

Innovasea Partners with Grieg Seafood Newfoundland to Lead New Fish Welfare and Sustainability Project for Canada's Ocean Supercluster

Innovasea, a global leader in technologically advanced aquatic solutions for aquaculture and fish tracking, announced today a new project – the Enhanced Aquaculture Technology for Marine Health Project – sponsored by Canada's Ocean Supercluster (OSC), and conducted in partnership with Grieg Seafood Newfoundland.

The three-year, CAD \$6M initiative aimed at improving fish welfare, boosting sustainability and optimizing production through innovative solutions, will outfit six Grieg sites with a suite of Innovasea's advanced precision aquaculture technology, software and equipment.

As part of the project Grieg will install Innovasea's fully automated aeration system, [aquaControl](#), along with [Oxygen Forecasts](#) – a new feature that predicts low dissolved oxygen (DO) events for individual pens 48 hours before they occur.

Real-time information from these systems will be available in the [Realfish Pro Platform](#), enabling Grieg to remotely track, analyze and act on data 24/7. They can even automate various actions to counteract poor water conditions and promote overall fish health and growth.

"Our technology is designed to enable farms to make smarter, faster decisions through real-time monitoring and predictive insights," said Tim Stone, Innovasea Vice President. "We want farms to be able to anticipate issues and respond automatically to address them before they occur."

This is the second joint initiative between Innovasea and Grieg under the OSC. Previously, the two sides collaborated on a comprehensive project to better connect land, sea, and processing operations in aquaculture through real-time data and analytics. As part of the project, Innovasea installed aquaMeasure environmental sensors at Grieg's Red Island farm site in Newfoundland to accurately monitor and capture changing water conditions in real-time. Following the initiative's success, Grieg moved to use Innovasea's aquaMeasure sensors at multiple sites.

"At Grieg Seafood, our values – open, ambitious, and caring – guide everything we do. Thanks to our partners, and the support of Canada's Ocean Supercluster, we're putting our values into action to enhance fish welfare, create learning opportunities for our employees, and contribute valuable information to help support a sustainable aquaculture industry needed for the world's food security," noted Laura Dwyer, R&D Manager, Grieg Seafood Newfoundland.

The new project was announced at the OSC's Ambition 2035 [Summit](#), and is part of the ocean community's ongoing mission to grow Canada's ocean economy 5X to \$220 billion by 2035.

"Sustainable aquaculture is an important economic area of growth globally that contributes to climate action priorities and commitments under the United Nations Sustainable Development Goals," added Kendra MacDonald, CEO, Canada's Ocean Supercluster. "By co-investing in innovative technologies that improve fish health, we're enhancing operational efficiency, creating new revenue streams, contributing to our own food security, and helping feed the world."

The Enhanced Aquaculture Technology for Marine Health Project will run through October 2027, with the first set of equipment set to be installed later this year.

About Innovasea

Fueled by leading-edge technology and a passion for research and development, Innovasea is revolutionizing aquaculture and advancing the science of fish tracking to make our oceans and freshwater ecosystems sustainable for future generations. With more than 275 employees worldwide, we provide full end-to-end solutions for fish farming and aquatic species research – including quality equipment that's efficient and built to last, expert consulting services, and innovative platforms and products that deliver unrivaled data, information, and insights.

Learn more at [Innovasea.com](https://innovasea.com) and follow us [LinkedIn](#), [Bluesky](#) and [X](#).

About Grieg Seafood

[Grieg Seafood](#) is one of the world's leading salmon farming companies with farms in Finnmark and Rogaland in Norway, and British Columbia as well as Newfoundland in Canada. Our headquarters is located in Bergen, Norway. More than 1,000 people work in the company throughout our regions. Sustainable farming practices are the foundation of our operations. The lowest possible environmental impact and the best possible fish welfare is both an ethical responsibility and drive economic profitability.

About Canada's Ocean Supercluster

[Canada's Ocean Supercluster](#) accelerates the development and commercialization of made-in-Canada ocean solutions in energy transition, food security, future of transport, and climate change while also growing more companies, creating more jobs, and attracting ocean talent. As Canada's national ocean cluster, the OSC is a convenor of members, partners, and networks and a catalyst for transformative growth that helps build the robust ecosystem needed to help realize Ambition 2035 – a 5X growth potential in ocean in Canada by 2035. To date, the OSC has approved more than 120 projects valued at more than \$500 million, which will deliver more than 300 new made-in-Canada ocean products, processes, and services to sell to the world.

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