



GSI 2017 Sustainability Report

Leading the way to a more sustainable future—providing the world with a healthy and sustainable source of protein.

Sustainable Salmon Farming Plays an Important Role in Feeding the World

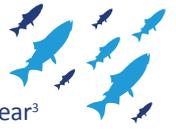
Demand for protein is set to **double** by **2050**¹



50% of seafood is currently farmed. Aquaculture is **needed** to support wild fish stocks²

3.2 million tonnes

of farmed salmon is produced globally per year³



Farmed fish, like salmon, is a healthy choice—high in **Omega-3 fatty acids, protein and nutrients**^{6,7,8}

Farmed fish is the most **resource-efficient** animal protein on the planet⁴

Feed Conversion Ratio ⁵	1.2-1.5*	1.7-2	2.7-5	6-10
Fresh Water ⁴	1 Gallon	2,000 Gallons	3,500 Gallons	2,500 Gallons
Carbon Footprint ⁵ (t of CO ₂ -equivalent per t of edible protein)	9.8*	42.3	57.6	337.2

*Figures reflect feed conversion ratio and carbon footprint of farmed Atlantic salmon

Global Salmon Initiative	17 members	8 countries	8 associate members	Key principles of 1. SUSTAINABILITY 2. TRANSPARENCY 3. COOPERATION
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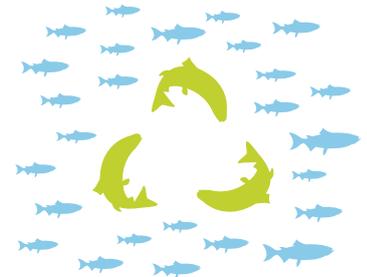


5 years' worth of data

All data for 2016 and 2017 have been **independently audited**



14 indicators based on **ASC standard** → **9** environmental + **5** social



Report highlights progress being seen in sustainability

Salmon farming is a positive contributor to local communities:

- GSI members employ over 20,000 individuals worldwide
- Ongoing commitment to often remote communities through engagement in local activities ranging from sports clubs, to recycling initiatives, to educational activities

Key sustainability highlights from report:

- Over 40% of farmed salmon produced by GSI members is ASC certified
- An average rate of almost 40% reduction in the use of sea lice treatments over 5 year period, combined with a marked increase in the use of holistic approaches to sea lice management and on-going sharing of best-practices
- Significant decreases in the amount of marine ingredients used in feed due to ongoing innovations into new alternative sources, and improvements in conversion ratios

Through focusing on its four **#PathwaysToTheFuture**—responsibility, transparency, collaboration and innovation—the GSI believes it can drive significant improvements in the sustainability performance of the aquaculture sector, making farmed salmon a healthy and sustainable solution to feed a growing population.

REFERENCES

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- 3 FAO of the United Nations Fisheries and Aquaculture Department – Fishery Statistical Collections. 2016. Available from <http://www.fao.org/fishery/statistics/global-aquaculture-production/en>. Accessed April 2018.
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- 7 United States Department of Agriculture (USDA). Dietary Guidelines for Americans 2015-2020. Eighth edition. 2015. Available at: https://health.gov/dietaryguidelines/2015/resources/2015-2020_Dietary_Guidelines.pdf. Accessed April 2018.
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GSI_Salmon

www.globalsalmoninitiative.org