

SSAB to supply steel for the world's first fossil-free dam gate

SSAB has signed an agreement with Vattenfall to deliver 120 tonnes of fossil-free steel for what will become the world's first and largest dam gate manufactured with near-zero fossil carbon dioxide emissions in the ironmaking process.

The steel structure, measuring 21 meters wide and 11 meters high, will serve as a tangible example of how SSAB's fossil-free steel can be used in large-scale infrastructure projects. The steel is a pilot delivery based on fossil-free sponge iron – a groundbreaking technology developed jointly by SSAB, Vattenfall, and LKAB through the HYBRIT initiative.

"This is an important step in our shared commitment to reducing carbon emissions. With forward-thinking partners like Vattenfall, we continue to lead the transformation of the steel industry. Our successful collaboration through HYBRIT now demonstrates what we can achieve to reduce the climate footprint across the entire value chain," says **Thomas Hörnfeldt**, Vice President Sustainability at SSAB.

The order marks a deepened collaboration between SSAB and Vattenfall in the transition to fossil-free solutions.

"Vattenfall and SSAB are now taking a major leap forward in developing fossil-free value chains and components. Vattenfall is working purposefully toward fossil freedom, with the goal of achieving net-zero emissions across our entire value chain by 2040. This project also plays a key role in extending the lifespan of vital fossil-free hydropower for the next hundred years," says **Lovisa Fricot Norén**, CEO of Vattenfall's Nordic hydro power operations.

SSAB's fossil-free steel is a proof-of-concept for the emission-free materials of the future, demonstrating that it is possible to manufacture large, complex components with a radically reduced climate footprint.

For further information, please contact:

Charlotte Lindevall, Head of External Communications, charlotte.lindevall@ssab.com, phone: +46 703 44 59 73

SSAB is a Nordic and US-based steel company that builds a stronger, lighter and more sustainable world through value added steel products and services. Working with our partners, SSAB has developed SSAB Fossil-free™ steel and plans to reinvent the value chain from the mine to the end customer, largely eliminating carbon dioxide emissions from our own operations. SSAB Zero™, a largely carbon emission-free steel based on recycled steel, further strengthens SSAB's leadership position and our comprehensive, sustainable offering independent of the raw material. SSAB has employees in over 50 countries and production facilities in Sweden, Finland and the US. SSAB is listed on Nasdaq Stockholm and has a secondary listing on Nasdaq Helsinki. Join us on our journey! www.ssab.com, [Facebook](#), [Instagram](#), [LinkedIn](#), [X](#) and [YouTube](#).