





Aquafarm Pordenone, Italy 2020

1. The Problem: Waste & Population Growth
2. The Solution: Circular Economy & Aquaculture
3. Greentech Innovators & AlgaePro
4. Projects & Partnerships

Hans Henriksen Marki

Partner Greentech Innovators AS

CEO AlgaePro AS

The logo for GreenTech INNOVATORS, featuring a green circular icon with a leaf inside, followed by the word "GreenTech" in green and blue, and "INNOVATORS" in blue capital letters below it.The logo for AlgaePro, featuring the word "AlgaePro" in green and blue, with a green circular icon containing a leaf at the end of the word.

The Problems: Population

“we’re going to become ten billion people”

- Food Production

- Aquaculture or Agriculture?
- Sustainability
- Health

- The math doesn’t add up: Phosphorus

“in the next 50 years we need to produce the same amount of food as we did since the beginning of civilization”



Problems: Waste

Waste or Resource?

- Industrial
 - Aquaculture
 - Agriculture
 - Food Production
 - Petroleum
 - Mining & Smelteries
- Municipal
 - Foodwaste
 - Sewage
 - Energy



The Solutions: Aquaculture

- Production in the ocean
 - Land use
 - Multitrophic production
 - Sustainability & Traceability
- Production on land
 - Controlled production
 - Sludge
 - Water use
- Healthy feed



MOWI:NO

Mowi ASA

\$11.96bn Norway

Europe & Russia

Aquaculture

FCG:NZ

**Fonterra Co-operative
Group Ltd**

\$4.2bn New Zealand

Oceania

Dairy

LSG:NO

**Lerøy Seafood Group
ASA**

\$4.08bn Norway

Europe & Russia

Aquaculture

Non-animal protein

BAKKA:NO

Bakkafrost P/F

\$2.59bn Faroe Islands

Europe & Russia

Aquaculture

Non-animal protein

TSN:US

Tyson Foods Inc

\$27.69bn USA

North America

Beef

Poultry & eggs

Pork

Non-animal protein

GSF:NO

Grieg Seafood ASA

\$1.58bn Norway

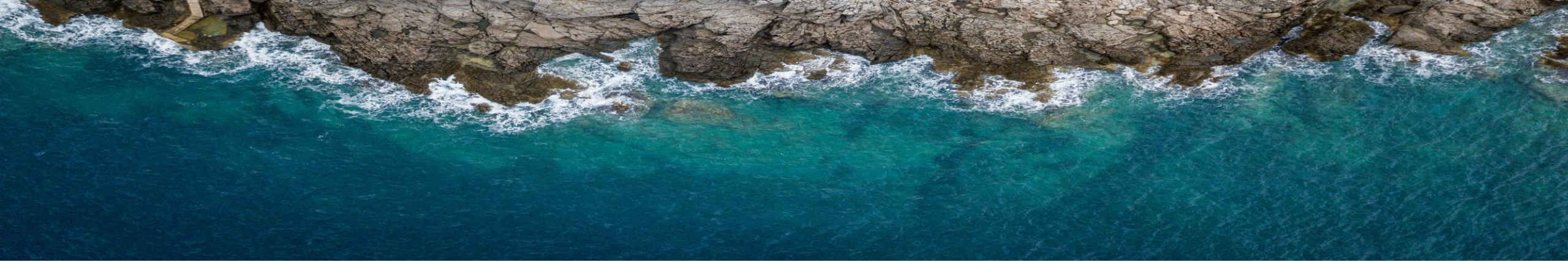
Europe & Russia

Aquaculture

The Solutions: Circular Economy

- Putting a price on waste
- Sustainable industries
- Value(s) creation
- Waste-to-taste
 - Regulations
 - Market acceptance





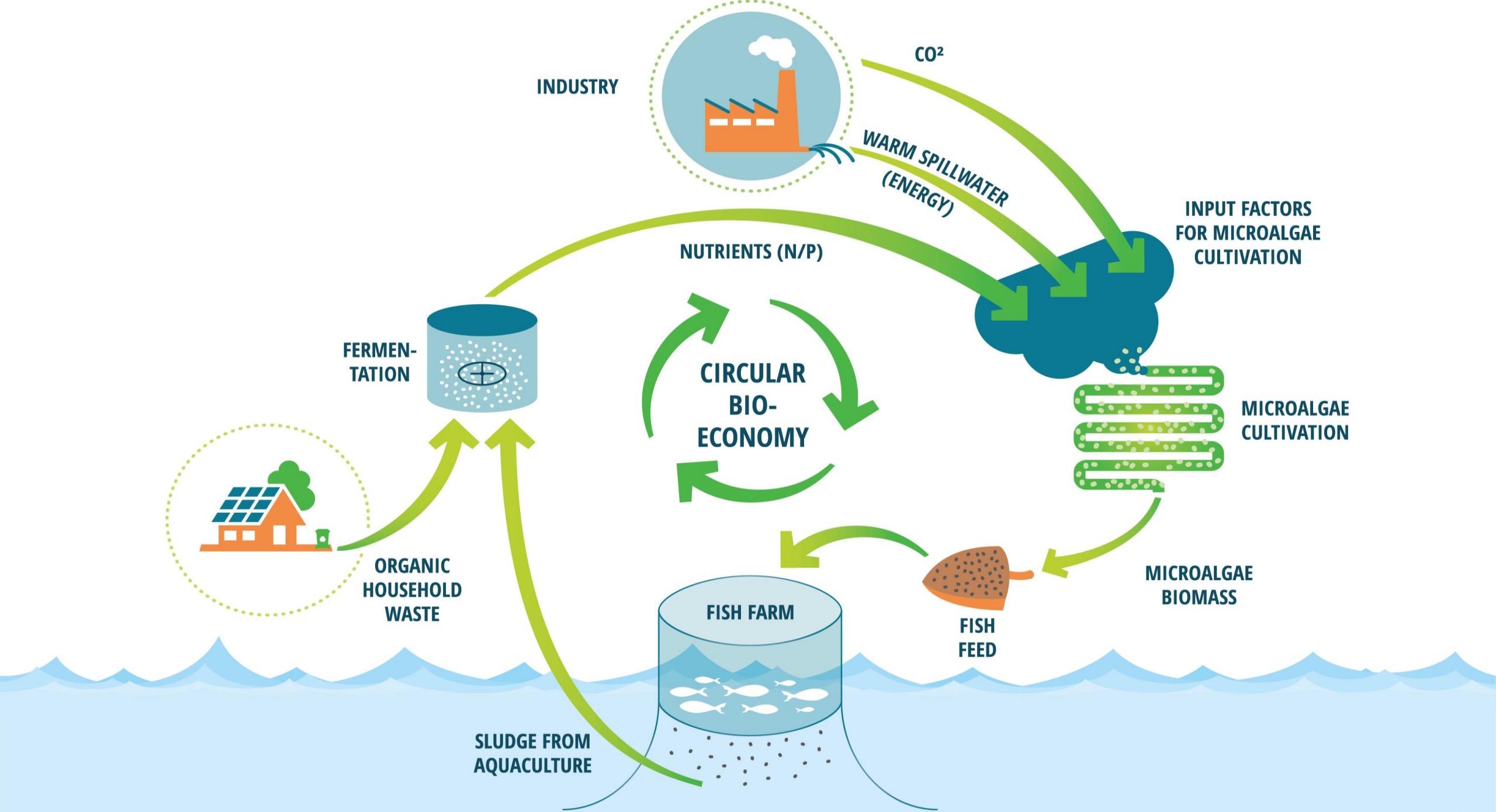
GreenTech INNOVATORS





AlgaePro







Norwegian Centres of Expertise
NCE Seafood
Innovation Cluster



HATCH
Aquaculture Accelerator



Climate-KIC

2018

HATCH

Greentech
Challenge Oslo

DNB NXT

EFIB Startup
Village

Fórum Do Mar
Porto

2019

VIS Demo Day

Nordic Algae
Symposium

EU Climate-KIC
Accelerator

The Explorer

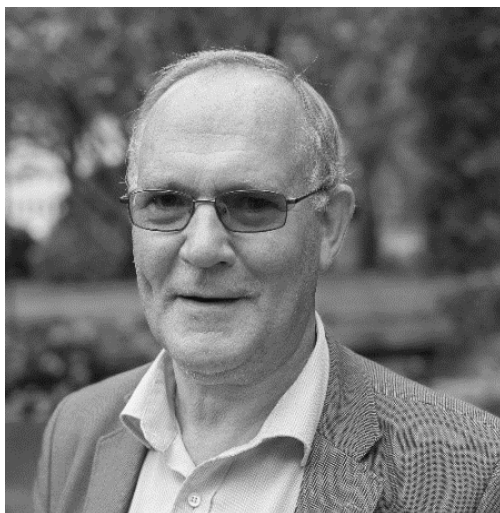
BIR Partnership

2020-

Aquafarm 2020
Pordenone Italy

EU, EEA, &
Innovation
Norway Projects

Production Tests
and Product
Development



Ingmar Høggøy

***CEO Greentech Innovators
Chairman – AlgaePro***

Entrepreneurship & Aquaculture

***Founder and Inventor
Angel Challenge 2016
Founder Blue Protein AS***



Hans Marki

***CEO AlgaePro
Partner Greentech Innovators***

Biology & Innovation

***HM Innovation
Climate Launchpad
OMEGA Global Initiative***



Gunnar Buvik

Advisor & Partner GTI

Network & Management

***Malula AS
GCE Subsea
Royal Norwegian Navy***



António Pagarete

R&D Manager

Marine Microbiology

***Pagarete Microalgae Solutions
University of Bergen
Algae4Future (A4F)***



Svetlana Lyngstad

Project Manager

Ecological Economy & Administration

***Impact Hub
RR Bergen Engines
Thermtech AS***

Projects & Partnerships

Greentech Innovators

- Circular Economy
- Food Waste
- Sludge
- Single-Cell Proteins
- BioFertilizer
- Green Cities

AlgaePro

- Microalgae Products
- Multitrophic Aquaculture
- New Species
- Circular Aquaculture
- Product & Market Entry
- Norwegian Market Access

Contact

Greentech Innovators:

Ingmar Johan Høggøy

Ingmar@greentechinnovators.no

www.greentechinnovators.no

AlgaePro:

Hans Henriksen Marki

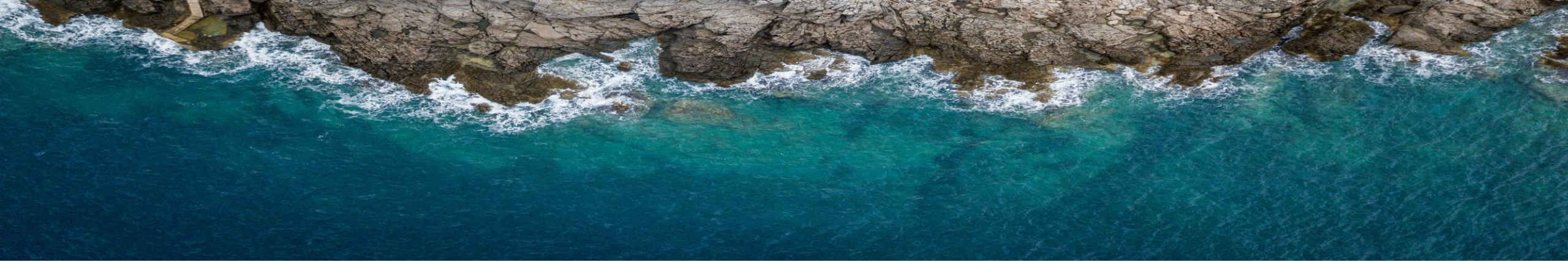
hans@algaepro.no

www.algaepro.no



AlgaePro





GreenTech INNOVATORS



