



BASIL

# BASIL PROGRAM IN CALABARZON





# BASIL PROGRAM

The 'Balik Sigla sa Ilog at Lawa or BASIL Program is a national program under the Department of Agriculture thru the Bureau of Fisheries and Aquatic Resources (BFAR) which aims to rehabilitate/restore the country's major and minor lakes and other inland bodies of water. It also aims to repopulate our inland bodies of water with indigenous fish and other economically important species to optimize their economic benefits, enhance the fisheries towards sustainability in support to biodiversity conservation, poverty alleviation, and food sufficiency.



# BASIL PROGRAM

Moreover, The NIFEP or BASIL program also applies a scientific approach to fish stocking utilizing the vacant niche and the food-based approach to maximize production from these resources. The food-based approach explores the natural productivity of the lakes, rivers and reservoirs where available food is analyzed qualitatively and quantitatively, and its production capacity is converted into fish production where the natural food present is matched with the species to be stocked (Palma and Bartolome, 2015).

# CAPACITY BUILDING

- 1 Capacity Building of Stakeholders – is the process of training by which individuals or organizations obtain and improve their skills and knowledge on inland resource management. It is a path to sustainable development.
- 2



# Capacity Building

Participants in the capacity building activities shall mainly include target fisherfolk-beneficiaries, LGUs and BFAR technical staff. The scope of activities shall include:

- -Orientation on the BASIL (Balik Sigla sa Ilog at Lawa) Program
- -Organization and strengthening of relevant fisherfolk organization/s
- -Re-orientation of fishery laws related to inland waters.
- -Fisheries production monitoring and evaluation
- -Participatory activity-planning to determine the scope of work and manpower requirements (number of man-days) for the habitat restoration/construction.

# HABITAT RESTORATION

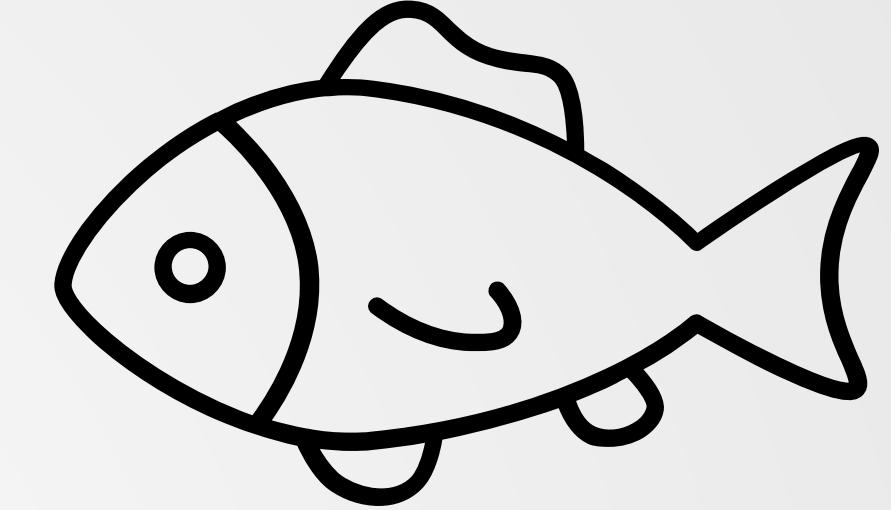
is an ecological restoration which is the practice of renewing and restoring degraded, damaged, or destroyed ecosystems and habitat in the environment by active human intervention and action.



# FISHERIES ENHANCEMENT



Fisheries Enhancement a set of management approaches involving the release of cultured organisms to enhance, conserve, or restore fisheries.





# STOCK ASSESSMENT

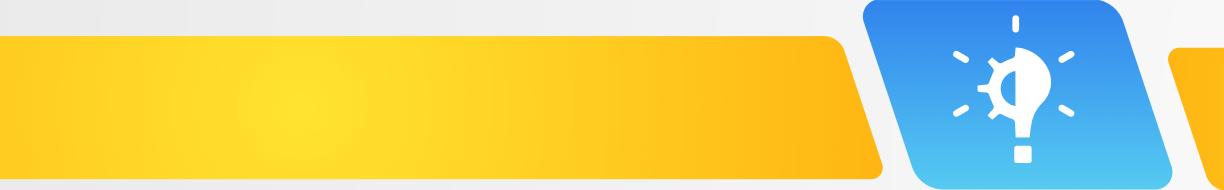
process of determining population of an organism necessary in regulating activities towards sustainability of fish stock. A wide array of Biological Fisheries data are collected for an assessment. The activity will be conducted by the fisheries enumerators identified by the Regional Focal Person.

# STOCK ASSESSMENT



- Gathering of fisheries catch data using stock assessment form, modified by NFRDI.
- Submission of filled up forms to the PFO for submission to the Regional Focal Person
- Collation of gathered enumerated data for submission to the National Focal Person for consolidation.
- Submission of consolidated data to the BFAR Central Office Planning Division

# FISHING ACTIVITY



Fishing gears, mesh size restriction (Pls. see Sec. 93, of the Implementing Rules and Regulations of Republic Act 8550 as Amended by Republic Act 10654) (Annex-C)



Open/Close Season to be declared by the respective Local Government Units



## Turn Over of the Project:

a. The BASIL management areas which are completely restored and rehabilitated will be turned over to the LGU's/fisherfolk organization.

b. The BFAR Regional Office will be responsible of the project to the respective LGU's where the rehabilitated inland waters resources are located.

c. A MOA between BFAR Regional Office and concerned LGU will be drafted and signed for the purpose of continuous management and conservation of the rehabilitated areas for a long term sustainable fish production under the Basil Project.

# MONITORING AND EVALUATION



The project will be monitored by the Regional Focal Person in coordination with LGUs, National Project Management team, and concerned BFAR Units.



The fisherfolk-beneficiaries shall provide a record of fish production/catch to the assigned Field Technician for submission to the Regional Focal Person



The BASIL Monitoring and Evaluation format will be based from the monitoring and evaluation used by the BFAR Central Office Planning Division.



Monitoring reports and other documented activities submitted to the Regional Offices by the Regional Focal Persons will be submitted to the National Focal Person for consolidation, analysis and for submission to BFAR Central Office Planning Division.