

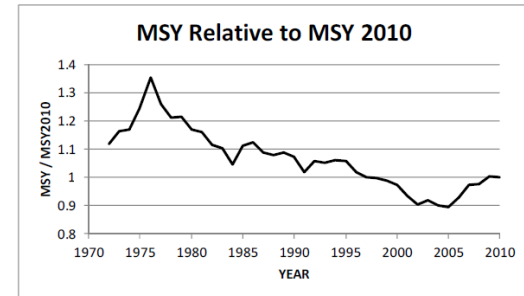
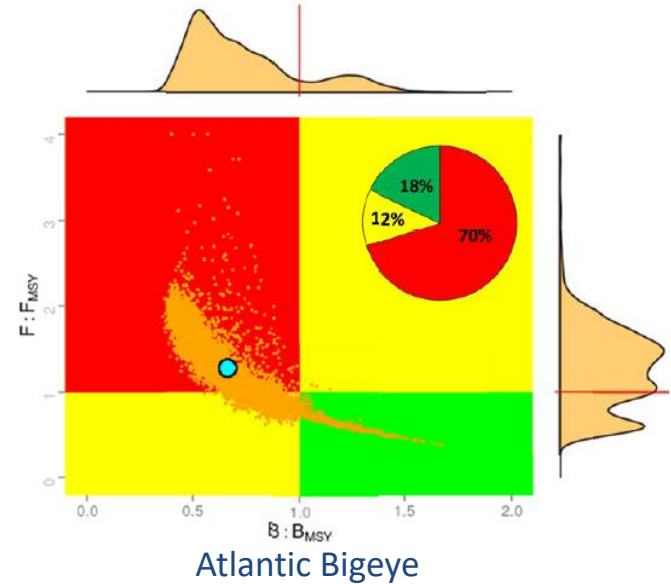


LDAC Working Group 1 , Brussels 6 April 2017

FADs management for tropical tuna purse seine fisheries
Review of knowledge and work progress by RFMOs

FADs - a problem?

- Unmanaged proliferation
- BET, YFT mortality
- Sharks
- Marine debris



Atlantic Yellowfin

Comparison of selected FAD-related measures

Measure	IATTC	ICCAT	IOTC	WCPFC
Management Plans	No	Yes	Yes	Yes
Reporting FAD activity, numbers	Yes	Yes	Yes	No
Support vessels	No	Yes	Yes	No
Marking, ID FADs	Yes (2017)	No	Pending	No
Non-entangling	No (should be deployed)	Yes (2017)	No (to be phased-in)	No
Biodegradable	No (should be promoted)	No (should be prioritized)	No (should be promoted)	No
Restrict numbers of FADs	No	Yes (monitored)	Yes (monitored)	No
Catch limits	No	Yes (TAC for YFT, BET)	Yes (TAC for YFT)	No
Time area closures	Yes	Yes	No	Yes

What is Pew doing ?

- Advocacy work
 - Reports
 - Participation to RFMOs work
- Science
 - FAD tracking project with PNA: offers scientific data to be used in research
 - Funding to SPC to examine the data
 - Facilitation of Global FAD Science Symposium

FAD Management

- **Addressing unsustainable catch of juvenile tunas:**
 - Establish effective juvenile (purse seine) quota; and
 - Reduce number of FAD sets.
- **Addressing marine debris or non-tuna by-catch:**
 - Reduce number of FADs deployed;
 - Change FAD construction (e.g., biodegradable and non entangling);
 - Register and license FADs to hold vessels accountable for abandoned FADs;Valuable initiatives, but currently not successful at reducing juvenile tuna mortality.
- **Addressing lack of information on FAD use at RFMOs:**
 - Establish FAD tracking and monitoring



FAD Tracking project with PNA

Parties to the Nauru Agreement (PNA)

- Eight equatorial Pacific Island States
- 14.8 million km² ocean territory
- 95% of FAD sets made in WCPO
- MSC free school skipjack, yellowfin



The Pew Charitable Trusts Gordon and Betty Moore Foundation

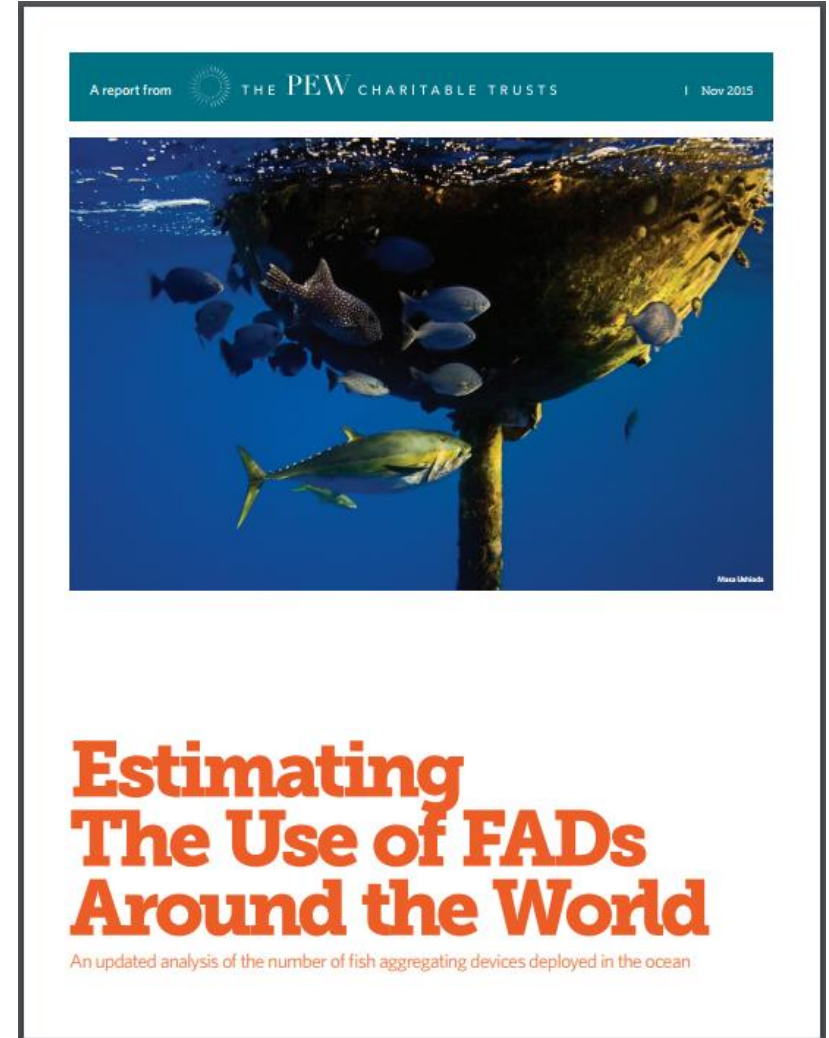
Why do it?

Pew report estimates
120,000 FADs deployed
annually worldwide

Insufficient data
collection

Impacts on small,
juvenile tunas

Ecosystem impacts,
marine debris



Why do it?

Legal: PNA, WCPFC define FADs as fishing gear, and fishing as applying to drifting FADs aggregating fish

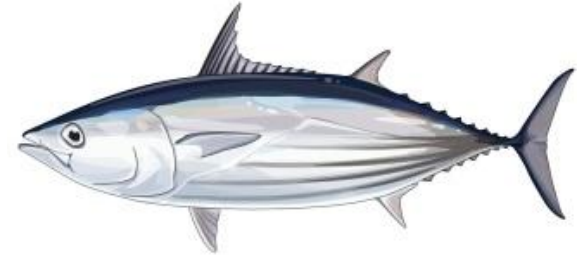
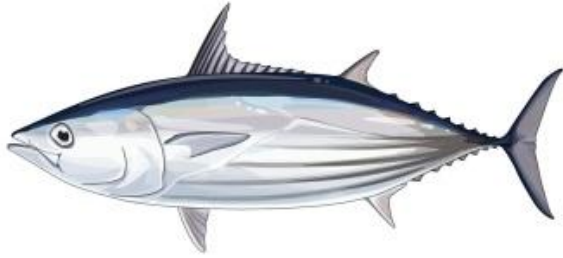
Management: Tool to monitor compliance with CMMs, establish greater control over and confirmation of fishing activities in PNA waters

Science: Generate data on FADs to facilitate research into use, effects of this gear

Cost: Near-real time FAD tracking can be achieved at no additional cost to industry

Future of FAD tracking project

- Existing data flow generates new insights into the FAD fishery for science and management
- Potential to receive additional FAD data – such as indications of species biomass under FADs
- Shows that systems like the PNA FAD tracking allows to gather data as part of a wider objective to enable FAD use within safe biological parameters



Thank you!

