

Data driven and smarter decisions

Radically better fish farming



 **Aquabyte**[®]

We enable fish farmers to make smarter decisions that meet the world's growing demand for sustainable protein



About Aquabyte

Offices in USA, Norway, and Chile

We enable better decisions at the intersection of fish welfare, machine learning, and engineering innovation.

Aquaculture AI

Webinar om automatisk lusetelling
- metode, krav og bruk av ny teknologi

WEBINAR

- fra GreenFloor, Media City Bergen 27. januar



GRATIS!

Moderator:
Björgólfur Hóvarðsson
NCE Seafood Innovation Cluster

Foredragsholder	Sjelling, firma
Kristian Henriksen	Manager, NCE Aquatech
Svenn Erik Edal	Partner, Deloitte
Bryton Shaag	CEO, Aquabyte
Elsa Marie Djupedal	Seniorrådgiver, Mattilaynet
Alf Geran Knutsen	Kvarøy Fiskeoppdrett
Bjørn Gilbønd	Fiskehelseansvarlig, Sinkaberg Hansen
Trude Olafsen	Driftsjef, Atlantis Subsea Farming
Nikolaos Kallias	Produksjonssjef, Aquabyte



Program / meld på →



Amazon-sjef Werner Vøgelis med Aquabyte-gründer Bryton Shang. Foto: Aquabyte

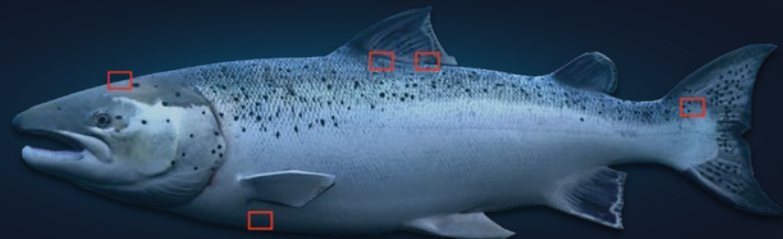
Her er Amazon-sjefen på oppdrettsanlegget utenfor Bergen

Lager tv-program om oppstartsbedrift i Bergen.

We created AQUABYTE to help farmers easily transition to digital transformation

We coupled a smart camera system with a machine learning platform to help fish farmers optimize yield and profit.

Enabling automatic lice counting, labor savings, less stress of fish, better welfare scoring and biomasse control.



“Could we really imagine going back to do it 'the old way'?”

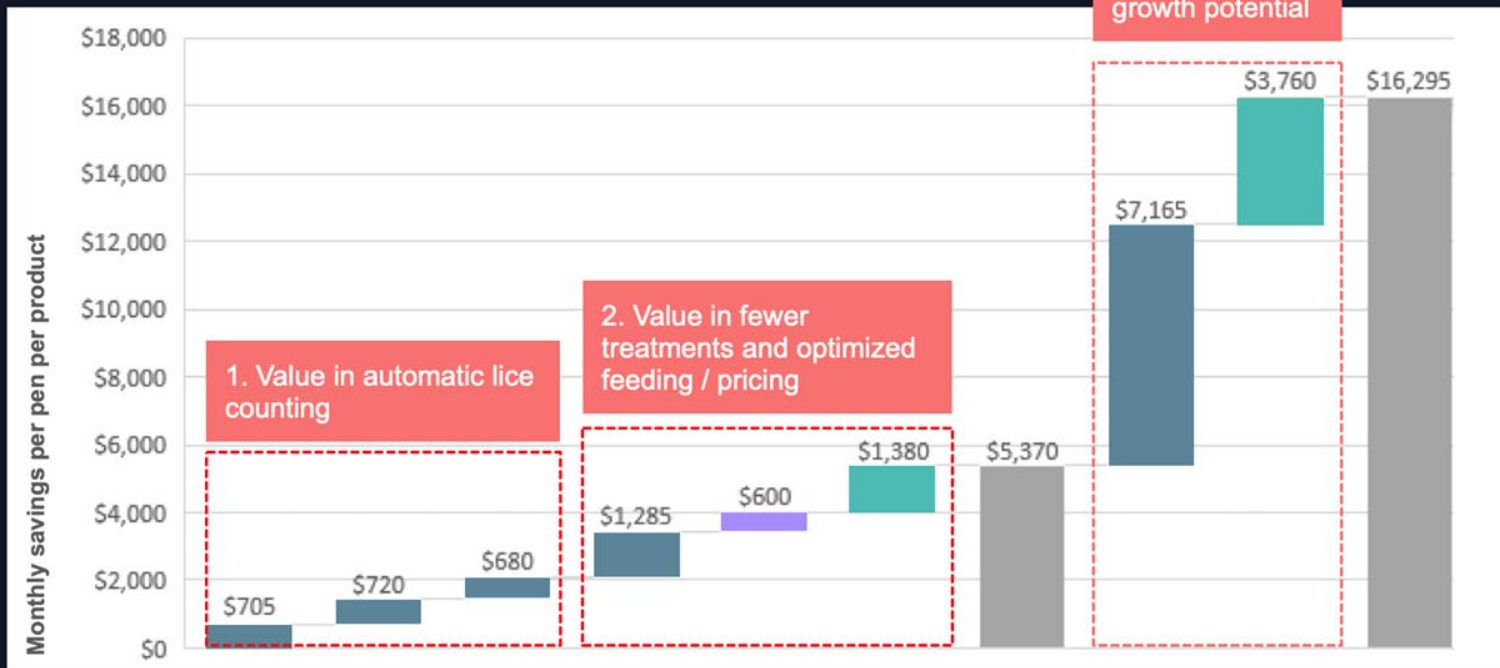
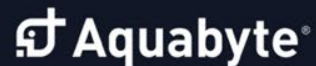
OPTIMIZE production and revenue

A smart camera and 'All-In-One' platform that optimizes production and increases profit. Easy to use, gathering information about fish performance, welfare, and the environment.



Aquabyte's Product Delivers Huge Economic Efficiencies

By Driving Core Farmer Decision Making
- Minimum Value \$16k / mo / pen



Lice & Welfare

Growth & Feeding

Sales & Harvest

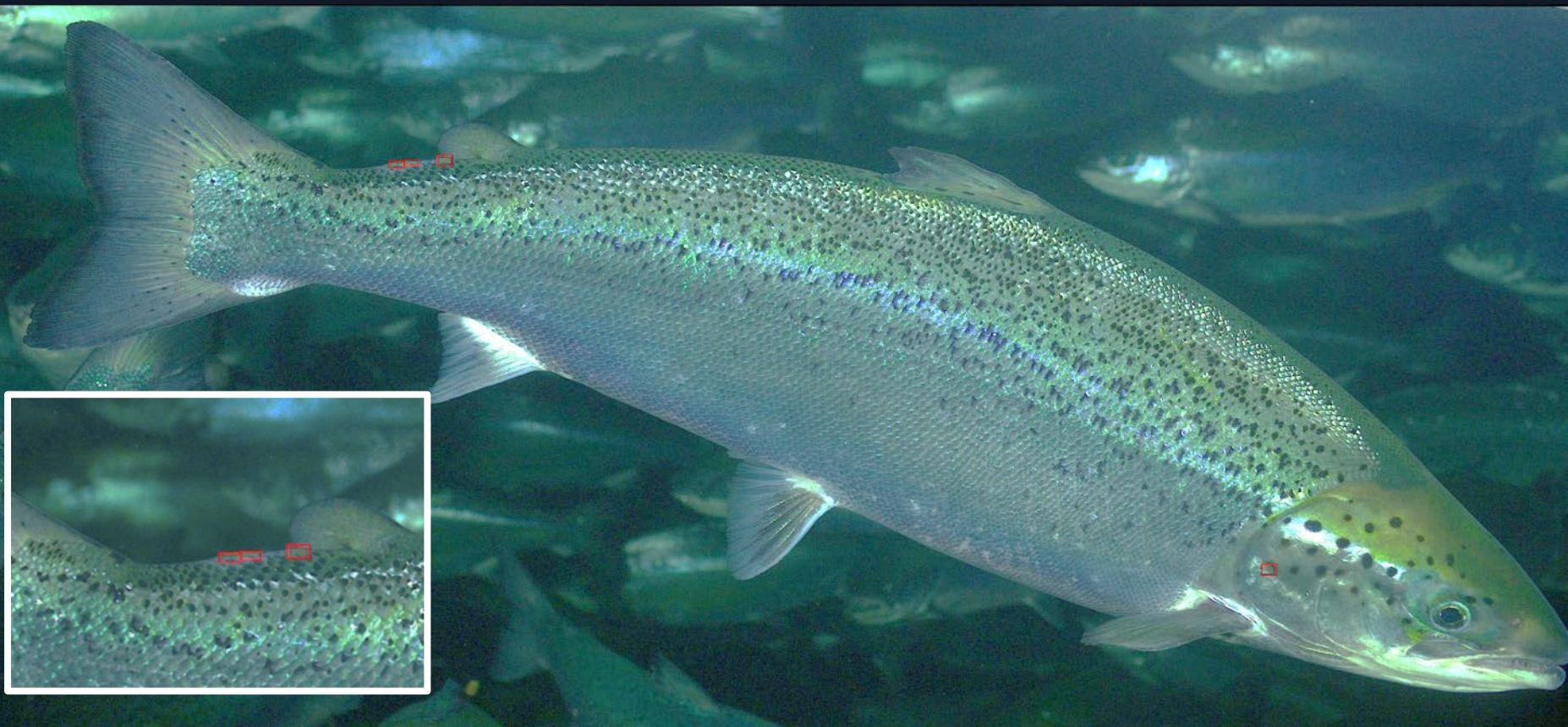
With ML, we have processed **300M** images of individual fish.
Before Aquabyte, this would have taken 250 years.

Smart algorithms enable accurate average measurements, delivering data every day to customers

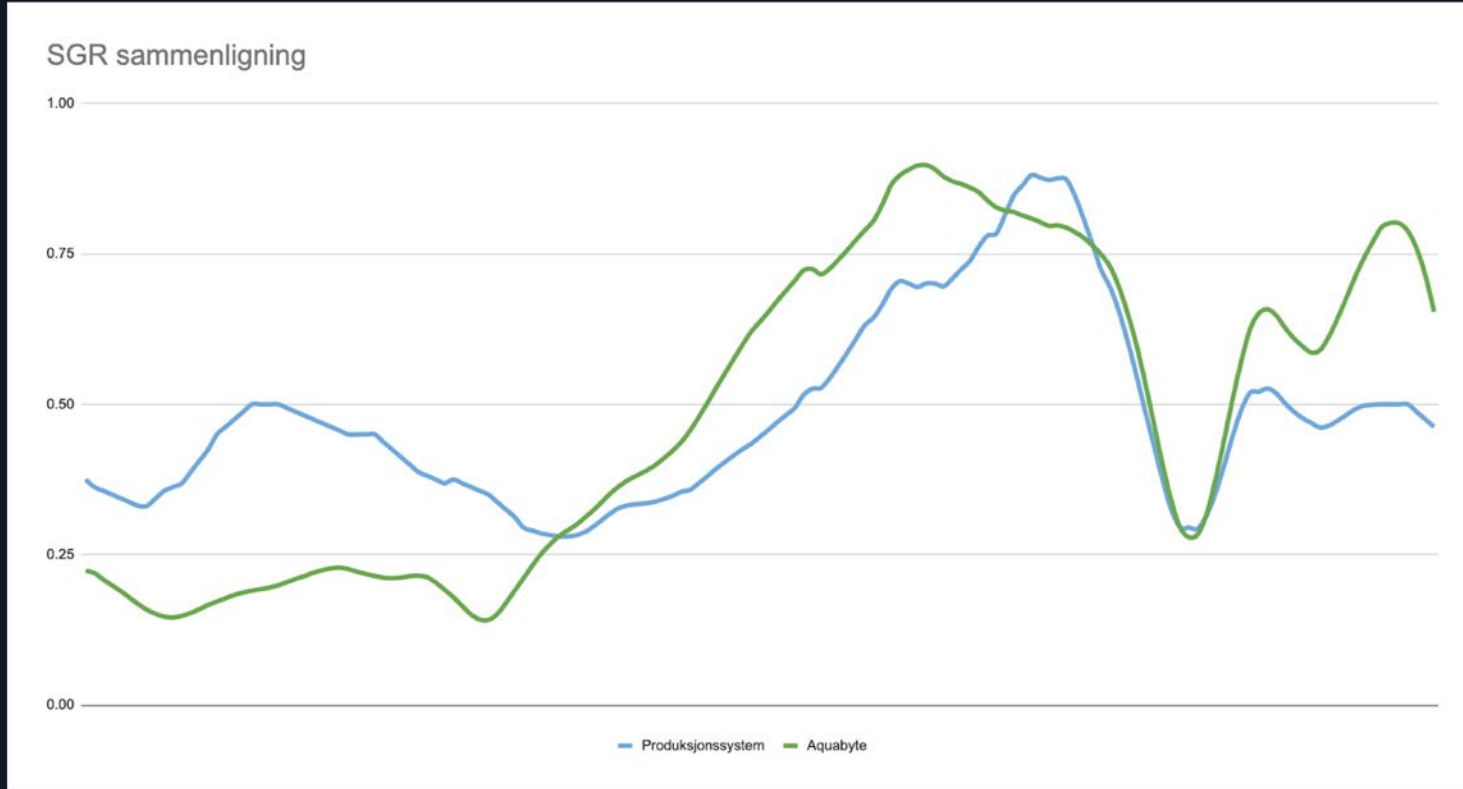
- Accurate biomass weights
- Accurate lice type and stage detection

Yes, we *can* be the single system in the pen to monitor everything about the fish

What the algorithms “see”



Feed with the **True Growth Rate**



Lice Counting Case Study

Analyze and evaluate treatments & scenarios

- High lice pressure on pens 1-3, but low lice pressure on pens 4-5.
- Pens 4-5 have been infected and lice pressure increases.
- Pens 4-5 reach same high lice pressure as pens 1-3.
- Treatment on all 5 pens, but lice pressure remains high.



HEALTHY fish FASTER at LOWER cost

- Better welfare
- Higher efficiency and sustainability
- Better biomass control
- Labor savings



Knowing what was previously unknown and taking relevant, critical action
= better sustainability, efficiency, and health



Thank you

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