



PRESS RELEASE

Solaris Series Hybrid Bus is "Innovation of 2011"

Bolechowo, 18.04.2011

Readers of busplaner trade magazine have voted the Solaris Urbino 18 Hybrid bus with Vossloh Kiepe series hybrid drive as their "Innovation of 2011". This state-of-the-art hybrid bus uses two energy storage systems and a plug-in connection to maximise the use of clean electric energy.

The Solaris Urbino 18 Hybrid with Vossloh Kiepe series hybrid drive has been named "Innovation of 2011" by busplaner trade magazine. This state-of-the-art hybrid bus won the 4th busplaner Innovation Prize in the Public Transport category. The prize is awarded annually by the magazine's readers in three areas, Public Transport, Technology and Tourism.

Solaris CEO Solange Olszewska said about the award: *"The recognition of the Urbino 18 Hybrid as "Innovation of 2011" underlines our commitment to climate-friendly electric mobility. It spurs us and our partners on to further increase public transport's sustainability."*

The award-winning Urbino 18 Hybrid was developed in partnership between Solaris and Vossloh Kiepe, who supplied the series hybrid system. Its flexible drive technology makes it a leading choice for electric mobility. This hybrid bus has two separate energy storage units. Supercapacitors store energy recuperated during braking for subsequent acceleration, while lithium-ion batteries offer larger amounts of energy to enable fully-electric, zero-emission operation over distances of several kilometres, for example in sensitive city environments.

A plug-in connection charges the batteries externally while the bus is in the depot. On board the vehicle, a downsized Cummins diesel engine meeting the EEV emissions standard produces electric energy through a generator. At the wheel, all power is supplied by a 250 kW electric motor. GPS-based energy management tailors the interplay of components exactly to route-specific operating conditions and thus maximises fuel savings potential.

Additional information

Mateusz Figaszewski

Institutional Partnerships and External Relations Director
Tel.: +48 61 66 72 347
Mobile: +48 601 652 179
Fax: 48 61 66 72 345
email: mateusz.figaszewski@solarisbus.com

About our company

Solaris Bus & Coach sp. z o.o. is a leading producer of city and intercity buses in Europe. It focuses on the development of low-emission and zero-emission vehicles, i. e. electric and hydrogen buses as well as trolleybuses. Over 25,000 Solaris vehicles have been delivered so far and they ply the streets in 850 towns and cities across 33 countries located throughout Europe as well as beyond it. Solaris is part of the Spanish CAF Group (Construcciones y Auxiliar de Ferrocarriles) S.A. From conception, to the design and manufacturing phases, all Solaris buses are produced in Poland. All activities undertaken by the company are in line with its mission, which is reflected in the brand's promise: to change the image of public transport. Solaris also actively partners with public transport operators and provides them with comprehensive support in their transition to zero-emission mobility. Solaris

products have been repeatedly awarded for quality and innovation. The Urbino 18 hydrogen bus has won the prestigious 'Bus of the Year 2025' title.