

## 2008-to-date

## Acquisition of the Benxi Trout Hatchery



## Benxi AgriAsia Salmon Hatchery.

- Benxi has total 25 acres of land includes four parcels: upper hatchery, 0.75 acres; lower hatchery, 7.4 acres; Vacant land #1, 7.4 acres; Vacant land #2, 10 acres.
- Benxi owns the titles of the land of upper and lower hatchery for 50 years lease .

### **Benxi Incubation Room**

Incubation Room has the capability to hatch 3million eggs at one time.





### **Upper & lower Hatchery**

Benxi has two hatcheries, upper one for fry and lower one for grow-up fish.





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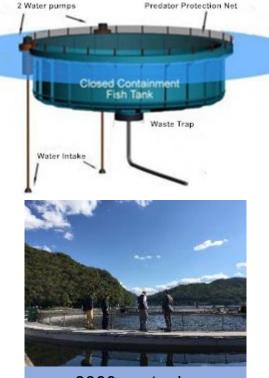


## Floating Solid Wall Containment Finfish Farm

First solid wall tank farm in China, 8- 3000 cm flow through rearing system designed for water intake below the thermocline



Open water during winter



3000 cm tanks

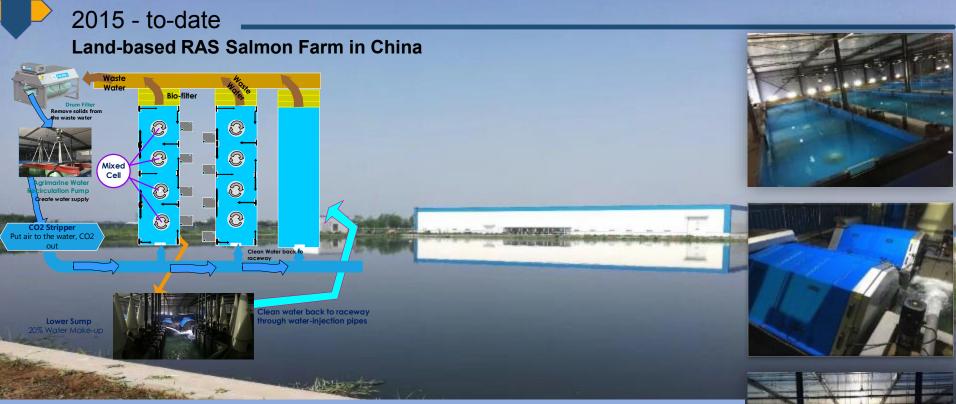


### Tank installation

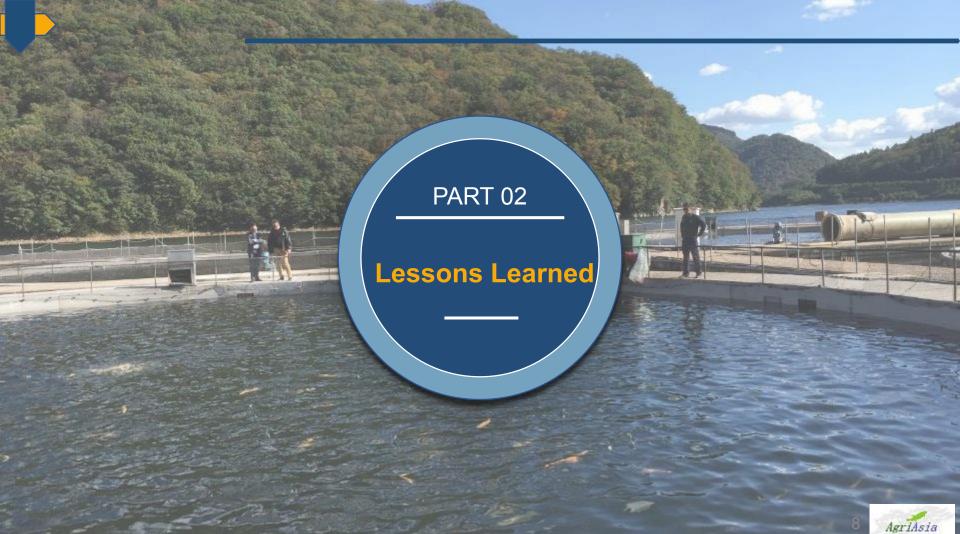


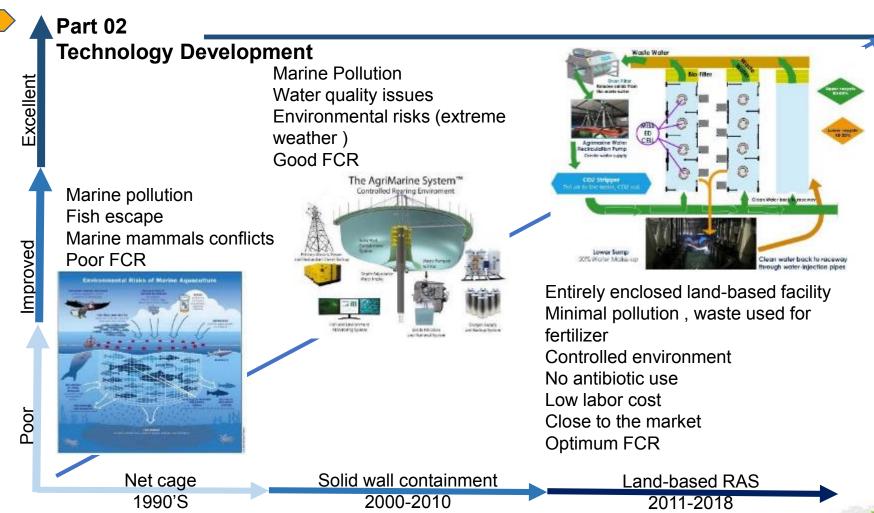
Harvest season





- First RAS designed by John Holder and Michael Timmons and installation of a land-based salmon farm in DongYing, China
- 500 MT RAS utilizing fresh and salt water wells, 15-17°C throughout production cycle
- Producing Coho salmon





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Sustainable

# Part 02 Culture and experience in China

- Government will be involved in the property ownership, directly or indirectly
- The company legal representative has more rights than the owners
- JV's seldom work as the Chinese partner may ignore all legal agreements
- Large companies have influential relationships with local government that
  are beyond the foreigners control
- There are excellent cold water resources in the Northeast and Western China
- Chinese workers are dedicated and loyal, and work 24/7 to complete construction
- Most large companies treat their employees poorly and pay minimal wages.
- Consumers do not trust the government to ensure food quality and believe foreign imports are superior to Chinese









- Salmon only grow in salt water
- The harvest weights are all 6-7 Kgs, as that are the imported salmon weights
- Fish raised in freshwater may have parasites and worms
- Atlantic Salmon are only farmed in the Atlantic Ocean
- Chinese feed may have harmful ingredients
- Fish are fed growth hormones











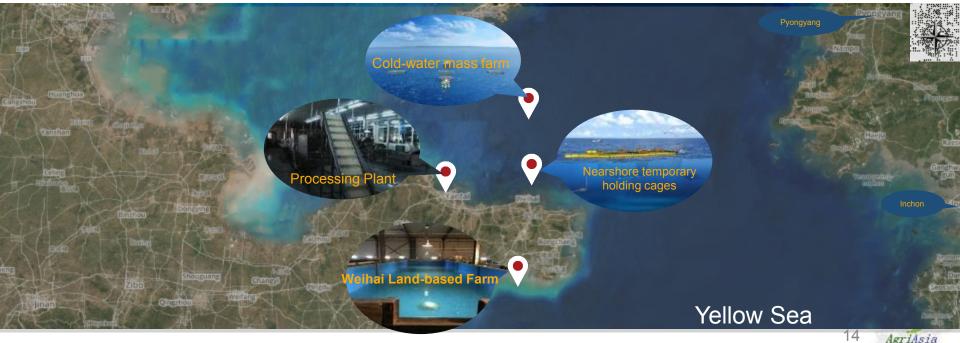


## Part 04 North Yellow Sea Cold Water Mass Farm Plan

This project uses cold water mass in the North Yellow Sea as the location of the fish farm which meets the requirements of Atlantic salmon culture.

AgriAsia will supply the smolts to the cold-water mass farm, after salmon reach 700g. The salmon grow in the cold water mass farm will reach an average weight of 6kg+ and the growth period will be shortened to 10-11 months.

The nearshore cage completes the production for holding salmon before slaughter and processing.



## Cold water mass cages

Phase 1: Farming test



### Site investigation (Completed)



Nearshore temporary holding cages (90% completed)



Central feeding platform (Under construction)



Submersible cage (Under construction)

#### **Commercial Production**



Phase 2: 2 Cages Phase 3: 8 Cages



## Part 4

Annual production 4000 MT 750g super smolts

Str III

Every May and October entry to sea cages



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- Technology :
  - John Holder and Michael Timmons: Hydraulics MxCell
  - AgriMarine Industries Pumps
- Financial Support:
  - Gordon & Betty Moore Foundation
  - Sustainable Development Canada
  - BC infrastructure Grants
- Investment Advisory Services
  - DNB Norway





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