

Promise of Open Ocean Fish Farming & Digital Technology

An Impact Investor's View

Cuna del Mar Overview



- Impact Investment Fund focused on the Grand Challenge of aquaculture
 - Prove viability of offshore finfish aquaculture
 - Environmentally sustainable, scalable, and profitable fish production
- Patient capital, but true success requires profitable companies
- Investment focus
 - Open Ocean Farm Technology
 - Species development primarily warm-water finfish
 - Finfish production area with limited sources of funding currently
- \$100M+ invested to date

Cuna del Mar - Current Portfolio



Earth Ocean Farms

- Vertically-integrated, Mexico-based producer of Totoaba and Pacific Red Snapper
- 500 MT of production scaling to 3,000 MT

• Open Blue

- Vertically-integrated, Panama-based producer of Cobia
- 2,000 MT of production scaling to +5,000 MT

• InnovaSea

- Aquaculture technology company supporting egg to harvest production based in USA
- Hatchery, Nursery, Grow-out RAS technology specializing in warm water marine species
- Submersible pens and supporting ocean grow-out farm systems
- Instrumentation using IoT, cloud-based data delivery for real-time operational support
- Largest supplier to world Fish Tracking Network wireless acoustic telemetry (proven background technology)

Center for Aquaculture Technology

- Aquaculture biotechnology company with US & Canadian operations
- Genomics and molecular biology technologies coupled with in vivo testing



- Vertically Integrated Operation: Eggto-Plate
- Product: Red Snapper & Totoaba
- Expanding National & International markets







Caring for ocean and human health.

"Feed Current & Future Generations in Harmony with the Ocean"

- World's largest open ocean finfish farm!
- Vertically Integrated Operation: Egg-to-Plate
- 2,000 MT of production Cobia. Scaling to +5,000 MT
- Expanding National & International markets
- Fully Internationally Certified with annual 3rd party audits
- Working through the United Nations Global Compact to achieve the Sustainable Development Goals



-

Open Ocean Farm System - Precision Fish

)))

(((· ·)))

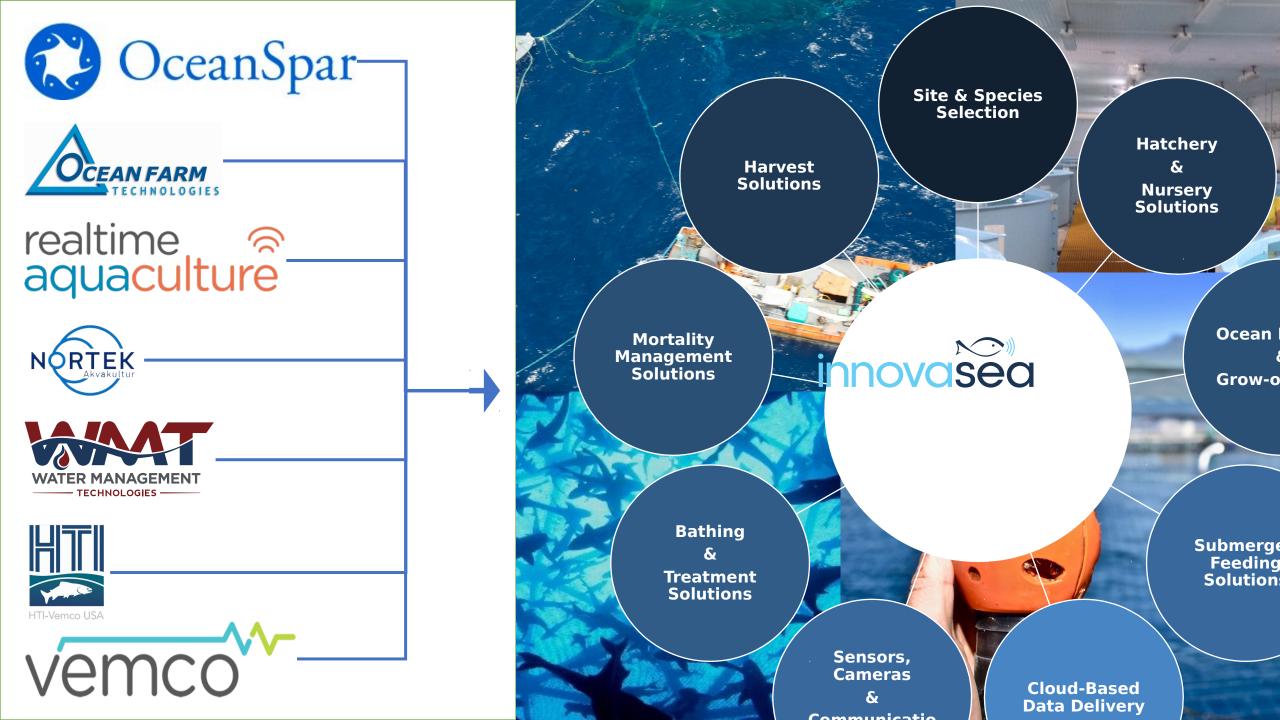
Farming

5

Open Ocean Submersible Pens 12-pen grid produces 3500 MT/yr. Subsea feeding from single point All grow-out functions supported Harvesting, Mortality, Treatment

innovasea

Real-Time Data Supports Precision Farming Equipment status Environmental conditions Biology & health of fish



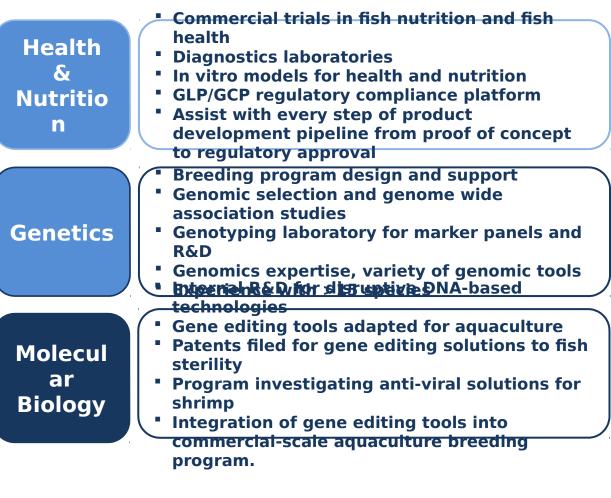


THE CENTER FOR AQUACULTURE TECHNOLOGIES

Business Overview

- Leading research & development and contract service organization:
 Science to improve sustainability and productivity
- Globally recognized R&D team and highly versatile laboratories
 - Staff are leaders in fish and shellfish health, nutrition, genetics, and gene editing
 - > 30,000 sq. ft of state-of-the-art facilities: Only Level 3 pathogen certified private aquaculture wet lab in the world
- International scope across all major species Aquaculture FOR Aquaculture Ecchnologies Canada
 Fully owned by Cuna del Mar L.P.
 THE CENTER FOR AQUACULTURE TECHNOLOGIES
 THE CENTER FOR AQUACULTURE TECHNOLOGIES

Business Segments





Molecular Biology Breeding & Genomics

nomics Genotyping

Health & Nutrition

Diagnostics

Possible Futures - Summary



• Open Ocean Aquaculture: Addressing the Grand Challenge

- We need more fish in the water what are the business models?
- Highly automated, cost effective, profitable, environmentally sustainable
- Multiple small & medium sized farm sites scalable 500>5,000>20,000 MT
- Replacing collapsed wild fisheries
- Emerging economies the growth will be in Asia, India warm water

Science & Technology:

- Supply of high quality broodstock for tropical fin fish
- Standardized high efficiency hatchery and nursery systems design
- Health, nutrition and disease management
- "Real Time" complete instrumentation of farm sites
- Capture, Analysis and Utilization of ocean data