

CarbonBalance

# 4 Feed Future

THE FIRST  
**CARBON NEUTRAL**  
AQUAFEED

SKRETTING  
a Nutreco company



# F4Feed Future

## **FEED4FUTURE FORMULATION**

F4F is designed to reduce CO2 emissions from the feed as much as possible. Raw materials are selected on the basis of their environmental impact, the whole supply chain is carefully evaluated and responsible use of resources is promoted.



## **F4F CORNERSTONES**

### **REDUCED CARBON FOOTPRINT**

The carbon footprint of F4F is reduced compared to standard reference products.

### **OPTIMAL USE OF RESOURCES**

F4F allows fish farmers to become “net fish producers”. Skretting MicroBalance™ technology, coupled with the use of innovative raw materials and food industry by-products, makes this possible.

### **RESPONSIBLE SOURCING OF RAW MATERIALS**

The raw materials are carefully selected according to their sustainability score.

### **SKRETTING QUALITY**

F4F quality is what you always experience with Skretting!



# 4Feed Future

## **THE FIRST CARBON NEUTRAL FEED**

F4F residual emissions are offset by the use of certified carbon credits to reach carbon neutrality. F4F carbon-neutral feed allows farmers to become part of the solution as climate leaders.

## **THE FIRST CARBON NEUTRAL FEED**

Back in 2017, Skretting set an ambitious target with the “Acqua in Bocca” project: supporting its clients to create value in the market leveraging on sustainability. Today, we take a step further with innovative products and services supporting Skretting clients in their sustainability journey.

**F4F BENEFITS**

**REDUCED ENVIRONMENTAL IMPACT**

F4F allows you to claim a significant reduction of the emissions generated by your fish throughout their life cycle (approximately 75%, however the actual figure needs to be validated under the specific conditions of every farm).

**A STEP TOWARDS CARBON NEUTRALITY**

Want to go further and to reach carbon neutrality? You are already halfway! You will only need to quantify, reduce and offset the CO2 emissions generated at farm level.



# 4 Feed Future

## GLOBAL WARMING

Global warming due to the emission of greenhouse gases is, without any doubt, the greatest challenge of the 21<sup>st</sup> century. In an increasingly informed market, consumers are more and more sensitive towards environmental issues, and responsible companies have a great opportunity: to make sustainability a competitive advantage. Moreover, the growing attention for the impact of the food value chain is also affecting aquaculture, where emissions are mainly generated by feed, farming and product distribution.



## YOUR JOURNEY TOWARDS CARBON NEUTRALITY

Producing a “carbon neutral” fish requires close cooperation between the feed producer and the farmer to reduce the impacts generated along the entire supply chain, from ingredients, to feed production, to the distribution of products. The CarbonBalance® program helps you to achieve this ambitious goal by taking actions on three levels: the feed itself, the feed conversion ratio, the impact of farming and distribution.

### FEED4FUTURE

If you want to reduce the environmental impacts of your product, F4F is the ultimate solution.



#### FORMULATION

F4F is designed for sustainability, being based on carefully selected raw materials and fully traceable supply chains.



#### THE PROCESS

Skretting process technology is committed to maximum energy efficiency. It is part of our journey towards sustainability.



#### CARBON CREDITS

Residual emissions are finally offset by purchasing certified carbon credits generated by projects with a positive impact on the planet. Reforestation, recovery of degraded forests, protection of existing forest areas, renewable energy production are all examples of projects generating carbon credits.

### AQUASIM: THE TOOL FOR PRECISION FEEDING

Feed conversion ratio is a key element to control production cost and a link between the feed producer and the farmer in the effort to reduce aquaculture environmental impact. AquaSim allows you to optimise the use of feed, reducing waste and therefore the environmental impact.

**AQUASIM™**

waste and therefore the environmental impact.

### SUPPORTING FARMERS TO REDUCE THEIR DIRECT IMPACT

When using F4F, the final step to achieve carbon neutrality status for your farm is the quantification of the emissions from farming activities, the implementation of improvement projects to reduce these emissions, and the offset of the remainder.



**SKRETTING  
CAN SUPPORT YOU  
IN THIS JOURNEY**

Skretting is a world leading producer and supplier of feed for farmed fish and shrimp. Total annual production of high quality feeds is over 2 million tonnes. Skretting has operating companies on five continents to produce and deliver feeds from hatching to harvest for more than 60 species of farmed fish and shrimp. Our purpose is #FeedingTheFuture.

[www.skretting.it](http://www.skretting.it)

