

Promoting **clean** public transport

# Trolley

## TROLLEY – What was achieved by



**trolley:motion**

An international action group  
to promote modern e-bus systems  
with zero emission



Arnulf Schuchmann  
Secretary General,  
TrolleyMotion

TROLLEY Final Conference

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- ▶ International action group to promote modern ebus systems  
(with a bi-annual international conference)
- ▶ Dedicated homepage, network of professionals and data base of contacts existing
- ▶ Dissemination activities within TROLLEY and development of the Knowledge Center fitted perfect into TrolleyMotion's agenda

# Central European Trolleybus Knowledge Centre



- ▶ TROLLEY-Wiki
- ▶ Expert-database
- ▶ Trolleybus-news
- ▶ Library including project-publications (trolley:community)





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## Trolley:wiki

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### trolley:wiki - articles (English | German)

- [Base | Basis](#)
- [Pneumatic Box / Locking Device | Pneumatikkasten / Verriegelung](#)
- [Switches and Crossings | Weichen und Kreuzungen](#)
- [Environment and Infrastructure | Umwelt und Infrastruktur](#)
- [Current Collector Poles | Stromabnehmerstangen](#)
- [Wiring Engagement Fixtures | Eindrahtungstrichter](#)
- [Overhead Contact Wire | Fahrleitung](#)
- [Retractors/Retrievers | Retriever](#)
- [Description of Current Collector System | Systembeschreibung Stromabnehmer-System](#)
- [Switch Controls | Weichensteuerung](#)

### trolley:wiki - manual

- [Benutzerhandbuch](#)

**navigation**



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# Expert-database



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### Members


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36 site users


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 **Ralf Kleebusch**  
Trolleybus in general

 **Dennis Priester**  
Trolleybus in general



 **Dave Haskins**  
Trolleybus in general

 **Bonnie Fenton**  
other please specify


 **Emrah DAL**  
Trolleybus in general, power supply, vehicles - electronics



# Expert-database - profile



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**Languages:** Italian

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## News-Archive (Cities)

Date	Category	Headline
31.12.2012	Zlin [CZ]	25 New trolleys from Škoda Electric
24.12.2012	Salzburg [AT]	Route 12 Opened via the Nelböck Viaduct
24.12.2012	Avellino [IT]	The Infrastructure 'Will Be Ready Next Summer'
24.12.2012	Lublin [PL]	38 Trolleybuses for Network Expansion
17.12.2012	Athen [GR]	New routes to Pireus
10.12.2012	Bergen [NO]	Trolleybus Operation Secure to 2018
10.12.2012	Valparaiso [CL]	Continuous Refurbishment of the fleet
10.12.2012	Makhachkala [RU]	New Trolleybus Routes to Connect Outlying Areas
03.12.2012	Zürich [CH]	Delivery of Double Articulated Trolleybuses Completed
03.12.2012	Limoges [FR]	Presentation of the SwissTrolley4
03.12.2012	Sterlitamak [RU]	Five New Ufa BTZ-52763A Trolleybuses Presented
26.11.2012	Winterthur [CH]	Farewell to the Last High-Floor Trolleybuses
26.11.2012	Roma [IT]	Slow Progress on the 'Corridoio Laurentina-Tor Pagnotta'
26.11.2012	Praha [CZ]	Demonstrator from Plzen
26.11.2012	Barquisimeto [VE]	Movement Again?
19.11.2012	Arnhem [NL]	Alterations with the New Timetable
19.11.2012	Verona [IT]	New Trolleybus System Being Built
19.11.2012	Wellington [NZ]	Back to its Origins
19.11.2012	Moskwa [RU]	TrolZa Delivering 263 Trolleybuses by 2014
12.11.2012	Eberswalde [DE]	An Extension with Battery Power?



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# Trolley:publications



Community - Knowledge Center

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**Wolfgang Backhaus**  
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### All site publications

Mikołaj Bartłomiejczyk, Jarosław Dombrowski, Marcin Połom, Olgierd Wyszomirski, [Konwersja Autobusu z Silnikiem Diesla na Trolejbus \[PL\]](#), Techreport, PKT Gdynia, University of Gdansk, Polish, 2012,

Stephan Rutscher, Manfred Deutzer, [Optimierung des O-Bus-Systems - System für das automatische Eindrahten von O-Bus-Stromabnehmern](#), Der Nahverkehr, German, 2012, pp. 03

Mauro Piazza, [Filobus, quotidiana battaglia con l'auto](#), Transport Pubblici, Italian, 2012,

Dr. Jan Messerschmidt, [Elektrobusse gewinnen Flexibilität](#), Der Nahverkehr, 2012,

Arnulf Schuchmann, [Vor und Nachteile moderner Trolleybussysteme](#), Nahverkehrs-praxis, 2012,

Manfred Deutzer, Stephan Rutscher, Herbert Willemse, Bastian Gerdes, Frederic Deutzer, [Untersuchungen von O-Bus-Fahrleitungen](#), Verkehr und Technik, German, 2012, pp. 04

Wolfgang Duveneck, [Der O-Bus - neue Chance ohne Oberleitung?](#), The Epoch Times, 2012,

unbekannt/unknown, [Trólebus - Conquista ao meio ambiente](#), AutuBus Revista, Other, 2012, pp. 12

Manfred Deutzer, [Neues Konzept für einen O-Bus-Stangenstromabnehmer](#), Verkehr und Technik, German, 2012, pp. 09



- ▶ Support for organization of European Trolleybus Day, in particular “starter kit” for sustainability phase beyond TROLLEY project runtime
- ▶ Dissemination of project-results and lobbying work (200 letters to all cities in Germany and Switzerland, press-releases, newsletter, TROLLEY news section on website)
- ▶ Organization of Transferability Conference in relation to third international Trolleybus-conference of TrolleyMotion

# What has changed for TrolleyMotion through TROLLEY

- ▶ More attractive homepage with much broader spectrum of information due to integration of TROLLEY Knowledge Center
- ▶ Increased awareness (clicks and visitors on homepage, experts, publications, etc.)
- ▶ The before mentioned and successful conferences on e-buses lifts perspectives of TrolleyMotion

# How can others benefit?

- ▶ Potential of know-how transfer is huge
- ▶ Dissemination of results via Knowledge Center and homepage
- ▶ Periodic newsletter and reminder of Knowledge Center and expert-database
- ▶ Discussion of related questions on homepage-forum
- ▶ Future collaboration with UITP-TWG using e-learning modules and Knowledge Center

# What is the way forward after TROLLEY for TrolleyMotion

- ▶ Improve and enhance Knowledge Center
  - ▶ Global news-database
  - ▶ TROLLEY-Wiki
  - ▶ Library
- ▶ Keep created contact database up-to-date
- ▶ Be partner in "TROLLEY II" - if launched

# Thank you for your attention!

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