



## PRESS RELEASE

### Even more electric Solaris buses on streets of Freiburg

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**Solaris Bus & Coach has signed a contract with public transport operator Freiburger Verkehrs AG for the supply of 15 electric buses – five Solaris Urbino 12 electric and ten articulated Urbino 18 electric. This is yet another order for battery vehicles secured by the Polish firm on the German market in the past months.**

Located in south-western Germany, and with a population of over 230,000, the city of Freiburg has ordered five 12-metre Solaris Urbino 12 electric and ten 18-metre articulated Solaris Urbino 18 electric buses.

“I am extremely honoured that Freiburg has decided once again in favour of our electric vehicle range. It is wonderful to observe the dynamic development of an electric transportation network in Germany and in Europe, and to be part of that transformation at the same time. Solaris wants to actively support the transition of transport towards a more resident and environmentally friendly mode,” noted Petros Spinaris, Deputy CEO of Solaris.

The commissioned Urbino will be equipped with Solaris High Power batteries. Batteries with a total nominal capacity of 180 kWh will be installed in the articulated vehicles, whereas in the shorter buses energy will be stored in batteries with a total nominal capacity of over 150 kWh. In both Urbino models, the recharging can be performed in fast mode thanks to the pantograph positioned on the roof of each vehicle. It will be also possible to recharge the batteries using a conventional plug-in system. An electric axle with two integrated electric motors of 125 kW each will ensure a smooth ride.

Travel comfort of passengers and the driver, even on the hottest of days, will be provided by a novel air conditioning system with a heat pump. 34 people can be seated on board of the Urbino 12 electric bus at a time. The Urbino 18 electric, on the other hand, will have 46 seats available to passengers.

All buses commissioned by Freiburg will have USB ports installed both in the driver’s cabin and also in the passenger compartment; these ports will enable the recharging of mobile devices while on deck. A video surveillance system as well as a modern passenger information system installed aboard each bus will improve passengers’ comfort and safety. What is more, drivers will benefit from a series of solutions supporting their work and improving the road safety. E. g. in lieu of conventional side mirrors, the bus will feature cameras and adequately positioned screens that will ensure not only better visibility in bright sunlight but also in rain and at night.

The first Solaris buses made it to Freiburg in 2016. Solaris is a European leader in the sales and production of zero-emission buses. The company has supplied to or contracted over 230 electric buses to its German clients so far. In the past months, these innovative solutions were chosen among others by clients from Würzburg and Offenbach.

#### Additional information

**Mateusz Figaszewski**  
E-mobility Development & Market Intelligence Director

**About our company**  
Solaris Bus & Coach sp. z o.o. is one of the leading European

Tel.: +48 61 66 72 347  
Mobile: +48 601 652 179  
Fax: 48 61 66 72 345  
email: [mateusz.figaszewski@solarisbus.com](mailto:mateusz.figaszewski@solarisbus.com)

bus and trolleybus manufacturers. Benefiting from nearly 25 years of experience and having manufactured over 20,000 vehicles, Solaris affects the quality of city transport in hundreds of cities across Europe every day. Thinking of the future, the firm is setting new standards by dynamically developing its products, in particular in the electromobility sector. Solaris electric buses, trolleybuses and hydrogen buses are cutting-edge solutions for zero emission public transport. Solaris products have been repeatedly awarded for quality and innovation. The Solaris Urbino 12 electric won the prestigious European "Bus of the Year 2017" competition. In September 2018 Solaris Bus & Coach sp. z o.o. joined CAF Group.