

The logo for Lerøy, featuring the word "LERØY" in white capital letters on a dark blue background with a white swoosh underneath.

LERØY

Ocean Forest

– an Ocean of sustainable aquaculture

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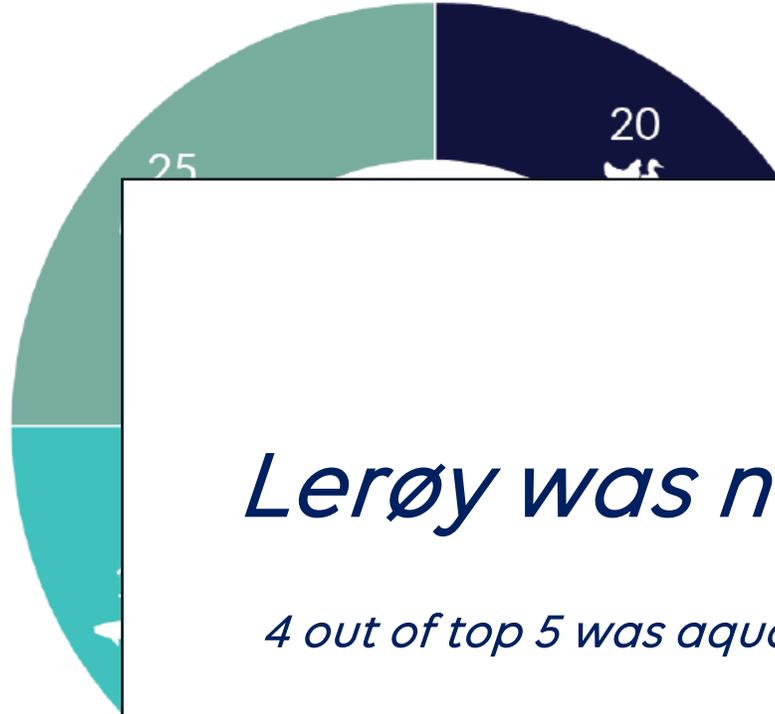
The Collier FAIRR Protein Producer Index

\$10 tr

In combined investor support

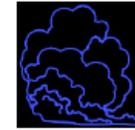
180

Number of institutional investors



LerøY was no 1 in 2018!

4 out of top 5 was aquaculture companies.



Greenhouse



Deforestation & biodiversity loss



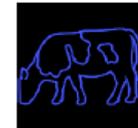
Water scarcity and use



Waste & pollution



Working conditions



Animal welfare



Sustainable proteins



Collier FAIRR developed 22 key performance indicators (KPIs) for the sustainability risks to broadly assess corporate policy, disclosure and performance.

Biomass equal 20.000 cow's from this site per year....





3 focus areas

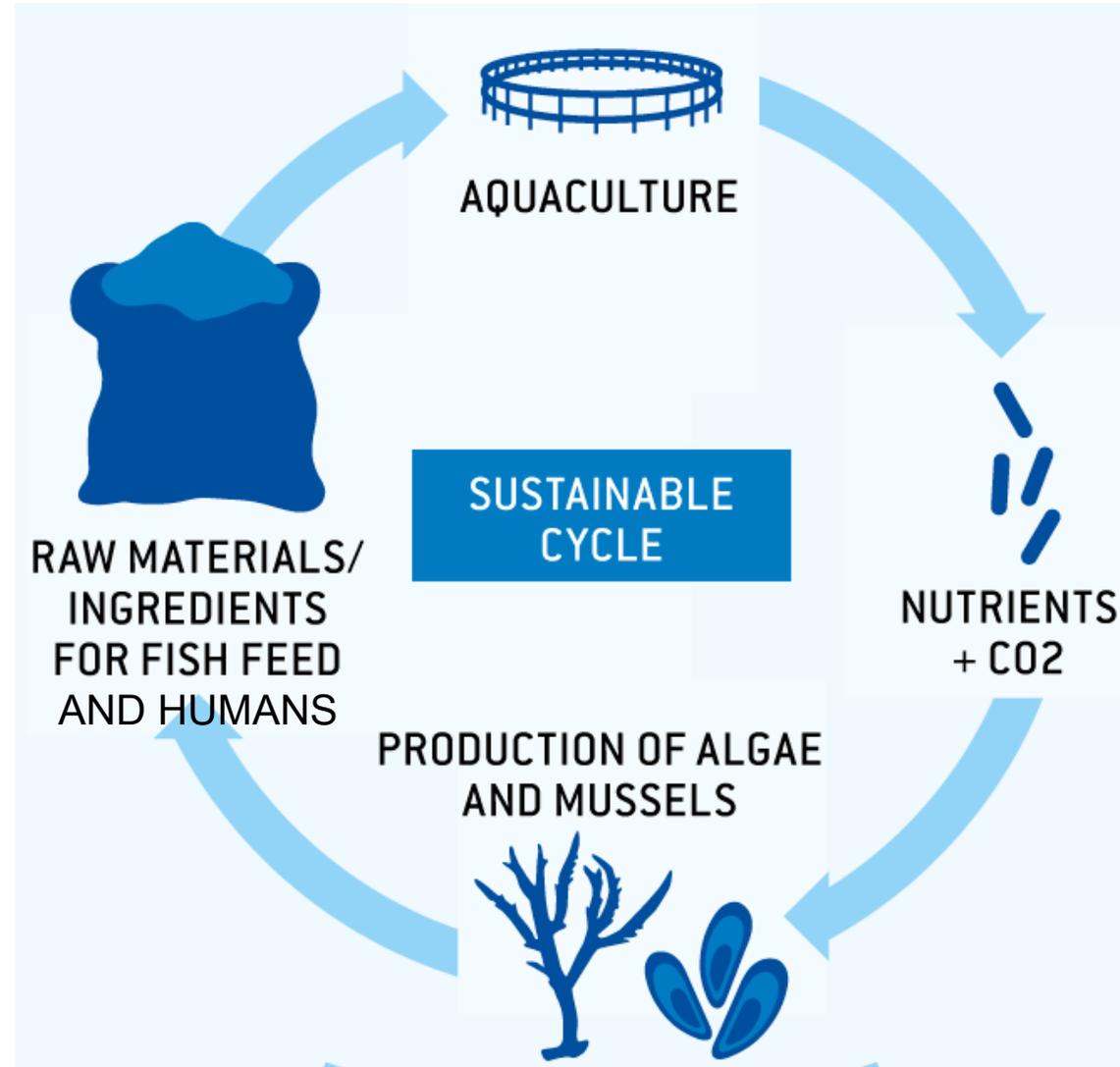
1. Capture of N, P and CO₂ .
2. Production of marine products for human consumption and raw material for animal feed.
3. New species in aquaculture
 - industrial «mass production».



This is what Ocean Forest do....



Circular economy

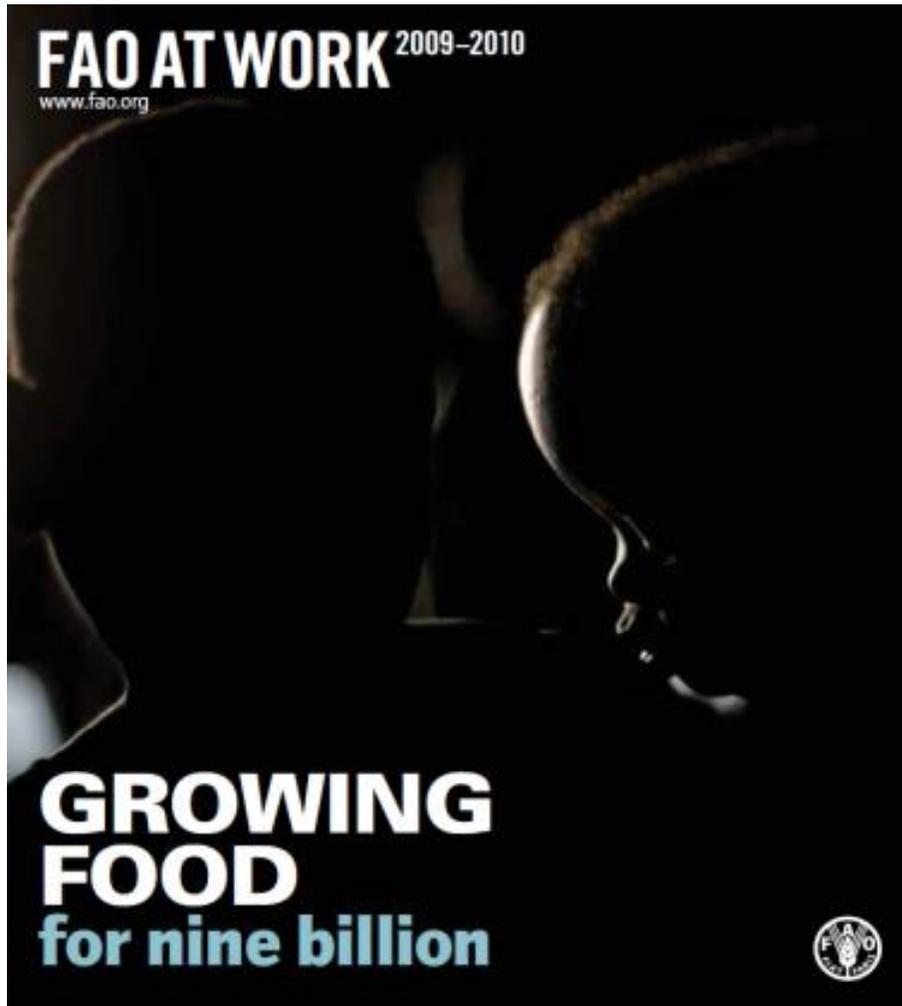




From 0 to 50 cm in 3 month

Why is this so important?

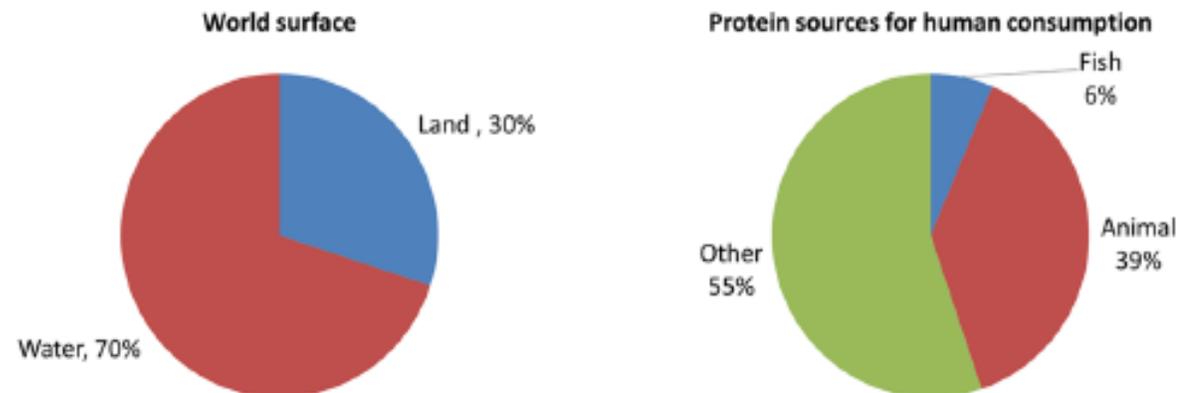
- We want to reduce our footprint.
- We want to secure our future as fishfarmer.
- We take our part of the responsibility for feeding a growing population.



In 2030 there will be a shortage of 50,6 mill tons of fish for human consumption (FAO;2014)

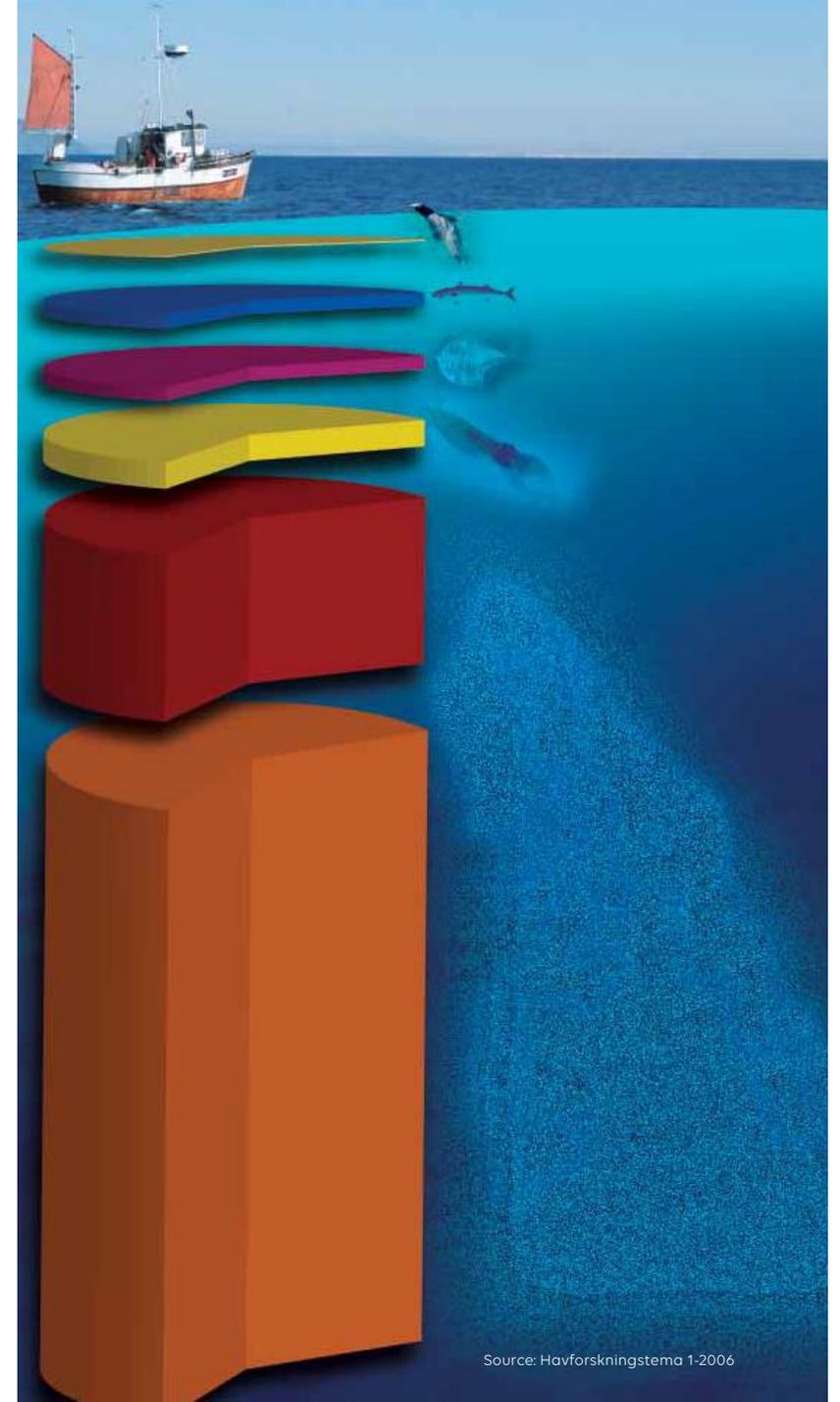
Aquaculture

- a question about sustainable food production for a growing population.



Source: FAO

- Where in the foodweb should we harvest?
- For each step up, the quantity of resources available is reduced by 90%
- Cultivation (add resources) or harvesting?



Source: Havforskningstema 1-2006

Growing Seaweed

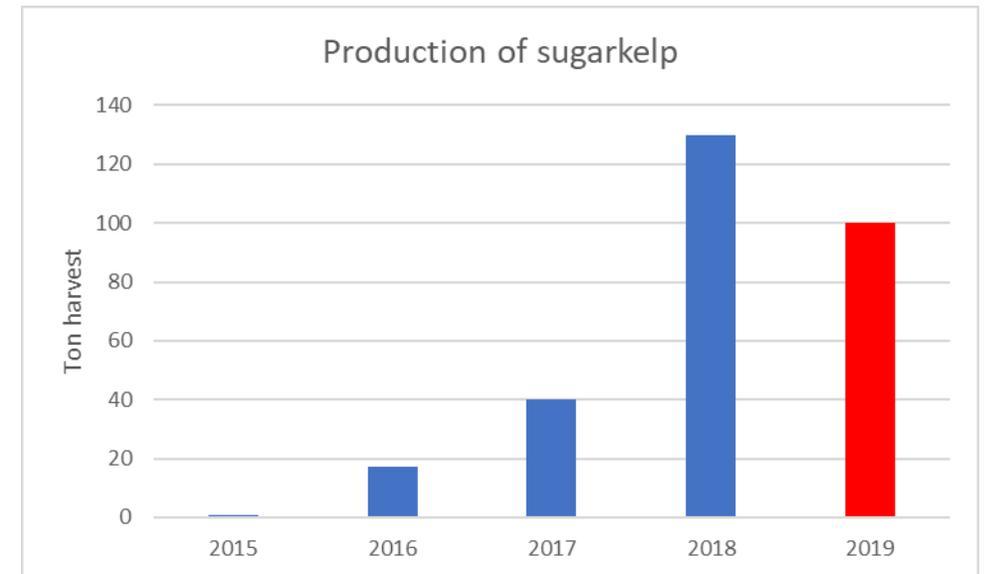
Seeds on a carrying rope



Farming in open sea



20 oct -> 5 month



How much Nitrogen, Phosphor and CO₂ do we catch?

2,4 kg Nitrogen per ton wet weight of sugar kelp.

340 gr phosphor per ton wet weight of sugar kelp.

26,3 kg C per ton wet weight equal 100 kg CO₂ per ton wet weight.



seasoning /toppings



Fresh



Dried





***Thank you for
your attention!***