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

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

Repeat cycle
Obtain funding from Japanese Government or coalition of Japanese fishermen
Work with Japanese fishermen to provide adult tuna for the hatchery
Stock hatchery
Breed tuna and release
Raise fingerling tuna to maturity
Breed adult hatchery tuna and release most males

References

Method*
Source-ISC, Fisheries Stats