



**REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF AGRICULTURE
BUREAU OF FISHERIES AND AQUATIC RESOURCES**

THE PHILIPPINE NATIONAL AQUASILVICULTURE PROGRAM

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Supervising Aquaculturist**



Philippine Marine Jurisdictional Boundaries

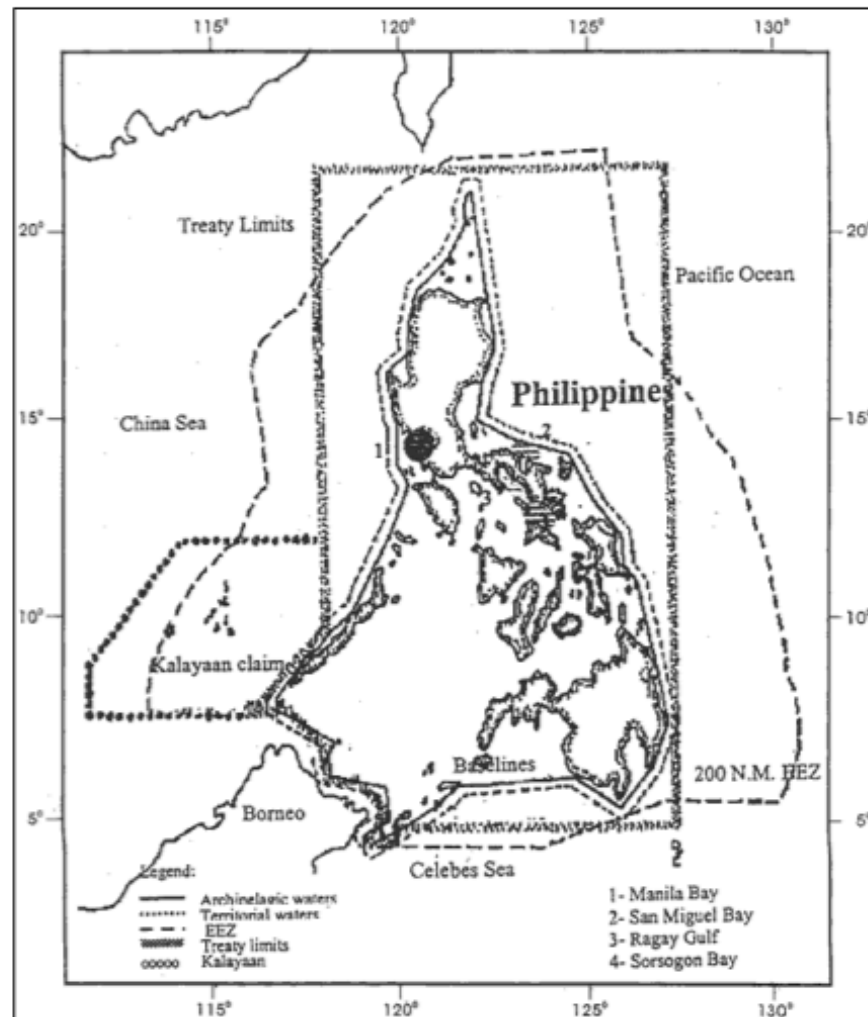


Figure 1. Map of the Philippines showing the limits of archipelagic, territorial waters treaty limits Exclusive Economic Zone (200 N. M. EEZ) and Kalayaan claim.



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BFAR'S MANDATE

Ensure the development, management and conservation of the country's fisheries and aquatic resources



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BFAR'S MISSION

- 1. contribute in achieving food security for the Filipino people and improve quality of life of fisherfolk through rational and equitable utilization of fisheries and aquatic resources;**
- 2. empower fisheries stakeholders enabling them to adapt to changing environmental conditions and global trade and regional fisheries management regimes;**
- 3. improve productivity of fisheries and aquaculture within ecological limits**



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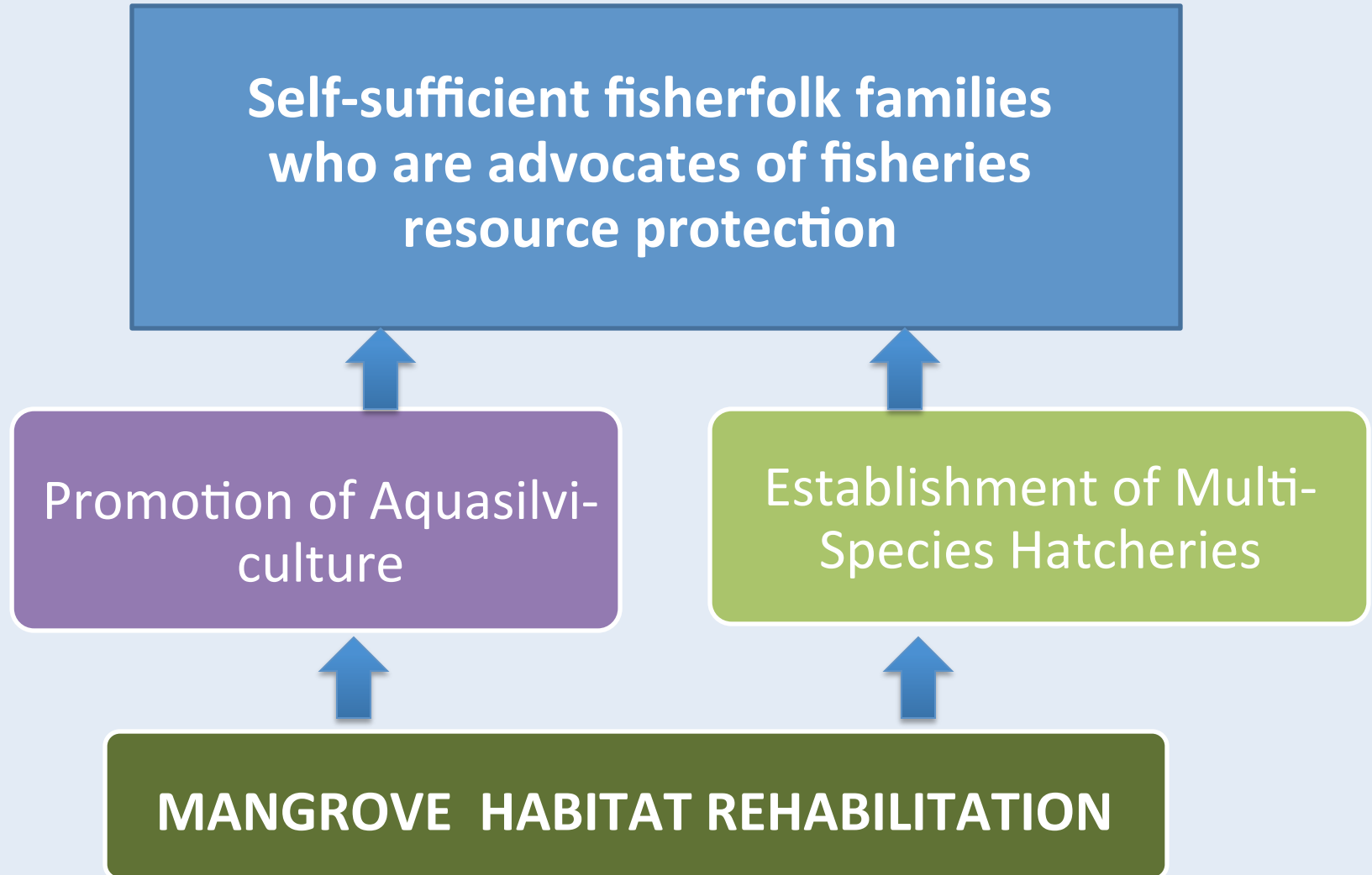
One of BFAR's strategy

**Implementation of the Philippine
National Aquasilviculture Program**

Background:

A Memorandum of Agreement (MOA) by and between BFAR and CHED was executed in December 16, 2011 to implement the Philippine National Aquasilviculture Program (*PNAP*)

PROGRAM CONCEPT



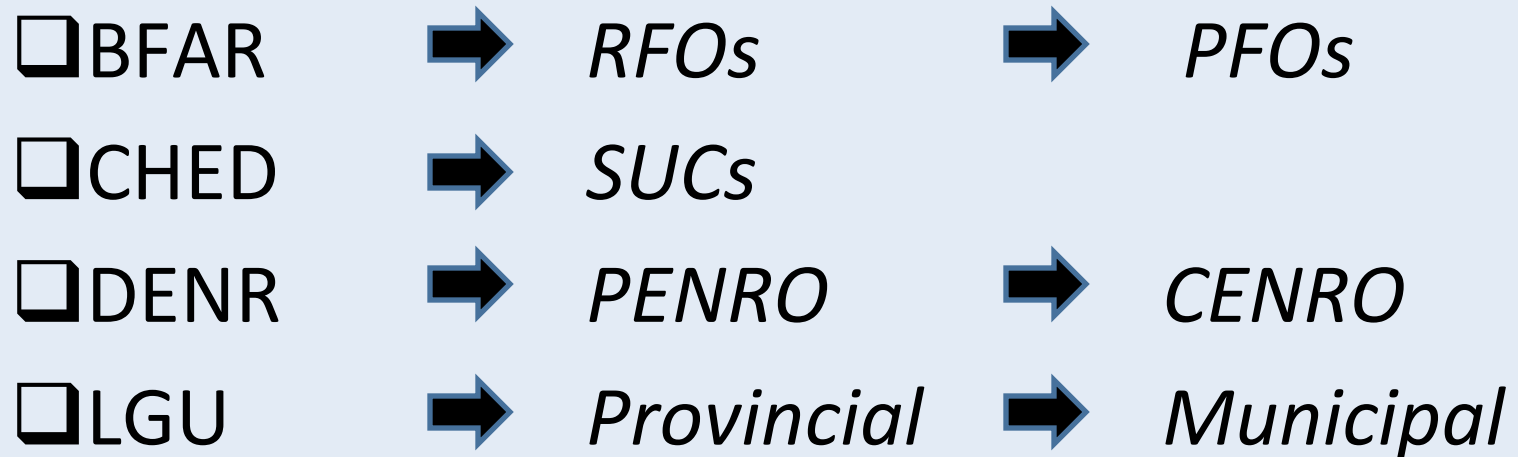
Program Components:

- ❑ Mangrove resource rehabilitation and protection
- ❑ Establishment of Aquasilviculture livelihood projects
- ❑ Establishment of community-based multi-species hatcheries

Program Coverage

- ❑ BFAR Coastal Regions 1-13 & ARMM
- ❑ AUUs (*Abandoned, Undeveloped & Underutilized*) Fishpond Lease Agreements (*FLAs*)
- ❑ DENR identified areas (*KBAs, Reforestation areas, Co-management agreement areas*)

Participating Agencies



Project Beneficiaries

- ❑ Mangrove resource rehabilitation → Coastal fisherfolk
(No limit set)
- ❑ Aquasilviculture Projects *(16/SUC)* → Coastal fisherfolk
(1000 TechnoDemos)
- ❑ CBMS Hatcheries *(1Unit/SUC)* → SUCs *(64 units)*

Funding Support from BFAR

- ❑ Mangrove resource rehabilitation → P6/Surviving propagule
- ❑ Aquasilviculture Projects → P65,000/TD (*1,000 TDs*)
- ❑ CBMS Hatcheries → P1.2M/SUC (*64 SUCs*)

Strategies

- Formulation of implementing guidelines
 - * Creation of the National Steering Committee
 - * Creation of the Regional Steering Committee
- Capacity building
- Participation of other relevant agencies

Implementing Guidelines & Strategies

❑ National Steering Committee (*NSC*)

Function: Formulate policy guidelines & directions

Composition:

Convenor – DA Sec & CHED Chairperson

Co-Chair - BFAR Dir & CHED Commissioner

Members - 3 BFAR RegDirectors (*LuzVisMin*)

3 SUC Presidents (*LuzVisMin*)

BFAR Asst. Dir for Tech Services

DENR – PAWB Director

DENR – FMB Director

Implementing Guidelines & Strategies

❑ Regional Steering Committee (*RSC*)

Functions:

1. Supervises policy implementation in the regions;
2. Prepares project development & management plans;
3. Enters partnership agreements with other agencies

Composition:

BFAR Regional Director or Representative

SUC President(s) or Representative(s)

Implementing Guidelines & Strategies

❑ Project Management Office (*PMO*)

Functions:

1. Oversees program implementation in the province
2. Conducts project monitoring & evaluation
3. Submits monthly & quarterly status reports thru RDs
4. Supervises Community Organizers (*COs*)
5. Pre-identify & validate areas for rehabilitation, aquasilviculture & CBMS hatcheries
6. Assists in identification of project beneficiaries

Composition:

PFO (*Project Coordinator*) – Team Leader

SUC Representative(s)

Provincial Agriculturist

Implementing Guidelines & Strategies

❑ Community Organizer (CO)

Functions:

1. Facilitates training of beneficiaries
2. Facilitates dissemination & promotion of information
3. Facilitates planting & maintenance of assigned areas
4. General administration of assigned areas
5. Ensures accurate & timely payment of dues to beneficiaries
6. Certifies correctness of payment claims of project beneficiaries

Implementing Guidelines & Strategies

□ Capacity Building

NBATRC Pagbilao – Main training center & techno demo site

RFTCs – Satellite training centers

BFAR – Guiuan Center

Module

Title

- 1 - Resource protection, rehabilitation
& aquasilviculture
- 2 - Community-based multi-species
hatchery operation
- 3 - Constituency building

ACCOMPLISHMENT AS OF SEPT. 2013



Mangrove planting: 85% accomplished out of 36 M target for 2013 covering more or less 10,000 ha; almost 32,000 fisherfolk participated

ACCOMPLISHMENT AS OF SEPT. 2013



Aquasilviculture: 76% attained benefiting almost 1,900 fisherfolk

ACCOMPLISHMENT AS OF SEPT. 2013



Community-Based Multi-Species Hatchery: 20% of participating SUC completed establishment, while still continuing for the others

Future Interventions

- Continue rehabilitation of denuded mangrove forests, particularly AUUs
- Make coastal fisherfolk sustainably productive through aquasilviculture
- Validate and assess mangrove areas reported as rehabilitated in terms of surviving propagules and extent of cover
- Conduct stock assessment studies in areas with established CBMSH to determine improvement in catch of fisheries products

END



Thank You!