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## Editorial

### Dear Trolleybus Community,

Trolleybuses are a clean, electricity-based transport mode for sustainable urban and suburban mobility around the world.

For this reason, Salzburg AG and eight other partners from Salzburg, Brno, Eberswalde, Gdynia, Parma, Szeged, Leipzig and Gdansk decided to promote this electric public transport mode, convinced that trolleybuses are the best ready-to-use technology to face major mobility challenges in Central Europe. Based on the wide experience within our partnership in the EU funded project TROLLEY we seek to unlock the vast potential of trolleybuses to transform transport systems from "fossil mobility" towards "electro-

mobility". On our project website [www.trolley-project.eu](http://www.trolley-project.eu) you can learn more about who we are, what we do, what the project's main outputs are and how you can benefit from TROLLEY.

With our regular TROLLEY journal we would like to keep you informed about the project's activities and news.

In this first issue you can catch up on basic information about the TROLLEY project and on our successful official Launch Event on the 1 July 2010 in Gdynia, Poland. Witnessed by the European Commission's head of the Unit "Clean Transport, Urban Transport & Intelligent Transport Systems" Ms. Magda Kopczynska, high-level representatives from

our TROLLEY partners signed the „Declaration for Electric Trolleybus Mobility" to demonstrate their awareness of the potential of trolleybuses for European cities. The declaration is available as download from the "library" of our project website. On the following pages of the first TROLLEY journal you will also find information about local activities in our partner cities as well as announcements of forthcoming events and conferences dealing with electric trolleybus mobility. We hope you will find news of interest for you, too.

### Enjoy reading! Yours faithfully

Gunter Mackinger,  
Lead Partner TROLLEY



The TROLLEY partnership, representing urban transport stakeholders from six countries in Central Europe, during the project's kick-off workshop.



## 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.

### What is the project's approach?

Several TROLLEY partners are confronted with a situation where their trolleybus-based public transport systems run at the limits of their capacity. 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. The main outputs of the project will be made available to other interested stakeholders, providing the latest available state of the art knowledge on trolleybus systems. They will be useful for cities and operators that are already operating trolleybuses or for those who are aiming at becoming trolleybus cities or operators.

### TROLLEY in brief

TROLLEY contributes to an improved accessibility of and within Central European cities, focusing on urban transport. By taking an integrated approach the project has one main aim: the promotion of trolleybuses as the cleanest and most economical transport mode for sustainable cities and regions in Central Europe.

**Programme:** INTERREG IVB CENTRAL EUROPE Programme

**Priority:** Priority 2, Improving accessibility to, and within, Central Europe

**Project Call:** 2nd call

**Number of Partners:** 9

**Lead Partner:** Salzburg AG, Austria

**ERDF Grant:** ~ Euro 3.3 million

**Total Eligible Costs:** ~ Euro 4.2 million

Start Date: 01.02.2010  
End Date: 31.01.2013  
[www.trolley-project.eu](http://www.trolley-project.eu)





Signing of the "Declaration for Electric Trolleybus Mobility" by high-level representatives of the TROLLEY consortium.

## Launch Event in Gdynia

On July 1, 2010, the launch event of the TROLLEY project took place in the city hall of Gdynia, Poland. At the launch event, the Lord Mayor of Gdynia, Wojciech Szczurek, welcomed a number of high-profile individuals including the European Commission's head of the Unit "Clean Transport, Urban Transport & Intelligent Transport Systems", Ms. Magda Kopczynska. After a site visit to the trolleybus depot of Gdynia's local operator Przedsiębiorstwo Komunikacji Trolejbusowej (PKT), key note speeches were held, followed by a panel discussion on "Innova-

tions and Perspectives of Trolleybuses in Central Europe" with all TROLLEY partners in Gdynia's city hall. During the Launch Event Ms. Magda Kopczynska from the European Commission said: "I am glad that the Central Europe programme is funding a project like TROLLEY, as trolleybuses are an intelligent, efficient and environmentally-friendly transport mode. Best-practice transport solutions should come from Europe. If the TROLLEY project could achieve that the awareness for trolleybuses as an option for public transport in European cities is rising, this would be a great success!"

As the final festive act of the Launch Event, the official signing of the „Declaration for Electric Trolleybus Mobility" by the TROLLEY partners took place to demonstrate the awareness of the potential of electric public transport in European cities and the commitment to support the TROLLEY Project.

The undersigning of the „Declaration for Electric Trolleybus Mobility" was the starting signal to initiate a collection of signatures by inviting stakeholders of the electromobility community to join this Declaration.



TROLLEY partners during the site visit at Gdynia's trolleybus depot.

Ms. Magda Kopczynska from the European Commission during the panel discussion.





### Barnim Bus GmbH, Eberswalde (DE)

#### Trolleybus line wins ADAC school bus competition

Anonymous testers of the German Automobile Association (ADAC) tested 36 school bus routes in 12 Länder in Germany concerning space for school children, behaviour of the drivers, condition of the buses and stops etc. Trolleybus line 861 of the TROLLEY project partner Barnim Bus Company (BBG) in Eberswalde won the overall competition. Only here, the drivers' behaviour was rated „Excellent“ due to friendliness towards the children and exact adherence to road traffic regulations. BBG buses transport up to 7000 school children daily. Drivers are subject to advanced driver trainings and de-escalation exercises. The school children also participate in trainings teaching them correct conduct at and on the bus.



The Mayor of Eberswalde, Friedhelm Boginski, and the Deputy district administrator of Barnim, Carsten Bockhardt, writing their "patronage messages" on a trolleybus.

Furthermore, BBG drivers are supported by honorary escorts of the German Verkehrswacht (citizen's initiative for road safety with 70,000 volunteers) who see to order, discipline and safety on-board. The TROLLEY consortium congratulates the project partner BBG on this success!

#### 70 years of trolleybuses

On 21 August 2010, the TROLLEY project partner Barnim Bus Company (BBG) celebrated „70 years of trolleybuses in Eberswalde“. In this context, BBG and the citizens from Eberswalde said symbolically good-bye to the currently operating trolleybus fleet immortalising themselves with a message on an old trolleybus positioned on the market place in Eberswalde. The old fleet will be replaced from November with a new fleet with advanced technique to aim for the next 70 years of trolleybuses in Eberswalde.

Furthermore, enthusiasts and advocates of this clean public transport mode had the opportunity to commit themselves to the trolleybus concept by providing T-shirts with their institution's logo.

All T-shirts had been fixed on a trolleybus themed "Der O-Bus zieht an" ("The trolleybus dresses up") resulting in a colourful mosaic. For more information please have a look at [www.bbg-eberswalde.de](http://www.bbg-eberswalde.de) or contact Ms Mandy Kutzner ([kutzner@bbg-eberswalde.de](mailto:kutzner@bbg-eberswalde.de))

## SZKT, Szeged (HU)

#### Extension of the trolleybus network

On 14th August, the service on the extended trolleybus route 8 in Szeged began with eight vehicles, amongst them is the first low-floor trolleybus "SZKT-ARC", which was built locally. Now, the acclimatized SZKT-ARC trolleybus runs on the 1670 m extended route. It has 44 seats and room for 80 standing places. It is a result of a three year long cooperation of the TROLLEY partner Szeged Transport Company (SZKT) with a Hungarian coach manufacturer.



The first SZKT-ARC trolleybus operating in Szeged.

László Botka, the mayor of Szeged, said at the inauguration ceremony that almost 30 billion HUF (more than 10 million Euros) will be spent on the reconstruction of electric transport for the city.

The director of SZKT, Gábor Dózsa, emphasized that the trolleybus, which was already been running in the city for 31 years, is the only mode of transport, which managed to keep up its passenger numbers, because it is fast, low noise, and the vehicles run reliably.



Mayor László Botka and director Gábor Dózsa at the inauguration festivity.





## TrolleyMotion, Salzburg (AT)

### Conference on "New Horizons for Urban Traffic - Innovative Electric Bus Systems for Livable Cities"

On 30 November and 1 December, 2010, the TROLLEY partner TrolleyMotion organises the international conference "New Horizons for Urban Traffic - Innovative Electric Bus Systems for Livable Cities" in Lucerne, Switzerland. The conference is a follow-up of the first Trolleybus conference in 2008 in Zurich, Switzerland, which was extremely successful and triggered a positive response worldwide. As a „Summit of Innovative Electric Transit Systems“, the second conference in 2010 will provide a situation analysis and professional assessment of the opportunity range of electric transport systems for professionals, decision makers, operators and all other conference participants, giving an overview over successful systems.

The key question, which should be tackled from several points of view within six - partly parallel - sessions and two round table discussions is, whether E-mobility is able to solve today's economic and environmental problems in the longer run. The speakers from industry, transport operators and universities are international renowned, an interesting input for the European situation will be given by Li Hua from Shanghai talking about „Digital Trolleybuses in Shanghai“.

The conference will be accompanied by a technical exhibition. Our Trolley partners Salzburg AG, Leipzig Transport Services (LVB) and Szeged Transport Company (SZKT) will give presentations about the TROLLEY project and their local activities within the project. The consortium will be represented by a stand in the technical exhibition area.

Our TROLLEY partner is looking forward to welcoming you in Lucerne. For more information and registration, please, check the following link:  
[www.trolleyproject.eu](http://www.trolleyproject.eu)

## Calendar

- ▶ **European Trolleybus Day**  
in TROLLEY's partner cities.  
For more information,  
**18.09.2010**,  
please check our website  
[www.trolley-project.eu](http://www.trolley-project.eu)
- ▶ **InnoTrans 2010:**  
International Trade Fair for  
Transport Technology -  
Innovative Components,  
Vehicles, Systems -,  
Berlin, Germany,  
**21.-24.09.2010**,  
[www.innotrans.de](http://www.innotrans.de)
- ▶ **8th International  
Salzburger Verkehrstage**  
(Salzburg Transport Days),  
Austria,  
**11.-13.10.2010**,  
[www.salzburger-verkehrstage.org](http://www.salzburger-verkehrstage.org)
- ▶ **Central Europe Annual  
Event**,  
Prague, Czech Republic,  
**23.-24.11.2010**,  
[www.central2013.eu/news-  
events-publications/events/](http://www.central2013.eu/news-events-publications/events/)
- ▶ **New Horizons for Urban  
Traffic - Innovative Electric  
Bus Systems for Livable  
Cities**  
Lucerne, Switzerland,  
**30.11.-01.12.2010**  
[www.trolleyproject.eu](http://www.trolleyproject.eu)

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