



THE NORWEGIAN SEAFOOD RESEARCH FUND





Industry based research & development for a sustainable, profitable and growing seafood industry.

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Research and development (R&D) has been essential in developing Norway into a global leading seafood nation, and it will be vital in bringing the industry forward. The research activity is very comprehensive, covers all areas of the industry and is financed both by the public sector, and the industry itself.

A major contribution to the marine R&D is The Norwegian Seafood Research Fund (FHF), which is financed by the industry through a R&D levy on all Norwegian seafood exports. FHF is a special entity organized under the Ministry of Fisheries and Coastal affairs. FHF is governed by a Board of Directors appointed by the Ministry, consisting of representatives from the Norwegian Seafood Industry.

FHF's APPROACH

Investing in R&D on behalf of the whole industry, and aiming at creating value for actors in the industry, FHF must achieve legitimacy within the industry. This is achieved through good and transparent procedures on how projects arise, how they are prioritized, and how they are organized.

FHF has a strong focus on how R&D results are communicated to the industry, to achieve implementation of results and create value to the industry.





INDUSTRY ANCHORING

Advisory industry groups

The groups are advisory to FHF and were created to cover all important areas of FHF's work. They consist of stakeholders in the industry and they are appointed by the FHF board.

Resource groups

Resource persons are appointed when there is a need to obtain advice and insight from a broader range of professionals within a defined area for a limited period of time.

Steering groups

For individual projects, steering groups are established with stakeholders in the industry - to ensure the direction of the projects and utilization of the results.

AREAS OF ACTIVITY

CROSS SECTOR PRIORITY AREAS:

Marine rest raw materials

In the fisheries sector, large volumes are not used directly for human consumption. These resources have great potential for being a greater contribution to the value of the industry through R&D.

Seafood and health

Further Research based documentation on health aspects of seafood consumption is of great value to the industry.

Market

For Norway, which exports over 90 % of all seafood production, deep market insight is essential, and market R&D is a valuable contribution.



Coexistence

Several industries, for example aquaculture and traditional fisheries, can occupy the same coastal areas. Knowledge into effects of their interaction based on R&D will create basis for sound regulations and operations.

CREATIV (Centre for Reduced Energy use through Advanced Technology InnoVations) is a national long-term research initiative over five years (2009-2013); and FHF is a contributing partner.

Competence Program R & D strategy and management

FHF is contributing to the industry's ability to utilize R&D in their operations through a specialized programme.

Sett Sjøbein

Recruitment and competence project initiated by the Norwegian Ministry of Fisheries and Coastal Affairs and managed by FHF.



FISHERIES AND CATCH TECHNOLOGIES

Fisheries technology

R & D projects in knowledge of fleet adaption, capture technology, resources and environment.

Vessel technology

R & D projects in design and operation of vessels, effective and safe tool handling and effective and profitable catch handling.

Better utilization of marine resources

Live capture, storage and marketing, underused marine species, fishing, receiving and logistics, as well as coexistence with other industries.

MANUFACTURING AND PROCESSING:

Whitefish, fresh and frozen

FHF finances projects in the areas of fresh fillets, quality management and programs for increased profitability in the whitefish sector.

Pelagic

Quality management, sorting technology, better utilization of rest raw materials, automation and efficient production.

Dried and salted

New solutions for increased automation, as well as knowhow about quality and quality management.

Shellfish

Technology with focus on live storage to improve expertise in animal welfare for King Crab. Technology in the shrimp industry and focusing on the value chain.





AQUACULTURE:

Product Quality

Specific focus on the relationship through production chain between feeding regimes and texture. Reduction of the occurrence of melanin in the fillet and good harvesting methods.

Fish animal welfare and robust fish

Focus on loss reduction, increased survival through preventive measures, research into specific disease challenges and transmission reducing measures.

Sustainable aquaculture

Control of lice with the least possible medication, prevent unacceptable adverse effect of escaped salmon, sustainability of raw materials and co-existence.

**The Norwegian
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