



Prevas helping to climate-neutralize reinforcing steel production in Norway. New order for optimization software.

As a step on the road to more climate-neutral, reinforcing steel manufacturing, Prevas has been entrusted with supplying the latest generation of optimization software FOCS G7 to Celsa Armeringsstål Steel AS. The delivery is divided into two stages, with final delivery by 2025.

Celsa Armeringsstål AS, part of Celsa Nordic, is one of Norway's largest recycling companies and has a strong environmental and sustainability profile. One of the building blocks of the company's work with sustainability is further development of its circular and 100% waste-based value chain. Their smelters are based on EAF technology (Electric Arc Furnace) that uses hydropower as a source of energy. As a step in its work with sustainability, the company is investing in a new hot rolling furnace where electrically produced green hydrogen will, among other things, replace natural gas as fuel. The furnace is expected to be in place by 2024–2025 and will be the first hot rolling furnace to use hydrogen gas as the sole source of energy.

Prevas will be delivering the FOCS G7 software that enables the use of hydrogen gas as fuel. Prevas' solution also optimizes heat consumption in the furnace and thus provides more stable production with improved quality as well as savings in fuel and energy as a result.

As a first step, Prevas will install the software on the existing furnace in 2023, which is crucial for the model to be able to learn the current fuel mix and the product mix passing through the hot rolling furnace. During this model training phase, the solution is expected to lower consumption and provide environmental benefits and more stable production while awaiting delivery of the new furnace.

“Being involved in developing the fossil-free steel manufacturing of the future is important and feels very stimulating,” says Per Åhman, Senior Expert, Furnace Control. “We are seeing increased interest from our customers in upgrading their fossil fuel-fired furnaces to fossil-free alternatives. This is an area where we see that Prevas can help.”

Prevas' FOCS product family includes automatic control systems that are market leading in furnace control. For [more information about FOCS](#), please visit our website.

Prevas | Hello Possibility.

For more information, contact

Peter Karlsson, Business Unit Manager, Automation, Prevas AB, Cell: +46 70 399 00 01, Email: peter.karlsson@prevas.se

Per Åhman, Senior Expert Furnace Control, Prevas AB, Cell: +46 76 146 31 50, Email: per.ahman@prevas.se

About Prevas

Prevas is a development hub with ingenuity at its core. With high technical expertise and deep business understanding, we help customers from a wide variety of industries to benefit through continuous technological innovation. Good for people, the planet and profits. Prevas was established in 1985 and currently employs 850 people in Sweden, Denmark and Norway. Prevas has been listed on NASDAQ Stockholm since 1998. For more information about Prevas, go to www.prevas.se.

About Celsa Nordic

Celsa Armeringsstål AS is part of the Celsa Nordic group.

Celsa Nordic consists of the waste recycler Celsa Nordic Recycling, the steel and rolling mill Celsa Armeringsstål and the service centers for Celsa Steel Service in Norway, Sweden, Finland and Denmark. Their reinforcing steel has well under half the CO2 emissions from production compared to average European reinforcing steel production. By 2030, Celsa Nordic aims to reduce its CO2 emissions by 50%, reduce local emissions by 50%, achieve zero waste across the value chain and reduce CO emissions from transport by 50%. For more information about Celsa Nordic, go to www.celsanordic.com.