

TITLE: MACHE & CO

INTRODUCTION INDICATING

- **Title:** Pilot Installation & Testrun
- **Lump sum name:** Innovation Lump Sum – AgriFood Processing
- **Amount of lump sum:** €27,000

GLOBAL OBJECTIVE OF THE PROJECT

To implement and validate an innovative pilot line for producing seaweed from European seaweed, with the long-term goal of scaling up local and sustainable production to reduce dependency on Asian imports.

BACKGROUND PRESENTING THE SME(s)

MACHE & CO is a French SME based in Brittany, specializing in the development of food products made from cultivated seaweeds. It aims to accelerate the transition to sustainable proteins and plant-based food alternatives using algae grown in Europe. The company combines culinary innovation and R&D to create scalable algae-based solutions.

PROJECT OBJECTIVES

- Install and adapt a pilot machine developed in Asia
- Conduct test runs with European seaweed (e.g. Saccharina, Ulva)
- Optimize processing parameters
- Build a scale-up roadmap for industrial production in France

ROLE OF THE PARTNERS

- **ZALG (PP1):** Lead partner responsible for project coordination, pilot installation, seaweed sourcing, testing, and industrial planning.
- **Technical advisors (external):** Support on mechanical adaptation and food process validation.

EXPECTED BENEFITS

The project has several ambitions, including:

- Creating a new value chain for European seaweed products
- Reducing environmental impact by substituting imported Nori

- Boosting regional food innovation and sovereignty
- Enabling novel applications in snacking, foodservice, and retail markets

IMAGE TO PROVIDE (partners photo together, factory, products, process, ...)

