

2018/OFWG/WKSP1/002

Fighting Illegal, Unreported and Unregulated Fishing As an Alternative Strategy to Combat Overfishing

Submitted by: University of California Santa Barbara



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Outline

- >Importance of fisheries and their status
- Challenges to fisheries sustainability (e.g. overfishing, IUUF)
- ➢ Benefits of addressing IUUF

Marine Capture Fisheries

• Sources of food, livelihood, income, and recreation

81.5 million tonnes – global production (FOA 2016)

56.6 million people –involve in the primary sector of capture fisheries, mostly (>80%) in Asia (FAO 2016)

FAO 2016. The State of World Fisheries and Aquaculture 2016. Contributing to food security and nutrition for all. Rome. 200 pp.

Fisheries challenges

- Overcapacity/overfishing
- Lack of profitable fisheries/ opportunities outside fisheries
- Fisheries management challenges (in monitoring, control, surveillance, and enforcement; lack of data)
- Habitat loss and degradation
- IUUF undermines fisheries management efforts, loss economic opportunities, and reduced food security











- More fish catch and profit for legal fishers (food & livelihood security)
- More fish in the sea (conservation)
- Quality seafood
- Improved working conditions for crew and eliminate human rights abuses



Government's data		
27% reduction in boat numbers		
	Before	4286 boats (MMAF 2015)
	After	3114 boats (MMAF 2016)
40% reduction by vessel tonnage		
	Boat size (GT)	Reduction in total weights
	30-50	-23%
	50-100	-10%
	100-200	-37%
	>200	-92%
Cabral RB, Mayorga J, Clemence M, Lynham J, Koschendrajana S, Maavanah U, Nugroho D, Anna Z, Mira, Ghobr A, Zulkainanni N, Gaines SD, Costello C. Natare Ecology and Evolution (In press) MMOR Capture Failwares Statistic of Indonesia, 2014. (2015). MMOR The Traffiertic Lessence (SIPT) SIPTIO Evolutionest of Indonesian Fishing Vessels - Perind of March 17th 2016 (In Bahasa). (2016).		



















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Key message

- Addressing IUUF in APEC regions can narrow the gap to fishery sustainability -- fisheries reform would become much more feasible
- National and regional strategies are needed to address IUUF and recover fisheries
- New technologies are available to support strategies against IUUF

Thank You

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