

## **A2F - Algae to Future**

**ABSTRACT** | A2F's vision is to lay the foundation for industrial microalgae production in Norway, utilizing natural resources and waste streams from existing production lines within agriculture, aquaculture and process industry.

A2F addresses key challenges that today limit sustainable and profitable use of microalgae based technologies.

Norway has special natural resources and favourable conditions for culturing microalgae, but also special needs for proteins and fatty acids for sustainable fish farming and agriculture industries

A successful A2F will demonstrate the potential for future development of a wide range of novel food and feed, produced in a sustainable and environmentally friendly way.

The potential benefits to society are considerable when producing high quality proteins and fatty acids, as well as other bioactive molecules, at the lowest possible trophic level without need for arable land.

**REFERENCE** | 267872/E50

**DURATION** | 01-04-2017 to 31-05-2022

**GLOBAL FUNDING** | NOK 54.7 mill

**FUNDED BY** | Research Council of Norway's BIONÆR Programme

**LEADING INSTITUTION** | NOFIMA

**PARTNERS** | NORCE, University of Bergen (UiB), Norwegian University of Life Science (NMBU), Norwegian institute of Food, Fisheries and Aquaculture Research (Nofima AS), Nord University, Institute of Marine Research, Centre for Applied Research at Norwegian School of Economics (SNF), Volda University College, Folvengaard AS, Nøgne Ø - the brewery from Norway that refuses to compromise, Råde Bakeri og Konditori Nærbakst as, Europhama AS, Vital Seafood AS, County Governor of Vestland, Wageningen University, University of Lisbon, Tokyo University of Marine Science and Technologi, Fitoplancton Marina S.L., LGem b.v.

**PRINCIPAL INVESTIGADOR at ISA** | Anabela Raymundo

**TEAM at LEAF** | Anabela Raymundo, Isabel Sousa and M. Cristiana Nunes

**WEBPAGE** | <https://www.nibio.no/en/projects/algae-to-future-a2f>