

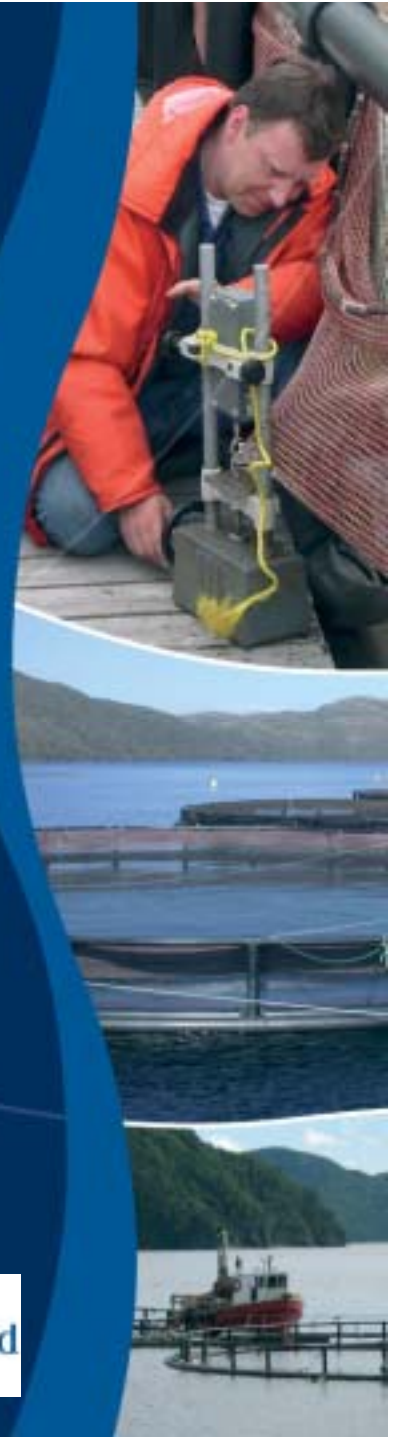
Sustainable Aquaculture in Newfoundland and Labrador

Designing a Sustainable Future
for Rural Communities

Fairmont Hotel
June 3, 2008

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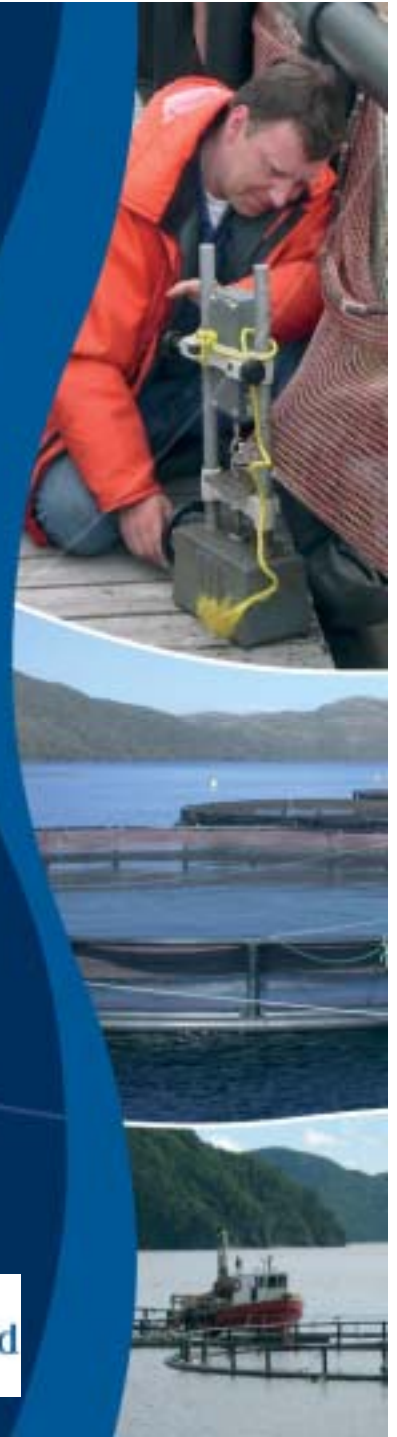
Government of Newfoundland and Labrador Approach

Sustainable Development Act

Sustainable development is not simply a strategy for environmental conservation...sustainable development recognizes that the use of the environment and its resources is crucial for improving the quality of life.

Horizontal Policy Development

The formation of public policy around the sustainable development of natural resources requires that all in-line departments and agencies of government have a role to play.



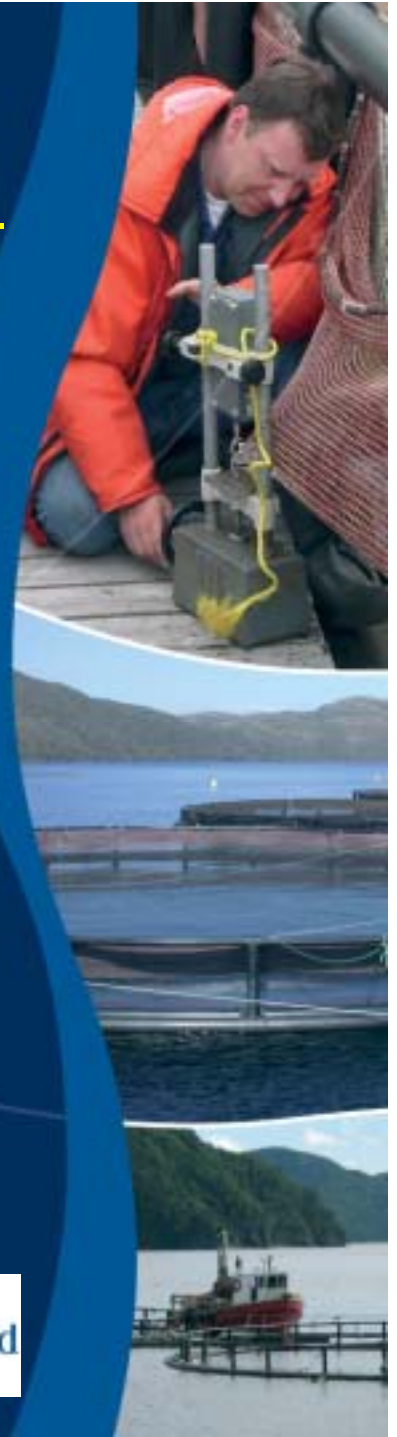
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Aquaculture - Why Here ?

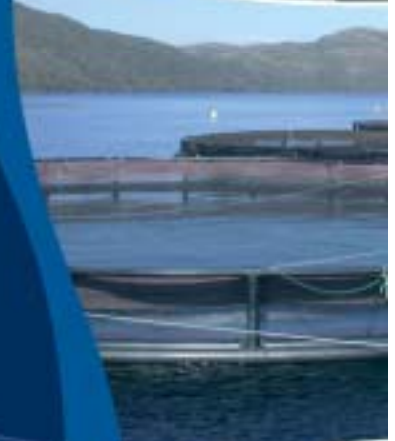
- Last remaining region in North America for development
- Business friendly licensing process
- Build on lessons learned from other areas
- Actively pursue new investment
- Aquaculture provides:
 - Rural and long term employment
 - Attracts younger workers
 - Brings in export dollars
 - Creates sustainable industry



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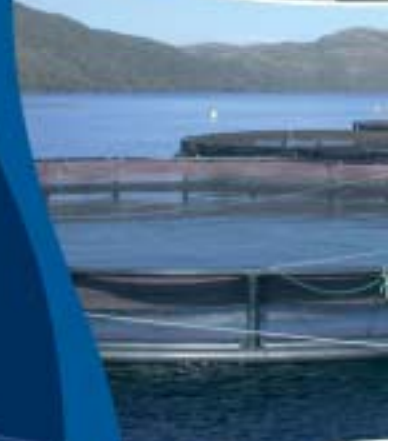
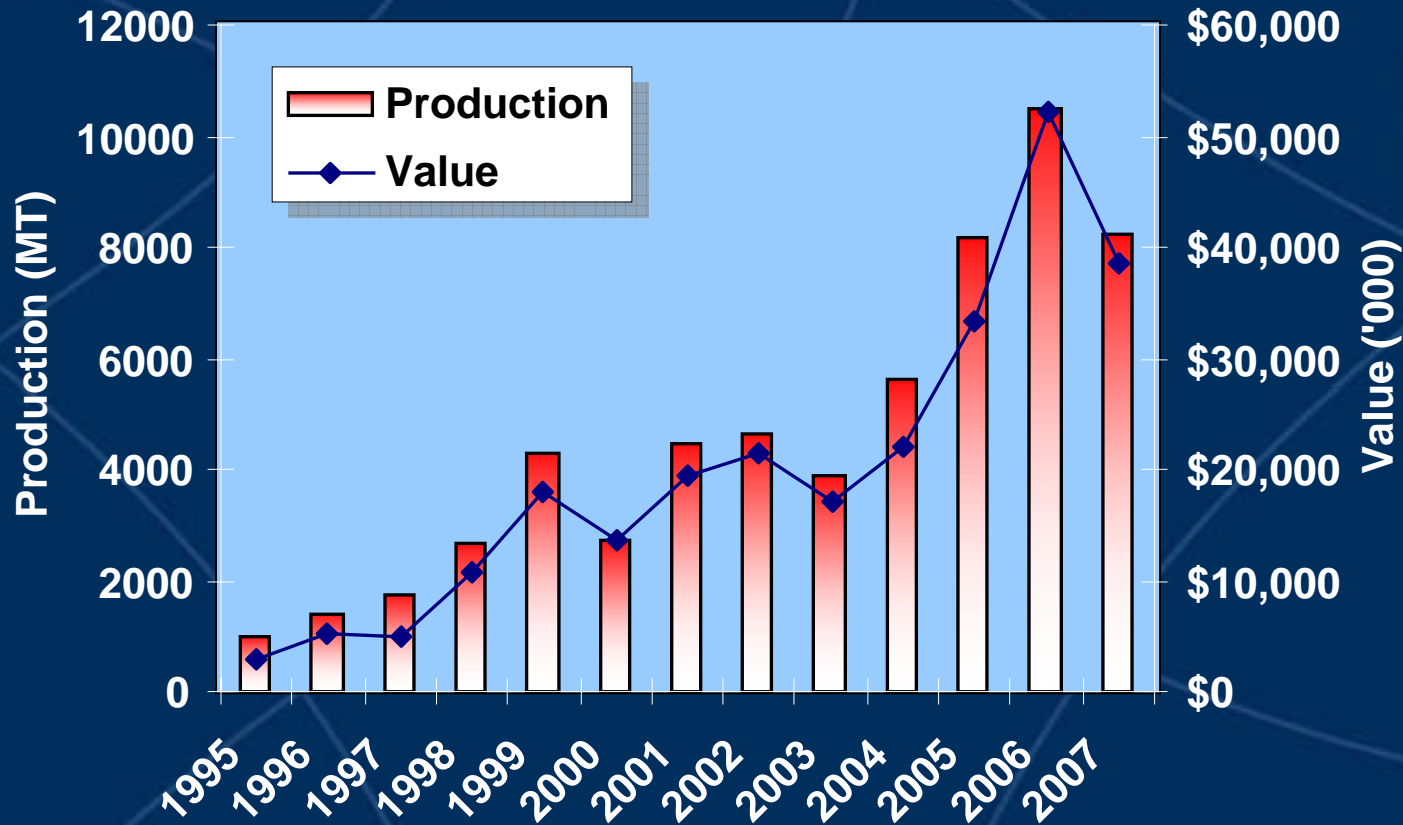
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1995-2007 Industry Statistics



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2007 Aquaculture Industry

Species	Licence Type	Number	Hec
Blue Mussels	Commercial	51	3167
	Developmental	2	270
Other Shellfish	Commercial	10	497
	Developmental	1	15
Rainbow Trout	Commercial	3	5
	Developmental	1	15
	Hatcheries	3	8
Steelhead	Commercial	13	236
	Hatcheries	1	0
Atl. Salmon	Commercial	27	735
	Hatcheries	3	7.5
Atl. Cod	Commercial	9	96
Eel	Hatcheries	1	0

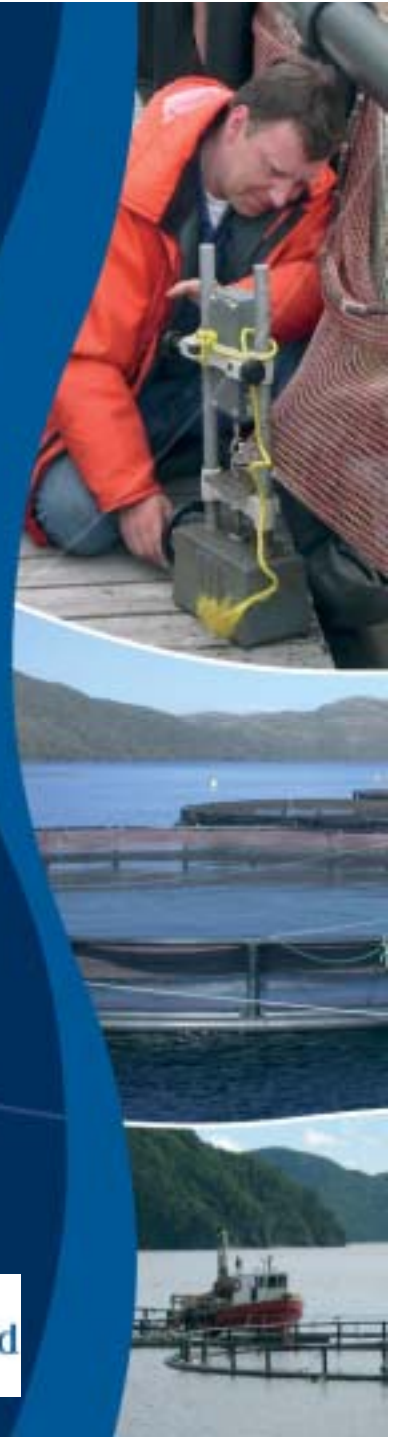
2007 Totals

Commercial = 113 (4736 Ha)
 Developmental = 3 (285 Ha)



Factors leading to sustainability and standardization...

- Industry Consolidation
- Accountability / Transparency
- Community Sustainability
- Environmental Sustainability
- Consumer Demands – food safety



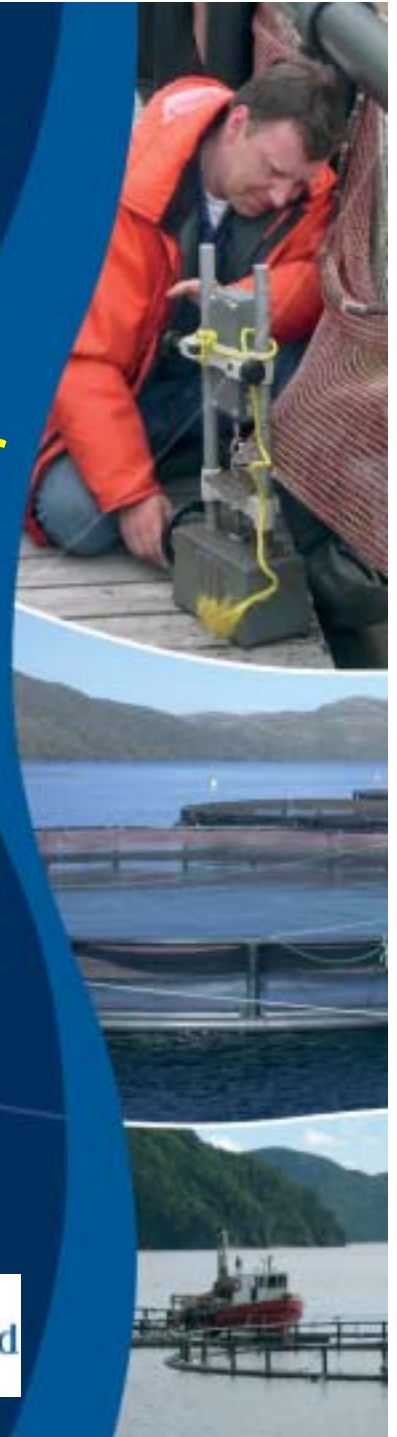
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Standardization Challenges...

- Who is responsible? (Government or Industry)
- Nature of aquaculture governance
- Multiple certification schemes
- Market demands



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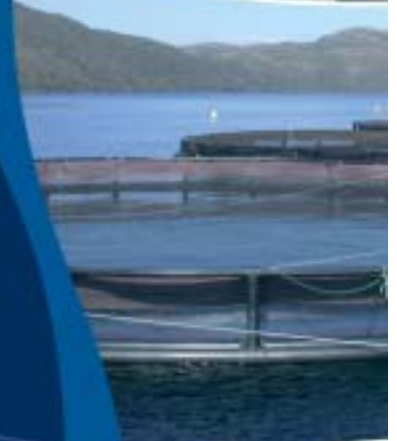
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Standardization Opportunities...

Regulatory Perspective

Performance Measurement / Targets

- Indicators
 - ✓ Biodiversity
 - ✓ Sulphides
 - ✓ Organic Flux
- Measurement Methodology
 - ✓ Sampling Protocols



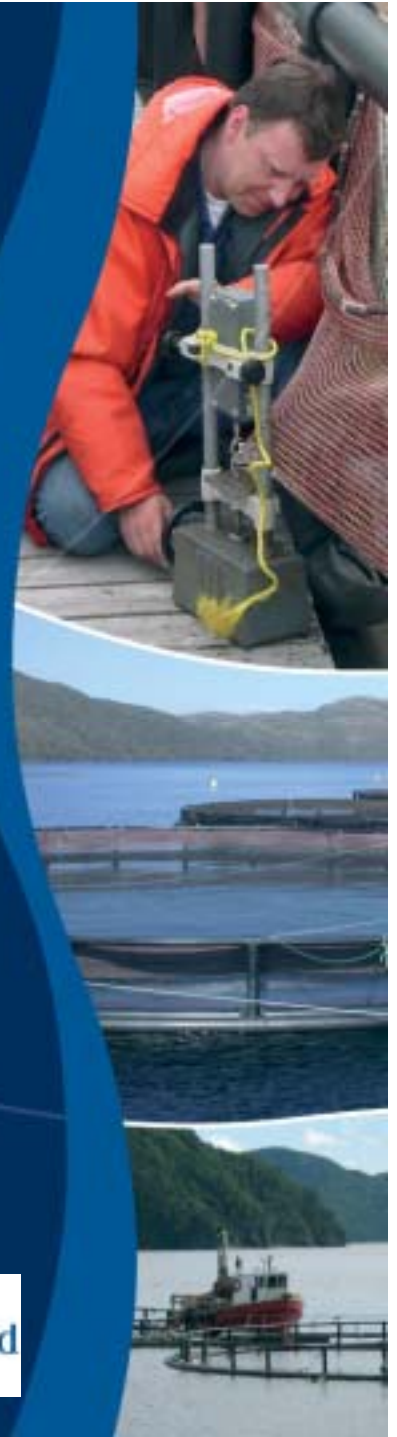
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Opportunities...(con't)

- Industry Reporting
 - ✓ Indicators - Production, Value, Employment, etc.
- Compliance to International Systems
 - ✓ International Standards Organization
- Surveillance Programs
 - ✓ Aquatic Invasive Species



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Department of Fisheries and Aquaculture Aquaculture Branch

Industry Development to Sustainable Management

NL Aquaculture Strategic Plan Update

Policy, Regulatory and Legislative Review

Management Plans

- Regional
- Provincial



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Department of Fisheries and Aquaculture Aquaculture Branch

Industry Development to Sustainable Management

- Code of Containment
- Aquaculture Sustainable Development Policy
- Environmental Codes of Practise
- Atlantic Canada MOU on Aquaculture



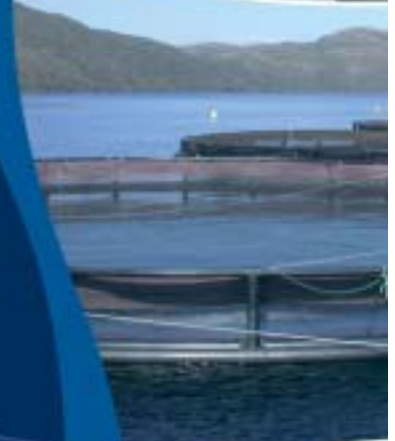
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Thank You



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