



Shrimp Aquaculture Dialogue Belize City

Objectives of the Workshop

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What are the goals of the Belize workshop?

- Propose and validate criteria
- Propose possible key indicator (s)
- Elect steering committee





To validate criteria

- Madagascar Dialogue outcomes and Tilapia Aquaculture Dialogue can inspire our thinking





Indicators: an eye towards the future

- *Indicators* – points of measurement to determine extent of an impact.
 - Nitrogen concentration in effluent
 - Presence of illegal drugs in farmed product
 - Amount of phosphorus used per unit of production
- *Standards* – quantitative performance level that will evaluate whether or not a principle is being achieved.
 - 4 mg/L total nitrogen in effluent
 - No detectable concentration of malachite green in fish tissue
 - 10 kg of total phosphorus/metric ton of product harvested/year





Example

Impacts - The effects such as salination of groundwater and agricultural land
Pollution of coastal waters due to pond effluents

Principle - The guiding proposal for addressing an impact

Water Use: Minimize the impact of water use for shrimp farming on water resources.





Example of criteria

Criteria - Specific areas to focus on in order to reduce an impact

- Water quality
- Nutrient utilization efficiency
- Ground water





Example of possible indicator

Indicators - Points of measurement to determine extent of an impact

- Water management plan
- Nutrient budget
- Salinization of groundwater





Breakout session

- 4 principles per breakout session
- 1 group leader per breakout session
- Madagascar criteria and, when existing, Tilapia Aquaculture Dialogue (TAD) criteria, indicators and standards
- Outcomes of each breakout session to be presented to the entire audience for discussion





Our challenge is to make it relevant

- To align with the economic pillar of sustainable development
- Easy to create long list
- It is important to keep the list short and pertinent
- A short list will lower the certification cost





Steering Committee drives the process

- Serves as the prime decision-making body
- Is inclusive of multiple sectors and regions
- Each Dialogue steering committee must agree upon and document its decision making process





Steering Committee members

- Open to any stakeholder
- Balanced of industry and non-industry leaders
- Maximum of 10 people
- Member commits time and some money
- All modern means of communication will be used





Steering Committee make up varies in each Dialogue

Tilapia SC



Salmon SC





Central America and Mexico Steering Committee

- Will be elected in Belize
- Will collect comments from all attendees on criteria and possible indicators
- Plan for 30 minutes during the coffee break tomorrow afternoon to discuss next steps





Today's agenda

- 1:30 p.m.: Breakout sessions to define criteria and propose indicators for the International Principles 1 to 4:
 - Farm Siting
 - Farm Design
 - Water Use
 - Broodstock and Postlarvae
- 3:00 p.m.: Coffee break
- 4:00 p.m.: Presentations from breakout session
- 5:00 pm. Cocktail reception at the Radisson Hotel





Agenda for tomorrow morning

- 9:00 am.: Summary of discussion related to Principles 1-4: Eric Bernard
- 9:20 a.m.: Breakout sessions to define criteria and propose indicators for the International Principles 5 to 8:
 - Feed Management
 - Health Management
 - Food Safety
 - Social Responsibility
- 11:50 a.m.: Presentations from breakout session
- 12:50: Lunch at the Radisson Hotel





Agenda for tomorrow afternoon

- 1:50 am.: Summary of discussion related to Principles 5-8: Eric Bernard
- 2:10 p.m.: Define roles and objectives of Steering Committee and elect committee, Eric Bernard
- 2:50 p.m.: Finalize criteria
- 3:30 p.m.: Coffee break or first SC meeting
- 4:00 p.m. Next steps for Steering Committee
- 4:30 p.m.: Closing ceremony

