

Bringing a Disruptive Technology to Growing Markets

With the vision of providing sustainable solutions addressing the global food crisis, AquiNovo develops innovative feed additives for farmed fish to meet the ever-growing demand for fish protein. The developed products are proprietary, non-GMO, non-hormonal, targeted, bioactive peptides that ***significantly improves both fish growth and feed utilization***. Thus, enabling fish farms (end consumers) to ***produce more fish biomass with less feed***. Since feed is the main cost element of a fish farm AquiNovo's solution offer farmers a ***significant profit increase*** thanks to higher fish yield and revenues at a lower cost.

AquiNovo will sell its products to feed producers who will incorporate it into their feed and sell the premium feed to fish farms through their established marketing channels.

The technology was ***proven in tilapia in mid- and large-scale studies*** (conducted in Israel and Asia) and can be applicable to all farmed fish species. Thus, tapping a 45 million tonne of fish and shrimp species, valued at USD 171 billion (farm gate, 2018) and fed with over 52 million tonne of commercial feed.

To secure a cost-benefit peptide production, the company has licensed and further developed a unique, extremely efficient, scalable peptide production system that significantly reduce commercial scale production cost. The company is planning to collaborate with peptide manufacturing entities in the pharmaceutical and cosmetic industries for the efficient production of peptides in these industries.

AquiNovo's most advanced product under development targets tilapia, the second largest farmed fish consumed by humans, now undergoing regulatory studies and scale up of the commercial production system. Future products are planned to target salmon, carp, shrimps and grouper.

AquiNovo partnered with Archer Daniels Midland (NYSE: ADM), the world's largest agricultural processors and food ingredient providers, focused on the tilapia product, including an investment in the company.

Beyond the immense business opportunity, AquiNovo's technology has a clear positive social and environmental impact. Thanks to the sustainable yield and profit increase, AquiNovo's technology can promote achievement of several Sustainable Development Goals (SGD's) including preserving fish population in the sea (SDG 14), providing food and job security and thus reducing hunger and poverty (SGD's 1 and 2), reducing farm carbon footprint since feed is the farm main emitter (climate action SDG 13) and responsible production (SDG 12).

At a Glance

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[IP:](#) Patent applications filed worldwide

Investors

- The Trendlines Group
- Archer Daniels Midland
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