

Hitachi ZeroCarbon

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11 December, 2024

Hitachi ZeroCarbon powers COBUS electric fleet with battery analytics

News

Hitachi ZeroCarbon, a leading provider of end-to-end solutions for decarbonising fleet vehicles, has today announced a strategic partnership with **COBUS Industries**, a global leader in airport mobility solutions.

The collaboration will see Hitachi equip 100 e.COBUS Extended Range (ER) buses worldwide, with its ZeroCarbon BatteryManager solution by 2025. This will analyse the health and performance of COBUS' EV battery assets, helping their customers to reduce total cost of ownership (TCO), extend battery life and increase residual value.

With this partnership, COBUS and their customers will be equipped with detailed data insights into each EV battery, minimising the risk of degradation, optimising route planning and enabling early intervention before a fault occurs. This includes proactive battery alerts which directly support

preventative issue management and contributes to a smooth, enjoyable passenger experience from airport to terminal.

With its **ZeroCarbon BatteryManager** solution, Hitachi provides COBUS and its customers with a complete picture of its global EV battery assets, supported by real-time monitoring, detailed reports and data-driven forecasting which enhances decision-making and operational planning.

Patricia Vasconcelos, CEO of COBUS Industries said: “The airport network has a net-zero roadmap just like any other industry, and we’re playing an important role in this by delivering sustainable mobility solutions. But electrifying our bus network is just the start of the passenger experience we want to provide. To keep our assets healthy and running efficiently for the long term, we need to understand how to manage our EV batteries to optimise routes and retain the value of our assets. With Hitachi ZeroCarbon, we have a globally scalable solution that is driving real business value.”

Ram Ramachander, CEO of Hitachi ZeroCarbon said: “When we discuss fleet electrification with managers and operators, many ask how EV batteries can cope with the demands of different operational environments. With COBUS, we are not only demonstrating how to effectively manage and retain the long term value of EV battery assets, but how these assets can perform in different locations and climates. We will gather and provide insights on how these assets can withstand a variety of conditions, from climate to terrain, to show how they can reduce operational risk and deliver robust fleet management.”

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