



## PRESS RELEASE

# Stena gives Volvo bus batteries a second life

**The commercial service lives of bus batteries are significantly extended and natural resources are conserved. That is the result of a new cooperation between Volvo Buses and Stena Recycling subsidiary Batteryloop. After the batteries are removed from Volvo's buses, they are reused as energy storage units for a number of years, for instance in buildings and charging stations.**

"Volvo Buses is one of the pioneers in electromobility which provides clean, quiet and efficient public transport. We have a clear-cut sustainability strategy at every single stage of our value chain, and we are now taking yet another step forward through planned, consistent reuse of bus batteries. In our electromobility operation we are thus creating a new circular business cycle and this cooperation is truly a major step in the right direction," says Håkan Agnevall, President of [Volvo Buses](#).

Bus batteries are used for many years in regular traffic before they need to be replaced. However, when new batteries are fitted to the vehicle, the old ones still have considerable capacity left to offer. This capacity is too limited to efficiently propel a bus, but it is more than sufficient for static use for energy storage purposes. Repurposing the batteries means that natural resources can be conserved since it is not necessary to use new batteries for energy storage.

"We are delighted and proud that Batteryloop has the opportunity to buy the used batteries and develop this solution together with Volvo Buses. In addition to reuse, under the agreement we also guarantee safe and environmentally suitable recycling when the batteries come to the end of their second life as energy storage units. We thus offer a sustainable circular solution for Volvo Buses batteries. What is more, this cooperation means we can convert a cost into a source of revenue for the customer," says Rasmus Bergström, President of [Batteryloop](#).

The new recently signed agreement has a global reach. It covers all the batteries for which Volvo Buses is responsible in its electric buses the world over. To date most of these buses are to be found in Europe, but the number of electrified buses is expected to increase in other parts of the world too.

"We see a steadily increasing demand for electric buses from cities all over the world, and since we entered the electric bus market early, the numbers of used batteries are set to increase," explains Håkan Agnevall.

The demand for local energy storage units is expected to increase in the future. Not least, an energy storage unit offers new scope for storing renewable energy, which can be used to meet peaks in electricity demand. Any surplus can be sold, delivered straight into the grid.

"An energy storage unit is like a large power bank that gives the user considerable flexibility and can help generate income. We see that there is a fast-growing market in different kinds of properties, and also for charging stations for electric vehicles both in industry and in society. Our cooperation with Volvo Buses will provide a valuable contribution to development of the infrastructure that needs to be built up," comments Rasmus Bergström.



Batteryloop and Volvo Buses have already previously been involved in a [joint project](#) with Stena Fastigheter, whereby bus batteries are used as energy storage units to provide electricity to the Fyrklövern residential area in Gothenburg. The electricity that is stored in these units comes from solar panels fitted to the apartment buildings' rooftops.

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*For further information, please contact:*

*Joakim Kenndal, Head of Media Relations Volvo Buses, tel +46 739 02 51 50 or  
Jörgen Andersson, PR Manager, Stena Metall, tel +46 10 445 2217*

**For more information, please visit [volvogroup.com/electromobility](http://volvogroup.com/electromobility)**

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