Cargill’s Sustainable Aquaculture Initiative

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Cargill
Focusing on feed for fish and shrimp

Cargill Aqua Nutrition

+ 2,000 employees
20 countries
2m metric tons
40 facilities
Cargill Aqua Nutrition feed operations

* Combined feed mill - shared livestock and aqua feed
How far has finfish aquaculture progressed?

Today’s aquafeeds are comprised of a diversity of ingredients, including:

- Soybeans
- Corn
- Peas
- Wheat
- Barley
- Rice
- Oils from soybean, canola, and flaxseed
- Algae
- Seafood processing co-products
- Yeast
- Insects

Adoption of these ingredients has reduced pressure on wild-caught fish stocks and is more cost-effective for farmers.
The evolution of the aquaculture feed sector

Where We’ve Been
- Marine Raw Materials
- Food Safety
- General Ingredient Certifications

What We’ve Achieved
- Economic Feed Conversion
- Carbon Footprint
- Novel Ingredients
- End to End Certifications

Where We’re Going
- Circularity
- Traceability
- Biodiversity
- Water
- Holistic Viewpoint
Aquaculture sector carbon footprint

- **65%** Raw materials

- **1%** Raw materials to feed mill
- **1%** Factory energy
- **1%** Feed to farm
- **7%** Feed conversion
- **10%** Health, welfare, and mortalities
- **15%** On-farm inputs

**Percentages for farmed salmon supply chain**
One of our goals is to help salmon farmers chart a path to net-zero emissions, with a program aiming to reduce their carbon footprint by 30 percent by 2030 compared to a 2017 baseline.

**SOURCE**  
Transforming supply chains

**OPTIMIZE**  
Doing more with less

**CARE**  
Safeguarding farmed fish