



GAF7 2018 Bangkok

### UNIVERSITI PUTRA MALAYSIA

# SPECIAL WORKSHOP VIII GENDER ANALYSIS THROUGH MICRO AND SMALL AQUACULTURE OPERATION (MISAO) BEST AQUACULTURE PRACTICES (M-BAP)

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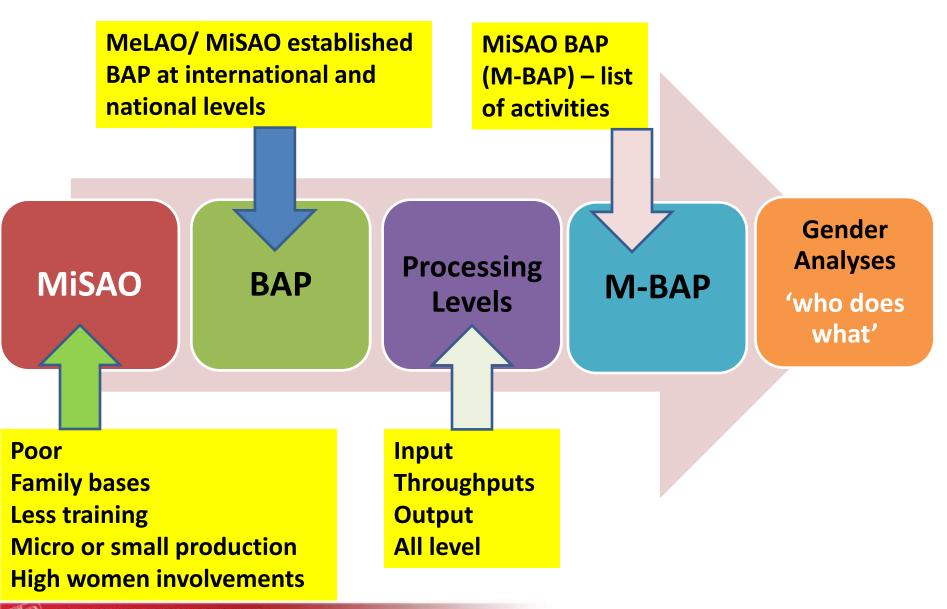


### **Today Objective**

To identify best elements for MiSAO from

10-established BAP standards

### **Questionnaire Development for Gender Analyses**





### **FRAMEWORK**

- To help MiSAO to scale up to MeLAO
- this workshop is on identifying the 'elements' on M-BAP (MiSAO Best Aquaculture Practices)
- 10-BAP used

**Established BAP** Standards for MeLAO at International and National Levels

# BAP by Global Aquaculture Alliance (GAA)



#### What Do BAP Standards Cover?

#### **Environmental Responsibility**

Compliance with standards that address such issues as habitat conservation, water quality and effluents.



#### **Animal Health and Welfare**

Best practices in animal husbandry, addressing such issues as disease control.







#### Food Safety

Assurance that no banned antibiotics or other chemicals are used and that all approved chemical treatments are carried out in a responsible fashion.



#### Social Responsibility

Adherence to local laws for worker safety, child labor and community rights.

**Traceability:** Supply chain traceability from the source to the marketplace is mandated by the BAP program.

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# MyGAP Guidelines Aquaculture Sector



The five (5) main evaluation and compliance criteria to the standard can be simplified as the following aspects:

- 1. Food Security
- 2. Fish Health Requirement
- 3. Occupational Safety and Health
- 4. Environmental Sustainability
- 5. Animal Welfare

All the five (5) auditing aspects are been detailed out into 18 items that has to be complied by the Aquaculture Operator to obtain the certificate under this program are as follows:

- 1. Site Selection
- 2. Waste Water Control
- 3. Farm Construction
- 4. The Nature and Cleanliness of Touched Surfaces
- 5. Design of Pond / Cage
- 6. Occupational Health
- 7. Water Management
- 8. Farm Sanitary Practice
- 9. Pond Fertilizing
- 10. Social and Welfare of Workers
- 11. Pest and Predators Control
- 12. Farm Produce Harvesting and Handling
- 13. Raw Material Supply (Additives, Fish Fries)
- 14. Labeling, Storage and Usage of Hazardous Compound
- 15. Health Management of Livestock
- 16. Farm Record Keeping
- 17. Farm Biosecurity Control
- 18. Halal



# The GLOBALG.A.P. Aquaculture Standard



- The GLOBALG.A.P. Aquaculture standard sets criteria for:
  - 1. Legal compliance,
  - 2. Food safety,
  - 3. Worker occupational health and safety,
  - 4. Animal welfare, and
  - 5. Environmental and ecological care.

# ASEAN Good Aquaculture Practices (ASEAN GAqP) for Food Fish



- 1. Food Safety
- 2. Animal Health and Welfare
- 3. Environmental Integrity
- 4. Socio-economic Aspects

## Aquaculture Stewardship Council



- The ASC Standards cover the following seven principles:
  - 1. Legal compliance
  - 2. Preservation of the natural environment and biodiversity
  - 3. Preservation of water resources
  - 4. Preservation of diversity of species and wild populations
  - 5. Responsible use of animal feed and other resources
  - 6. Animal health
  - 7. Social responsibility

# Established BAP at National Level which may associate to MiSAO

# Thailand Agricultural Standard (TAS)



### Good Aquaculture Practices for Freshwater Animal consists of **eight key elements**:

- 1. Safety of water used
- 2. Site safety and sanitation
- 3. Use of agrochemicals
- 4. Product storage
- 5. Data records
- 6. Pest-free products
- 7. Quality management
- 8. Harvesting and post harvesting handling

# India Good Agricultural Practices (INDGAP)

### The INDGAP for 'All Farm Base Module (AF)' indicates eight elements:-

- 1. Record Keeping and Internal Self-Assessment or Internal Inspection,
- 2. Site History and Site Management,
- 3. Workers Health, Safety and Welfare,
- 4. Waste and Pollution Management, Recycling and Reuse,
- 5. Environment and Conservation,
- 6. Complaints,
- 7. Traceability and
- 8. Visitors Safety.



#### **China-GAP**



The ChinaGAP focuses on **five sustainability issues** as follows:-

- 1. Environment,
- 2. Social,
- 3. Economic,
- 4. Quality and
- 5. Ethics and business identity.

# Indonesia Good Aquaculture Practices (IndoGAP)

## PRINCIPLES in IndoGAP (3)

- 1. Biosecurity
- Food safety
- Environmental Friendly

#### **IndoGAP Criteria (18)**

1.Location 10.Use Of Ice And

2. Water Supply Water

3. Layout And Design 11. Harvest

4. Hygiene Of Facilities 12. Fish Handling

and Equipment 13.Transportasion

5. Pond Preparation 14. Waste Disposal

6. Water Management 15. Record Keeping

7.Seed 16.Corrective Action

8. Fish Feed 17. Training

9. Fish Drugs, 18. Personnel Hygiene

Chemicals &

**Dangerous Substance** 



# Philippine National Standard (PNS) Code of Good Aquaculture Practices (GAqP)

The PNS on Code of GAqP also covers the following aspects of aquaculture production:

- i. Food safety,
- ii. Animal Health and Welfare,
- iii. Environmental integrity, and
- iv. Socio Economic

### **Today Workshop**

- Be in small group (max 4 groups)
- Appoint a leader
- Discuss on the 10-BAP summaries (20 minutes)
  - ✓ Compare the 10 BAP
  - ✓ Identify common elements
  - ✓ Discuss the best elements for MiSAO and WHY?
  - ✓ Re- conceptualized the elements to suit to MiSAO
- Present 5 minutes x 4 groups = 20 minutes



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