



# 9<sup>o</sup> World Ocean Forum

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## FAO's Blue Growth Initiative



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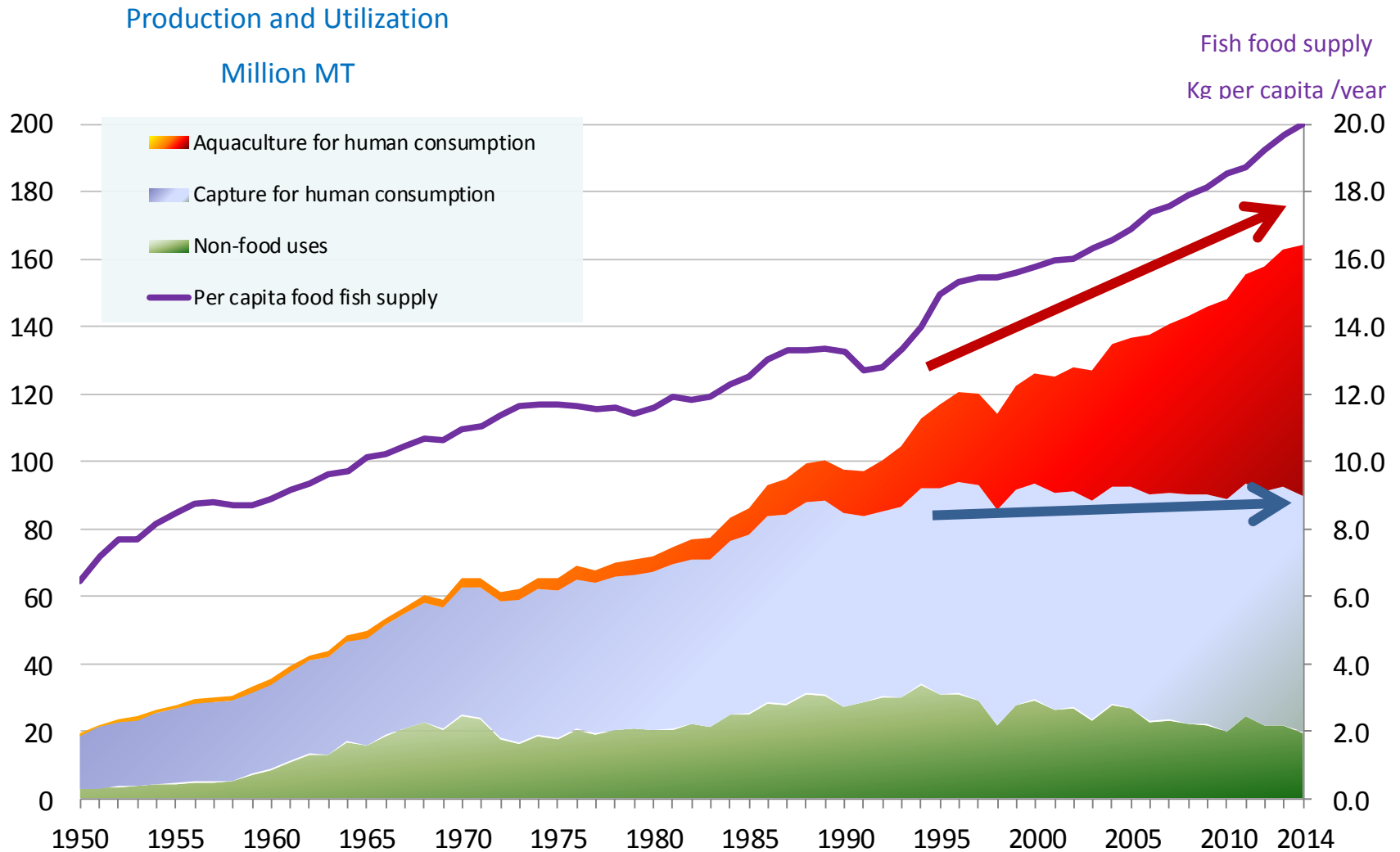
Fisheries and Aquaculture Department

Food and Agriculture Organization (FAO)

# Key importance of oceans, seas and inland waters for achievement SDGs

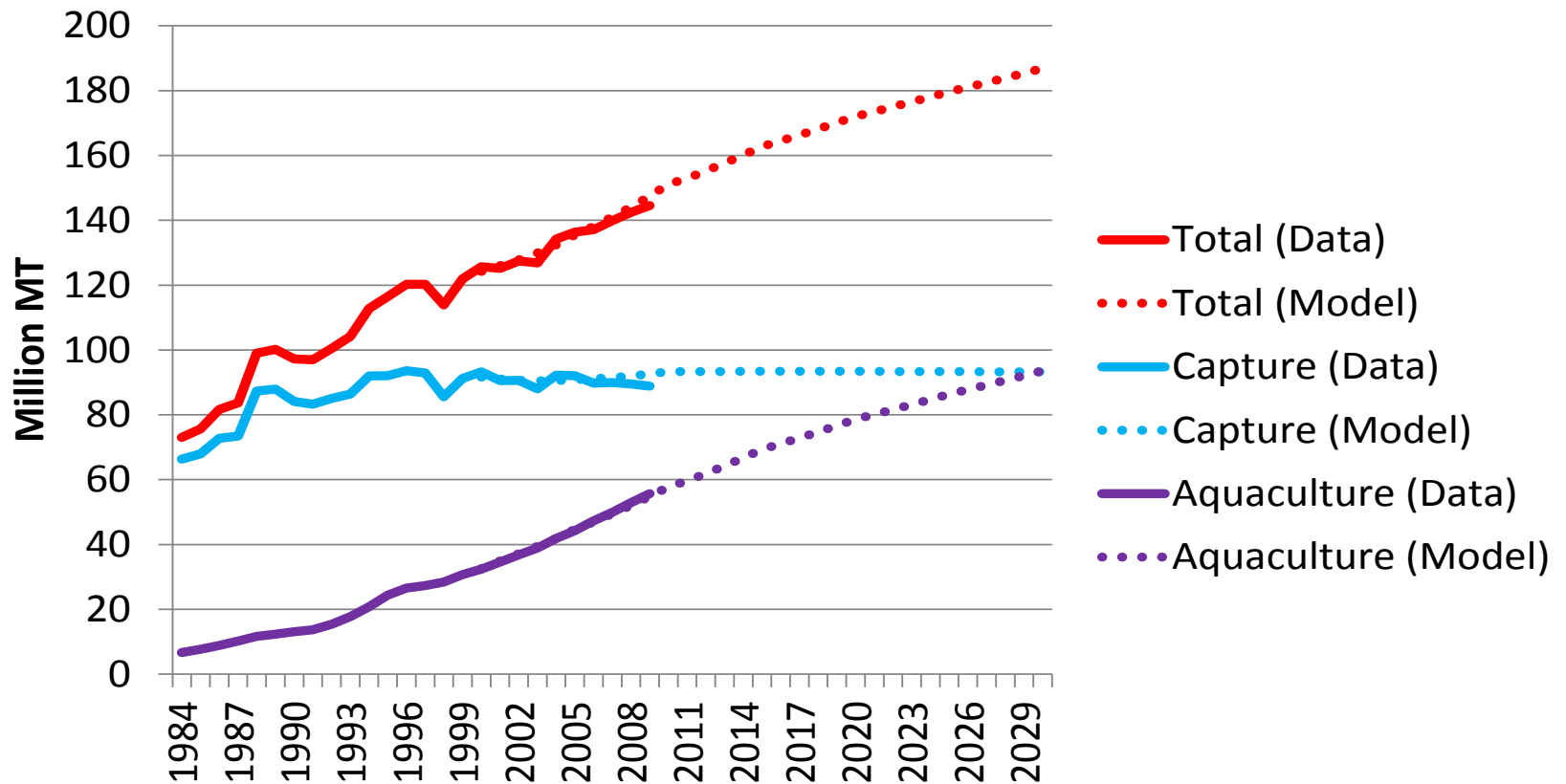
- Covering 71% of the Earth's surface, providing 50% of the world's oxygen and home to 80% of all life on earth
- 40% world's population lives less than 100 km off the coast
- Livelihood of 12% of the world's population depends on fisheries and aquaculture sectors
- Fish represents on average 17% of our animal protein intake and it provides a major source of micronutrients
- 55% of all atmospheric carbon captured by living organisms is captured by the sea and by blue carbon sinks (e.g. mangrove forests)

# Production and Utilization



Note: Data referring to 2014 should be considered as preliminary.

# Global fish production: Data and projections (1984-2030)



Source: FAO/OECD model "FISH to 2030"

# Challenges...

- Overexploited fish stocks
- IUU fishing
- Pollution
- Ocean acidification
- Declining biodiversity
- Climate Change
- Post harvest losses
- Dangerous work environment
- Increased demand
  - World population increase
  - Increased incomes
  - Urbanization
  - Changing diets



# Code of Conduct for Responsible Fisheries

- Unanimously adopted by the FAO Conference on 31 October 1995
- as a follow up to the Rio Summit in 1992
- It provides the principles and standards applicable to conservation, management and development of all fisheries
- It has led to other important fisheries instruments:
  - Port States Measures Agreement against IUU fishing followed in 2009
  - FAO technical guidelines for aquaculture certification in 2013
  - Voluntary guidelines on Small Scale Fisheries in 2014

# FAO's Blue Growth Initiative

- Launched in December 2013, following the Rio+20 Conference
- A common framework for action in 4 inter-related streams of work:
  - Capture Fisheries
  - Sustainable aquaculture development
  - Livelihoods and Food systems
  - Eco-system services
- Cross-sectoral:
  - Agriculture
  - Fisheries
  - Forestry
  - Socio-economic policies

# Examples of BGI deliverables in capture fisheries

- Inland fisheries development
- Habitat restoration (e.g. aquatic plants and mangroves)
- Reduction of overcapacity/overexploitation
- Reduction bycatches and discards
- Knowledge development on human interactions with ecosystems



# Examples of BGI deliverables in Aquaculture

- Promotion of “Blue Aquaculture”
- Domestication of species
- Algae cultivation
- Hatchery development
- Bio security
- Rice-fish farming

# Examples of BGI deliverables for ecosystems services

- Restoration of mangroves
- Policy development based on cultural heritage systems
- Geographic Information Systems development for monitoring
- Protected areas
- Strengthen services for better protection of vulnerable coastal communities against floods, tempests and erosion

# Examples of BGI deliverables for improved livelihoods

- Promote access to resources by vulnerable populations
- Strengthen resilience
- Promotion of safe and decent work conditions
- Value chain development
- Reduction of food waste

# The FAO Blue Growth Initiative

## Blue Growth Strategy

### Ongoing

Indonesia  
Mauritania  
Morocco  
Algeria  
Senegal  
Gabon  
Seychelles  
Madagascar  
Cabo Verde

### Pipeline

Near East Region\*  
Kenya  
Mozambique  
Bangladesh  
Côte d'Ivoire  
Gulf of Guinea\*  
Pacific\*  
Iran (Republic of)

## Aquaculture

### Ongoing

Bangladesh  
Sri Lanka  
Viet Nam

### Pipeline

Indonesia  
Philippines

### Ongoing

Indian Ocean\*  
East Africa\*  
Namibia  
Senegal  
Cabo Verde  
Kiribati  
Philippines  
Saint Lucia

## Livelihoods and food systems

### Pipeline

Ecuador  
Ghana  
Angola  
Morocco  
Thailand

## Ecosystems services

### Ongoing

Kenya  
Indonesia

### Pipeline

Amazonia\*



Near East Region  
Gulf of Guinea  
Pacific

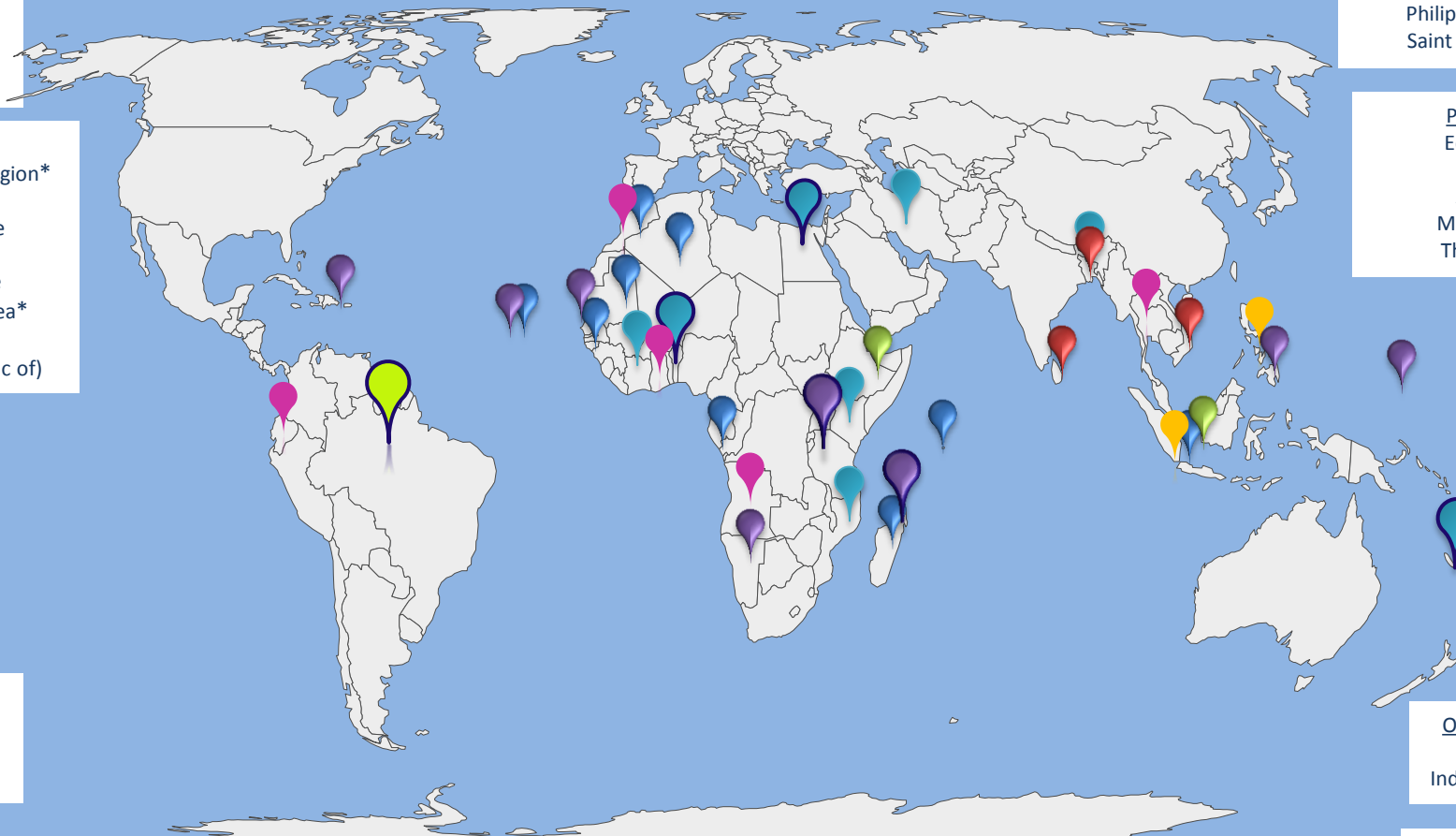


Indian Ocean  
East Africa



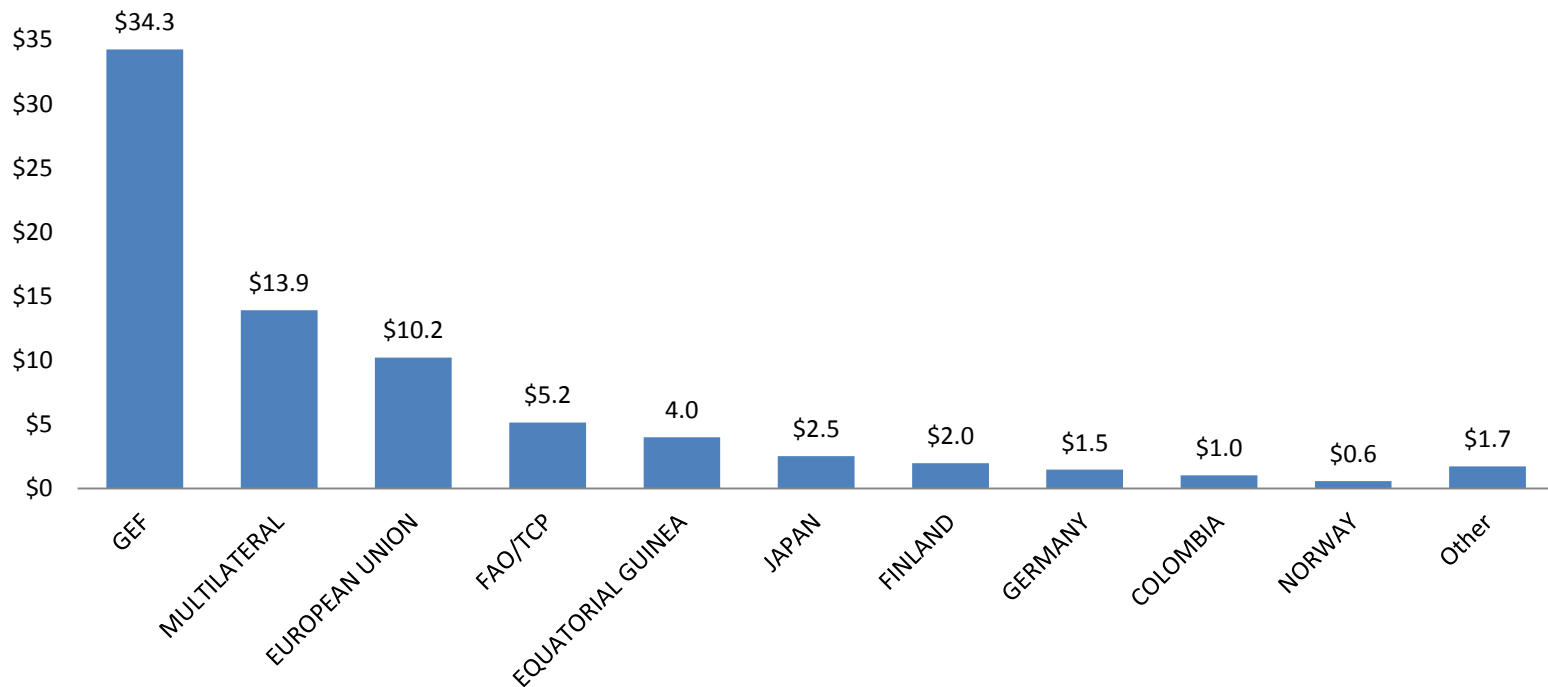
Amazonia

\* Regional work



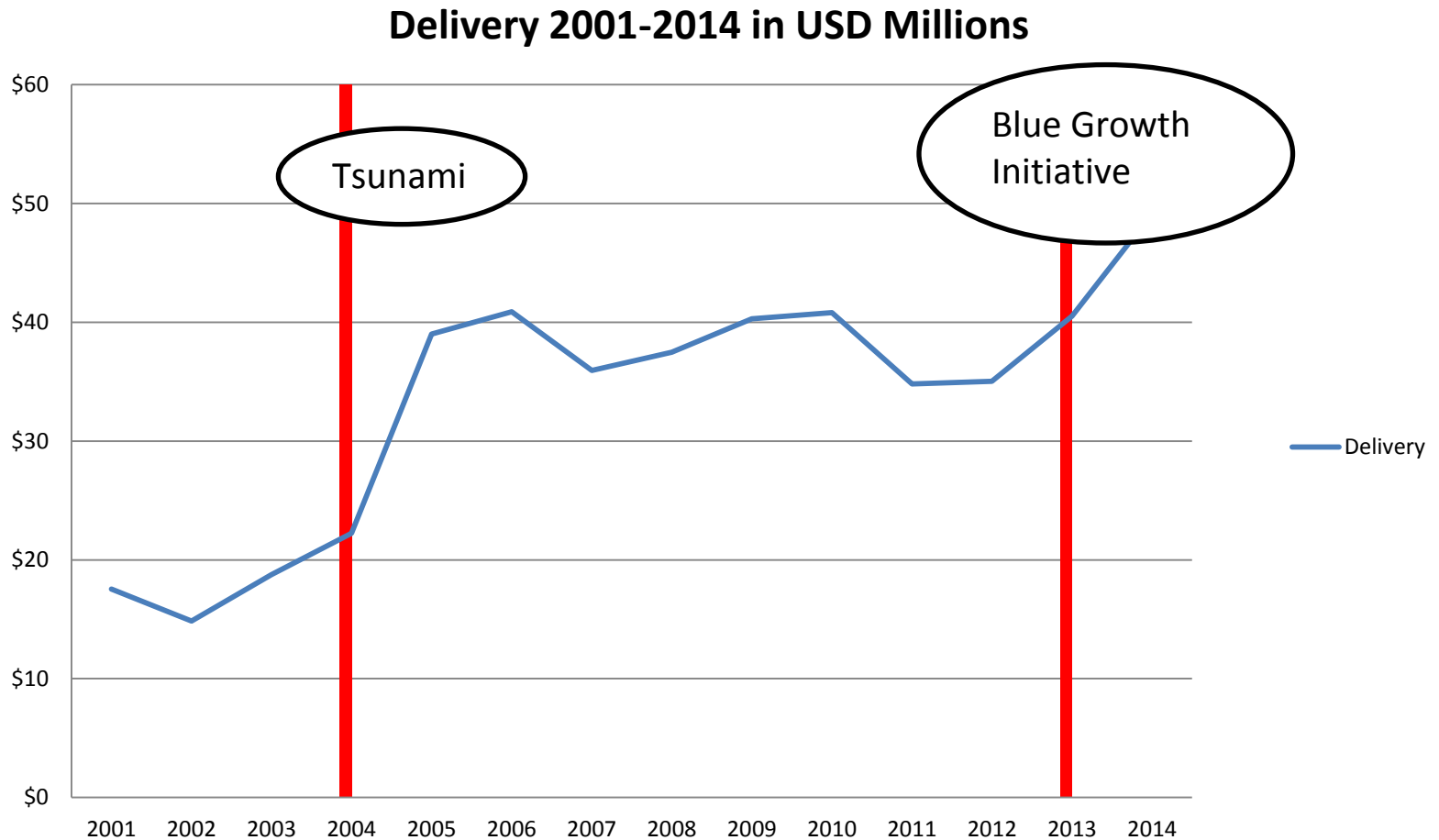
# FAO's Blue Growth Initiative

- 51 ongoing projects
- Overall total budget USD 323 million
  - USD 77 million managed by FAO
  - USD 246 million co-funding (managed by others)



# FAO's Blue Growth Initiative

## a Corporate Area for Resource Mobilization (CARM)





# Special initiative of the Republic of Korea in support of **FAO's Blue Growth Initiative**

- Proposal for establishment of an FAO World Fisheries University
- Master and PhD programs through three schools:
  - Fisheries Management
  - Aquaculture Development
  - Socio-Economic Dimension of fisheries
- English language (+ preparatory language training)
- Regular (3 semesters of 15 weeks) and short-term courses
- Full funding guaranteed by Korean government
- Collaboration with other relevant institutions (e.g. World Maritime University)



## Current state of play and next steps...

- Proposal received by FAO Director-General on 6 October 2015
- Internal feasibility assessment by FAO Secretariat ongoing
- Consultations with FAO governing bodies starting in the Spring of 2016
- Expected decision by FAO Conference in June 2017



Thank you!