

P R E S S R E L E A S E

Pioneering partnership strives for net zero construction value chain

A pioneering partnership between Vattenfall IDNO, Volvo Construction Equipment (Volvo CE), SMT and Pascon has seen the organizations collaborating to build a net zero future by looking at their entire value chain and ensuring a low carbon footprint for the construction and installation of electric vehicle charging points at a Volvo Cars dealership at Shrewsbury, UK.



From left, Keith Irwin, Business Development Manager at Vattenfall Networks UK and Dan Arkell, Business Development Manager at Pascon

In a step towards fossil fuel free construction, the electrical infrastructure was installed using a Volvo [ECR25 Electric](#), a 2.5 tonne electric compact excavator from Volvo CE and supplied by [SMT](#), Volvo CE's exclusive distribution partner for Great Britain. Delivering the same strong performance as its diesel counterpart, this machine not only produces zero emissions, but thanks to its near silent operation and reduced vibrations, provides a much more comfortable work environment for everyone nearby.

[Electric machines](#) like the ECR25 Electric play a key role in the company's [ambitions](#) to achieve net zero greenhouse gas emissions by 2040.

[Vattenfall](#) the [Independent Distribution Network Operator](#) has been contracted by Independent Connection Provider [Pascon](#) to take ownership of the High Voltage cables from the grid connection point to the Low Voltage supply point for the electric vehicle charging points.

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Darren Fitch, Head of UK Sales Area at Volvo CE, says: “We believe in the power of partnership to accelerate our goals towards a carbon neutral future. A global transition to electric vehicles powered by renewable energy is fundamental to those ambitions, so it is great to see a more sustainable way of working in place right from the beginning: building the electric infrastructure we need with electric construction machines like our ECR25 Electric. It is clear that by working together with forward-thinking partners like Vattenfall and Pascon, we can build the world we want to live in, the right way.”



The ECR25 Electric hard at work.

Stewart Dawson, Managing Director at Vattenfall IDNO says: “Vattenfall work with our partners to reduce carbon emissions wherever possible, and we are delighted to be working with Volvo CE and Pascon on this innovative project. Partnerships like this are important to enable us to meet the climate challenge. By connecting Pascon with SMT, the suppliers of the electric digger, we have been able to reduce emissions from the installation of our cabling and the other on-site works.

“Electrification of transport is core to our strategy to power climate smarter living. As demand for electric vehicle charging grows, our strengthened, smart, electricity networks are going to be the thread that ties the whole plan for reaching net zero together.”

Dan Arkell, Business Development Manager at Pascon Utility Connections says: “At Pascon Utility Connections we are aware that the construction sector is responsible for approximately 25% of global greenhouse gases. As a company we are always looking for innovative opportunities to minimize any effect that our operations have on the environment, so we are excited to work with Volvo CE as they bring electric excavators into site work. The building and construction industry is notoriously slow to adapt to change and we all know the use of electric vehicles is one of the

many ways we can all move towards decarbonization. Pascon Utility Connections have a goal of working towards a net zero transition and we hope other companies also see the benefits of utilizing the emerging electric plant market.”

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Volvo Construction Equipment (Volvo CE) is a leading international manufacturer of premium construction equipment, and with over 14,000 employees, it is one of the largest companies in the industry. Volvo CE offers a wide range of products and services in more than 140 countries through its global distribution network. Volvo CE is part of the Volvo Group. The Volvo Group drives prosperity through transport and infrastructure solutions, offering trucks, buses, construction equipment, power solutions for marine and industrial applications, financing and services that increase our customers' uptime and productivity. Founded in 1927, the Volvo Group is committed to shaping the future landscape of sustainable transport and infrastructure solutions. The Volvo Group is headquartered in Gothenburg, Sweden, employs almost 100.000 people and serves customers in more than 190 markets. In 2021, net sales amounted to about SEK 372.2 billion (EUR 35.8 billion). Volvo shares are listed on Nasdaq Stockholm.
