

## Introducing the AquaLife Fish Farm Network

*A model for community fish farm networks  
equipped for intensive aquaculture  
using minimum water and energy  
with unique bio-filtration technology  
to maximize fish yields.*



Give a man a fish and you feed him for a day;  
Help him build a fish farm and you feed his family for a lifetime.



# WHY AQUACULTURE?

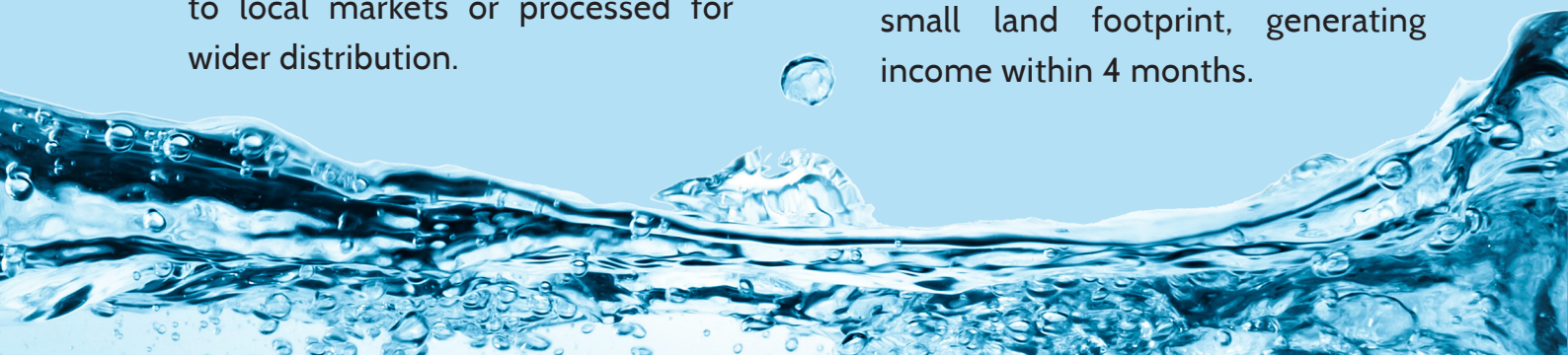
The intensive farming of fish – particularly tilapia and catfish – is simple and lucrative, enabling communities to develop businesses to grow and sell a valuable protein source.

AquaLife sets up networks of fish farms for rural communities with limited resources and basic infrastructure.

Aquaculture production requires minimal inputs and, if well managed, can generate a steady income to support several families.



- Water – AquaLife system requires minimal water – its biofilters recycle 85% of the water.
- Energy – Aqualife technology requires minimal energy consumption.
- Employment – creating opportunities for technicians as well as family and community work teams.
- Food Source – fish is a major source of protein and can be transported to local markets or processed for wider distribution.
- Training & Development – developing and utilizing local expertise and supporting on-going self-sustained project supervision and expansion by local personnel.
- Network of local fish farms built around central management and support service center for training and quality control.
- Cost-Effective – low cost system, quick and easy to set up, with a small land footprint, generating income within 4 months.







# BUILDING AN AQUACULTURE NETWORK

The AquaLife Fish Farm Network model enables the rapid construction of a network of small community fish farms around an existing aquaculture facility. This hub becomes the training and support center for the satellite farms, providing them with:

- initial fish 'fingerlings' for farming
- high quality feed
- training and support for new farmers
- quality control and monitoring
- pipeline to market

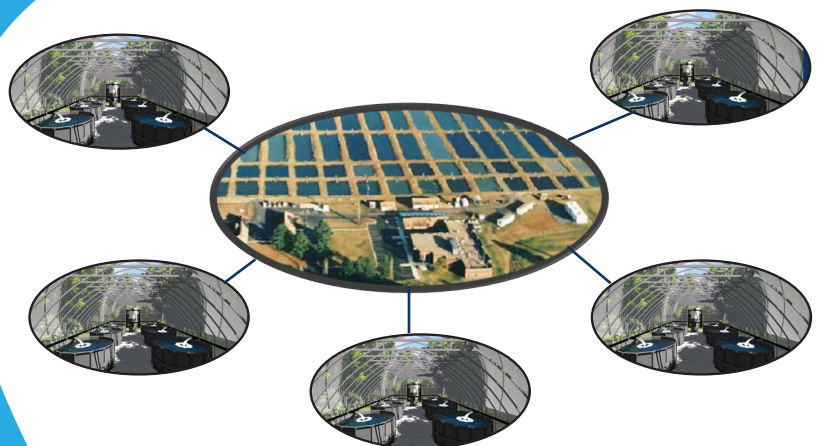
This model is based on small autonomous community or family groups operating in a co-operative environment with centralized management support and production coordination.

## Satellite Fish Farms

The farms are ideally located within 2 hours drive of the support hub, requiring a supply of water, land for 6-8 fish breeding tanks, a power source, and labor teams to feed the fish and monitor their growth.

AquaLife fish tanks are provided with Biofishency biological water filtration systems that boost oxygen levels in the water, filter out waste products, and recycle 85% of the water in the tanks.

The management of the satellite farm is low-maintenance and the daily work can be shared between members of the village community or family. The manager of the farm will be trained and supported through the central hub, with the potential to establish and manage further farms as the network expands.



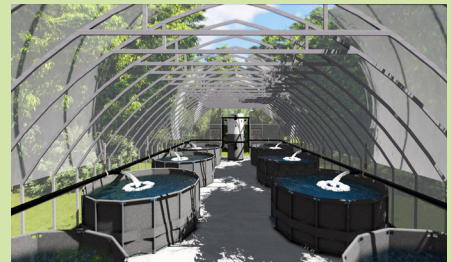
# COMMERCIAL BENEFITS

AquaLife intensive aquaculture is easy to set up with minimal infrastructure and start-up costs. Its short production cycles and rapid fish growth rates yield immediate income. Expert support is crucial to the success of the operation, which is why we recommend the network model and the utilization of existing local fish-farming expertise.

The AquaLife Network package includes full start-up support for community fish farm networks, including equipment, supplies, training and support. We provide the latest aquaculture technology and help the network's farmers to maximize their fish yields.

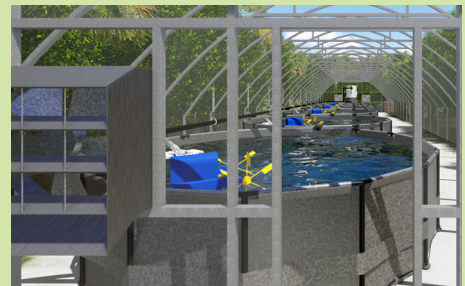
## Catfish Model:

- Capital Cost: 8 Fish Tanks (each 13m<sup>3</sup>) with Biofishency Bio-filtration System
- Annual Expenses: fingerlings, water, energy, food, support
- Growth Cycle: 4 months
- Yearly Production: 25-30 metric tons of fish
- Output: 100 kg of fish per cubic meter of water
- Income: based on local market price of catfish.



## Tilapia, barramundi, sea bass and others:

- Capital Cost: 6 Fish Tanks (each 30m<sup>3</sup>) with Biofishency Bio-filtration System
- Annual Expenses: fingerlings, water, energy, food, support
- Growth Cycle: 5 months
- Yearly Production: 15 metric tons of fish
- Output: 35 kg of fish per cubic meter of water
- Income: based on local market price of tilapia.



To find out more about the Aqualife-Biofishency intensive aquaculture model for fish farm networks, contact [Info@AquaLifeNet.com](mailto:Info@AquaLifeNet.com)