

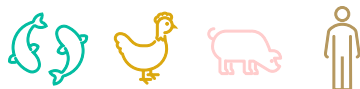
Europe is leading producer of fishmeal and fish oil



On a global level, Europe is producing 15% of the world's fishmeal and 26% of the world's fish oil.



Fishmeal and fish oil are important **marine** ingredients with an increasing global demand. Used for aquaculture, human consumption and animal feeds, the products bring the **important omega-3 fatty acids EPA and DHA** into the human food chain via farmed fish and fish oil supplements.



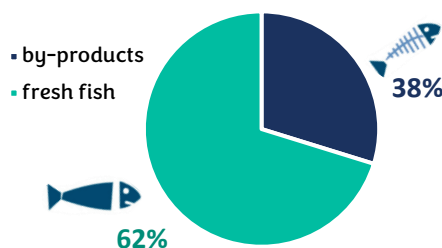
European Fishmeal and Fish Oil Producers

EFFOP represents producers from the EU as well as non-EU countries. The member countries are Denmark, Estonia, Faroe Islands, France, Germany, Iceland, Ireland, Latvia, Malta, Norway, Spain, and United Kingdom.

EFFOP members produce ~581,000 tonnes of fishmeal and ~182,000 tonnes of fish oil annually and the total value of production is approximately 2 billion €/year. The exports go to several countries worldwide.

Raw materials

The high-quality production is based on landings of small, oily, short-lived species such as **blue whiting, capelin, sand eel, Norway pout and sprat as well as by-products** (trimmings) from the fish processing sector. Trimmings accounted for 38% of the raw materials in 2022.



High-value ingredients

Fishmeal and fish oil are, without comparison, **the most valuable feed ingredients**. Their nutritional composition, and high digestibility, support the growth, optimal physiological function, and welfare of farmed fish and livestock.

Aquaculture is the most resource efficient production of animal protein, and efficient utilisation of marine resources is key to the growth of **a low carbon food production system**.

Production is based on **sustainable fisheries** on marine resources. The European sector meets international standards and certifications applying to raw materials, production, and traceability.



Facts

HIGH QUALITY INGREDIENTS



Fishmeal production by EFFOP members:
581,000 tonnes on average annually
(2018-2022)

Fish oil production by EFFOP members:
182,000 tonnes on average annually
(2018-2022)



Estimated production value of fishmeal and fish oil:
2 billion €/year



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