




Brood-bank ( $\mathrm{N}=1$ )
Spawn collectors ( $\mathrm{N}=20$ ?)
Brood fish






## Sector constraints

## Strong demand vs Slow growth fish High mortality Low productivity Traditional species

- Intensification
- Market linkage

Insufficient
knowledge on cultivation

- Pond preparation
- Stocking
- Feed / disease
- Use inputs

Poor hatching techniques

- High mortality


## Shortage brood \& <br> Bad quality

- 1 pub. brood bank


## Market-led solutions and entry points

Introduction of new species/technologies

- To lengthen season
- To tap new markets

Entry point: Association, consultants, RI
Establish a physical fingerling market

- To reinforce interaction N - F

Entry point: Association
Train nurseries as service provider

- To create demand for better brood
- To establish good business practice
- Access to continuous practical advice

Entry point: Association

## Train retailers on feed and medicine use

- Access to continuous advice

Entry point: Companies, association
Linkage with advanced region

- Develop list of good technicians

Entry point: Association
Trigger investment in private brood bank

- Feasibility study private brood bank
- Establish technical guidelines

Entry point: Association

## Sector strategy

To increase fish production to meet a growing market demand by increasing the productivity of fish ponds by focusing on the following intervention areas:

1. Access to better inputs: brood > spawn > fingerlings, chemicals and feed
2. Access to information on basic and advanced cultivation techniques
3. Strengthening the capacity of the fisheries association to play a catalyzing role in the sector
