

PRESS RELEASE

Home of Volvo Construction Equipment's pioneering articulated haulers advances to Climate Efficient Site

As one of the construction industry's most active drivers of sustainable transformation, Volvo Construction Equipment (Volvo CE) aims to inspire change by sharing steps in its decarbonization journey. Today, it announces that its Braås facility in Sweden is the first to achieve the company's new Climate Efficient Site certification, meeting stringent CO₂ reduction requirements set to ensure its production sites worldwide make tangible advancements towards Science Based Targets.



- Company-driven initiatives such as Volvo CE's Climate Efficient Site certification are an essential piece of the puzzle to help the global community come together to reach climate goals.
- Empowering climate-conscious leadership in each employee and collaborating closely with supply partners are keys to progress in Braås.
- Across all its own operations, Volvo CE aims to cut emissions by 50% by 2030*, as a step-goal towards reaching net zero greenhouse gas emissions in its value chain by 2040.

The Climate Efficient Site certification is the latest achievement for the Swedish [Volvo CE Braås](#) site, which, besides being recognized as the inventor of the articulated hauler in 1966 and long-standing world leader in the category, also boasts a strong history of leading in manufacturing sustainability. Braås was the [first in the construction industry to achieve a carbon neutral operation](#) back in 2014, leveraging renewable energy sources like a district heating system powered by 100% renewable biofuels and electricity from hydropower. In 2018, the site was declared landfill-free. Now, a new benchmark is being set.

A culture that keeps pushing boundaries

To fulfil Volvo CE's commitment to the Science Based Target initiative and overall sustainability strategy, the company is transforming across all parts of its business. This global internal certificate is designed to provide all production sites with a stretch goal to help the company meet its [Science Based Targets](#) commitments and covers all of scope 1 and 2, and scope 3 emissions that are within the site's ability to influence. The extensive requirements cover not only direct and indirect emissions to the site, emissions generated in the production of goods, services and fuels, but also energy and waste management.

Melker Jernberg, President of Volvo CE, said: "Our commitment to drive the decarbonization of construction remains firm which is why we constantly push ourselves to set new benchmarks for sustainability beyond the industry status quo. We believe in leading by example with concrete action, starting with ourselves. The employees at Braås keep demonstrating what can be achieved with clear targets and a culture of learning and involvement, where everyone is enabled and encouraged to make meaningful contributions."

Many small streams make less emissions

The main groundwork in Braås was a comprehensive inventory of all carbon emissions connected to site activities across its approximately 60,000 square meters of manufacturing buildings and offices. This mapping helped its nearly 1,000 employees to actively engage in targeted continuous improvements throughout manufacturing, energy systems, materials handling, product testing, waste management, and transport and distribution.

Lisa Krondahl, Environment Engineer at Volvo CE in Braås, said: "Change is possible when people are dedicated to continuously seek improvements and act on them, and here people really want to make a difference. In 2023, we aimed for 40 environmental and energy improvements – our teams topped 120. This year, we set the target to find 100 more ways to improve, and to date over 140 have been implemented. Sustainability is embedded in our teams, our processes and the way we operate, and it guides our decision making."



Photo: Lisa Krondahl, Environment Engineer and Mattias Hermander, Energy Expert at Volvo CE Braås.

The Braås site has been running on renewable energy for many years, but the certification requirements helped discover new ways to level up its energy management.

Mattias Hermander, Energy Expert at Braås said: “It’s important to continue working to reduce and optimize the energy systems, to enable the renewable energy to be used in the best way. An energy-efficient industry is an investment in a better society, taking responsibility for our resources now and in the future.”

Other initiatives to reduce emissions at the site include:

- Using only biofuels (HVO 100) for machines produced and used at the site
- Collaborating with suppliers and contractors to improve work practises and inbound logistics
- Enhanced waste management, focusing on waste reduction, sorting, and removal, as well as reusing and recycling
- Improved quality of wastewater to allow the sludge to be used as fertilizer after treatment
- Enhanced paint process, for example using abatement technology
- Installing electric charging points and promoting ride-share programs to help employees commute and travel more sustainably.



Photo: As part of the waste sorting improvements in Braås, assembly operators Tilde Falk and Thilde Sving have together with their peers sorted over 4 tons of plastic band waste so far this year

The sustainability advancements at Braås have progressed alongside [expansion at the site](#) to accelerate the phased shift to electromobility for articulated haulers. This is part of Volvo CE’s major global investment strategy [to transform its facilities for electrification](#).

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Volvo Construction Equipment (Volvo CE) is a global leader in construction solutions, delivering premium products and services that combine power and performance with a more sustainable way of working. We are a company driven by people and together we have a purpose: To build the world we want to live in. Founded in 1832 and with a distribution network across every major market, our many dedicated experts around the world are fulfilling our shared purpose through a focus on sustainability, electromobility and services. As well as our expanding range of electric machines and charging solutions, Volvo CE provides industry-leading haulers, loaders, excavators and much more, all built to suit the demands of our customers' varied construction and infrastructure needs. Volvo CE benefits from being connected to the Volvo Group, which also offers trucks, buses, power solutions for marine and industrial applications, financing and services that increase our customers' uptime and productivity. Through its holistic perspective, Volvo Group is committed to shaping the future landscape of sustainable transport and infrastructure solutions. For further company information and to explore our values further please visit www.volvoce.com