

# **FAO Initiatives in Support of Sustainable Agriculture and Fisheries in Small Island Developing States (SIDS)**

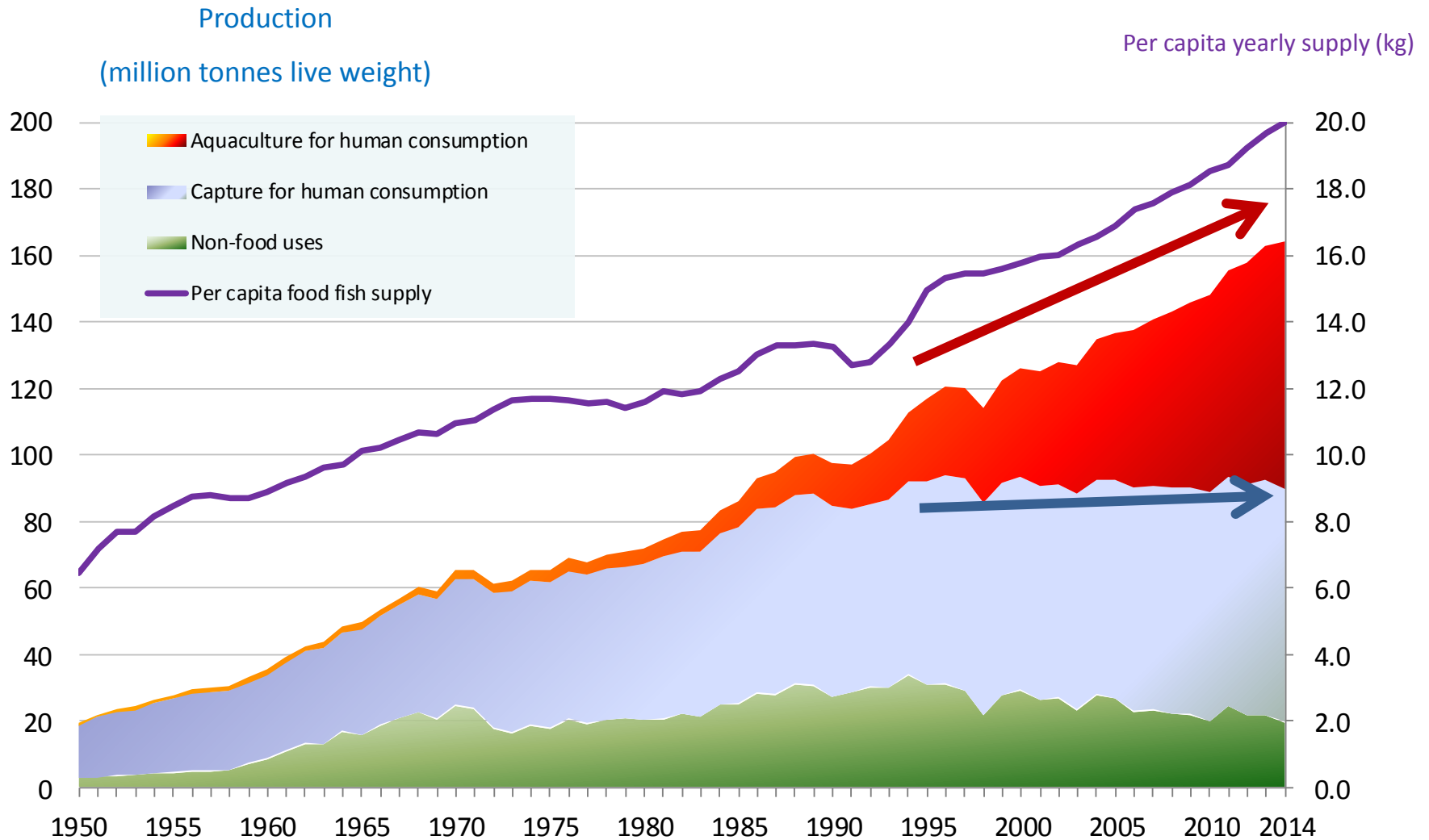
**Selvaraju Ramasamy**

**FAO, Rome**

# **Initiatives contributing to priorities of SIDS**

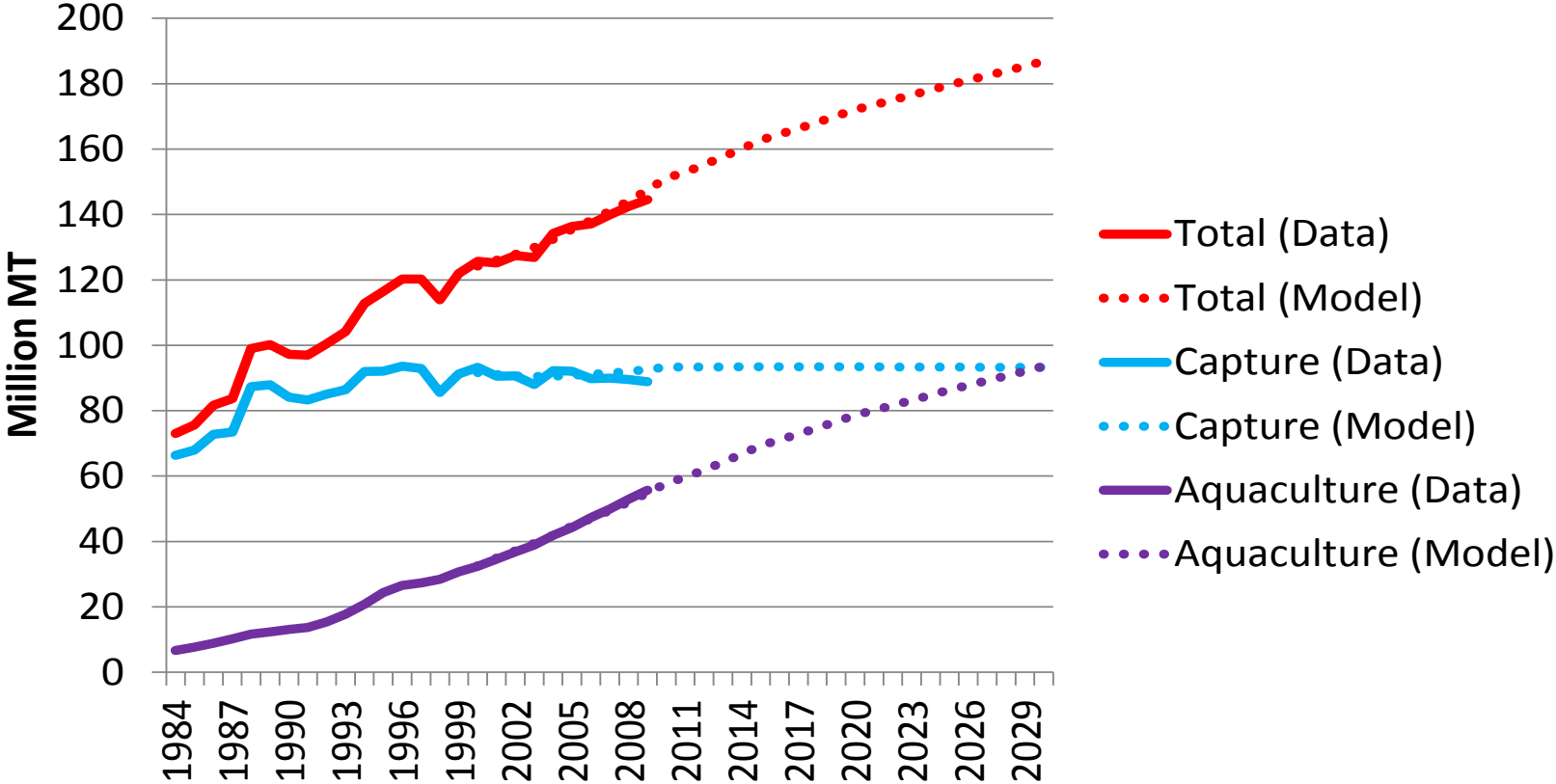
- **Blue Growth Initiative (BGI)**
- **Improving Food Systems and Value Chains for Food Security and Nutrition**
- **Resilient Livelihoods for Food Security and Nutrition**

# Fish Production and Utilization



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

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



Source: FISH to 2030

# Challenges

## **Decreasing resource base:**

1. Overexploited fish stocks
2. Overcapacity in fishing fleets
3. Degraded environment and ecosystems
4. Climate Change and increasing climate variability
5. Post harvest losses

## **Increasing demand:**

1. Population increase
2. Economic development
3. Increased consumption

# **The FAO Blue Growth Initiative: Four streams of work**

- ❖ Capture Fisheries**
- ❖ Sustainable aquaculture development**
- ❖ Livelihoods and Food systems**
- ❖ Economic growth from eco-system services**

# Cross Sectorial Activities

- **Mangrove restoration and management**
- **Reducing impact of agricultural intensification (pesticides + fertilizers) on aquatic ecosystems**
- **Rice – Fish farming**
- **Irrigation – Aquaculture**
- **Coastal zone management**

# Improving food systems and value chains development in SIDS

- Local food of high nutritional value to domestic markets, including growing tourist markets
- Attention to issues related to quality, standards and promotion of local food and feed to increase market entry
- There is also a critical need for:
  - strategic intervention from the public sector to implement policies that stimulate private sector growth
  - increased investment to build the competitiveness of domestic agricultural production





# Main Results of Value Chain Development

- **Improved planning and implementation** of data collection, analyses, application and dissemination
- **Support to design and implement policies and regulatory frameworks** in support of domestic food production and value chain development
- **Improved public-private partnership** and targeted investments for agribusiness and market development
- **Developing capacities** to develop value chains for selected agricultural commodities
- **Increased production and productivity of selected commodities** to contribute to food and nutrition security
- **Better food quality and safety systems**

# Building Resilient Livelihoods

- Reducing vulnerability
- Enhancing Adaptive Capacity
- Building resilient livelihoods

# Main Results of Resilient Livelihoods

- Support to develop and implement **Agricultural Disaster Management Plans (ADRMPs)**
- Promoting **Community Based Adaptation** and DRR to better prepare for extreme climate events and climate change
- Development and validation of **adaptation good practice options**
- Facilitating **Regional Partnership** for information and knowledge sharing
- **Capacity development** for livelihood based impact assessment
- Strengthening **Climate Information Services** for pro-active and better informed decision making
  - Monitoring networks, data collection and analysis to identify areas to target for sustainable agriculture and fisheries
  - Early Warning and Early Action to reduce impacts of extreme climate events (e.g. El Nino/Southern Oscillation)

**Thank you**