Nekton Aquatics: For a Sustainable World

Abstract

Nekton Aquatics will produce North Atlantic Cod in a similar fashion to the layout of Hubbs Seaworld Research Institute. Hubbs Seaworld Research Institute raises Sea Bass out of California.

Fish will be stored in large, 6600 gallon tanks, allowing for maximum output of Cod, while maintaining a healthy living environment for the fish. Clearspan is a well known constructions company for Fisheries and Hatcheries, the images shown here represent what portions of the Aquafarm would look like.

The Problem Exists, the Solution is Growing

The yields of ocean-fished Atlantic Cod are falling rapidly, while the production in aquafarms is climbing exponentially. Aquafarming works, it just needs to be embraced by the Northeast.

Goals/Objectives

- To farm-raise North Atlantic Cod in Portland, Maine
  - To save the Cod population
  - To reduce the impact of commercial fishing
- To provide a sustainable food source that can be easily maintained and monitored
  - To promote the use to ecologically friendly indoor aquaculture
- To allow regeneration of habitat and marine species along the cost of Maine

Estimated Yields

<table>
<thead>
<tr>
<th>Year</th>
<th>Fish Production (tons)</th>
<th>Costs ($ thousands)</th>
<th>Net Profit ($ thousands)</th>
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</thead>
<tbody>
<tr>
<td>2010</td>
<td>1500</td>
<td>560</td>
<td>190</td>
</tr>
<tr>
<td>2011</td>
<td>1800</td>
<td>675</td>
<td>250</td>
</tr>
<tr>
<td>2012</td>
<td>2200</td>
<td>825</td>
<td>310</td>
</tr>
</tbody>
</table>

12.7% 12.9% 16.0%

The Signs of Improvement

The trends are starting to reverse: while nowhere near the levels a mere two decades ago, the biomass of Atlantic Cod is still rising, and that's a start.

Promotional Strategy

- Venture Capitalist Proposal
  - Appeal to a venture capitalist firm, such as Matrix Partners, Khosla Ventures, and Prism Venture Partners
- Private Advertising
  - Private presentation for potential clients. Presentations provide a more personal look into Nekton Aquatics
- Public Advertising
  - The public will have full access to information about Nekton Aquatics via an interactive website and distributed brochures, as well as representative question and answer sessions

Nekton Aquatics: A Prospective Company Emphasizing Environmental Reconstruction and the Need for Stable Food Sources in the World.

We believe that the repopulation of North Atlantic Cod in Georges Bank is a major step toward reversing the damaging effects of overfishing. Our main objective is to provide clientele with a sustainable cod source, focusing on the Portland region. Nekton Aquatics plans to have its first aquafarm located conveniently off Interstate 95 in Saco, Maine. Our new facility will hold 1500 tanks over 15 acres which will hold and produce 1500 tons of cod annually. Over the years, we hope that our cod production will alleviate the stress on the cod population located in George's Bank, and encourage the fishing industry to change its views on land-based fish farms.