

POLARITIES in the FISH FOOD SYSTEM

In management, polarities are interdependent opposites that must often be balanced for an enterprise to function at its best. The system we rely on to provide us with fish to eat also contains polarities, many of which of highlighted in this infographic. We need to manage and balance these polarities if the fish food system is to meet the world's demand and need for fish in a sustainable way and ensure secure employment and livelihoods to those who provide them.

Within EEZ's and high seas

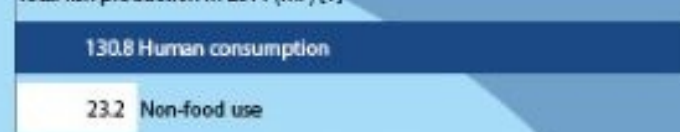
Fishing occurs both within national jurisdiction and beyond them on the high seas.

Approximately **90%** of marine catch comes from areas within national jurisdiction. [5]

Fish are produced for both direct

Human consumption and reduction for animal feed

Total fish production in 2011 (mT) [1]



Freshwater and marine

Wild capture and farmed fish production occurs both in freshwater and marine systems

Number employed in post-harvest in developing countries (m)

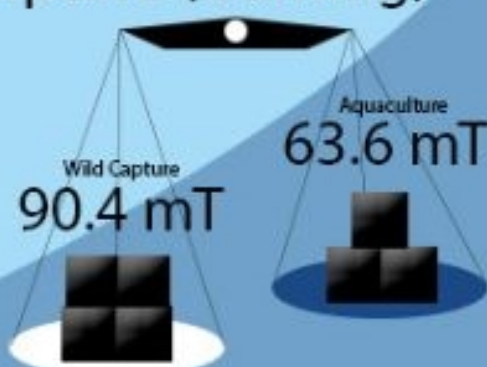
Inland	41
Marine	41.2

Number of fishers in developing countries (m)

Inland	21.5
Marine	14.2

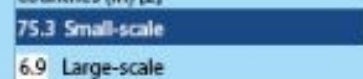
[1] Fish are produced by both

Aquaculture and wild capture (hunting)

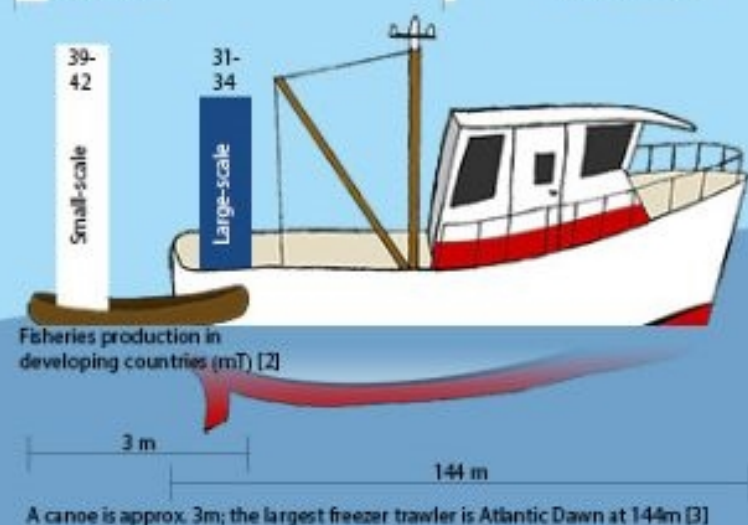
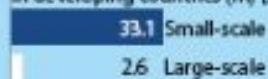


Both fishers and fish farmers operate at Small-scale and large-scale

Number of fishers in Developing countries (m) [2]



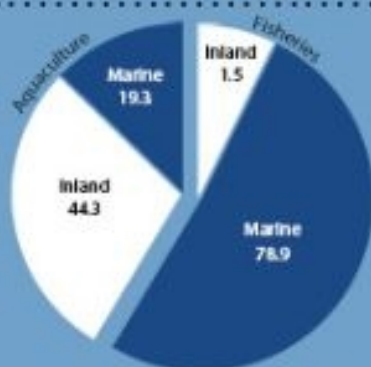
Number employed in post-harvest in developing countries (m) [2]



Fishery production supplies both

Domestic and international trade

39% of fish production entered international markets in 2008 [1]



Fish are an essential source of food for

Food security and luxury consumption for the wealthy

The most expensive Bluefin Tuna sold for at Tokyo's Tsukiji fish market in January, 2012. [3]

\$550 /kg

[4] The average price of low value fish in retail markets in Bangladesh is

\$1 /kg

Sources: [1] FAO (2012) The state of world fisheries and aquaculture (SOFIA) 2012. 318 pp. [2] Mills DJ, Westlund L, de Souza G, Raza I, Wilson R, Kelleher K (2011) In Managing Small Scale Fisheries, Frameworks and Approaches, ed's Pomeroy S, Andrew NL. CAB, Oxford, pp 1-15. [3] Associated Press. [4] Ahmed (2010) Marketing of low-value cultured fish in Bangladesh: An evaluation of value chain. Aquaculture Asia Magazine, Volume XX No. 5, 15-21. [5] Global Ocean Forum News Mag. 2012.