

# New species, processes and products contributing to increased production and improved sustainability in low trophic aquaculture value chains in the Atlantic

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**AORA Marine Microbiome workshop** 

22-24. October 2019, Reykjavík, Iceland Radisson Blue Saga Hotel

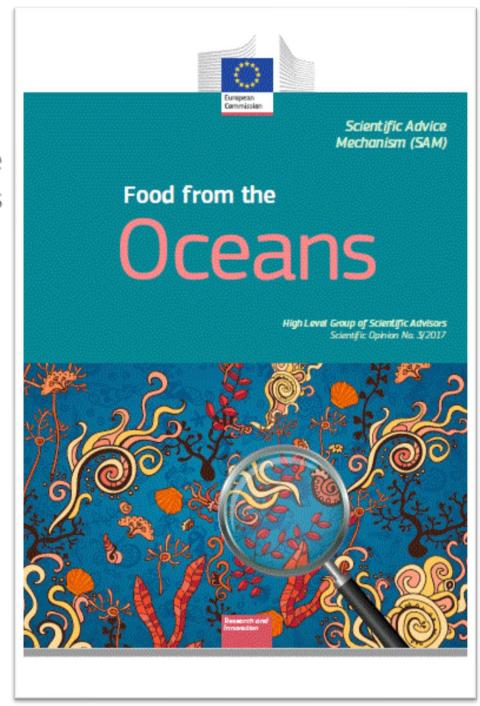


#### **Motivation for AquaVitae**

Food from the Oceans Report – How can more food and biomass be obtained from the oceans in a way that does not deprive future generations of their benefits?

Scientific Advice Mechanism, High Level Group of Scientific Advisors (2017)

"According to the best available scientific knowledge, by far the biggest potential for increasing seafood production in the foreseeable future is through the farming of marine species (i.e. mariculture), especially those at lower levels in the ocean food chain"





#### **Motivation for AquaVitae**

The Ocean as a Solution for Climate Change: 5 Opportunities for Action, published on Sept 23rd 2019 at the U.N. Secretary-General's Climate Action Summit in New York.

The report, produced by the Expert Group of the High Level Panel for a Sustainable Ocean Economy – a group of 14 heads of state and government – provides the first ever comprehensive, quantitative analysis into the role that ocean-based solutions can play in the fight against climate change

Fisheries, Aquaculture and Dietary shifts Short-term Priorities (2020-2023)

<u>Policy - Create incentives for lower</u> trophic level aquaculture





Five Opportunities for Action

CONVENING LEAD AUTHOR
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### The challenge that AquaVitae addresses





Belém Statement on Atlantic
Research and
Innovation Cooperation
Galway Statement on Atlantic Ocean
Cooperation

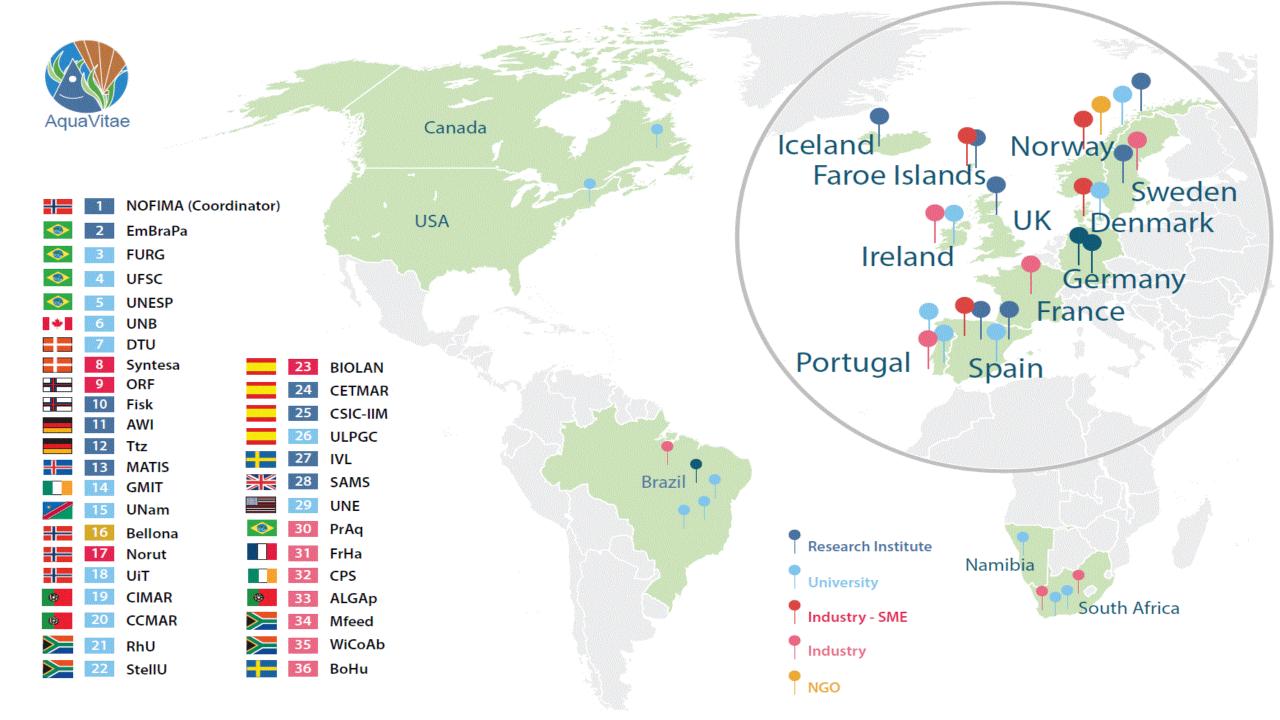






Sustainable Development Goals (UN)

















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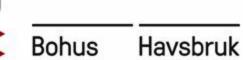














INNOVATION FOR A HEALTHIER PLANET



## Impact generated by AquaVitae





AquaVitae will contribute to the Belém Statement, the joint Declaration on Atlantic Ocean Research and Innovation Cooperation between the European Union, Brazil and South Africa through:

- Setting up a network for knowledge and research exchange through the Atlantic among 36 partners from 16 different countries
- Sustainable use of marine resources with a circular economy approach.
- Better monitoring of aquaculture activities through new and emerging technologies.
- Contributing to the well-being of aquaculture communities.
- Enhancing citizen engagement through training and outreach activities.
- Setting up students exchanges and industrial apprenticeships.

#### Galway Statement on Atlantic Ocean Cooperation





