

BIG AKWA AB (publ)

info@bigakwa.com

FOUNDED: 2020

INDUSTRY: FMCG, Food-tech

NUMBER OF EMPLOYEES:

Pre-license: 4 +

Post-license: 35 +

MANAGEMENT

Chairman: Mats Lundqvist

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CEO: Elena Petukhovskaya

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VP: Hugo Wikström

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SHAREHOLDERS

Elena Petukhovskaya 40%

Hugo Wikström 40%

Almi Invest 10%

Sparbanksstiftelsen 4%

Others 6%

FINANCIAL SOUGHT

Phase 1: Technology verification

2020-2022

Capital raised: 1.3 MEUR

Phase 2: Pre-construction

2023-2024 Budget: 2.8 MEUR

Capital raised: 1 MEUR

15% grants, 30% loans, 55% equity

Phase 3: Construction 6 000 tons

per year farm 2025-2026

Phase 4: First sales and new project

launch 2027+

Budget: 94 MEUR

(CAPEX 80 MEUR and OPEX 14 MEUR)

Export credit 10-15%

Loans 45-50%

Equity 35-40%

Grants 10-15%

Big Akwa is a Swedish food-tech company revolutionizing land-based aquaculture through industrial symbiosis. We develop circular aquaculture projects by using waste streams from fish farming and nearby industries. Our focus is on locally produced, fairly priced, and sustainable fish – an innovative concept that benefits both people and the planet.

Industrial symbiosis increases aquaculture production. Our solution introduces an efficient circular approach to the fish production based on industrial symbiosis. Low temperature waste heat from the process industry is used to warm up fish farm water, ensuring faster fish growth and lower energy usage. The waste water from the fish farm is converted into a resource for the industry too. The usage of new technology, sharing resources and infrastructure presents a novel opportunity to improve the environmental footprint of the fish farm, and with decreased capital investments reduces production costs up to 20%. Sustainable fish can be farmed in a closed loop with no nutrients released in the nature.

A sustainable business model. To realize the enormous potential of combining aquaculture with an industrial partner, Big Akwa, a food industry expert, invites investors to the project. Construction is taking place in the northern part of Sweden. The farm will share resources and infrastructure (energy, oxygen, logistics, water) with a green hydrogen plant operated by RES Nordics (RES is the world's largest independent renewable energy company). Upon environmental permit completion by 2025 the rainbow trout RAS farm with annual capacity of 6000 tons is paired to the hydrogen plant, increasing the national aquaculture production by 20%.

Elena Petukhovskaya
CEO

25 years FMCG industry experience with leadership in Sales, Purchasing, Production & Product Development

Hugo Wikström
VP

Multiple startups founder. Three decades of innovation and growing businesses experience. Food-tech industry expert.

Evalena Blomqvist
CSO

Sustainability expert and strategist. 25+ years of circular economy development experience. PhD in the sustainability field.

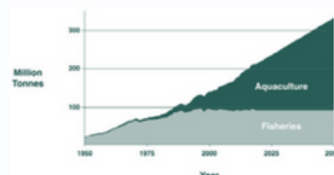
Daniel Brännström
CTO

With 15+ years in food-tech and aquaponics, led preconstruction and construction phases of large-scale food production projects

Market: The world is likely to eat twice as much fish and aquatic foods by 2050. Demand for seafood from a growing world population will be accomplished mainly through aquaculture expansion. Yet, more than half of the countries are not nutritionally self-sufficient.

Right in time: Projecting the shifts in the seafood consumption, efforts should be taken to improve aquatic food production, so that supply can match the demand. Big Akwa's concept to produce fish, based on industrial symbiosis, lays right in time, benefiting both the environment and the economy. The technology is scalable and could be used anywhere the process industry is, creating growth in the local community and supporting the green transition.

Seafood market forecast



Go-to-market Strategy:

Phase 1: 2020-2022 Technology verification.

Phase 2: 2023-2024 Pre-construction.

Phase 3: 2025-2026 Construction. 6000 tons rainbow trout RAS farm.

Phase 4: 2027 + Production launch. New project under construction.

By 2027 we aim to reach the capacity of 6 000 tons per year in our first rainbow trout farm. To succeed, ongoing pre-construction work is focused on financial, jurisdictional and technological issues

Committed to a sustainable future: Our vision is to become an international seafood producer recognized as a leader when it comes to circular and competitive seafood production, transforming aquaculture through industrial symbioses to drive efficiency, minimize waste and maximize profitability.