

Land Based Recirculation Aquaculture System (RAS).

CodeIT to have key role in USD 2 billion seafood investment.



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The municipality of Sotenäs in Sweden and the Norwegian company Lighthouse Finance have agreed on an investment that will generate approximately 2,000 new jobs in the municipality. The objective is to create a new 75-hectare industrial area, where Europe's largest land-based fish farm will be built by Quality Salmon AB. The project has a total worth of SEK 17-20 billion.

Quality Salmon will implement CodeIT eMRB® as a supplier and customer portal to gather and present data for the whole industry park. CodeIT eMRB® is one of two core Industry 4.0 services developed by the CodeIT Group.

CodeIT eMRB® will be linked to and have data exchange with ERP and MES systems installed in the different legal entries being part of the industry park. The goal is automatic synchronization of documents and data including traceability and fulfillment of legal authority's rules and regulations. Fulfillment of industrial standards like ISO, HACCP, FDA etc., shall also be part of the CodeIT eMRB® deliverables.

CodeIT eMRB® shall be a flexible toolbox for additional functionality for handling of data and documentation based on a functional specification from Quality Salmon. The CodeIT eMRB® solution will greatly reduce Quality Salmons time and resource use for managing legal documentation, records, site architecture and production information.

Quality Salmon will use their extensive experience together with the CodeIT Group to further enhance CodeIT eMRB® services for a global market in the field of largescale land-based seafood farming.

The Sotenäs site will have Europe's largest and most modern land-based fish farming facility with a production capacity of up to 100,000 tonnes of Atlantic salmon per year, for sale on the international market. A land-based cultivation entails having a limited environmental impact and a circular management, which is in line with Sotenäs municipality's long-term strategy. There will be minimal water and energy use without emissions to the sea through a closed system. The facility will use the latest and most advanced RAS (Recirculating Aquaculture System) solutions in the world for sustainable and smart fish production.

The development of CodeIT eMRB® has been supported by the EU's Horizon 2020 program. H2020 is the biggest EU Research and Innovation program with nearly Euro 80 billion funding over 7 years (2014 to 2020). CodeIT was awarded the support in razor-sharp competition against 361 top European companies in one of the Horizon 2020 calls for ICT SME's.

Leverage your data to generate value and drive growth.

- with CodeIT Connected Industry Solutions.

Code IT® eMRB® is a state-of-the-art total solution for superior, fast, and effective documentation traceability. It is an ingenious, fully scalable, cloud-based solution that automatically validates and links all fabrication and production documentation digitally. It is used primarily by companies in Energy, Engineering, Aquaculture, and Industry sectors.

Code IT® Enterprise is a state-of-the-art total solution to enhance production and increase business performance at companies primarily in the Food, Fish, Wood, and Industry sectors. It is used by leading companies around the world, connecting almost 50,000 devices on over 2,000 production lines so far.

The CodeIT Group has offices in Norway, Sweden, and Vietnam with some very ingenious people. With traceability always at the core, CodeIT develops and delivers better ways to leverage data in production, to solve customers' problems and generate value and drive growth. CodeIT is trusted and relied on by forward thinking companies around the world.

For more information:

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