

# Press Release



## ABB to showcase technologies for sustainable public transport at UITP, Milan

**Focus on innovative and environmentally friendly solutions to address growing urban needs**

Zurich, Switzerland, June 4, 2015 – ABB, the leading power and automation technology group, will showcase innovative technologies for public transport at the 2015 UITP (Union Internationale des Transports Publics/ International Association of Public Transport) World Congress and Exhibition in Milan, Italy.

Running from June 8-10, 2015, the biennial event, recognized as the biggest public transport event of its kind in the world, offers participants a platform to share and discover the latest technology and market trends in public transport.

At the event, ABB will highlight its TOSA (Trolleybus Optimisation Système Alimentation) full-electric bus technology, particularly its unique charging infrastructure is an innovative solution for urban public transport needs. TOSA, the first completely electric articulated bus, was recognized at the EBUS Award 2014 for its innovative on-board traction system and flash in-route charging. A TOSA pilot has been in successful operation in Geneva, Switzerland for over a year and a half.

ABB will also demonstrate its Terra XB e-bus fast charging solution where it is partnering with Volvo Buses to co-develop and commercialize electric and hybrid buses with a standardized, connected, scalable automatic fast charging solution, which enables maximum reuse of existing e-mobility technologies.

ABB's exhibition stand will feature several leading-edge solutions including a compact and flexible motor for light rail vehicles showing ABB technologies to optimize the design based on the given market requirements as well as the BORDLINE® CC400 Compact Converter, a highly integrated and powerful propulsion solution for light rail and metro vehicles.

Also on show will be ABB's BORDLINE® M7 DC auxiliary converter for metros, which deploys insulated-gate bipolar transistor (IGBT) power electronics technology designed for easy and fast maintenance. In addition, ABB experts will share their expertise on dry-type transformer and inductor technologies as well as ABB's ENVILINE™ DC wayside traction power solutions.

"ABB's focus at the UITP Milan event is on innovative technologies that support urban public transport networks to enhance availability, reliability and energy-efficiency", said Jean-Luc Favre, head of ABB's Rail Industry Sector Initiative. "These solutions can reduce congestion and make urban centers more attractive while lowering environmental impact, fostering sustainable mobility for a better world."

ABB provides several technologies to support sustainable mobility across applications such as railways, metros and electric buses and vehicles. Transportation and Infrastructure is one of the three sectors served by ABB alongside utilities and industry and sustainable mobility is a key focus area in ABB's Next Level strategy.

ABB ([www.abb.com](http://www.abb.com)) is a leader in power and automation technologies that enable utility, industry, and transport and infrastructure customers to improve their performance while lowering environmental impact. The ABB Group of companies operates in roughly 100 countries and employs about 140,000 people.

For help with any technical terms in this release, please go to: [www.abb.com/glossary](http://www.abb.com/glossary)

*Visit ABB at stand #4G220 in Hall 4, UITP Milan 2015, at Milano Congressi*

### **For more information please contact:**

Head of Communications  
ABB Power Products & Power Systems  
Harmeet Bawa  
Tel: +41 43 317 6480  
[harmeet.bawa@ch.abb.com](mailto:harmeet.bawa@ch.abb.com)