



Aquaculture Dialogues

Jay Ritchlin, on behalf of the Salmon
Aquaculture Dialogue Steering Committee

March 12, 2009

Goal of the Aquaculture Dialogues

Create standards for environmentally and socially responsible aquaculture



Why create standards?

Minimize aquaculture's impact on:

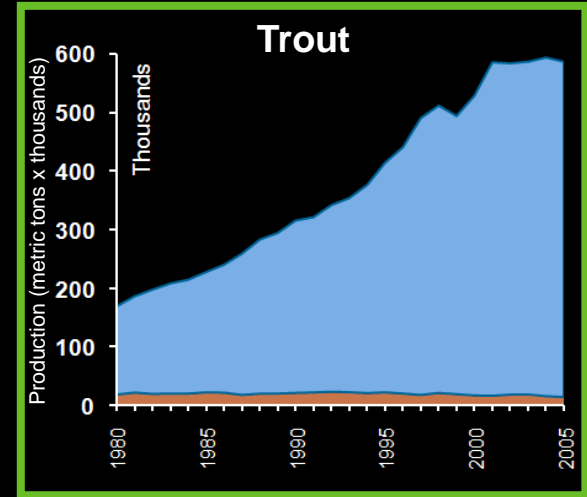
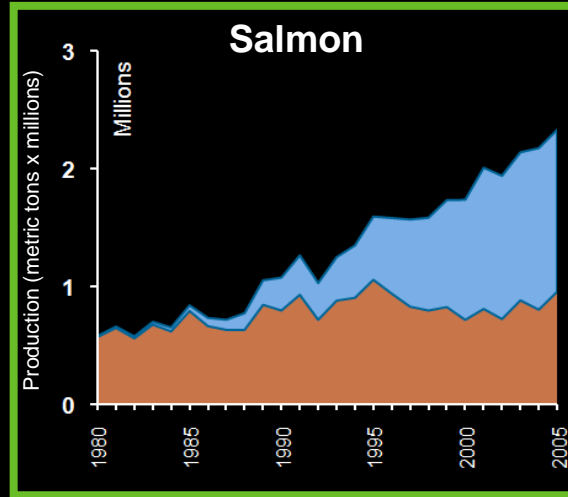
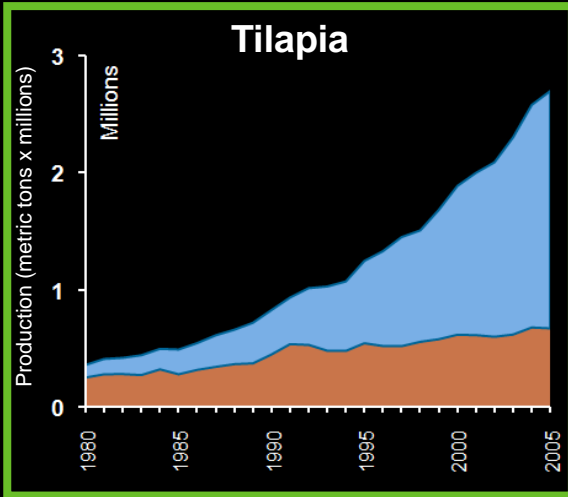
- environment
- society



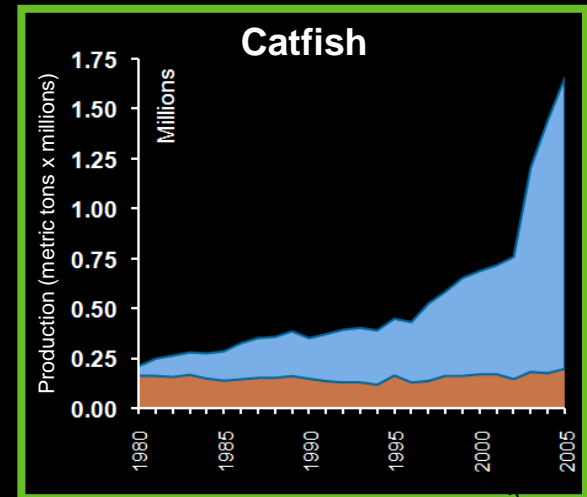
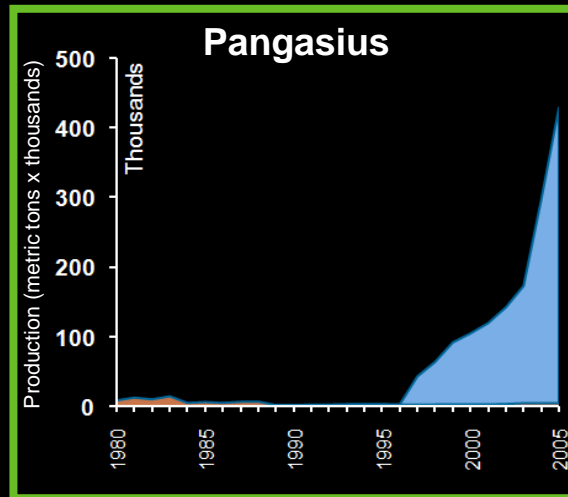
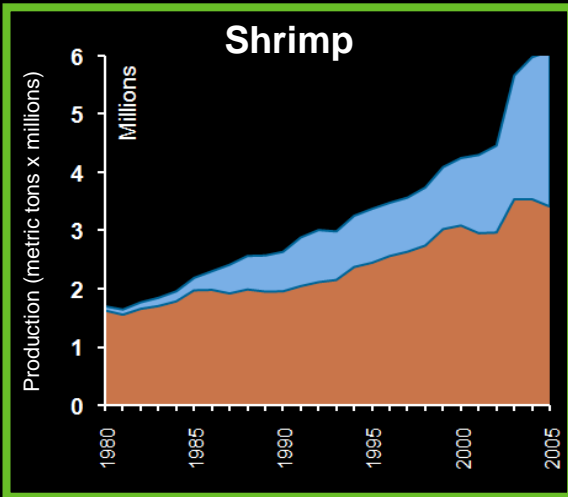
Use standards to transform aquaculture

- Certify products
- Benchmark other standards
- Incorporate into government programs
- Create foundation for buyer and investment screens

Standards to be created for 12 species

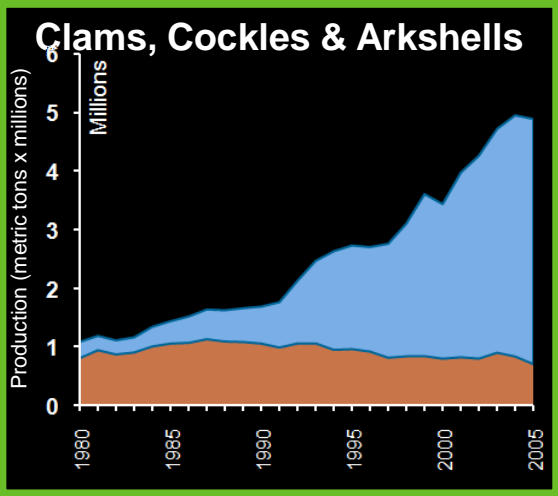
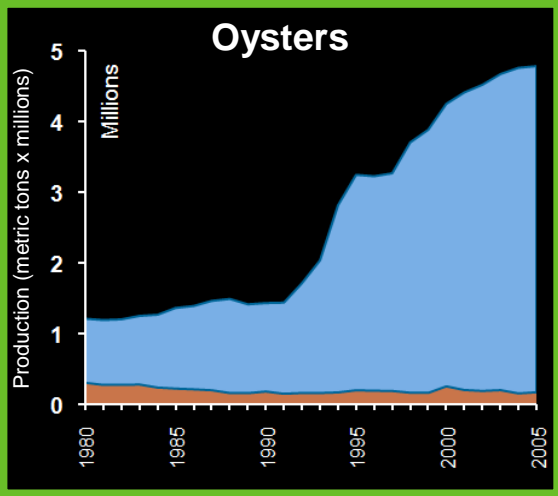
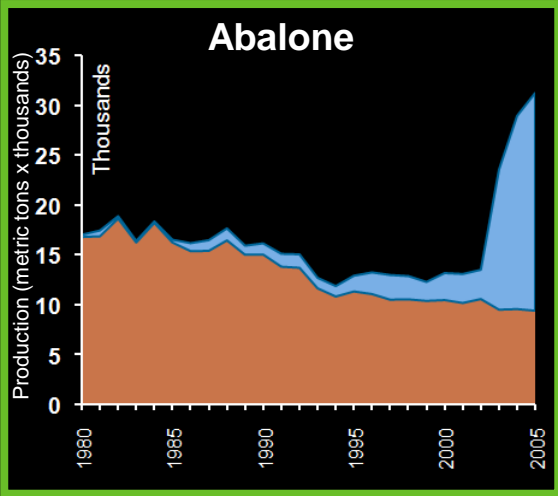


■ Aquaculture ■ Capture

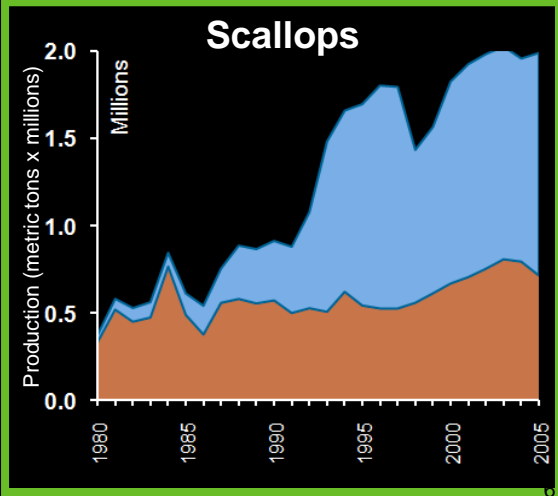
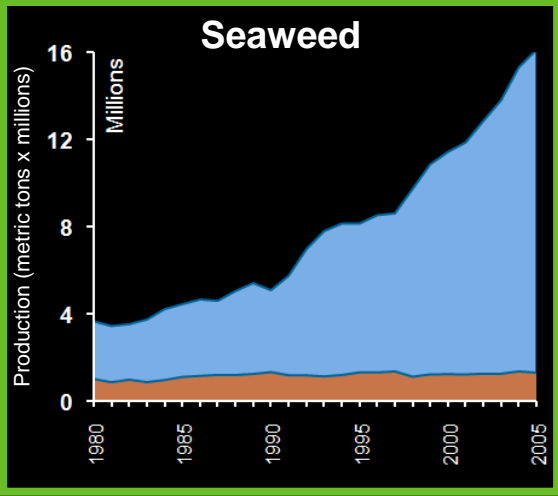
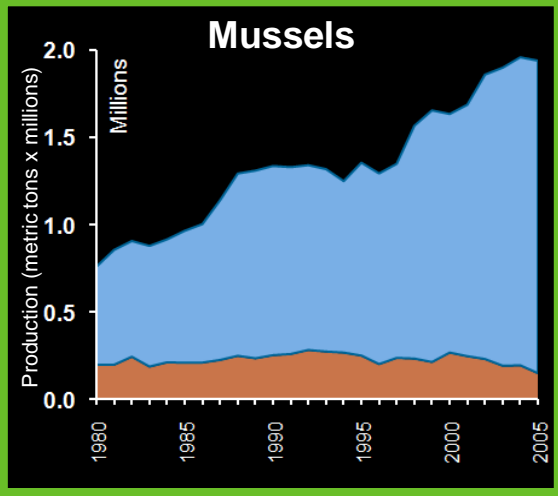


Source: FAO FishStat – Aquaculture Production: Quantities 1950-2005 and Capture Production: 1950-2005

Standards to be created for 12 species



■ Aquaculture ■ Capture



Salmon Aquaculture Dialogue

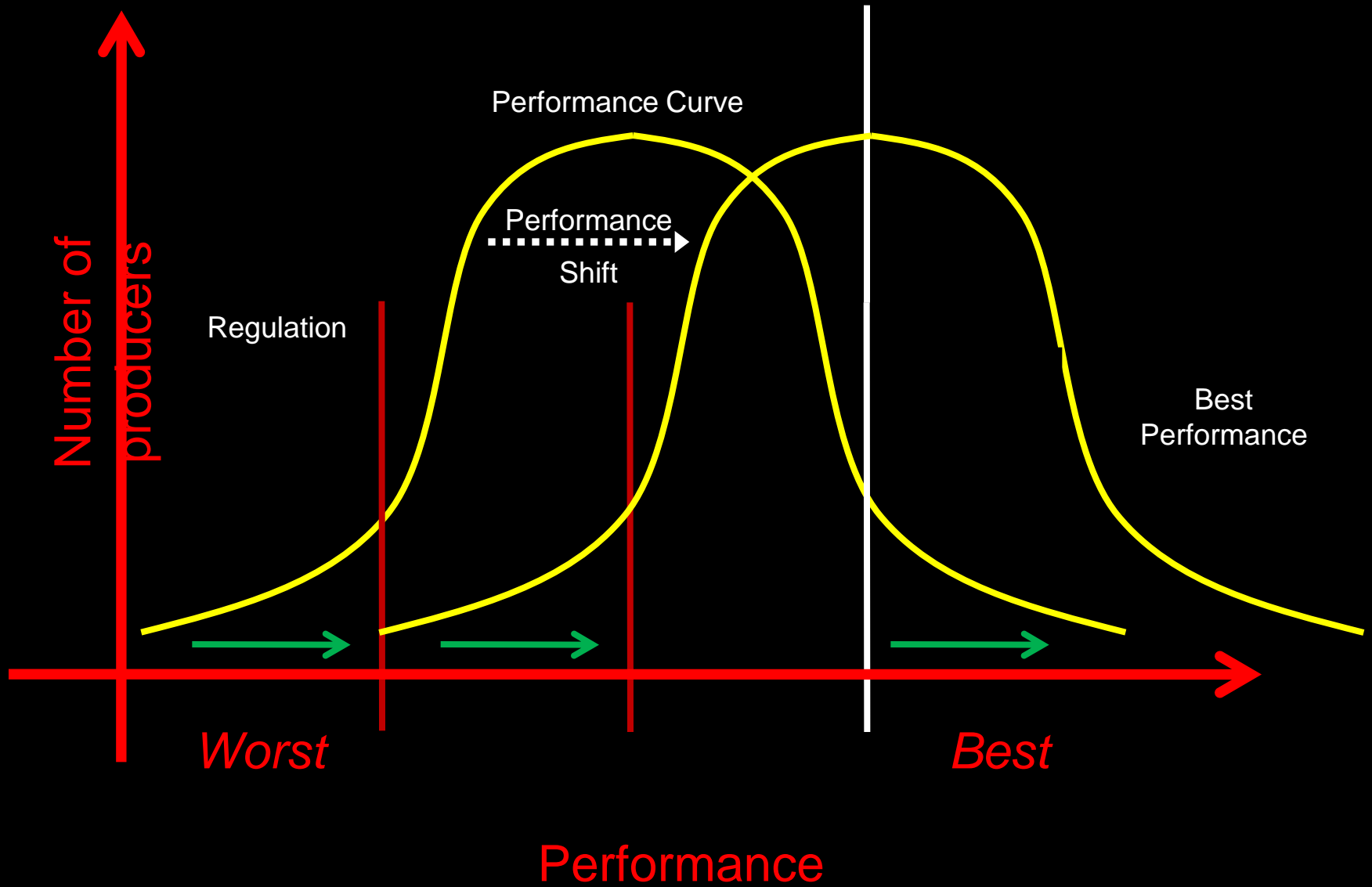
Canadian Aquaculture Industry Alliance, Coastal Alliance for Aquaculture Reform, Fundación Terram, Marine Harvest, Norwegian Seafood Federation, Pew Environment Group, SalmonChile,, Skretting, WWF

March 12, 2009

Goal of the Salmon Aquaculture Dialogue

The goal of the Dialogue is to credibly develop and support the implementation of measurable, performance-based standards that minimize or eliminate the key environmental and social impacts of salmon farming, while permitting the industry to remain economically viable.

Standards will encourage innovation



Dialogue Process

- Multi-stakeholder
- Consensus oriented
- Transparent
- Based on sound science
- Performance-based
- Measurable standards
- ISEAL compliant



Dialogues are open to everybody

- 2-6 meetings/year/species
- 30-100 people at each meeting
- Key stakeholders: NGOs, academics, producers, buyers, government

Participation at many levels

- Attend Dialogue meetings
- Do not attend but provide input
- Join a technical working group
- Join an advisory group
- Coordinate the Dialogue
- Serve as a steering committee member

The Dialogue Steering Committee

- **Multi stakeholder Steering Committee (SC).**
- **All SC decisions are made by consensus, with an agreed upon fall back voting protocol.**
- **The SC aims to move the Dialogue forward while incorporating ideas, issues, and concerns from the full Dialogue**
- **Relevant documents available on the web**

Dialogues are transparent

- All meeting documents posted on the web
- Invitations sent to key stakeholders
- Meeting notices in trade publications

Dialogues have a roadmap

- 6 – 8 key impacts identified
- Goals/objectives approved



Dialogues have a roadmap

- Stakeholders propose criteria
- Technical working groups or stakeholders propose farm-level indicators and standards
- Two 60-day public comment periods are held
- Steering Committee finalizes full suite



Key impacts

1. **Benthic impacts and siting**
2. **Chemical inputs**
3. **Disease and parasites**
4. **Escapes**
5. **Feed**
6. **Nutrient loading and carrying capacity**
7. **Social Issues**

State of Information Reports

- **Created by Technical Working Group**
- **Create a common understanding for building consensus among participants**
- **Lay the basis for drafting of principles, criteria, indicators and standards**

Technical Working Groups (TWG)



- Reports were commissioned on the key impact areas
- TWGs and ToRs formed in an iterative and participatory process

Technical Working Groups

- Five reports completed and available on website
- Each report presented at a full Dialogue meeting
- Public comments solicited



How do we define “standard?”

- **Impact:** The problem we want to minimize
- **Principle:** The guiding principle for addressing the impact
- **Criteria:** The area to focus on to address the impact
- **Indicator:** What to measure in order to determine the extent of the impact
- **Standard:** The number and/or performance level to reach to determine if the impact is being minimized

Principles



Standards

Moving towards standards

- **Principles**
 - **Two rounds of revisions and public comment**
- **Criteria**
 - **Drafted, discussed, revised, and posted for public comment**

This Meeting: Goals

- Develop shared understanding of the SAD standards development process, including work done to date.
- Present and discuss disease working group reports and findings, and clarify implications for SAD standards.
- Collect feedback on revised draft criteria for use by Steering Committee in development of final draft criteria.

Suggested Ground Rules

(what we can ask of each other)

- **Encourage sharing of views, opinions, ideas and options**
- **“Listen” respectfully**
- **Seek to understand rather than assuming motives**

Suggested Ground Rules **(what we can ask of each other)**

- **Stay on track with the agenda**
- **Express your own views rather than speaking for others**
- **Strive to bridge gaps in understanding and seek creative resolutions**
- **Limit cell phones and email to break times**

Thank You

<http://worldwildlife.org/salmondialogue>