Aquaculture Dialogues

Creating standards. Transforming aquaculture.

Jose R. Villalon
Managing Director, Aquaculture WWF

Goal of the Aquaculture Dialogues

Create standards for responsible aquaculture

Why create standards?

Minimize aquaculture's impact on:

- environment
- society

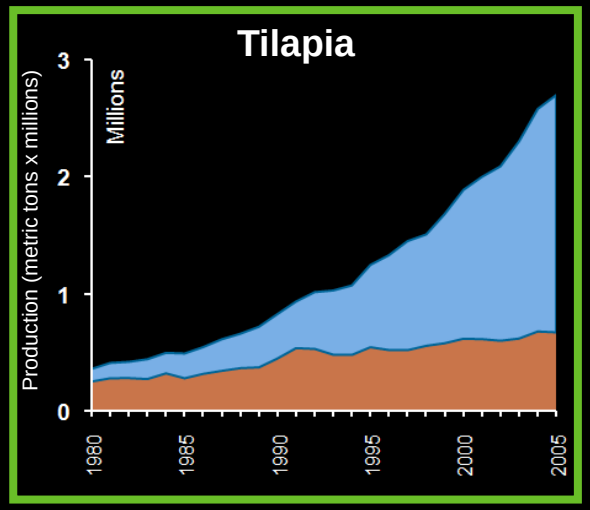
Focus on the key impacts

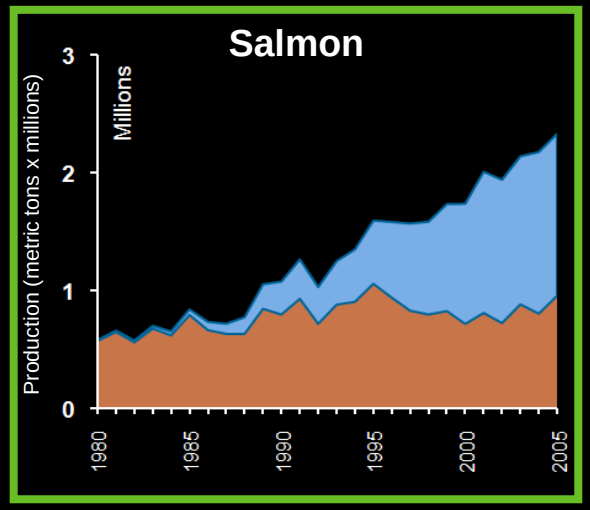
- Loss of habitat
- Transfer of disease
- Water pollution caused by excess chemicals and waste
- Depleted supplies of pelagic fish
- Unsafe working conditions

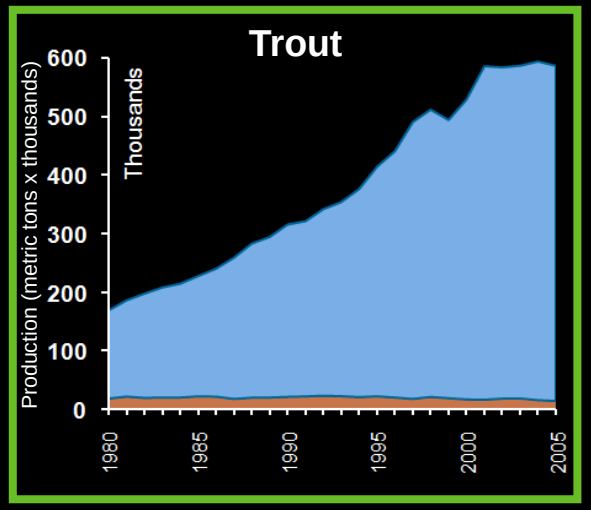
Use standards to transform aquaculture

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

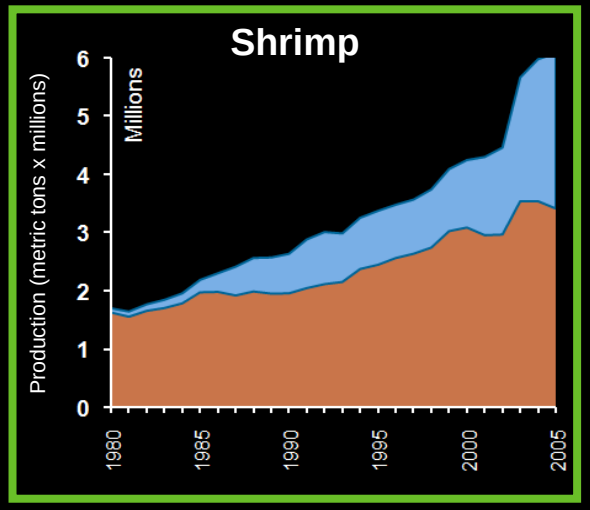
Standards to be created for 12 species

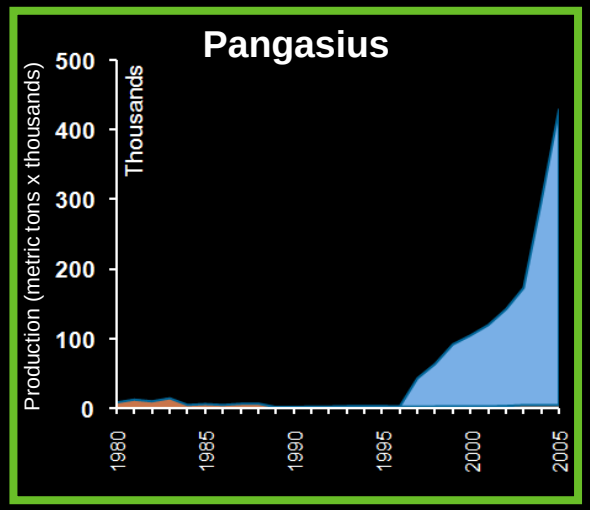


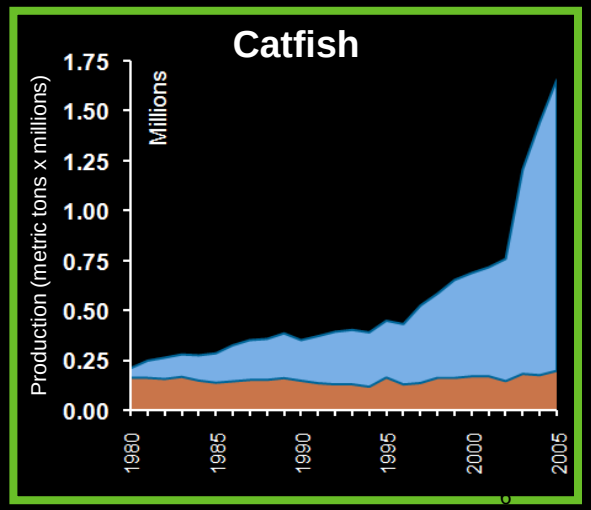




Aquaculture Capture







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

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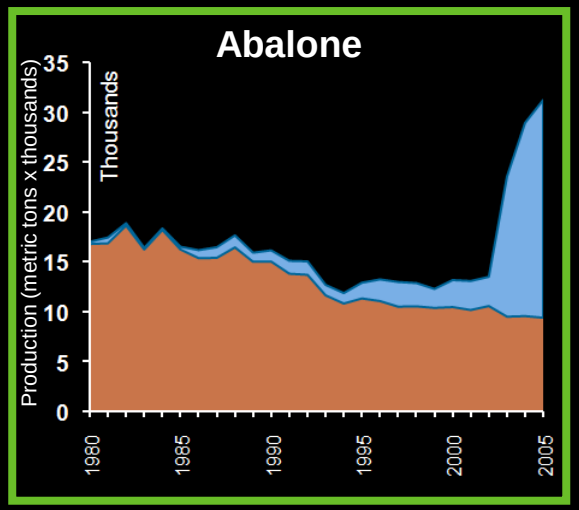

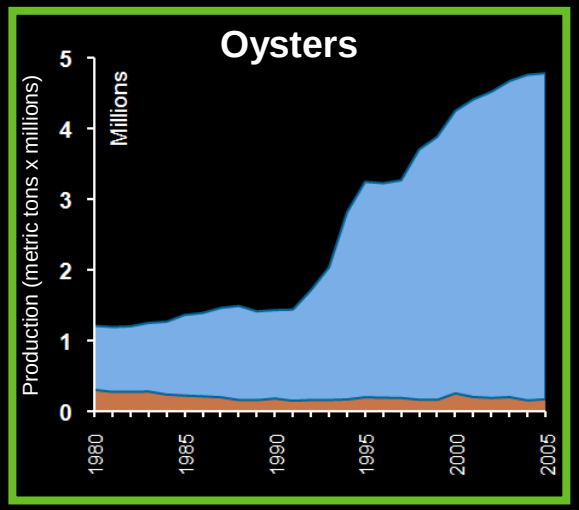

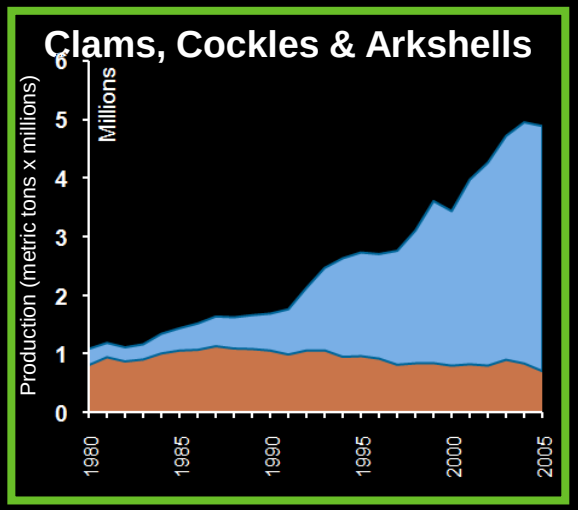

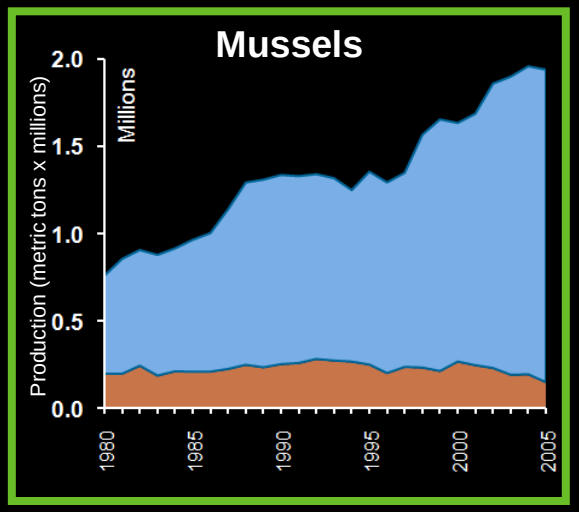

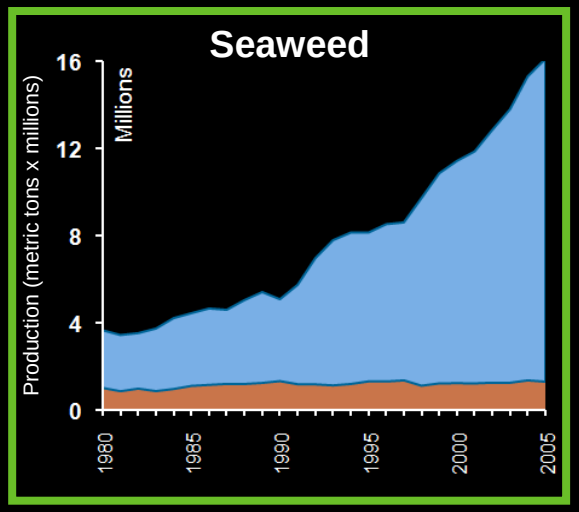

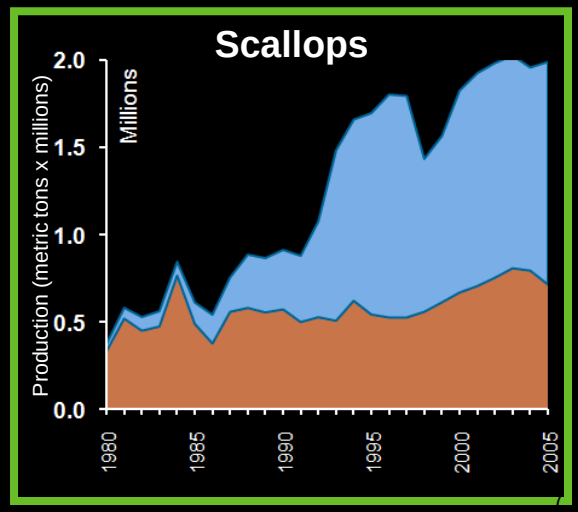

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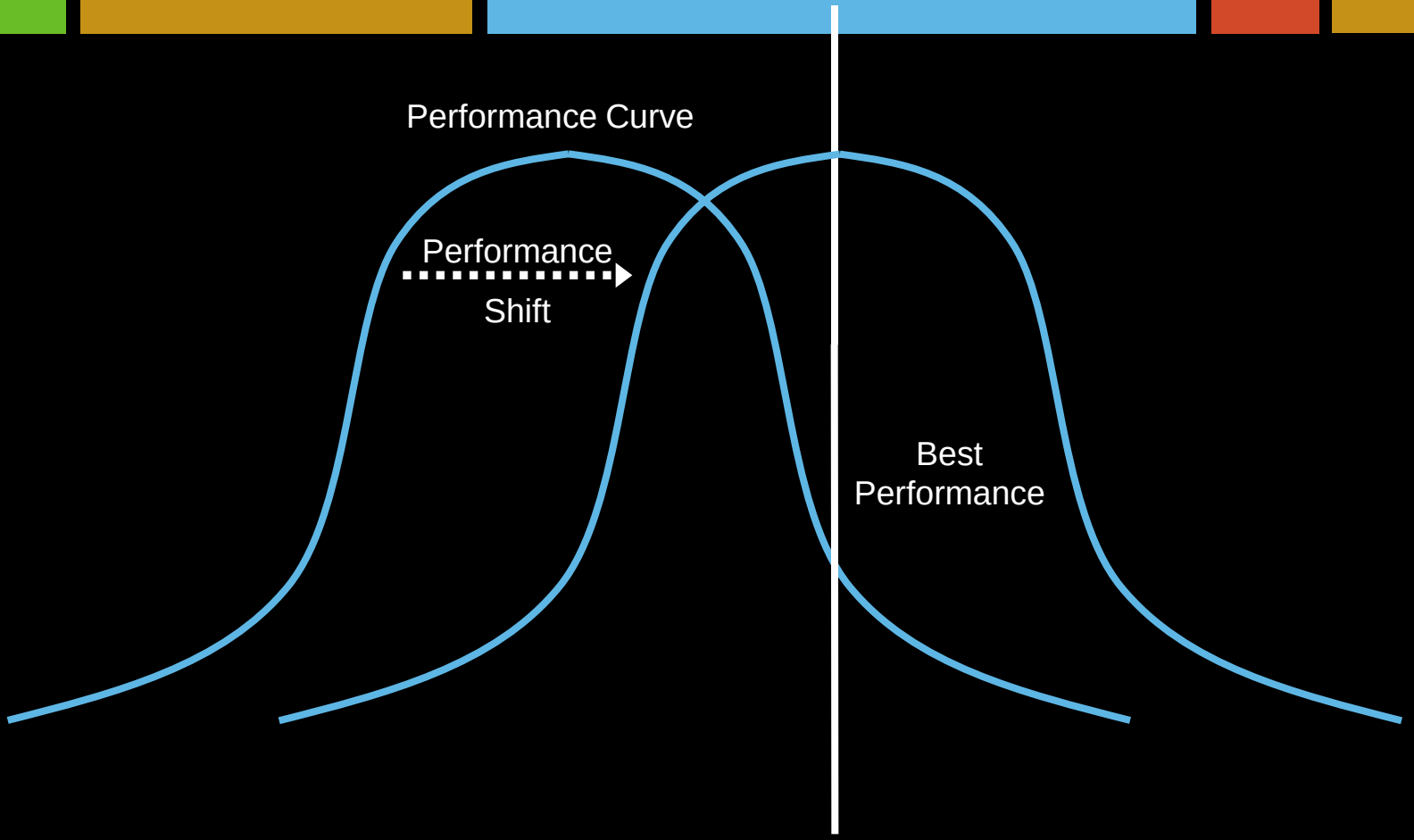
How do we define “standard?”

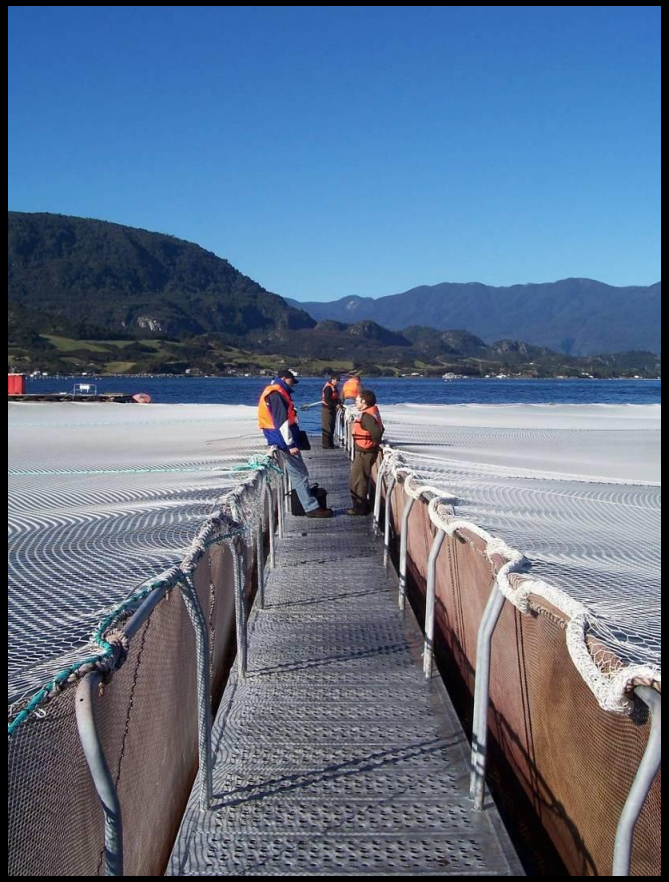
	Definition	Non-scientific example	Scientific example
Impact	The problem we want to minimize	Overweight	Water pollution
Principle	The guiding principle for addressing the impact	Maintain a healthy weight	Conserve and protect natural resources
Criteria	The area to focus on to address the impact	Food consumption	Effluents
Indicator	What to measure in order to determine the extent of the impact	Calories	Nitrogen concentration in the effluent
Standard	The number and/or performance level to reach to determine if the impact is being minimized	< 10 calories/pound of body weight/day	4 mg/L total nitrogen in effluent

Standards will encourage innovation



Process is tried and true

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



Dialogues are open to everybody

- 2-9 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

Steering Committee manages process

- Global and regional committees
- Make final decisions, by consensus
- Resolve issues

WWF coordinates but does not manage the process

Dialogues are transparent

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

Dialogues have a roadmap

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

Dialogues have a roadmap

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

  finalizes full suite

Get involved

- November
  - Salmon in United Kingdom
  - Shrimp in Asia
  - Molluscs in Spain
  - Trout in Denmark
- December
  - Pangasius in Vietnam
  - Molluscs in British Columbia
- February
  - Abalone in South Africa

Get involved

www.worldwildlife.org/aquadialogues

aquacultureinfo@wwfus.org