

# SOCIO-ECONOMIC IMPLICATIONS OF FAD CLOSURE

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# ASSUMPTIONS

- 4 months FAD closure
- 36 catchers with average tonnage of 250 GRT with average daily catch of 3 mt

## ECONOMIC PRODUCTION

- Opportunity cost in terms of volume estimated at 12,960 metric tons with an estimated value of US\$ 26.9 Million at the rate of US\$ 223,992 or roughly **Php 10 Million** daily using the average Bangkok price for 2012 at US\$ 2,074 per metric ton based on WCPFC paper entitled, “*A Compendium of Fisheries Indicators for Bigeye, Skipjack, Yellowfin, and South Pacific Albacore Tunas*,” (WCPFC-SC9-2013/SA-WP-06).

## ECONOMIC PRODUCTION

- Reduce processing capacity potential by tuna canneries by about 18% during the period enough to put 2 canneries out of business for the period

# FOOD SAFETY

- with increasing Philippine population and rising food prices, fish has become a major source of protein. In a publication entitled, “THE STATE OF WORLD FISHERIES AND AQUACULTURE 2012 by Food and Agriculture Organization of the United Nations (FAO), ASIAN per capita fish consumption in 2009 was estimated at 20.7 kg. With the closure, we are likely to deprive 626,087 Filipinos of their protein source.

# LIVELIHOOD

- with an average number of fishermen on board purse seine/ring net fleet stand at 60 per fleet as provided by industry players, thus 2,160 fishermen will be deprived of their source of living to support 10,152 household members. According to 2010 Philippine National Statistics Office data the average Philippine household size is 4.7 (<http://www.census.gov.ph/content/household-population-philippines-reaches-921-million>)

# LIVELIHOOD

- For each person directly engaged in capture fisheries production in 2010 about 3 to 4 related jobs were generated in secondary activities according to a publication entitled, "*THE STATE OF WORLD FISHERIES AND AQUACULTURE* 2012 by Food and Agriculture Organization of the United Nations (FAO), thus an estimated 8,640 persons in the secondary activities of the fisheries production will be deprived of their source of living to enable them to support 40,608 household members.

# LIVELIHOOD

- In tuna canneries alone, a proportionate estimate reduction on job generation is estimated at 2,880 workers supporting 13,356 household members.



# SAFETY OF FISHERMEN AT SEA

- though nothing replaces proper training in sea safety and good safety at sea practices, fishing on FADS enhances safety at sea. According to a study in 2012 entitled, *“Anchored Fish Aggregating Devices for Artisanal Fisheries in South and Southeast Asia: Benefits and Risks,”* by the Food and Agriculture Organization of the United Nations (FAO), the safety of fishers is enhanced when they fish near FADs.

# SAFETY OF FISHERMEN AT SEA

- Their position will be known if they fish at an anchored FAD and have informed someone where they were going. If they don't return when expected, someone will be able to tell the search and rescue agency where to start the search, thus reducing the search area and cost. If they are able to tie their boat to FAD their eventual rescue will be much easier. Tying to an anchored FAD, however, is not allowed in many places and should only be done in an emergency situation. Even if they can't transmit a message and nobody reports them missing, other fishers are likely to come along and they will eventually be rescued, as FAD is a gathering point for fishing activity.