



Aquamaof Vision

To become a leading force in the world's Indoor aquaculture market based on it's unique technological capabilities and continued innovation for growing fish under different climatic conditions with minimal or no use of additional water.

The knowledge and experience gained by AquaMaof allows for the manufacturing of Indoor Aqua-Culture Facilities which achieve the highest growth efficiencies at the lowest costs of construction and fish production.

Indoor Aqua-Culture Facilities

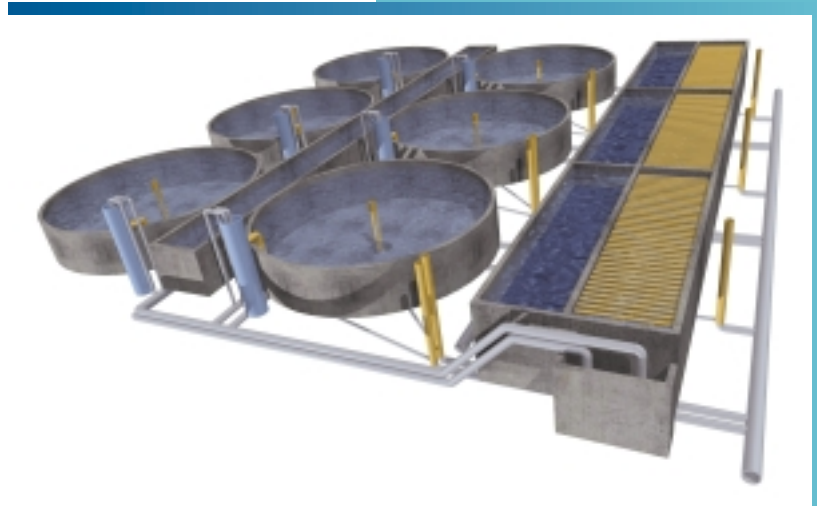
Background

Marine fisheries have shown a constant decline in recent years. According to Food and Agricultural Organizations, Most of the world's commercially fished species are depleted, over-fished or fully fished. Fish growers and scientists agree that the oceans have attained their maximal sustainable yield, if this continues; world fisheries could collapse within a few decades.

Health benefits associated with seafood-based diets have triggered a rise in consumer demand for seafood products. In order to ease the pressure on wild fisheries and to satisfy the growing global consumption of seafood products, fish and seafood must be produced through Aquaculture and Mariculture. In response, global aquaculture has been steadily increasing (10% per year) during the last decade, and has been the fastest growing sector in the global agricultural industry.

"Open-pond" aquaculture systems are subjected to climatic and other restrictions. The intensive indoor aquaculture facilities designed and supplied by Aquamaof allow for an all year around production of most fish species reared in today's aquaculture market.

The innovative development of AquaMaof's Indoor Aqua-Culture Facilities (IACF) incorporates technology developed by Mr. Gary Myers which is used in one of the only large indoor intensive aquaculture facilities in the US that has been economically viable and successful from startup.



**Taking aquaculture
to the next level**



The Technologies @ snapshot

The facility includes an array, module, of production tanks. Each module is connected to a separate water circulation and treatment system. The modules are designed for daily wastewater discharge from the proposed system into a settling pond or algae pond. The system design includes special oxygen dissolving units. Water temperature is maintained through by-product heat from oxygen generation units or via an external heat source. A monitoring system controls water parameters in each production tank.

The optimized production concept (IACF) enables favorable production cost and creates competitive advantage over many other production methods, based on:

- Controlling environmental factors
- Precise fish production protocols
- Reduced shipping costs
- Reduced labor costs.

Indoor Aqua-Culture Facilities advantages

- Year-round production.
- Sustainable marketing production on a daily basis.
- Cost of production is not influenced by external weather or temperature.
- IACF can be installed under extreme conditions with inter climate control.
- implementation of Industrial concepts for fish production (unlike most of today's aquaculture).
- Maintains lowest costs of construction and fish production when compared with other leading indoor fish culture systems.
- Reduction of required water intake.
- Has the lowest dependency on the surrounding habitat.
- Has the lowest impact on the environment.
- Advanced management and system control protocol.
- Maximum control over fish rearing conditions, thus minimizing risks involved.
- Fish are grown in deperated water with no contaminants, toxins or off-flavor sources (may be groundwater source without industrial pollutants frequently found in lakes, rivers, and oceans). As a result, the produced fish are very 'clean' and can be marketed as a "clean fish" product.
- Our IACF can grow fish in salt and fresh water thereby accommodating a wide range of different fish species which can be grown in any location regardless of water restrictions.

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