powered by locally generated renewable energy.</p> <p>Focus Areas:</p>	ALL

	<ul style="list-style-type: none"> • Charging infrastructure of E-Bus Berlin line 204 • Integration of electromobility in the public transport sector into the everyday operations of a transit station (eCarsharing, Pedelecs) 	
About 16:30	End of event at Berlin Südkreuz station	

About ELIPTIC

ELIPTIC aims to develop new use concepts and business cases in order to optimise existing electric 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.

To achieve this goal, ELIPTIC analyse 23 use cases within 11 cities (Barcelona, Bremen, Brussels, Eberswalde, Gdynia, Lanciano, Leipzig, London, Oberhausen, Szeged, and Warsaw) and in three thematic pillars. The project will support uptake and exploitation of results by developing guidelines and tools for upgrading and regenerating electric public transport systems. ELIPTIC also advocates for an electric public transport sector at the political level and helps develop political support for the electrification of public transport across Europe. With a strong focus on end users, ELIPTIC use case analyses focus on three thematic pillars:

- Safe integration of e-buses into existing electric public transport infrastructure through recharging them “en route” and upgrading trolleybus networks with battery buses or trolley hybrids and automatic wiring/de-wiring technology
- Smart energy management upgrade of electric public transport systems for rail
- Multi-purpose use of electric public transport infrastructure, e.g. for safe recharging of non-public transport vehicles.

About the User Forum

The objective of the ELIPTIC User Forum is to enlarge the assessment and validation of the ELIPTIC concepts and results through independent expertise. The group will meet on a bi-annual basis and provide updates on the latest developments in their cities so that forum members can learn from each another experience. Through the User Forum assessments, the

ELIPTIC Consortium will be able to widen its results, adapting them better to the needs of public transport operators and authorities. Workshops will also include relevant site visits. The aim of the first meeting is to draft a work plan of the user forum.

Confidentiality

All data collected from ELIPTIC User Forum members will be aggregated for inclusion in reports; individual data will be kept confidential.

Who will participate?

The ELIPTIC User Group will bring together public transport operators and authorities. These experts have been recruited and selected from cities active in one of ELIPTIC's three thematic pillars. The User Forum will be composed of 15 public transport operators and authorities, the 11 ELIPTIC Twin cities and the ELIPTIC Coordination team. ELIPTIC consortium members will be invited on an ad hoc basis to present during the User Forum meeting.

What is expected of participants in the User Forum?

- Dedicate to physical meetings on bi-annual basis;
- Providing updates on the latest electric public transport developments in their city from direct experience and other projects;
- Follow the evolution and results of ELIPTIC activities;
- Provision of feedback on ELIPTIC documents submitted for review;
- Complete assessment exercises with support documents;
- Contribute to the project development and validate the project results.

What you will gain?

- First-hand information on the latest research on the optimisation of electric public transport. The opportunity to participate directly in influencing European-funded research and technical development and to provide input to the ELIPTIC project;
- Topical site visits and presentations in the context of each User Forum meeting;
- Exchange with other (potential) electric public transport users in person at one-day

workshops and electronically between workshops;

- Reimbursement of travel and accommodation costs for workshop attendance (based on standard EU limits);
- International networking opportunities.