

Welcome to our seminar!

SEMINAR AT AQUA NOR

**ENABLING TECHNOLOGIES
AND CHALLENGES IN
LAND-BASED FISH
FARMING**

22. August

11:00 - 12:30

Place:
Meeting room
Dronning Maud at Aqua Nor

MOREFISH



The market of landbased fishfarming

- Large global production for salmon smolt (150.000t)
- Many projects of growout – not so many in operation
- New species emerges as technology is improved
- Challenges occur as production increase





Source: www.landbasedaq.no



Salmon projects in line

- 63 projects
- Approximately 1.500.000 tonn capacity

- 23 farms in operation
- Capacity of 50.000 t at maximum production

- How many will succeed?





www.bluemountainchar.no



www.stoltseafarm.com



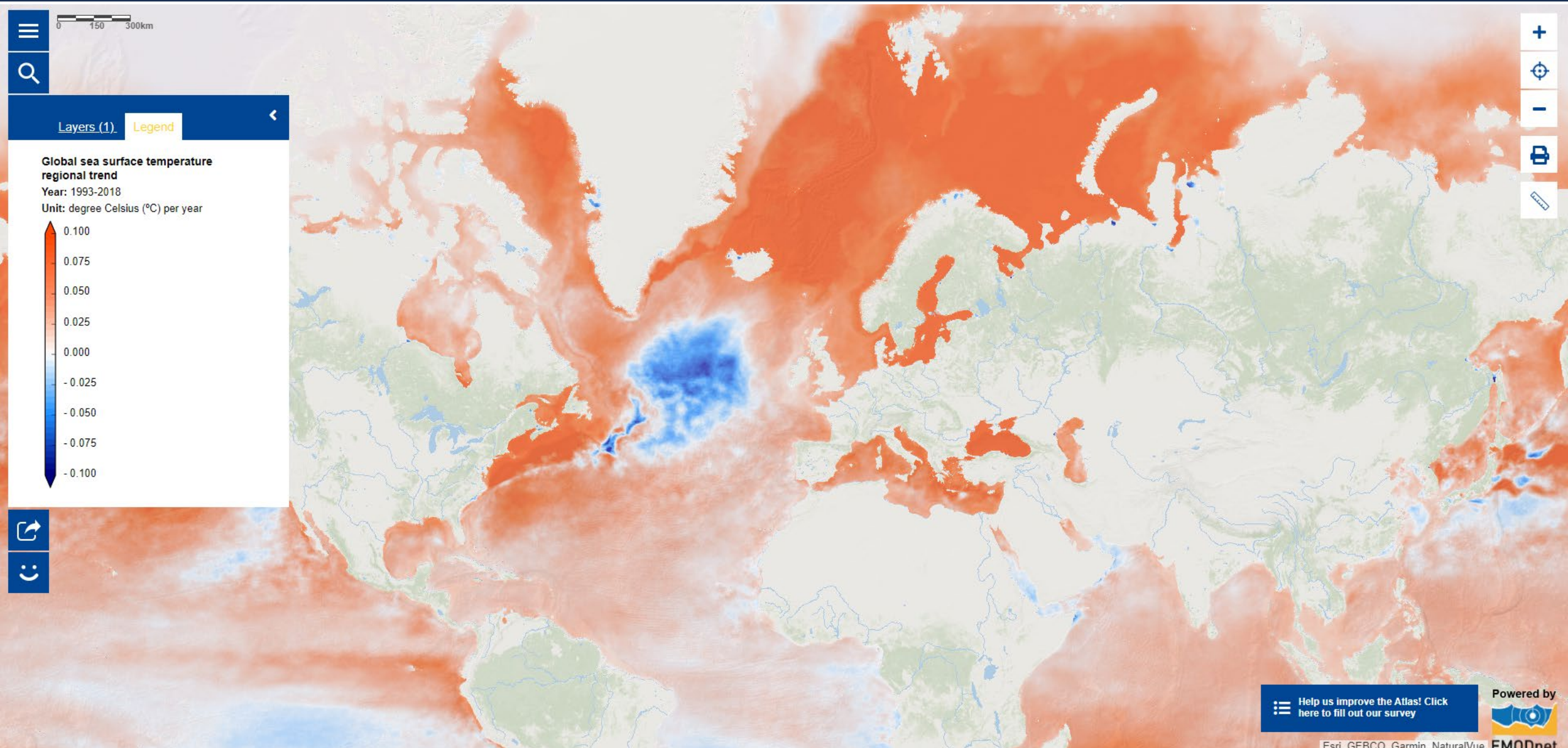
www.samuelseafood.com

The challenges

- Finance
- Water consumption
- NGO's
- Geosmine
- Water Quality
- Particles
- Available land
- Discharge (Nitrogen and phosphorus)

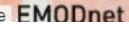


- Check our upcoming Risk-conference in november



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Today's agenda:

Kenneth Glomset, Linde: Linde's latest learnings in scaling up land-based fish tanks.

Paul Brooks, Reel Data: Improved biomass control and reduced spill feed using AI.

Bram Rohaan, Kingfish Zeeland: Growing yellowtail kingfish in salt water RAS: the story so far.

Claudio Ferro, AFRY Suisse: Wastewater from land-based fish farms: lessons learned from Switzerland and Europe.

Joao Rabaca / Paulo Frias, Building Global Innovations: Portugal expects growth in aquaculture production – market, resources and legislations.

