

About Nofima

MareFrame

Nofima is the Norwegian Institute of Food, Fisheries and Aquaculture Research. It is a private, non-profit research institute owned by the Norwegian government with head office in Tromsø, around 380 employees in six different locations around Norway and turnover of around 65 million EUR.

Nofima was founded in 2008 when four former public food research institutes merged:

- **Norconserv** – canned and preserved foods
- **Matforsk** – food from agriculture
- **Akvaforsk** – aquaculture related research
- **Fiskeriforskning** – seafood and processing

Relevant departments for MareFrame:

- **Aquaculture and fisheries – raw materials**
- **Food from agriculture and aquaculture – processes and products**
- **Consumer and market research, which includes:**
 - **Consumer research, buying behaviour, food and context**
 - **Innovation and product development**
 - **Traceability, sustainability, environmental accounting**

Nofima has a key role in many international projects and a large portfolio of EU projects



Relevant expertise of staff

Petter Olsen

M.Sc. in software engineering, applied mathematics and operational research from University of Strathclyde, Glasgow. Senior scientist at NOFIMA Market, employed there since 1993. Working with applications of ICT especially related to traceability, production management, simulation and decision support. Coordinator and other key roles in various national and international projects since 1996. Serves as an adviser to the EU, to several EU-funded projects, to the Nordic Council of Ministers and to the Nordic Industrial Fund on these subjects.

Has worked a lot with harmonization and standards, especially relating to Electronic Data Interchange (EDI) and to vocabularies. Led the development of CWA 14659 / 14660 and of ISO 12875 / 12877 (seafood traceability data recording and electronic interchange).

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Major projects:

- TraceFish
- Seafood Plus
- TRACE
- BrightAnimal
- EcoFishMan
- WhiteFish
- WhiteFishMaLL
- FoodIntegrity



WP3 – Data management

Task 3.1: Identify nature of data to be collated

- NOF: Identify requirements from the central database in terms of both data required from elsewhere and data the case study can provide.
- NOF: Identify commonality in data that can be collected across case studies, including establishing a controlled vocabulary of terms.

Task 3.2: Establish content of data exchange format and likely queries.

- NOF: Work with WP5 partners to understand forms their queries will take. Are they expecting granular access within areas of study? Are there common transformations that can be applied to the data, or are they expecting large raw dumps?
- NOF: Work with WP4 to discover what data the models will generate.

In WP3, Nofima should be involved in processes and meetings related to data extraction, harmonization and structuring

WP6 – Develop a decision support system

Task 6.2: Develop decision support tools (DST)

- NOF: Responsible for developing the requirement specification in T6.2 and for serving as user representative and acceptance tester of the tools in the DST.

In WP6, Nofima should be involved in developing user requirements for the DST and, when they are developed, for acceptance testing

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