

SEAFOOD^{TOMORROW}: Nutritious, safe and sustainable seafood for consumers of tomorrow



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Consortium:

The SEAFOOD^{TOMORROW} Consortium comprises a wide range of seafood production and processing SMEs and IAGs, sensor developing SMEs and certification SMEs, working in cooperation with aquatic innovation centres. The team is geographically well distributed throughout **15 European countries** and is **trans disciplinary**.



Fig. 1: SEAFOOD^{TOMORROW} geographic distribution

Introduction:

Seafood has been recognized as a **high quality, healthy and safe food item**. Still, the majority of European consumers, especially children, young adults and elderly people, do not meet the **dietary recommendations** of eating **two portions of fish per week**, of which one should be fatty fish. Additionally, the European **seafood production** is **insufficient** to cope with **consumers demand**, with the vast majority of seafood being imported. European consumers are also worried about **quality, safety, sustainability, frauds and health-related claims** regarding seafood.



Fig. 2: Fish farm

Goal:

To strengthen the seafood production and processing industry in Europe by providing validated market-driven and consumer-responsive eco-innovative sustainable solutions that contribute to food security, mitigate production hazards, contribute to employment and increase consumer awareness of seafood quality and safety.

Expected impact:

- ✓ Contribute to **EU food safety** common standards and **legislation** for seafood products and nutrients
- ✓ Ensure that **eco-innovative solutions** for the sustainable production and processing of marine and aquaculture-derived food products and nutrients are used more widely, as a result of greater use acceptance, higher visibility of innovative solutions and the creation of scalable markets
- ✓ Improve the **competitiveness of the EU seafood** sector, and increase opportunities for **growth, diversification and job creation** for the sector in general and SME in particular
- ✓ Benefit **consumers** by allowing them to make better **informed seafood choices**
- ✓ Increase the availability of **healthier seafood**, which will improve consumers' diet and health
- ✓ **Improve professionals skills and competences** of those working and trained to work in the **blue economy**

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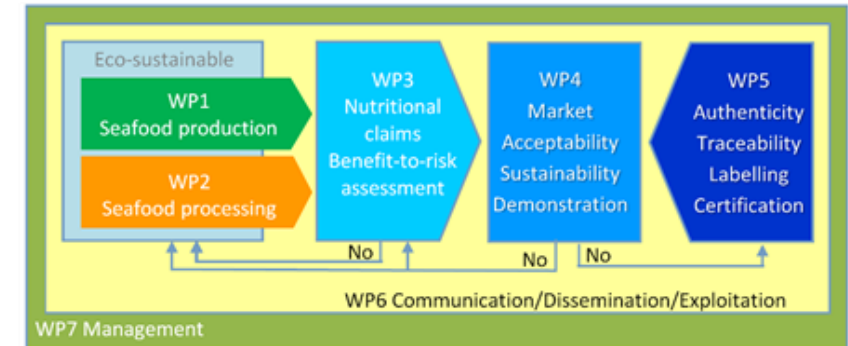


Fig. 3: Project Structure and Work Flow