

## Nasjonal og global tilgang på fôrråvarer til akvakultur

Startkonferanse 6 oktober 2020 Trygve Berg Lea, Sustainability Manager





Our mission

reeding

INCO

In 2019, Skretting produced feed to support

21.5

# **skret million**

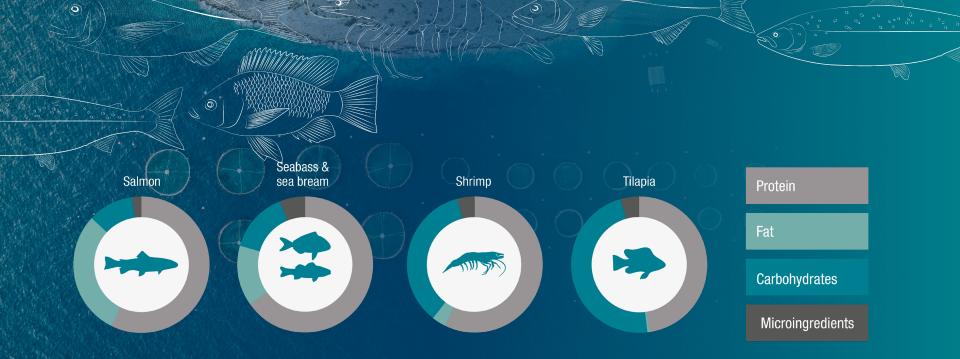
seafood meals every day globally



SUSTAINAB

GOAL

2 ZERO HUNGER



## What ingredients are in fish and shrimp feed?





## Fish oil

Wheat

## 30 years ago



INCREASE IN AQUACULTURE PRODUCTION FROM 2018 - 2030 + 26 million tonnes

## + 40 million tonnes

INGREDIENTS

These must be sourced responsibly, contributing to fulfilling the UN sustainable development goals

12 RESPONSIBLE CONSUMPTION AND PRODUCTION

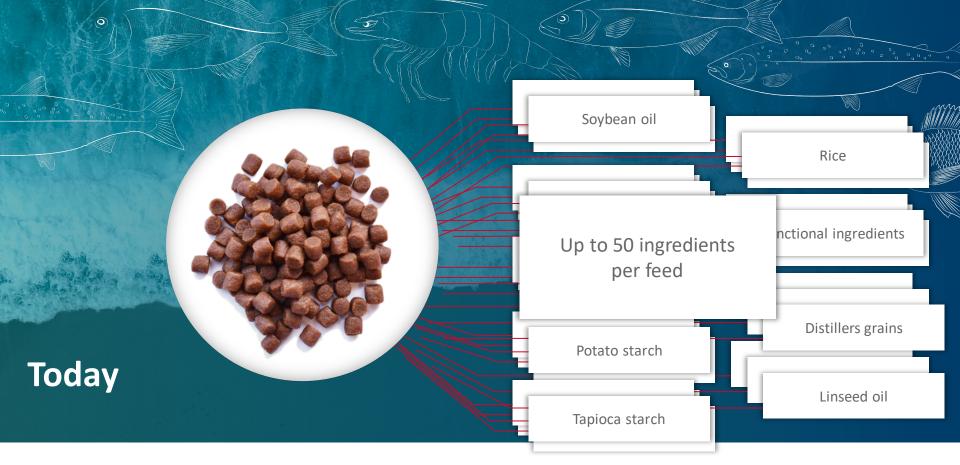
13 CLIMATE ACTION

14 LIFE BELOW WATER 15 LIFE ON LAND

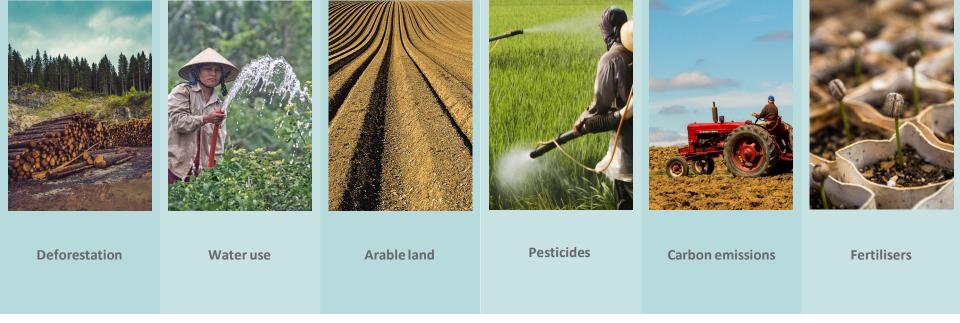


Source: FAO SOFIA Report 2020









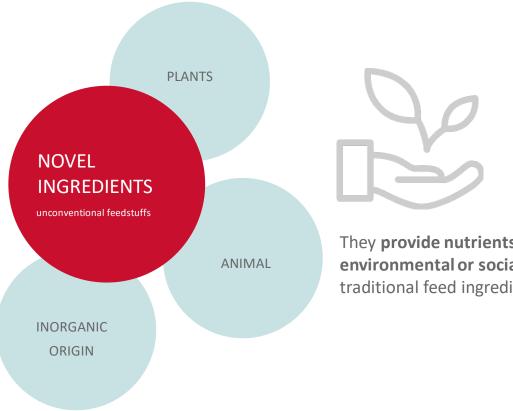
NOVEL INGREDIENTS USAGE

Reduction

ENVIRONMENTAL OR SOCIAL FOOTPRINT OF TRADITIONAL INGREDIENTS



### What do we mean by 'novel' ingredients?

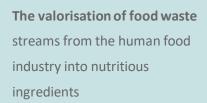


They **provide nutrients** using less environmental or social footprint than traditional feed ingredients



### What characterises novel feed ingredients?

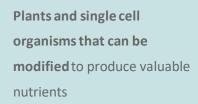




Protein, fat and other nutrients produced from single cell organisms such as; bacteria, yeast, algae, plus also insects









from other primary

industries







#### MICROBIAL PROTEINS





### Skretting testing Unibio's novel SCP, with purchase contract potential prize

By Jane Byrne C 07-May-2020 - Last updated on 07-May-2020 at 13:10 GMT





RELATED TAGS: Single cell protein, shrimp, Saudi arabia, Russia

Danish single cell protein innovator, Unibio, has announced collaborative engagement with leading fish feed producer, Skretting.

Skretting is to begin testing Unibio's novel protein, Uniprotein, as a feed ingredient for fish and shrimp feed.









