SIEMENS bluebus

Press release – May 10th, 2021

Bluebus - Siemens: A solid partnership for true value

Bluebus, part of the Bolloré Group, and Siemens Commercial Vehicles both foster a long-term partnership, built on trustful collaboration throughout several projects, thus leveraging each other to top performances. Most important, the jointly accomplished projects clearly resulted in maximum benefits for the customers in terms of zero emissions, sustainability as well as true customer value through best TCO.

Until today, more than 100 of the 12-metre zero-emission Bluebus solution are in daily operation for silent and sustainable public transport. These are the latest example of the successes of Bluebus, being one of the first city buses in Europe, using optimal safe solid-state batteries and compact ELFA® 3 inverters.

Each Bluebus can be equipped with six 63 kWh-battery packs with advanced LMP® (Lithium Metal Polymer) technology, developed by Blue Solutions a subsidiary of the Bolloré Group, for highest safety standards and sustainability. LMP® solid-state batteries stand out by containing no solvents, no cobalt, no nickel and are highly recyclable. With Siemens ELFA® drive system, the 12-metre Bluebus can recover up to 90% of energy during deceleration, thus providing up to 320 km* driving on a single charge.

The compact ELFA® 3 inverter with embedded drive control functionality optimizes the interaction between brakes, electric drive and energy storage. The results are reduced downtimes for service and at the same time, reduced particulate matter emissions at the bus stops due to minimized mechanical breaking.

Customers of Bluebus with Siemens traction can rely on plus twenty years of continuous innovation and deep experience in each of the key disciplines, the Blue Solutions battery systems and Siemens electric drive systems, with ELFA® recently even celebrating 25th anniversary as registered trademark.

16000 ELFA® drive systems have so far been successfully put into operation and there are even more to come as the needs for zero-emission, silent and sustainable mobility solutions can only be answered with technological advanced vehicles like the Bluebus.

* Average autonomy range noticed with SORT cycles.

About Siemens Commercial Vehicles

Siemens Commercial Vehicles (CV) is a business of Siemens AG. CV was formed as a merger of the two business units Electric Commercial Vehicles and Mobile Mining in 2019. It's system know-how and competencies in electric drive systems for buses of 8m and up to 24m as well as for all commercial vehicles are proven in over 16000 ELFA systems in its plus 25 years presence in the market.

Siemens CV Headquarters are located in Nuremberg, Germany with production and engineering sites in Germany, USA and China. To sum it up, Siemens CV will reliably get you to move, no matter what you are planning to transport.

For more information visit: siemens.com/elfa

Press contact:
Judith Praetorius / +49 172 1877847 / cv_communications.de@siemens.com

About Bluebus

Created in 2007 at Ergué-Gabéric (Brittany), Bluebus, part of the Bolloré Group, is a French manufacturer of 100% electric buses, available in 6 meters and 12 meters. These buses are equipped with LMP® solid-state batteries (Lithium Metal Polymer) produced by Blue *Solutions*, whose all-solid architecture, without cobalt, solvent or "rare earth" is unique in the world.

The production sites for Bluebus e-buses and Blue *Solutions* LMP® batteries get the ISO 9001 & ISO 14001 certifications and the Guaranteed French Origin label.

The Bluebus range offers zero-emission technology and a silent solution responding to the demand of public entities and transport operators for clean and sustainable mobility. Today, more than 400 Bluebus e-buses are in operation around the world.

For further information on www.bluebus.fr

Press contact:
Aurore Christy / + 33 6 07 68 46 59 / aurore.christy@blue-solutions.com
Sandrine Pillault / + 33 7 77 79 77 19 / sandrine.pillault@blue-solutions.com