Problem
In January 2013, a stock assessment found that the Pacific Bluefin Tuna population decreased 96.4% since the 1960’s.

Solution
Establish a tuna hatchery in the East China Sea along the coast of Japan.

Project Goals/Objectives
- Increase tuna population to 10% of the ’60’s level within 7 years
- Provide sustainable source of fish protein for Japan
- Reduce price of Bluefin tuna (Currently $24 per piece of sushi)

Benefits
- Improve natural reproduction rate
- Reduce fuel and other costs to Japanese fishing fleet
- Maintain biodiversity

Costs
- Starting Cost (est. $625,000)
- Operating cost (est. $520,000)
- Accumulated waste of Bluefin tuna

Method
1. Obtain funding from Japanese Government or coalition of Japanese fishermen
2. Work with Japanese fishermen to provide adult tuna for the hatchery
3. Stock hatchery
4. Breed tuna and release
5. Raise fingerling tuna to maturity
6. Breed adult hatchery tuna and release most males
7. Repeat cycle

Why Japan?
- Japan consumes 80% of all Bluefin tuna caught globally (sushi/sashimi)
- Bluefin tuna populations around Japan have declined rapidly

References