

Review of CASF's 2008-2009 Activities

- 1. BCSFA Benchmarking Program**
- 2. (Toronto) Standards Workshop**
- 3. Global Market Report**
- 4. Mussel Industry Benchmarking Program**
- 5. Char / Oyster Benchmarking**
- 6. Global Reporting Index**



BCSFA Benchmarking Programs

August 2008

Global Trust's *Preliminary Report: Standards and Certification.*

- Desktop Assessment -

Level of preparedness for international certification programs.
Based on Regulatory package and known industry practices

January – March 2009: Benchmarking Process

Customized/open audits (Field work)

Individualized recommendations regarding company options.

Customized/Open Audits (Field work)

Audits against known aquaculture Standards and international reference documents.

‘Quality and best practices’ including fish health, product quality, welfare, husbandry, traceability, and food safety.

Economic – Environmental - Social (esp. First Nations)

Typical Gap Analysis Feedback

Radar Plot of Audit Findings for Environmental Components

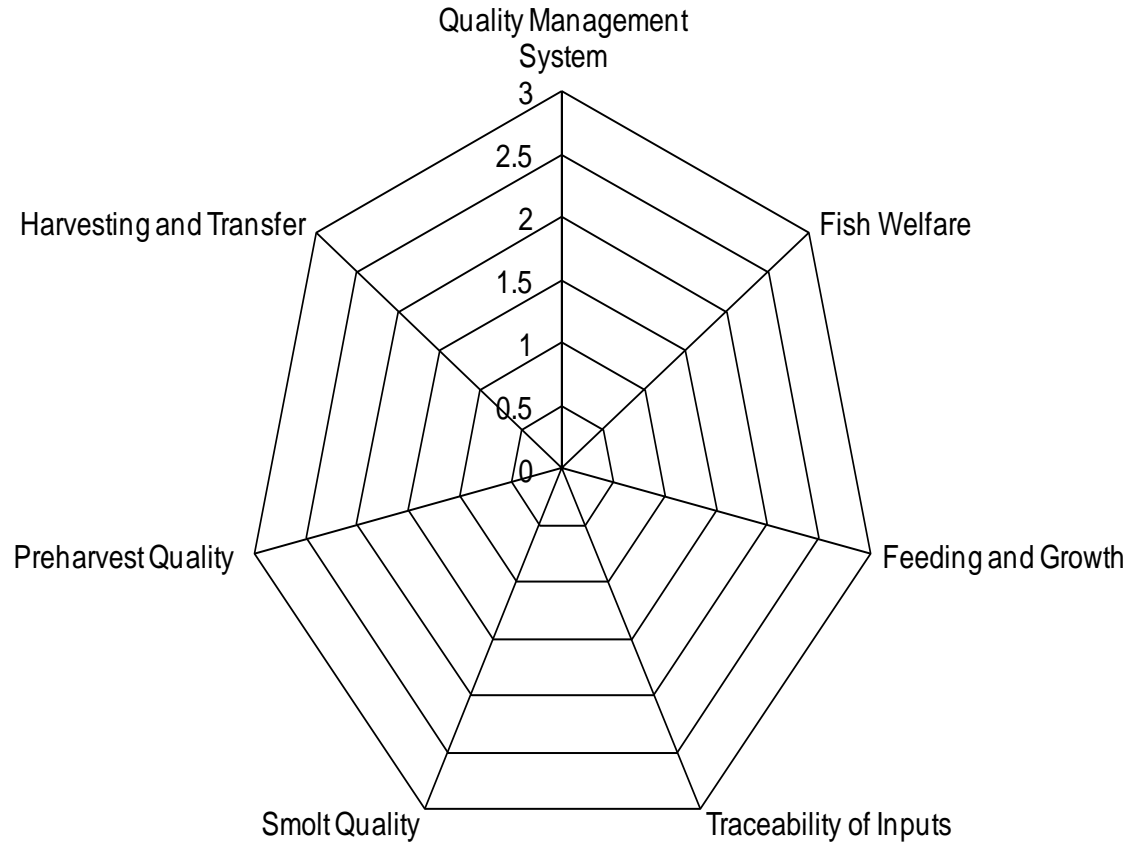
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Typical Gap Analysis Feedback

Radar Plot of Audit Findings for Quality Performance

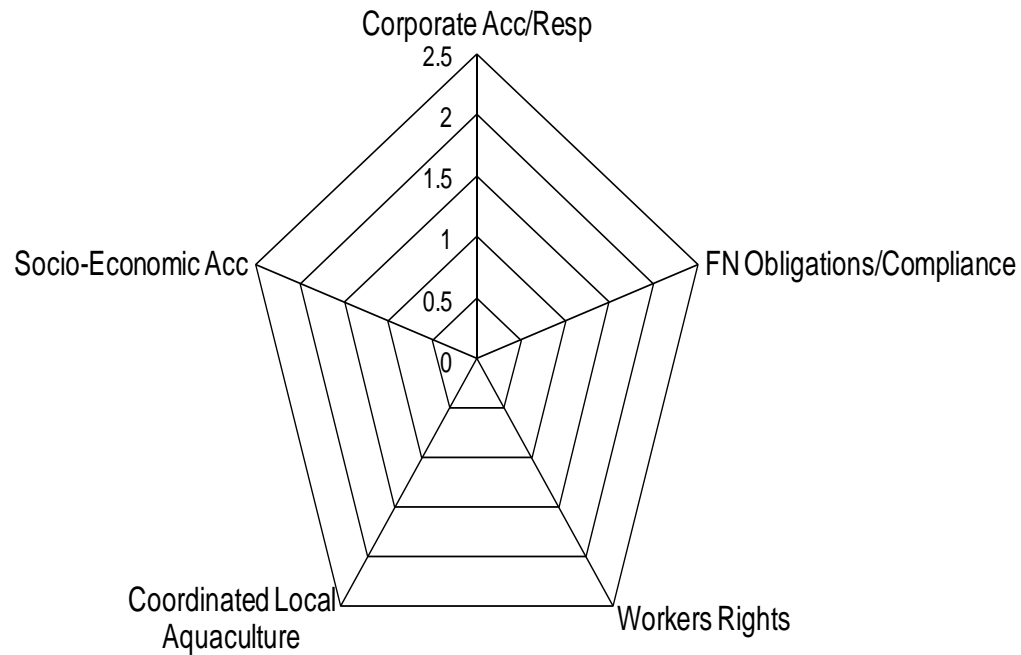
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Typical Gap Analysis Feedback

Radar Plot of Audit Findings for Social License Components

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CASF Toronto Workshop

February 2009

Diverse Program.

Strong Industry Representation.

All major species groups, i.e., salmon, mussels, oysters, char and trout.

Definitive outcomes and expression of interests



CASF Toronto Workshop

Workshop “Next Steps” Summary

Continue high level of communication and accessibility of standards and certification information to Industry through CASF.

Continue movement toward standards & certification programs for salmon.

Move toward Benchmarking programs for Mussels – Oysters - Freshwater (trout/char)

Current Introductory Overview

- 2009 Baseline Document -

- Discussion / information for CAIA members.
 - Possible CAIA/CASF 'living document'

Document available for review and comments



Mussel Industry Benchmarking Program

Pre-Audit Evaluations:

(Desktop reviews and pre-audit meetings)

Benchmark Audits (field work, i.e., site audits)

Mussel/oyster producers and processors

Atlantic and Western Canada (NS, PEI, NL and BC)

Six companies

Various industry meetings

Individualized Company Reports

Industry overview



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Industry Update next week (Saint John, N.B.)

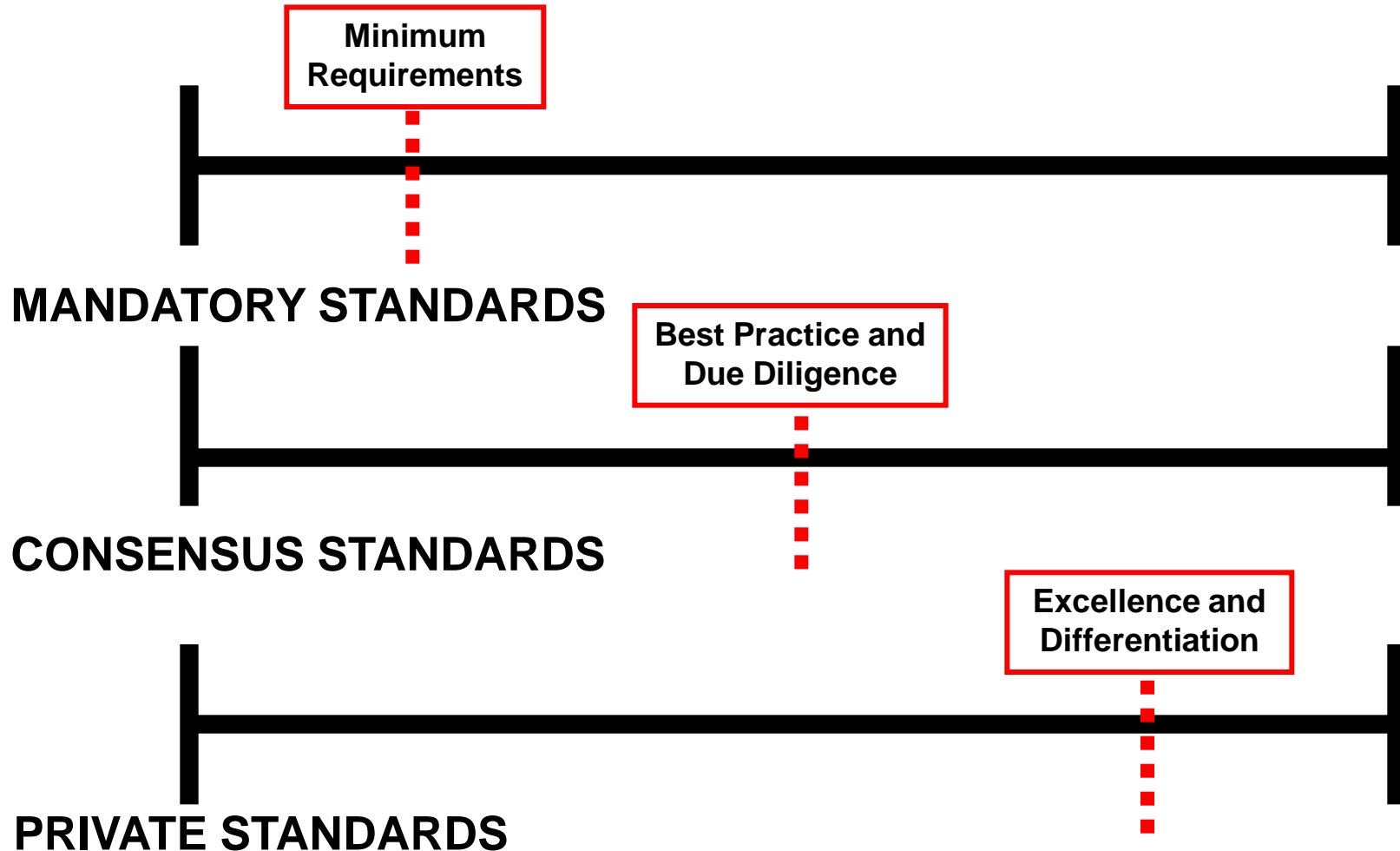
Project End Date: March 2010



Mussel Industry Benchmarking Program

Interim discussions (November 2009):
Industry response to various emerging standard developments

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Arctic Char and Oyster Benchmarking Programs

- 1. Pre-Audit Evaluation and Consultation**
- 2. Benchmark Audit / Individualized
Company Report**
- 3. Project End Date: March 2010**



GRI: National Industry-Level Sustainability Reporting Framework

Assessment of sustainability reporting framework for the Canadian salmon aquaculture industry



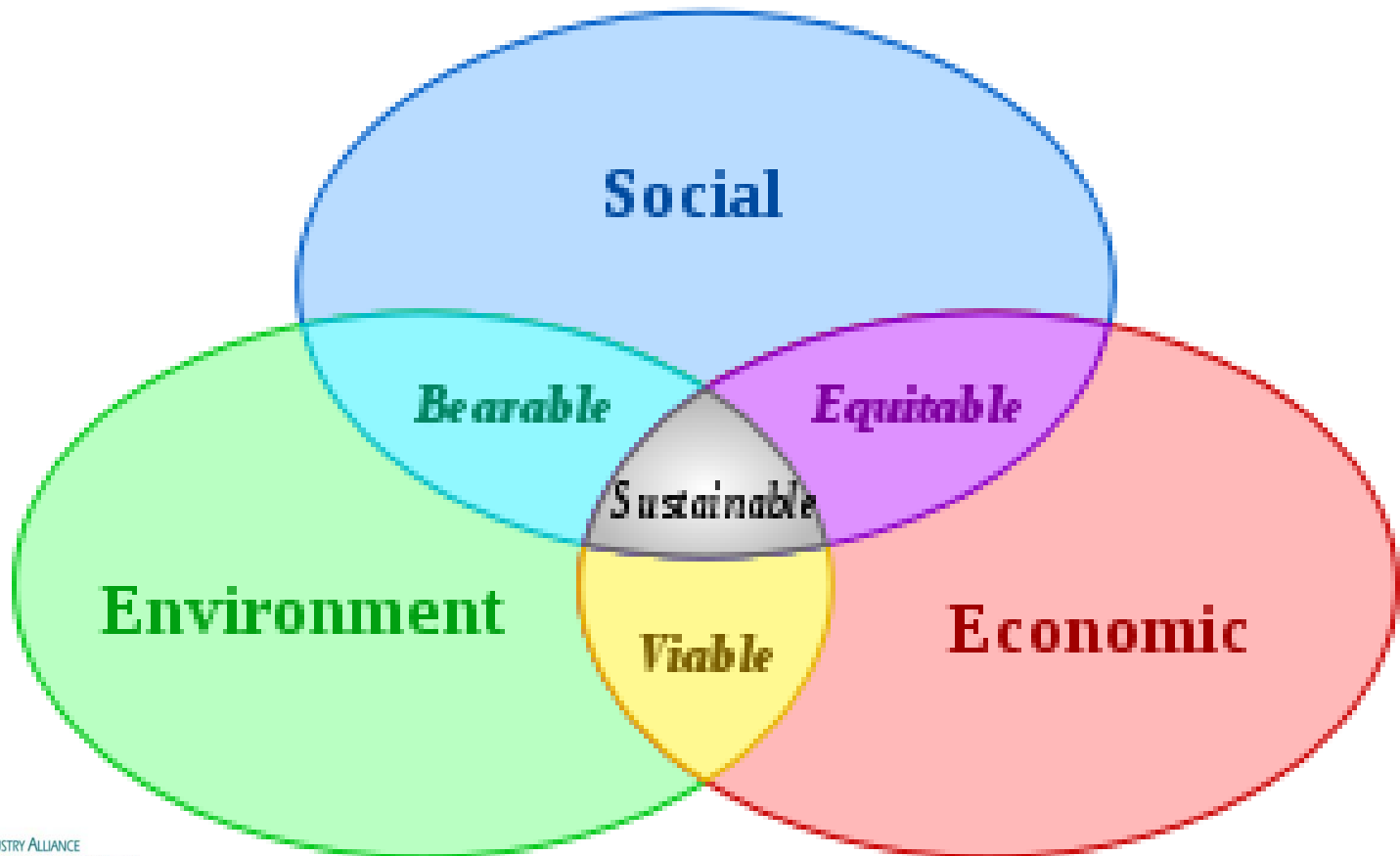
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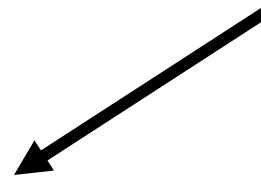
Introduce industry-wide sustainability reporting using Global Reporting Initiative (GRI) platform

If applicable, other sectors later

Globally recognized sustainability reporting framework



Steps



- **Survey Stakeholders**
- **Compile results**
- **Define Performance Indicators**
- **Monitor Performance Indicators**
- **Write report**
- **Publish report**
- **Gather report feedback**
- **Prepare for next cycle**



Challenging

How do you consult?

**Which Performance Indicators can you
feasibly report on?**

Industry Agreement on metrics?

Internal investment (person-power) decision.

Making it relevant for Stakeholders & Industry

Performance Indicators (PI's)

GRI Training BC and NB

GRI Training lacked details on PI's

Especially aquaculture-specific PI's

Challenge

Is it possible to identify common regional industry-level Performance Indicators that might support national sustainability reporting????

Performance Indicators (PI's)

Environment

- 1. Containment**
- 2. Sea-lice (biodiversity)**
- 3. Benthics**
- 4. Use of medicines, vaccinations and chemicals**
- 5. Habitat risk management**
- 6. Emissions and waste**
- 7. Energy**

Social

- 8. Community commitment / relationships**
- 9. Customer Health and Safety**

Economic

- 10. Economic impacts, e.g. jobs, local wealth creation**

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Examples Only

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Economic

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Performance Indicators (PI's)

- 1. PIs must be measurable;**
- 2. Must agree on common metrics;**
- 3. Agree on common standard for measuring and recording;**
- 4. PIs must be sensitive enough to be credible / meaningful;**
- 5. Measurement achievable without being a cost burden;**
- 6. Should be outcome based, e.g., as performance varies there are measurable outcomes.**

Performance Indicators (PI's)

Industry Performance Indicator Workshop

February 1, 2010

Saint John, New Brunswick

Final Report

Project Ends: March 31, 2010

Moving forward ...

- Standards and certification in aquaculture is an evolving process (always will be)
- Some species have several existing options
- Other species have few
- A flexible, but defined approach is required to ensure that Canadian Aquaculture utilizes appropriate standards and certification

Moving forward ...

- *You (industry) are the only one you can rely on to have your interests in mind*
- Some Standard Owners focus on perceived industry failings/short-comings only or mainly
- Companies and Industries must promote their various integrity and achievements
- With or without Government support
- To do nothing is ceasing to be an option

Moving forward ...

- Don't count on a clear path forward
- Divided and competing interests
- “One standard winner” scenario not on; not realistic – there are a range of considerations
- Likely 2-3 major global standards/certification programs
- A number of independent, nationally-focused programs
- A range of niche-orientated private standards

Next for CAIA ...

Build on 2009-2010 Progress

Your thoughts ... Q & A