

Information on technical content
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Information and Registration
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Partecipation

The Workshop has no fee but the registration is required by filling in and sending the registration module before 01/06/2017.

Venue of the Workshop
ASSTRA , Sala “Aulo Vibenna”
Piazza Cola di Rienzo n. 80/a ROMA

From Termini:

- Metro A (Battistini direction) - Lepanto stop, then 400 mt walking
- Taxi Station

From Fiumicino:

- “Leonardo Express” Train to Termini Station
- Bus from Terminal 3 - to Cavour Square, then 200 mt walking
- Taxi Station (around 48 euro)



ELIPTIC PROJECT WORKSHOP “ELECTRIFICATION OF PUBLIC TRANSPORT IN CITIES” :

FIRST RESULTS OF UPGRADING AND/OR REGENERATING ELECTRIC PUBLIC TRANSPORT SYSTEMS (FLYWHEEL, REVERSIBLE SUBSTATIONS)



ROME 12th JUNE 2017
ASSTRA
(PIAZZA COLA DI RIENZO 80/A)

The ELIPTIC project, financed by Horizon 2020 programme, aims to develop new concepts and business cases in order to optimize 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.

The project supports the European Commission in exploring policy frameworks and measures in order to ensure the uptake of alternatively fuelled vehicle fleets in urban areas. ELIPTIC develops 20 user concepts and business cases in 11 European cities, which put a strong focus on increasing the capacity of electric public transport. ELIPTIC also contributes to reaching the EU's goals of halving the use of conventionally-fuelled cars in cities by 2030 and reducing the emissions of 60% by 2050. The shift from private to electric collective transport will reduce the need for individual travel and for private car ownership in urban areas, simultaneously improving air quality.

With the view of wide application of the project's results, ELIPTIC adopts a holistic approach, including large metropolitan cities (e.g. London, Barcelona, Brussels, Warsaw), middle-sized cities (e.g. Bremen, Gdynia, Leipzig, Szeged, Oberhausen), small towns (e.g. Eberswalde) and even less densely populated areas (Lanciano). This selection implicates also various climatic and topographic conditions, showing important impacts for the operation of (battery) electric vehicles.

The ELIPTIC project develops new and innovative use concepts and business cases within three thematic pillars:

- safe integration of e-buses using existing electric public transport infrastructure
- innovative energy storage systems for rail to increase operational efficiency
- multi-purpose use of electric public transport infrastructure

12.00 1st SESSION: INSTITUTIONAL FRAMEWORK

ASSTRA WELCOME

Emanuele Proia – General Manager ASSTRA

TRAM SYSTEM IN ITALY: STATE OF ART

Elena Molinaro – Manager of 5 Division – General Direction for Transport Systems and fix assets and for LPT – Italian Ministry of Transport and Infrastructure

13.15 LIGHT LUNCH

14.00 2nd SESSION: THE ELIPTIC USE CASES

Coordinator: Daniela Carbone – Head of Innovation Technologies Service of ASSTRA

14.15 THE ELIPTIC PROJECT

Hendrick Kock – ELIPTIC Project Coordinator, Bremen

14.30 EVALUTATION OF THE ELIPTIC USE CASES

Maria Vittoria Corazza – Researcher UNIROMA 1

14.45 PILLAR B USE CASES DESCRIPTION

Veronica Usai – Rail Office ASSTRA

15.00 ENERGY RECOVERY LIGHT RAIL SYSTEMS: MEASUREMENT RESULTS IN TRAM NETWORK

Benjamin Roeland – STIB Brussels

15.15 LANCIANO USE CASE

Sandro Imbastaro – Freight Unit Manager TUA Lanciano

15.30 COFFE BREAK

15.45 EXPERIENCE ON FLYWHEEL STORAGE SYSTEMS IN BREMEN

Jürgen Kappus – Bremen

16.00 GDYNIA USE CASE

Marta Woronowicz – PKT Gdynia

16.15 QUESTIONS AND ANSWERS

16.30 3rd SESSION: OTHER EUROPEAN/ITALIAN EXPERIENCES

Coordinator: Daniela Carbone – Head of Innovation Technologies Service of ASSTRA

16.30 ELIPTIC CONCEPTS IN INTEGRATING ELECTRIC BUSES IN EXISTING ELECTRIC PUBLIC TRANSPORT

Yannick Bousse – EU Project Manager UITP

16.45 THE ELECTRICALLY POWERED EXPERIENCE IN CTM

Roberto Murru – President CTM Cagliari

16.45 LINE C PROJECT

Paolo Rapinesi – Mobility Infrastructure Technologies and Fleet Maintenance Manager ATB Bergamo

17.00 EXTENSION OF A TROLLEYBUS LINE IN SZEGED WITH TROLLEYBUS-HYBRIDS

Ádám Németh Zoltán – ZKT Szeged

17.15 QUESTIONS AND ANSWERS

19.30 DINNER (RESTAURANT TBC - DRESS CODE INFORMAL)