

# The project partnership

Trolley consists of a comprehensive partnership of the following stakeholder groups: cities, transport operators, an educational institution, and a registered (non-profit) organisation that promotes the interest of trolleybus cities, users and the trolleybus industry:



The lead partner **Salzburg AG** is recognised in Europe as THE leading trolleybus city. By using hydropower, the trolleybus in Salzburg represents a fully zero emission system.



The **City of Brno** operates the second biggest trolleybus network of Europe (after Bratislava) and is also a city with an extensive tram network.



Eberswalde's **Barnim Bus GmbH** operates the oldest operational trolleybus system in Germany. The use of braking energy is a firm standard ever since 1983.



**TEP S.p.A** is the trolleybus operator of the Italian city of Parma that continuously runs trolleybuses since 1953 and is proud to operate the biggest trolleybus network of Italy.



The public transport operator **Leipziger Verkehrsbetriebe LVB** of the city of Leipzig plans to introduce electric city buses, reconsidering trolleybuses as a possibility, on certain routes in the very near future. Hereby, Leipzig could become a model city for many other European cities.



The **City of Gdynia** has the largest trolleybus network in Poland, connecting also the neighbouring city of Sopot. Gdynia is an expert in converting run-down diesel buses into modern trolleybuses.



The Polish **University of Gdansk** enjoys a European wide reputation as a public transport knowledge hub and innovation incubator.



**SZKT**, the public transport operator of the South-Hungarian city of Szeged, is in charge of the local tram and trolleybus systems. The partner has particular knowledge in combined tram-trolleybus networks and is continuously extending these networks.

**TrolleyMotion**

**TrolleyMotion** is the leading European trolleybus interest group. It constitutes part of a wide trolleybus network and has well established contacts to all relevant trolleybus stakeholders such as cities, industry or operators.

# trolley

## Promoting electric public transport

- Optimising Energy Use of Trolleybuses
- Increasing Efficiency of Public Transport
- Reshaping Image of Trolleybuses



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This project is implemented through the CENTRAL EUROPE Programme co-financed by the ERDF



## What is the project's mission?

**Nine partners from Salzburg (AT), Brno (CZ), Eberswalde (DE), Parma (IT), Leipzig (DE), Gdynia and Gdansk (PL) and Szeged (HU), representing urban transport stakeholders of Central Europe, are cooperating in the TROLLEY project.**

They are convinced that electricity-based public transport is the cleanest and most efficient urban mobility solution today, and that trolleybuses constitute the best ready-to-use technology to face major mobility challenges in Central Europe. Based on the wide experience of these partners, the EU funded project TROLLEY seeks to unlock the vast potential of trolleybuses to transform transport systems from "fossil mobility" towards "electromobility".

## What is the project's approach?

Several TROLLEY partners are confronted with a situation where their trolleybus-based public transport systems run at their capacity limits. In addition they have to meet new challenges concerning technical and environmental requirements or with consideration to passengers' needs.

**Resulting from this awareness, all partners will elaborate and implement innovative concepts tackling these challenges. In addition, it is the Trolley partners' strongest desire to reshape and establish the trolleybus system as a sustainable and innovative new standard of public transport and a ready-to-use technology of electric mobility.**

Bringing together Central European scientists and trolleybus practitioners to find solutions to current challenges of European trolleybus networks (e.g. efficient energy use, increased operation speed, reshaped image of trolleybuses) is a unique idea.

This think-tank realises high learning potential for all Trolley partners. In addition to that, high-quality information guide books will provide precious guidance to those who are convinced of the added value trolleybuses are giving to sustainable public transport.



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## What will be TROLLEY's results?

The following main outputs will be produced and made available at [www.trolley-project.eu](http://www.trolley-project.eu) to other interested stakeholders, providing the latest available state of the art knowledge on trolleybus systems. They will be useful

- ▶ to cities and operators that are already operating trolleybuses,
- ▶ to those who used to be, but who are no longer trolleybus cities or operators and
- ▶ to those who are aiming at becoming trolleybus cities or operators.

### The main results of TROLLEY will be:

- ▶ **Transnational manual on advanced energy storage (on-board and within the network)**
- ▶ **Reference guide on shared trolleybus-tram network use (Trolleybus intermodality compendium)**
- ▶ **Transnational take-up guide on diesel bus replacements**
- ▶ **Handbook on diesel bus to trolleybus conversion**
- ▶ **Feasibility studies on network extension to low density urban areas**
- ▶ **Europe-wide trolleybus image promotion campaign**
- ▶ **Trolleybus promotion movie**
- ▶ **Central European Trolleybus Knowledge Centre**



## Do you have trolleybus expertise?

### Join the TROLLEY pool of experts!

In line with the establishment of a "Central European Trolleybus Knowledge Centre" you are welcome to bring in your trolleybus expertise. Visit the website [www.trolley-project.eu](http://www.trolley-project.eu) for more information or contact the Lead Partner.

For further information subscribe to our mailing list and receive the TROLLEY newsletter "TROLLEY Journal" or contact the Lead Partner:

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