



INTERNATIONAL
YEAR OF THE SALMON

Management of interactions between aquaculture and wild salmonids

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Interactions - hazards

Sea lice - marine

Escapes – marine and freshwater

Disease transfer – marine and freshwater

Right development, using the right
technology, in the right location



NASCO International Goals

100% of farms to have effective sea lice management such that there is no increase in sea lice loads, or lice-induced mortality of wild salmonids attributable to sea lice; and

100% farmed fish to be retained in all production facilities

Regulation

Recent scrutiny in Scottish Parliament –
'status quo is not an option'

Regulatory framework spread across several
regulatory bodies...confusing and poorly
coordinated

Local authorities

Scottish Environment Protection Agency

Marine Scotland Fish Health Inspectorate

Scottish Natural Heritage



Regulation

A world-leading regulatory and planning system which protects wild migratory fish and proactively seeks to address any local negative impacts;

Robust, transparent, enforceable and enforced





Adaptive management – sea lice and escapes

Monitoring wild salmonid fish in Scotland

Environmental Management Plans – condition of planning consent



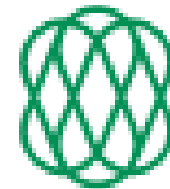
Working to develop techniques to sample wild fish and assess impacts at a local level

Monitoring of wild fish, with an appropriate and precautionary feedback to farm management, should become a statutory responsibility on all farms



Scottish Government
Riaghaltas na h-Alba
gov.scot

marinescotland



**Crown Estate
Scotland**

Oighreachd a' Chrùin Alba



Environmental Management Plans – Key principles

Arrangements should cover all farms in the management area;



Should ensure that salmon farming activity does not result in negative impacts to local salmon and sea trout populations and fisheries.

- monitoring of lice burdens on wild fish;
- a framework for cooperation and transparency;
- a framework for adaptive management – management measures taken in response to evidence of negative impacts on wild salmonids;



What do we want to see?

- Thriving salmon and sea trout populations and fisheries without negative impacts arising from salmon farming;
- A harmonious local coexistence with an industry that understands the importance of being a good neighbour and communicates openly and transparently with stakeholders;
- A world-leading regulatory and planning system which protects wild migratory fish and proactively seeks to address any local negative impacts; and
- Investment of a proportion of any profits generated into the protection and improvement of local salmon and sea trout populations and fisheries.