



OCEAN FOREST

TAKE **ACTION** TODAY
FOR A **DIFFERENCE** TOMORROW

A SUSTAINABLE SEAFOOD INDUSTRY

A WELL-FUNCTIONING ECOSYSTEM.
SUSTAINABLE PRODUCTION OF SEAFOOD BIOMASS & ENERGY.
A MULTITUDE OF SPECIES AND POSITIVE SYNERGIES.

A SUSTAINABLE SEAFOOD INDUSTRY

OCEAN FOREST HAS AMBITIOUS OBJECTIVES:

- Production of sustainable raw materials and pure energy
- Production of marine feed raw materials
- Capture large amounts CO₂
- Minimize the environmental effect from Norwegian seafood industry



OCEAN
FOREST



OCEAN
FOREST

WHY ARE MARINE RAW MATERIALS UNIQUE?

- Marine raw materials contain amino acids of the correct type which cover the fish's needs. They are an excellent source of marine omega 3 fatty acids.
- Contain natural flavor components which stimulate the fish's appetite.
- They contain a number of other components which the fish needs (antioxidants, immune system stimulators and so on).

OCEAN FOREST WILL FOCUS ON INCREASED SUSTAINABLE VALUE CREATION

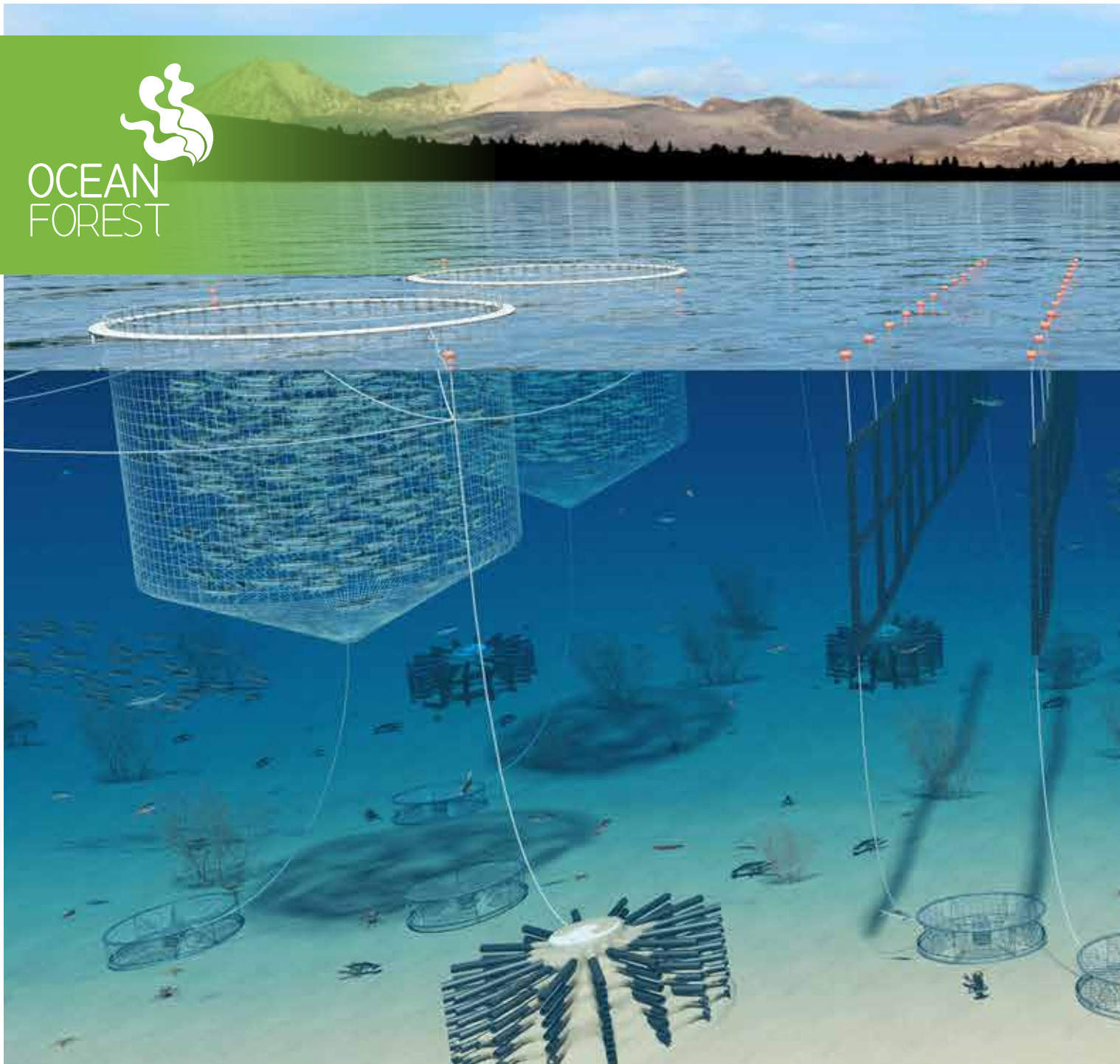
Ocean Forest will open for the production of different species for human consumption:

- Wide range of seafood
 - Fish
 - Different types of shellfish
 - Sea urchins
 - Seaweed species
- New marine raw material for fish food
 - Mussel meal
 - Seaweed meal
 - Bristle worm
- Energy
 - Use of seaweed for different types of energy for example biogas and bioethanol



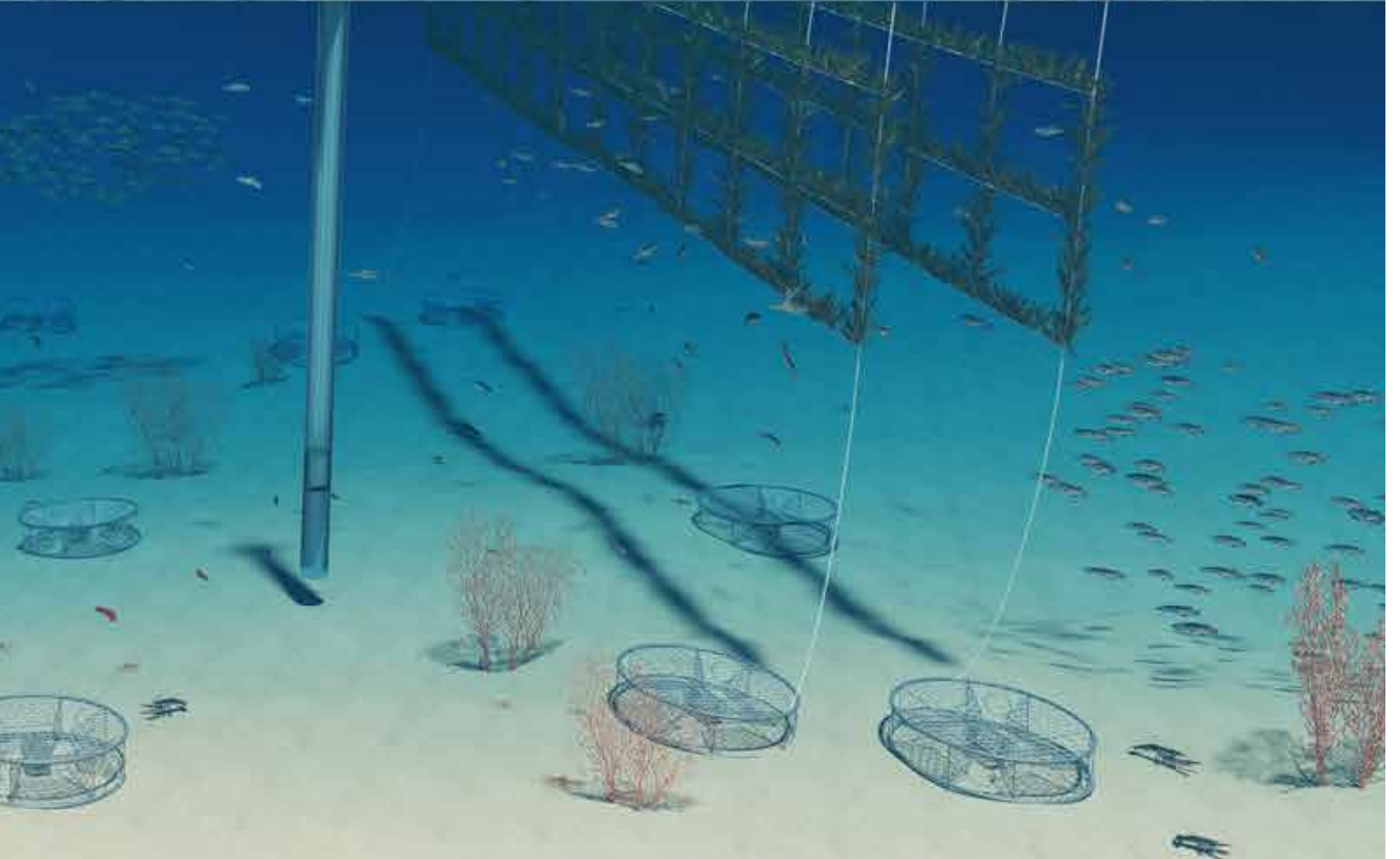


OCEAN
FOREST





A SUSTAINABLE SEAFOOD INDUSTRY





OCEAN FOREST

THE SEAFOOD INDUSTRY WILL NEED ALTERNATIVES SOURCES OF RAW MATERIAL IN THE FUTURE

We aim to increase our production of salmon and fjord trout in the coming years, and therefore we are working with different sustainable raw material alternatives which can be used in fish food. With a potential production of 5 million tons of Norwegian salmon and fjord trout by 2050, the development of new marine raw materials will be an important factor.

OCEAN FOREST AIMS FOR A SUSTAINABLE PRODUCTION OF FISH BIOMASS AND ENERGY

We will achieve this through adapting a range of technologies and solutions which are conducive to different species and give positive synergies in a well-functioning ecosystem.

OCEAN FOREST WILL GIVE RESULTS

- Marine raw materials
- Capturing nutrient salts and CO₂
- Reduced sea lice larvae, virus and bacteria
- Functional components and algae
- Ecosystem functions
- Farming of new species



MARINE BIOMASS
PRODUCTION FOR FOOD
AND ENERGY PURPOSES
CAN ESTABLISH A LONG-
TERM NEW INDUSTRY
BASED ON THE PRINCIPLE
OF SUSTAINABILITY.

- **Environment**

- Utilize nutrient salts
- Absorption of Co₂
- Mussels used for de-licing as opposed to chemicals
- Improved fish health
- Less pollution

- **Processes for production and processing**

- Optimize the use of resources

- **Unique R&D environment**





CROSS-PROFESSIONAL COOPERATION

Bellona and Leroy Seafood Group have established a fruitful cooperation with the goal of developing new sustainable industrial solutions, new resource sources and new products.

