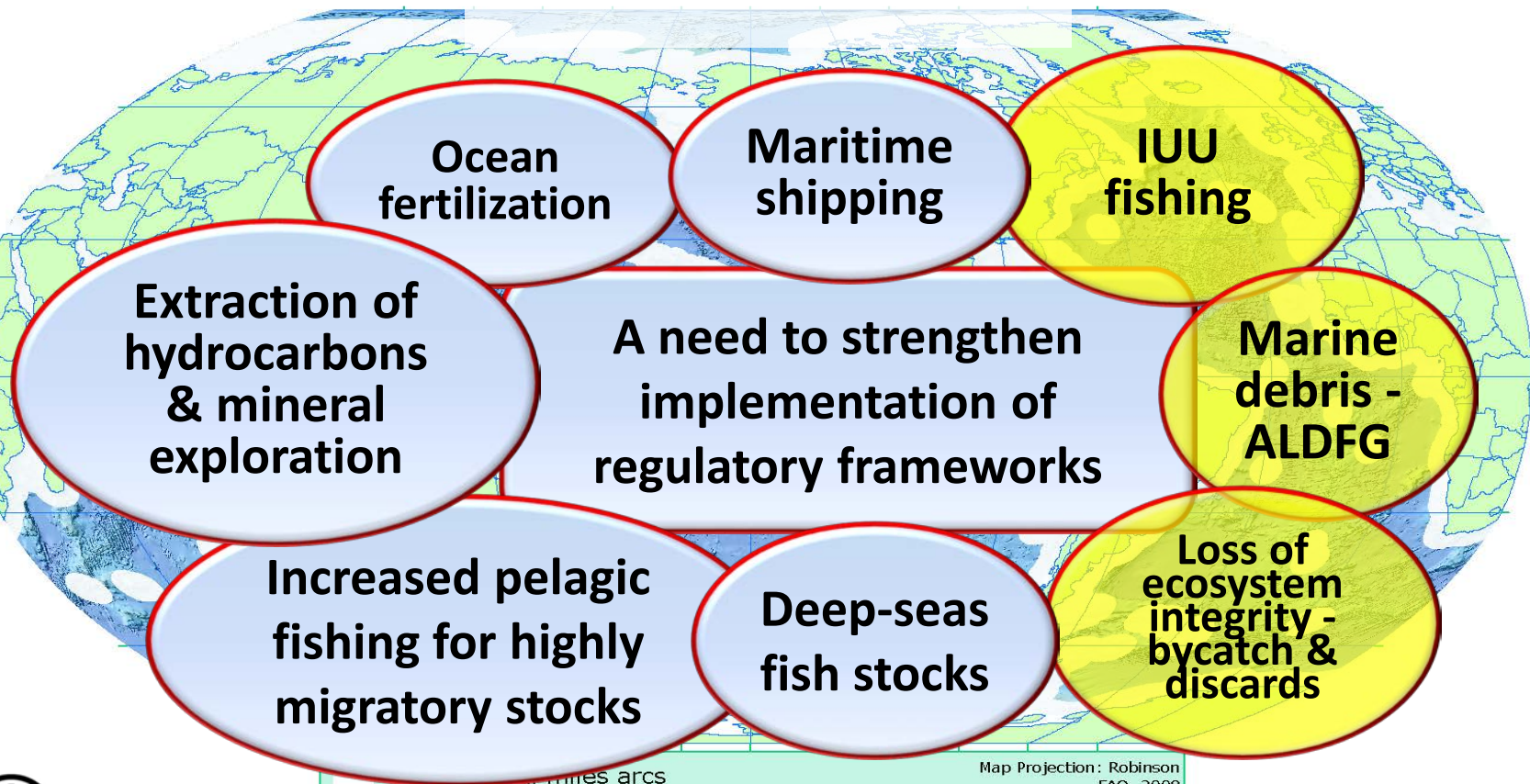


A Snapshot of threats to ABNJ Fisheries

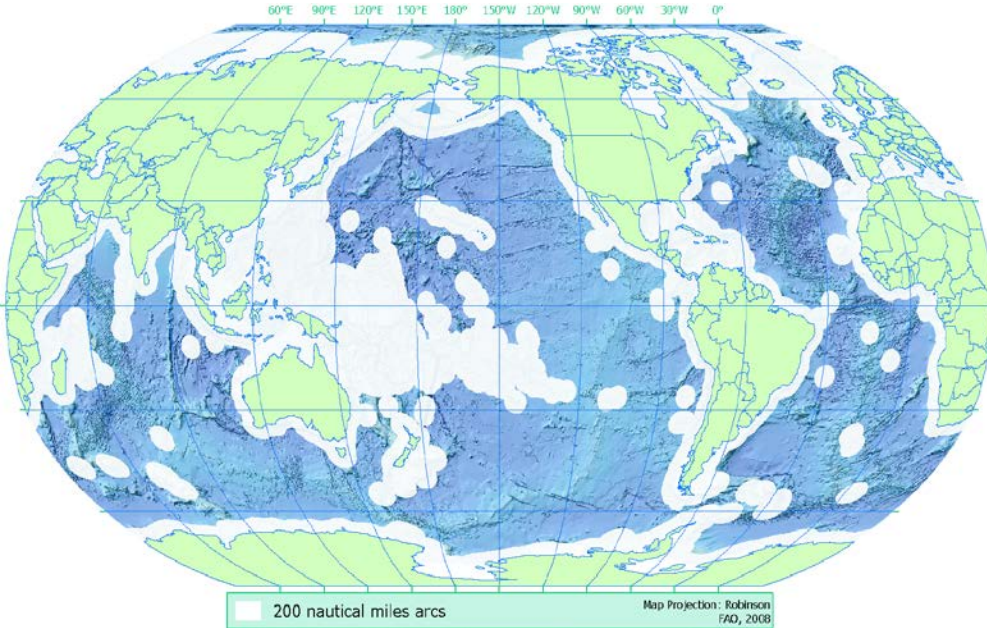
Francis Chopin
Fishing Operations & Technology Branch (FIRO)
FAO



Threats



Why should we care?



ABNJ-National jurisdiction
linkages



- ❖ Biological unity
- ❖ Food security
- ❖ Cross-impacts of resource exploitation & Pollution
- ❖ Need for compatibility of management measures



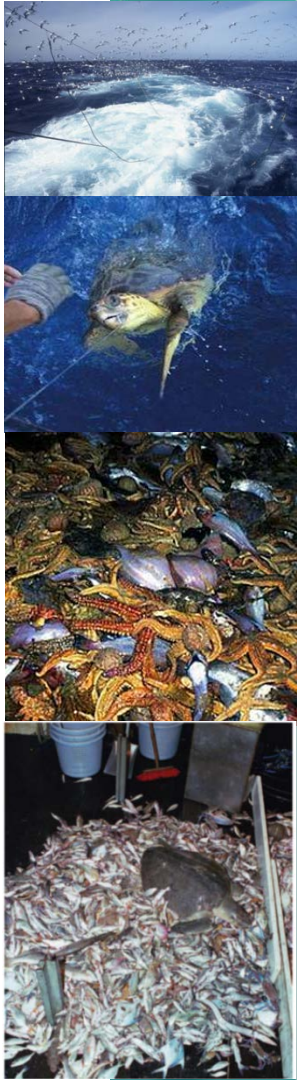
Ecosystem integrity–discards & bycatch

Magnitude: est. 18-27 mil. t/yr [FAO 1996], 7.3 mil. t/yr [FAO 2005]
app. 11 mil. t / yr nei species (FAO 2012)

Impacts: Waste of valuable food resources, loss of biodiversity, economic rent / revenues, a source of illegal or unreported catches → undermines management decision making

Instruments: FAO Code, Turtle Guidelines, UNCLOS, UNFSA, UNGA, IPOA-Seabirds, Sharks, Int. Guidelines on bycatch & discards

Issue: How to cost effectively monitor progress on bycatch & discards?



Illegal, Unreported & Unregulated Fishing

Est. Losses: US\$10-23 bill. / yr. (Agnew et al. 2009)

Results in: Loss of economic rent / gov. rev. biodiversity / ecosys.
serv. / income to bone fide fishermen

Instruments/Tools : IPOA-IUU, PSMA, VG-FSP, & GR of Vessels +
UVI

Issue: How to quantify progress towards elimination of IUU fishing?



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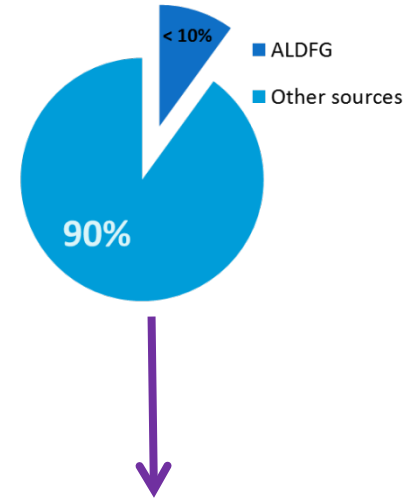
Marine Litter – Abandoned, Lost or otherwise Discarded Fishing Gears ALDFG

Magnitude: ?

ALDFG impacts: Ghost Fishing (incl. ETP species),
accidents at sea, invasive Sp., loss of
revenue, loss of biodiv.

Instruments: UNCLOS, UNFSA, MARPOL Annex V, CCRF,
UNGA, UNEP Regional Seas

ISSUE: How to quantify and reduce ALDFG impacts?



Total marine litter
Input to oceans
6.4 mill. t / yr
Source: US Acad. Sc. 1997



Key Messages

- Healthy oceans indispensable for global food security
- Fisheries are vulnerable to internal & external threats
 - Threats are dynamic spatially & temporally
 - IUU fishing + bycatch + discards + ALDFG → unaccounted
- Existing instruments must be effectively implemented
- Progress in threat reduction monitored & tracked
- Engage more broadly in industry dialogues / partnerships



Actions to address specific threats?

IUU FISHING:

- Ratify Port State Measures Agreement and tools
- Capacity building to effectively implement instruments
- Robust methods for tracking IUU fishing trends

BYCATCH AND DISCARDS:

- Account (report) all significant extractions of resources
- Robust methods for tracking bycatch and discard trends

REDUCE ALDFG IN ENVIRONMENT

- Marking of fishing gears, reporting of lost gears, removal of ALDFG from priority areas
- Tools to quantify ALDFG and tracking progress in ALDFG mitigation

MORE EFFECTIVE PARTNERSHIPS TO IMPLEMENT EXISTING INSTRUMENTS



Thank You

Francis Chopin

FAO



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