

GLOBAL SALMON INITIATIVE

Change at speed and
scale



The current food system will not feed tomorrow's population



**Insufficient
fresh water**



**Insufficient
arable land**



**Insufficient
improvements
in productivity**



**Climate
change
stressors**

**Food production
systems and a
changing climate
are locked in a
vicious
downward spiral**

More food production =
more climate stress

More climate stress =
less food production

A blue revolution is needed



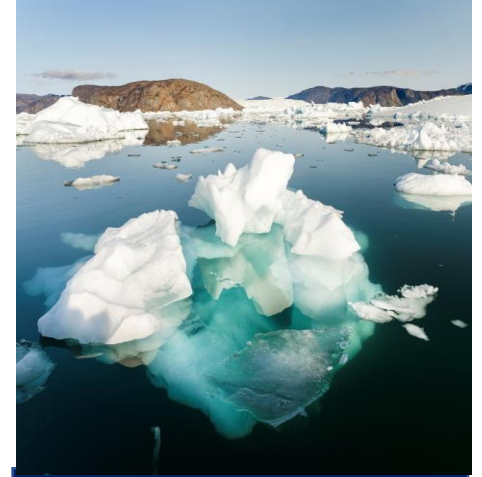
INCREASING
DEMAND FOR
PROTEIN



LIMITS TO
TERRESTRIAL
PROTEIN
PRODUCTION







WILD
FISHERIES
ALREADY AT
LIMITS



CLIMATE
CHANGE WILL
CHALLENGE
PRODUCTIVITY

Aquaculture is part of the solution

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 (grams CO2-equivalent / typical serving of 40 g edible protein)	0.6*	0.9	1.3	5.9

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

But improvements are still needed at speed and at scale



GSI is a successful experiment of change at speed and scale

14 members + 8 associate members

50% of global industry

A shared vision:

- Providing a healthy and sustainable source of protein to feed a growing population, while minimizing their environmental footprint, and continuing to improve their social contribution.

Company commitments

- Cooperate pre-competitively to mitigate environmental impacts
- Increased transparency



GSI is built on

SCALE

AMBITION

CAPACITY

COMMUNITY

TRUTH

Results are unprecedented



Continued changes will help improve access to sustainable protein

'Aquaculture could help steer animal protein production towards reduced environmental effects, and offer enhanced health benefits'

EAT Lancet Report



Lessons go beyond aquaculture

Greater identification and implementation of innovations

Increased impact

Change at speed

Industry-wide food system change

