Product Environmental Category Rules for Marine fish for human consumption What has been done so far?

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The PEFCR for Marine Fish for human consumption

- The development of a Marine Fish PEFCR started in 2014 as a part of the second wave of PEFCRs pilots,
- It continued until May 2016 when it was decided to stop the process due time-constraint.
- In October 2019 the project to develop a PEFCR for Marine Fish for human consumption was accepted by the Commission.
- <u>https://ec.europa.eu/environment/eussd/smgp/</u> <u>ef_transition.htm</u>









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Norwegian Seafood Federation















The Technical Secretariat

Organisations:

- Norwegian Seafood Federation. Association of Norwegian seafood industry: fish oil, marine feed ingrediencies, fish feed producers, aquaculture, processing industry and trader companies
- FEAP (Federation of European Aquaculture Producers)
- AIPCE-CEP (EU Fish Processors and Traders Association) and CEP (European Federation of National Organizations of Importers and Exporters of Fish)
- FEFAC European Feed Manufacturers' Federation
- Norwegian Fishermen's Association
- Bellona Environmental NGO Oslo Brussels

Companies:

• Cermaq Group AS	- Aquaculture – salmon
Lerøy Seafood Group ASA	- Farming, wildcatch, processing, sales and distribution
• Pelagia	- Pelagic fish processing
Royal Greenland A/S	- Marine fish and shellfish for human consumption
• Avramar	- Aquaculture Seabream/Seabass
CA consultant	
• Asplan Viak AS - The	e leading industrial ecology specialist in Norway.

R&D

- AquaPEF (observer): LIFE AQUAPEF Promote the effective implementation of the Product Environmental Footprint in the Mediterranean aquaculture sector
- FORCE Technology, Contractor of DG ENV in place to help SME organisations provide input for the transition phase

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The Scope of the Marine Fish PEFCR

• The scope of the PEFCR is marine fish (not processed) for human consumption in the EU market.

• This scope is considered as wide as there are a single main function but different

applications/technologies/materials.

• The aim of the definition of the scope is to include all products that are capable of fulfilling the same function, and to avoid a narrow scope (product category) definition that would result in a very large number of PEFCRs diminishing the usefulness of the developed PEFCRs.



The Functional Unit of the Marine Fish PEFCR





- What: Marine fish products for human consumption and the packaging needed to deliver 1 kg edible product to the consumer.
- **How much:** 1 kg marine fish. *The reference flow is 1 kg of edible marine fish.*
- How good: The product should be appropriate for human consumption
- How long: For products where durability or shelf-life is established



Scope: Life cycle stages (system boundaries)



Composition of the representative product of Wild fish

Model for the wild marine fish representative product. The terms active/passive refer to the fishing gear. A trawl is a typical example of active fishing gear and a longline is an example of a passive fishing gear.



The wild caught representative product (RP) composed of these 16 different groups of fisheries. Share of each group in the RP calculated with data on marine fish consumption in the EU.

Composition of the representative product of Farmed fish

Salmonids Marine open net pen

Salmonids RAS

Bass and Breem marine open net pen

Bass and Breem RAS

The marine aquaculture representative product (RP) composed of these products. Share of each product in the RP calculated with data on marine fish consumption in the EU.

Representative Product: Farmed (preliminary results)

Stages contribution to most important impact categories



Representative Product: Wild (preliminary results)

Stages contribution to most important impact categories



■ Fishing ■ Preparation, packaging and distribution ■ Retailer and consumer ■ Fish waste handling

The process



Conclusive remarks

• We consider the PEF method as an important and useful tool to assess and document the environmental performance of seafood.

• The seafood producers along the whole supply chain experience increased demand for documentation of environmental performances from the customers, the consumers as well as the financial institutions and the stock markets.

• The major challenge is that the accounting system for environmental performances is not standardized and it is difficult to compare the various documentations and reports

• And last, but not least: The PEF is considered as a useful tool to find the environmental hot spots in your own production and thus how to prioritize the measures to improve the performance

Involvement from stakeholders

• The next public consultation is scheduled to start June 2023

• Meanwhile the current draft to be tested in the supporting studies, are available at the web site **marinefishpefcr.eu**

• We invite all stakeholders to get involved, and to give comments also before the public consultation

Thank you for your attention