



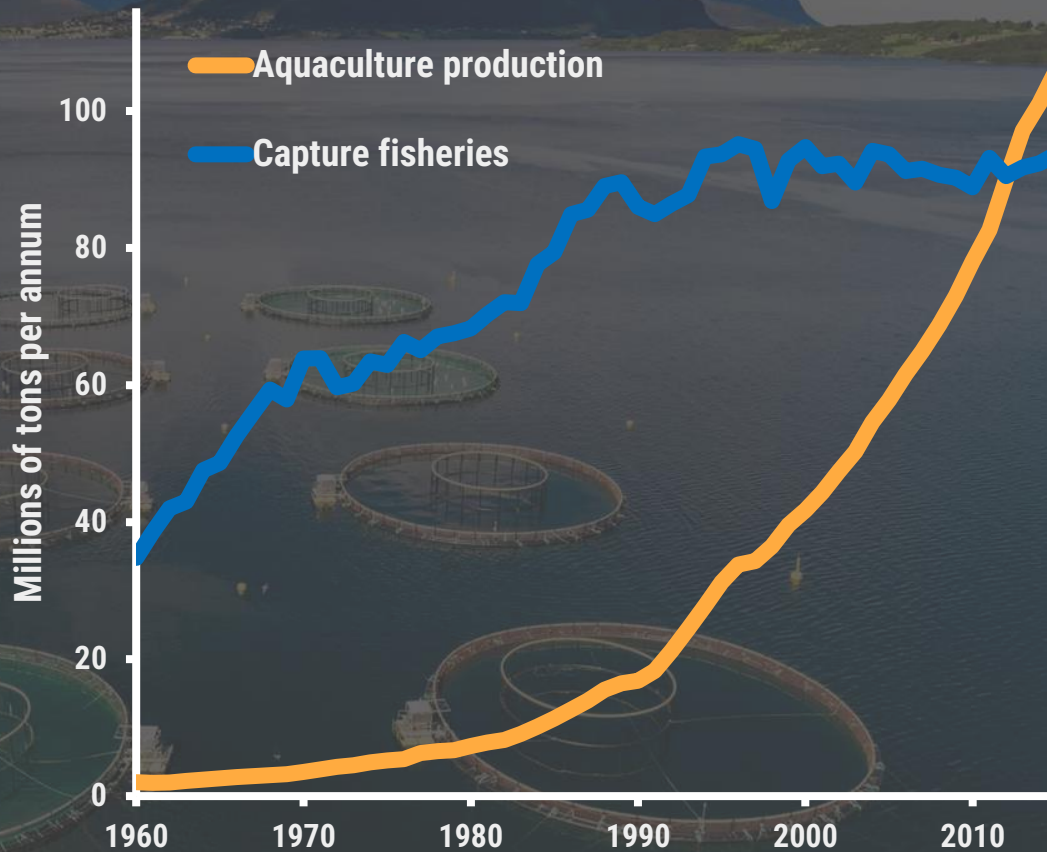
**enifer**Bio

VALUE EVERYTHING

BlueInvest: **AquaPekilo**-  
Replacing soy with Pekilo  
protein in aquafeed

## PROBLEM

How do we sustain high growth in global aquaculture?

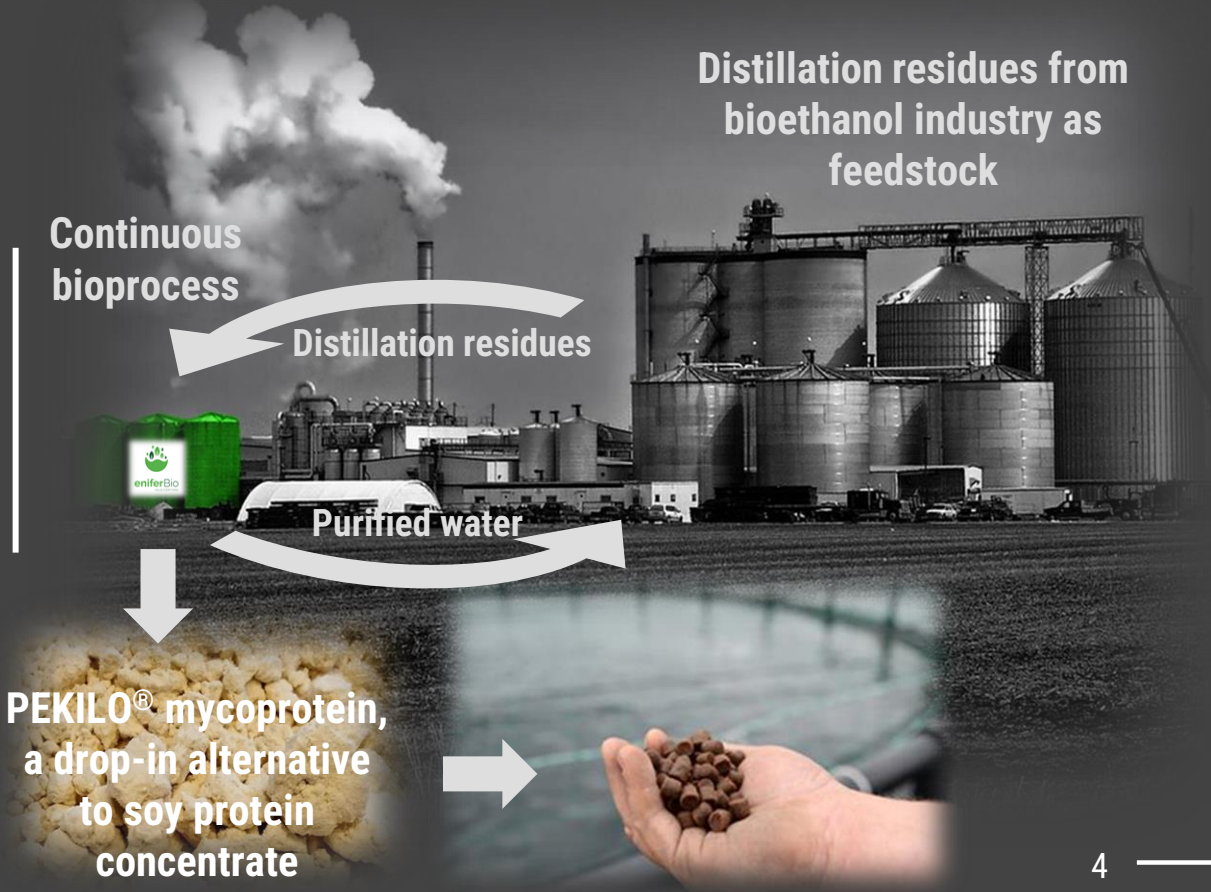


## PROBLEM

“Around 50% of the diet of a farmed salmon is now soy-based”

“Soy was responsible for nearly half of the deforestation embodied in EU imports”

**PEKILO®**  
The core technology and  
concept in AquaPekilo project



## KEY ACTIVITIES



### Scale-up & supporting R&D

- Establishment of own small-scale piloting infra
- Production process R&D and fine-tuning
- Scale-ups onsite at larger scale
- Pre-engineering for a production plant



### Product validation & regulatory

- Feeding trials
- Regulatory affairs in Europe and outside



### Business development & IP protection

- Engaging partners
- Refining business model together with partners
- Patent applications on process developments

## KEY RESULTS & IMPACTS

- Optimized and validated production process & pre-engineering for a production plant
- Ingredient validated for aquafeed use & approved for sale in Europe and beyond
- Business model & partnerships ready for a plant construction
- Increased attraction of private investments to the early-stage company
- Novel circular bioeconomy value-chain from side-stream to aquafeed protein launched at industrial scale by 2025
  - New aquafeed protein business to Europe generating jobs (economic, societal)
  - Value from side-streams (economic, environmental)
  - Locally produced alternative to imported soy protein concentrate (environmental)

# Environmental impacts through land-use and resource efficiency in the feed/food chain

## RELEVANCE & CONTRIBUTION TO EU POLICY TARGETS

In protein production, a single PEKILO<sup>®</sup> plant is equivalent to ~65km<sup>2</sup> of soybean fields, about the size of Manhattan



- 2 ZERO HUNGER


- 12 RESPONSIBLE CONSUMPTION AND PRODUCTION


- 13 CLIMATE ACTION


- 14 LIFE BELOW WATER


- 15 LIFE ON LAND



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#AquaPekilo

# BlueInvest: AquaPekilo- Replacing soy with Pekilo protein in aquafeed