

## Prospects for increased harvest from the ocean

### SUMMING UP

by

Åsmund Bjordal, Research director

IMR / Center for Development Cooperation in Fisheries (CDCF)

NASF Side Event, Bergen, 070317



# Nansen surveys 1975-2014



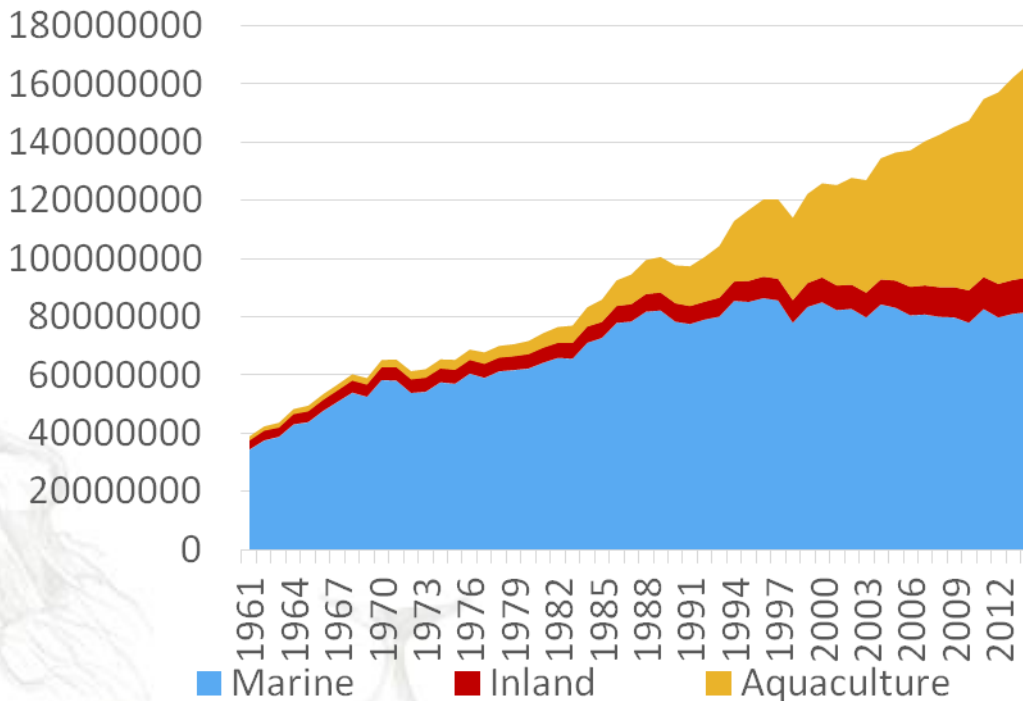
**R/V Dr. Fridtjof Nansen (III)**  
**In regular operation May 2017**  
**More focus on mesopelagic fish**





## Global fisheries production 2014

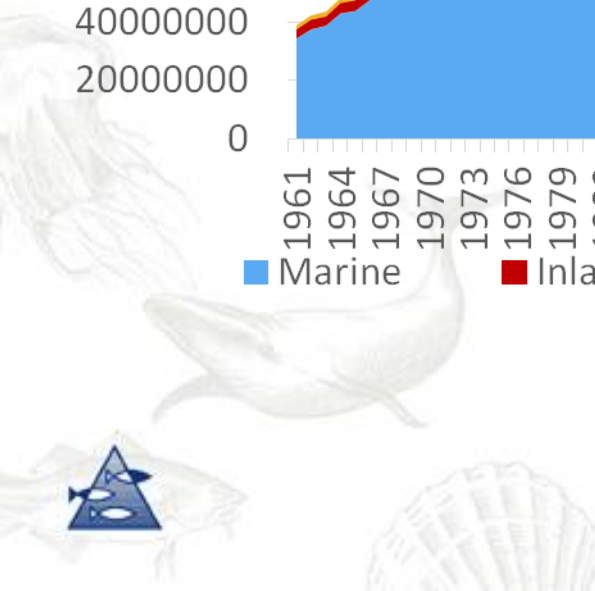
Global Fisheries Production



- Total production: 167mt:
  - 93mt from capture
  - 74mt from culture

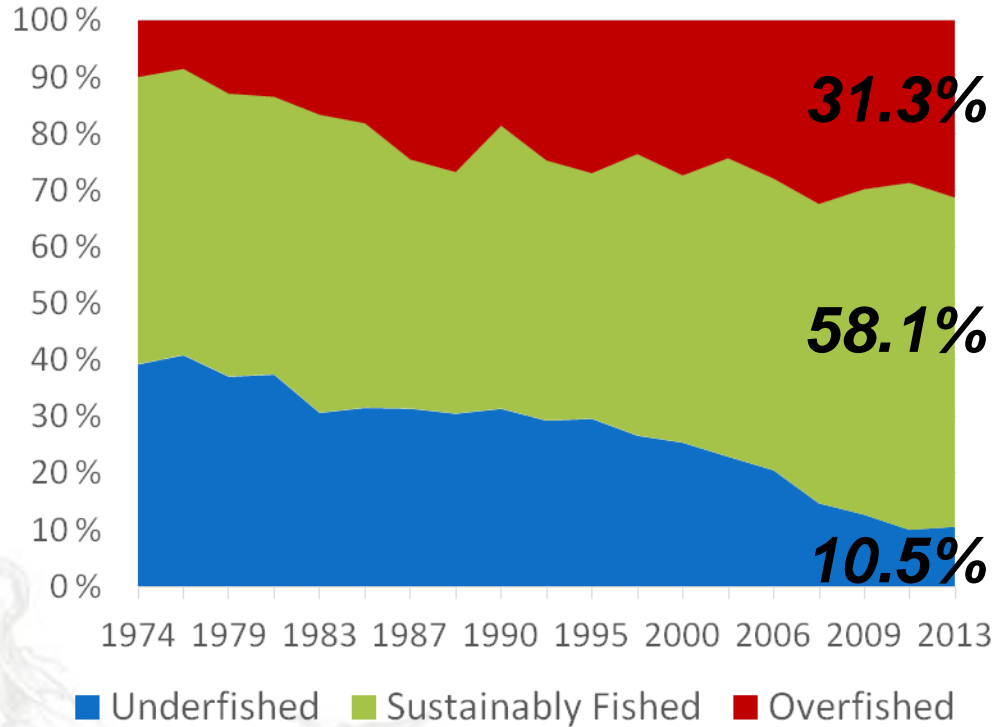
- Only 2% of global food although biomass production is equal to that on land

- **So, can the ocean contribute more to future food security and good nutrition?**

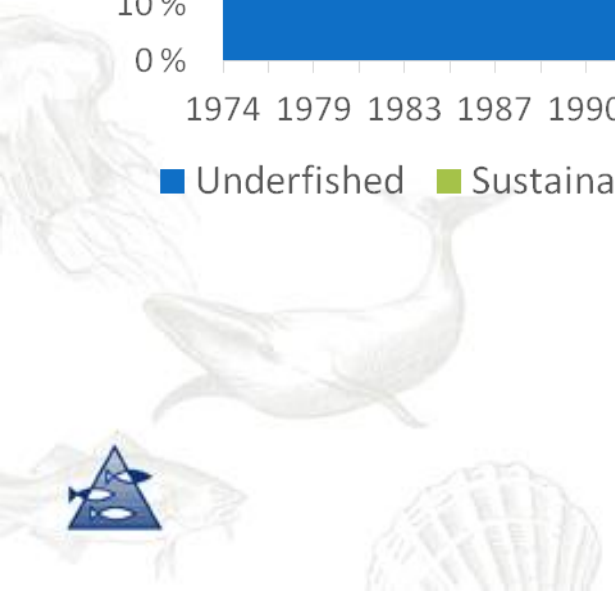




## Potential for increased harvest in traditional fisheries



- Sustainable management of overfished stocks
- Full utilization of underfished stocks
- **Additional 30 mt?**



# Potential for increased harvest from the ocean

- Current fisheries and aquaculture: 167mt
- Sustainable harvest trad fisheries: 30mt
- Utilize offal from fisheries: 5mt
- Utilize bycatch/discards: 8mt
- Harvest of zooplankton: 60mt
- Mesopelagic fish: 50mt
- Algae: 50mt
- **TOTAL (2030): 370mt?**





# Questions?



[www.cdcf.no](http://www.cdcf.no)

[www.eaf-nansen.org](http://www.eaf-nansen.org)

