



PRESS RELEASE

Michał Piķuła explains how the Solaris Urbino 12 hydrogen is powered [VIDEO 4/4]

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From 9 to 12 June Stockholm will be the host to the Global Public Transport Summit organised every two years by UITP (French L'Union internationale des transports publics). At the summit the completely emission-free Solaris Urbino 12 hydrogen celebrates its world premiere.

The energy needed to propel the bus is derived from hydrogen stored in bus roof-mounted tanks. By means of a fuel cell, the hydrogen gas is turned into electricity. In turn, that power is feeding directly the bus driveline which consists of an axle with electric engines. The bus is also fitted with a Solaris High Power battery which acts as an additional electric power storage facility. The sole "by-product" generated during the operation of the Solaris Urbino 12 hydrogen is heat and steam.

[Get our newest Solaris Urbino 12 hydrogen to know.](#)

Additional information

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About our company

Solaris Bus & Coach sp. z o.o. is one of the leading producers of city and intercity buses in Europe. It focuses in particular on the development of zero-emission vehicles, i. e. electric and hydrogen buses as well as trolleybuses. This has resulted in the widest zero-emission product range in the European market and a leading position in this segment with a market share of 15.2%. Nearly 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. Moreover, all activities undertaken by the manufacturer are in line with the brand's mission, which is reflected in the motto "We are changing 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.