

# **Recent Developments in Fish and Seafood production and utilization**

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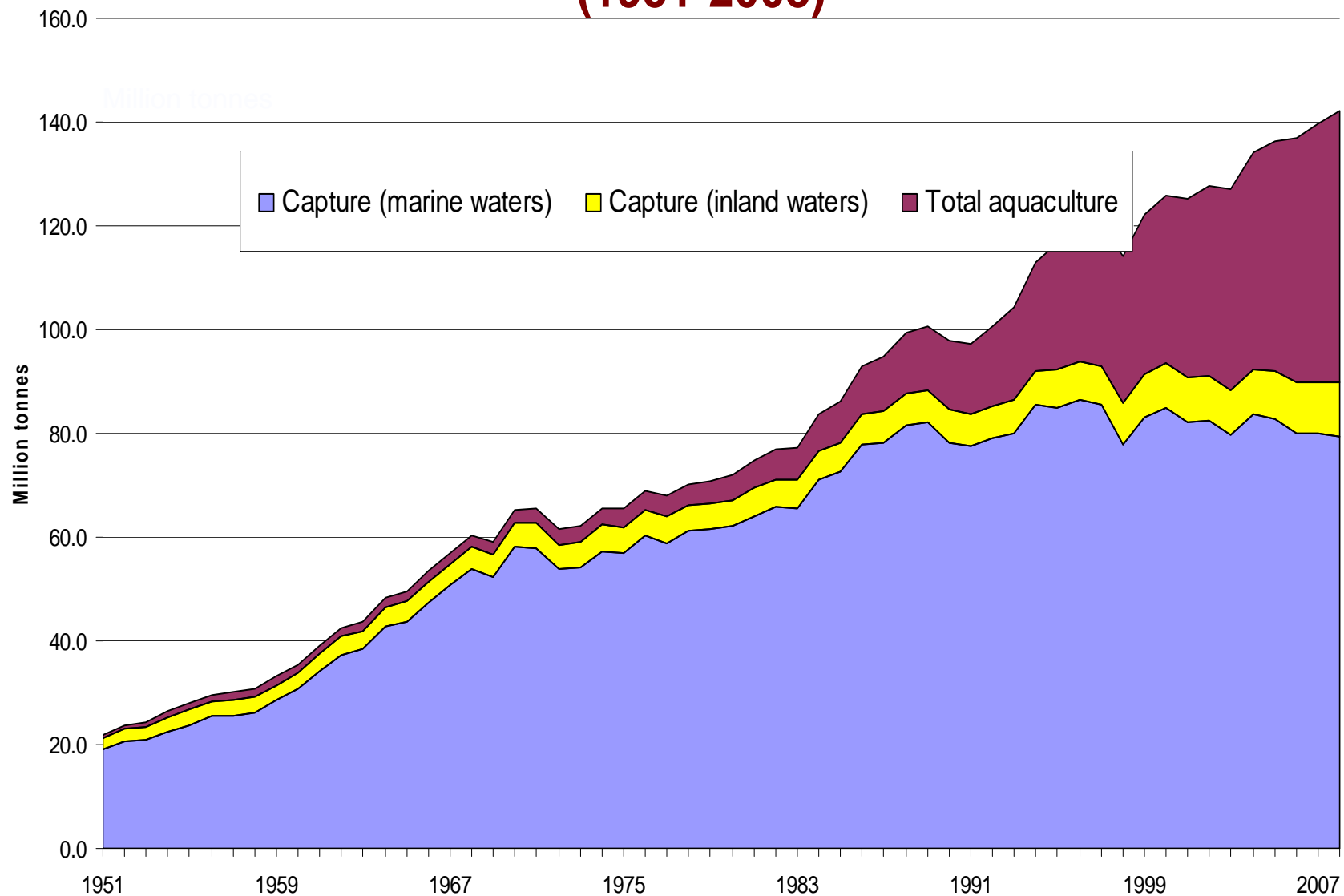
**16a Reunion de la Red Panamericana de Inspeccion, Control de calidad y Tecnologia de Productos Pesqueros**

**20 - 24 Septiembre 2010**

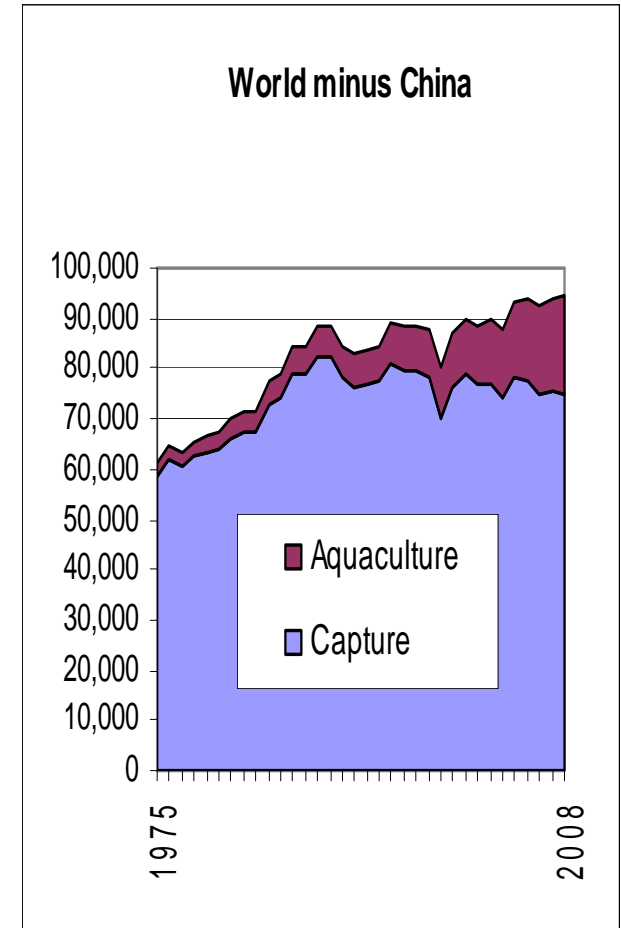
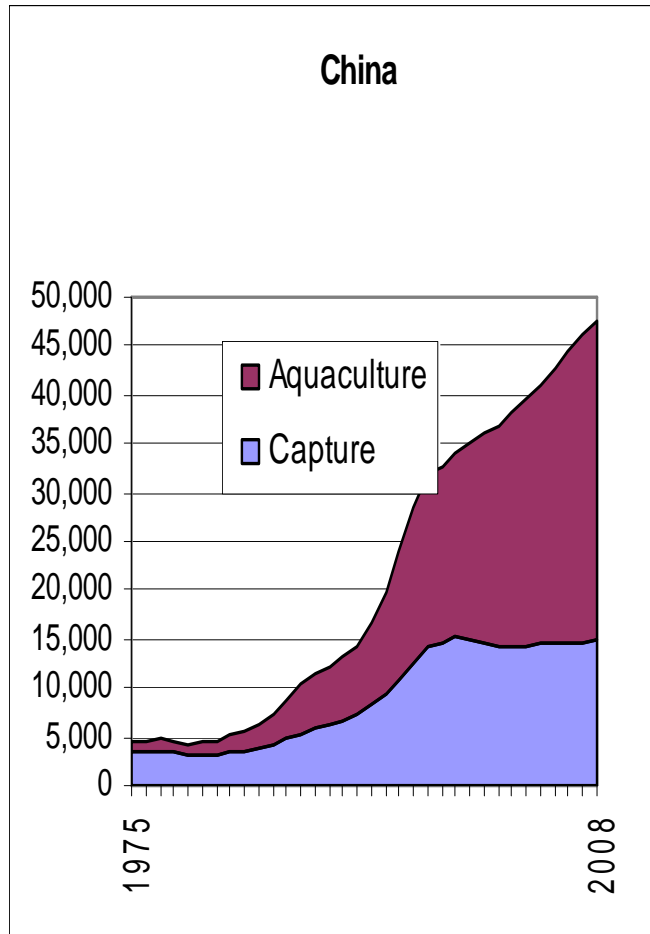
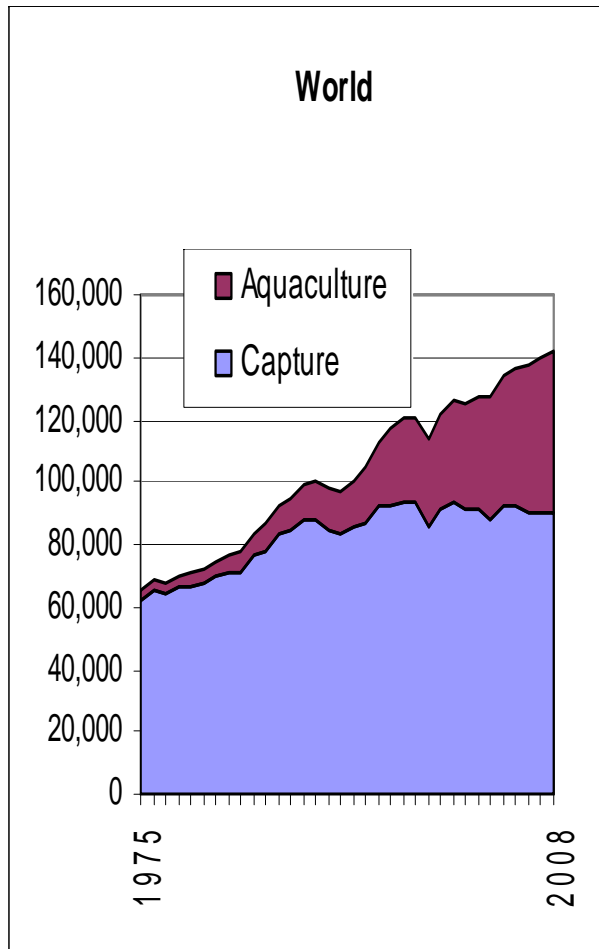
**Santos - Brasil**



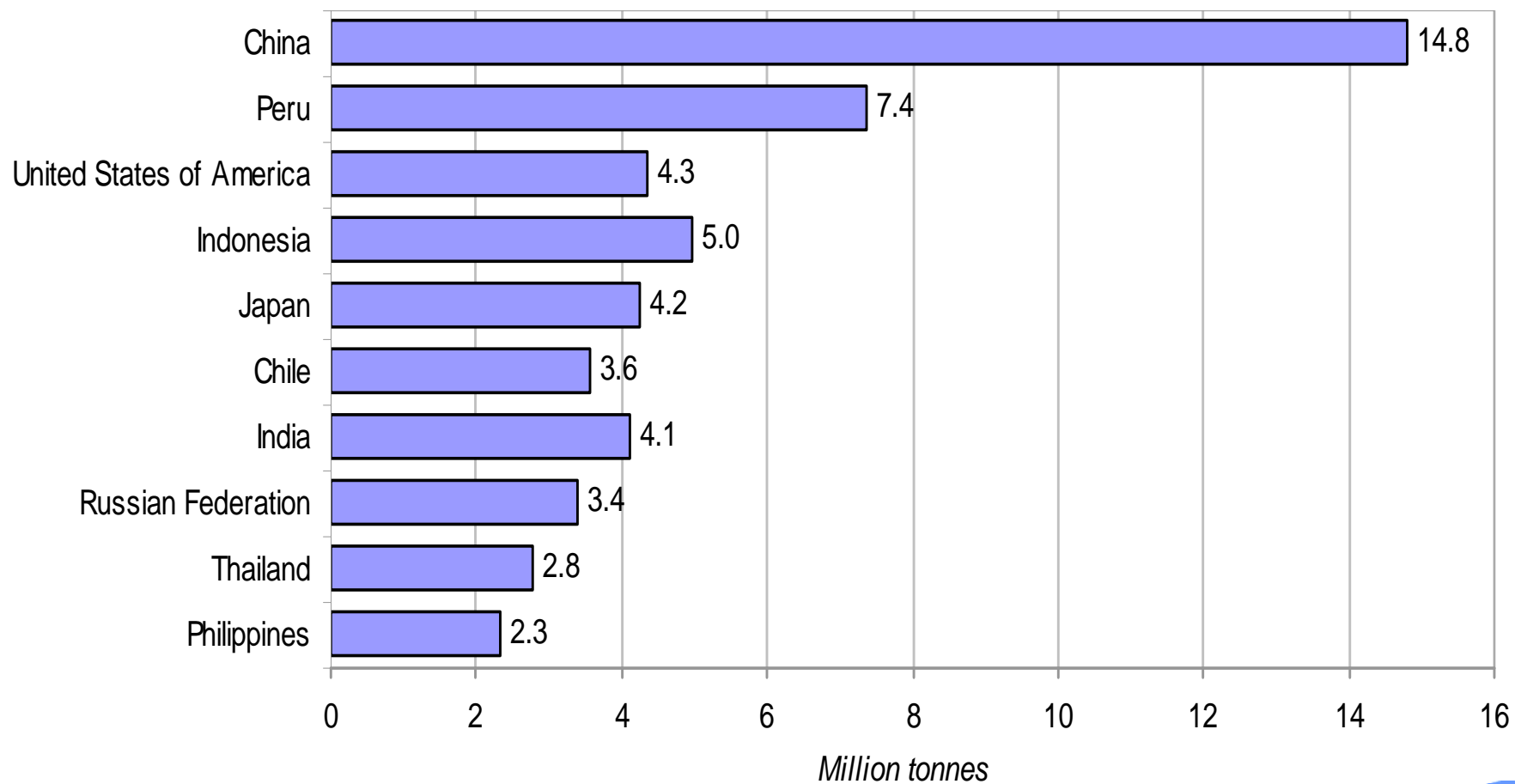
# Fisheries and aquaculture production (1951-2008)



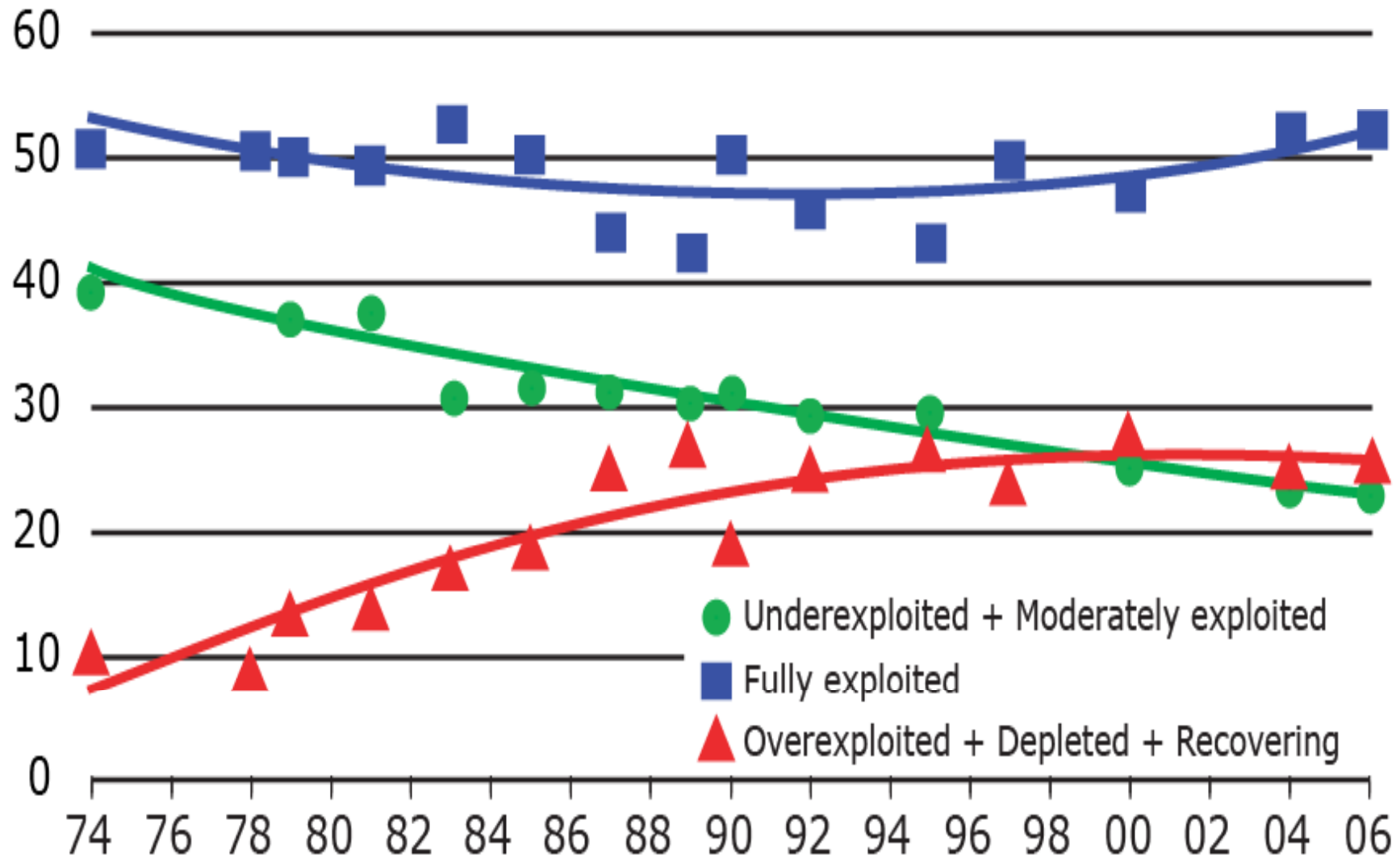
# World Fish Production (1000 T)



## Marine and inland capture fisheries: top ten producer countries (2008)

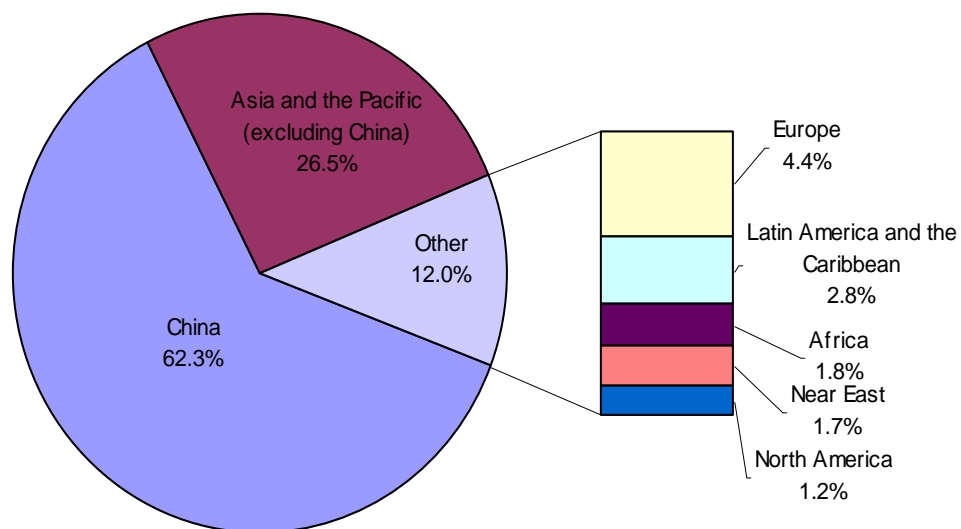


# Percentage of stocks assessed

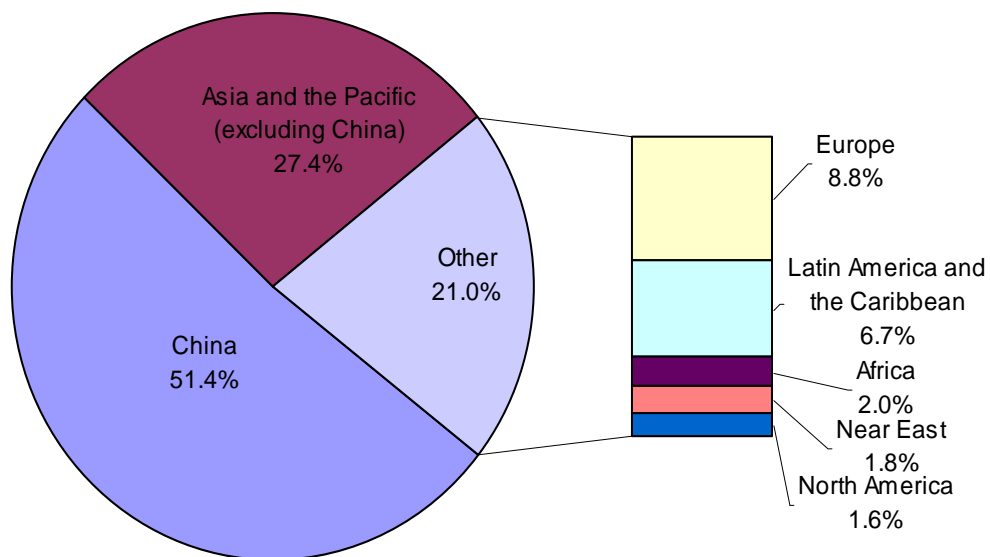


# Aquaculture production by regional groupings in 2008

Quantity



Value



# Top 15 Aquaculture Producing Nations (2008)

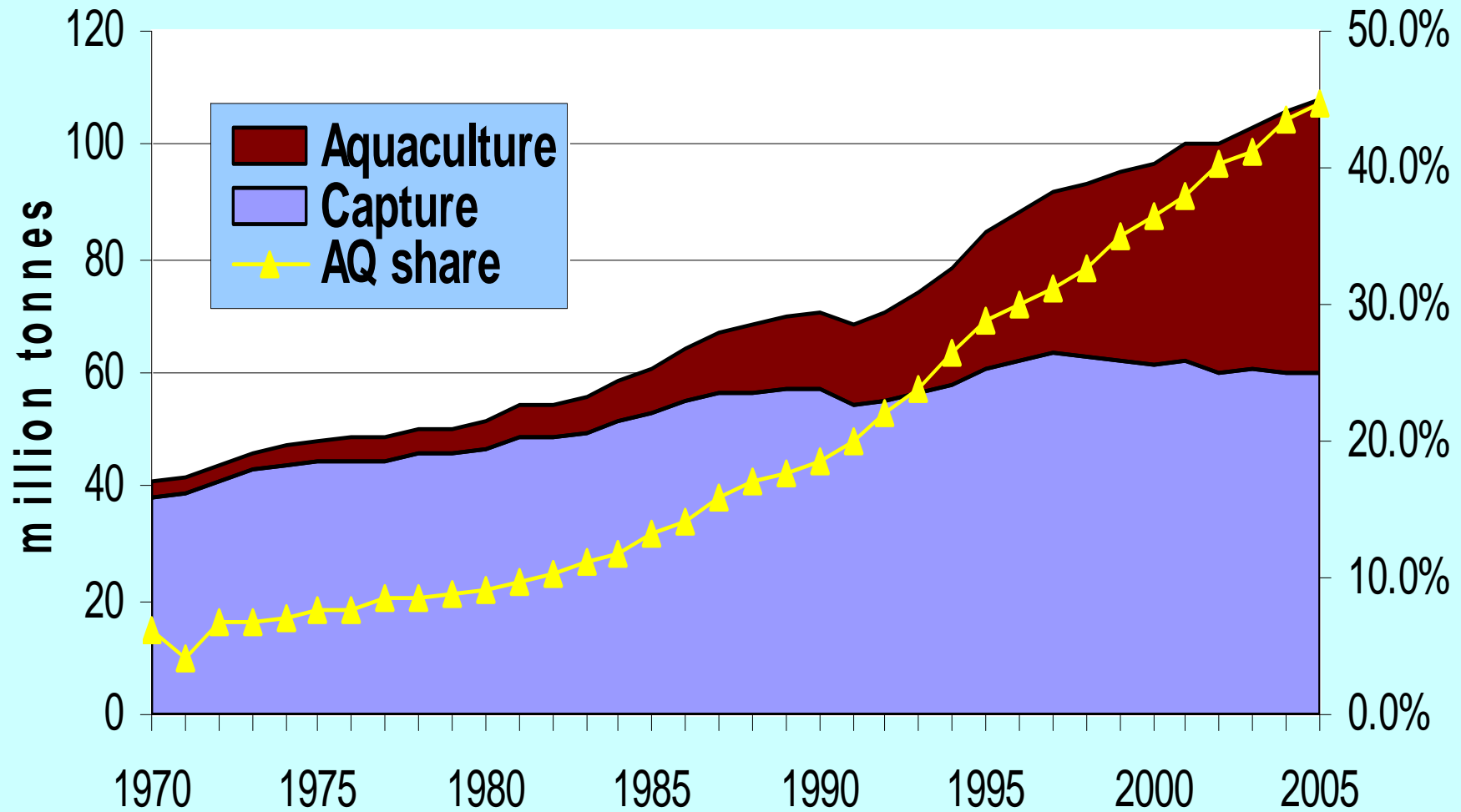
Production	
2006 (1000 t)	
China	32,736
India	3,479
Viet Nam	2,462
Thailand	1,374
Indonesia	1,690
Bangladesh	1,006
Chile	843
<b>Japan</b>	<b>732</b>
<b>Norway</b>	<b>844</b>
Philippines	741
Egypt	694
Myanmar	675
<b>USA</b>	<b>500</b>
Rep of Korea	474
Taiwan PC	324

# Main aquaculture species in international trade (2008)

Production	
2008 (1000 t)	
Shrimp	3,450
Tilapia	2,500
Salmon	1,540
Pangasius	1,375
Channel catfish	350
Trout	320
Seabream	160
Seabass	150
Other flatfish	125
Barramundi	45
Cobia	40
Atlantic cod	23
Oysters	4,320
Clams, cockles, arkshells	1,62
Mussels	1,620

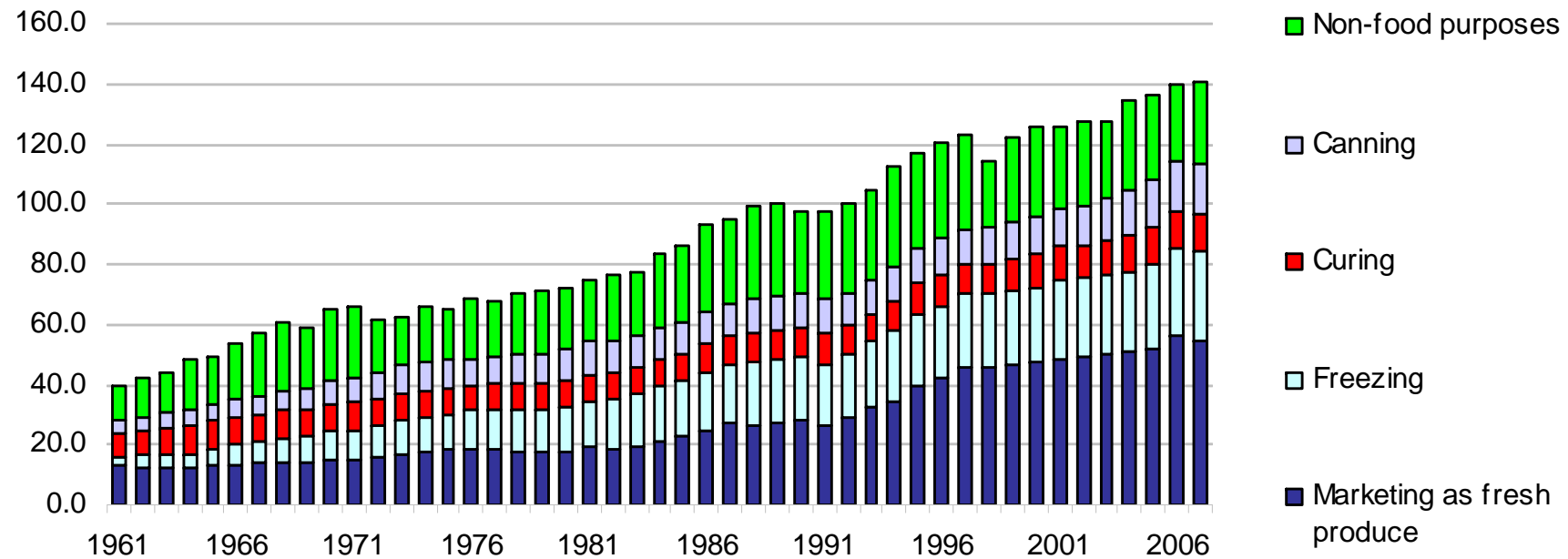


# Contribution to food-fish supply

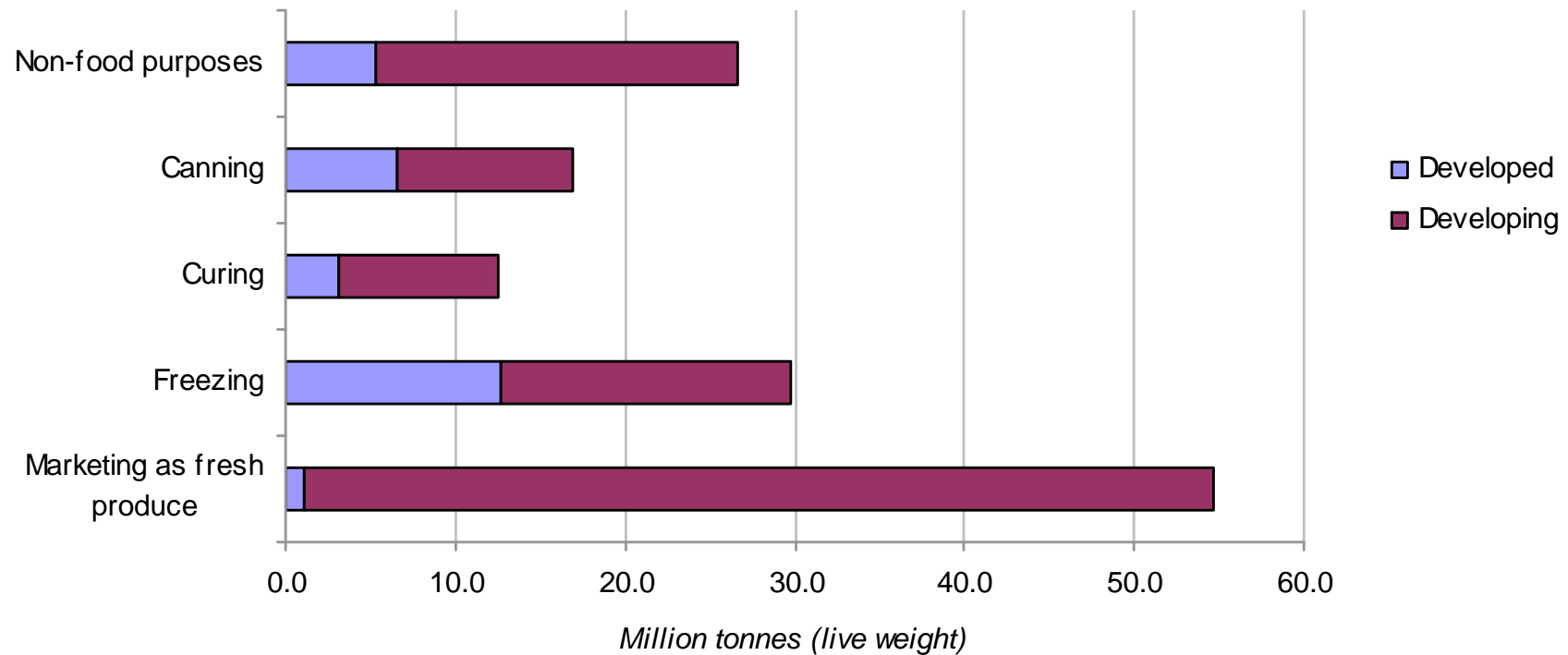


# Utilization of world fisheries production (1961-2007)

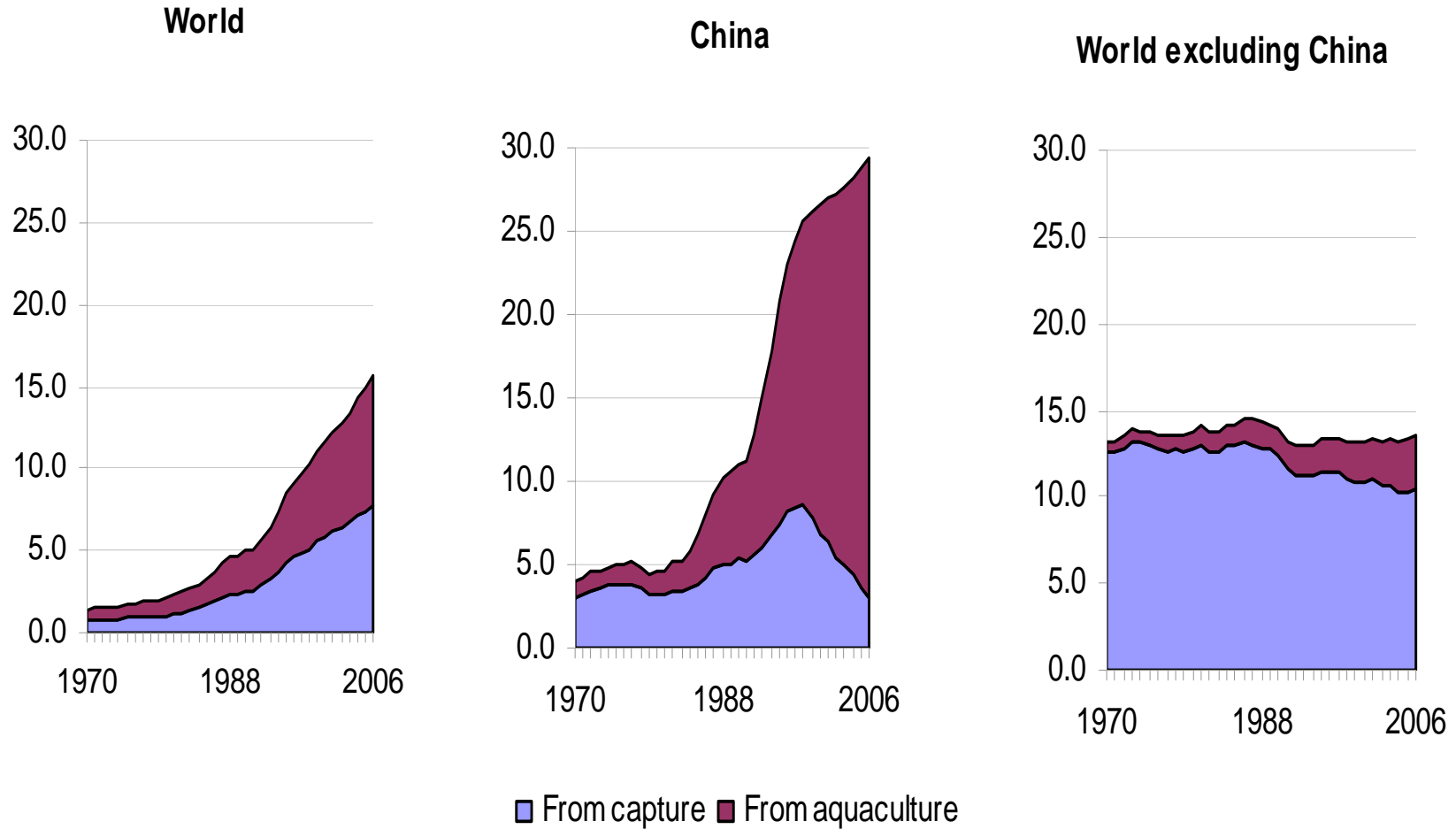
Million tonnes (live weight)



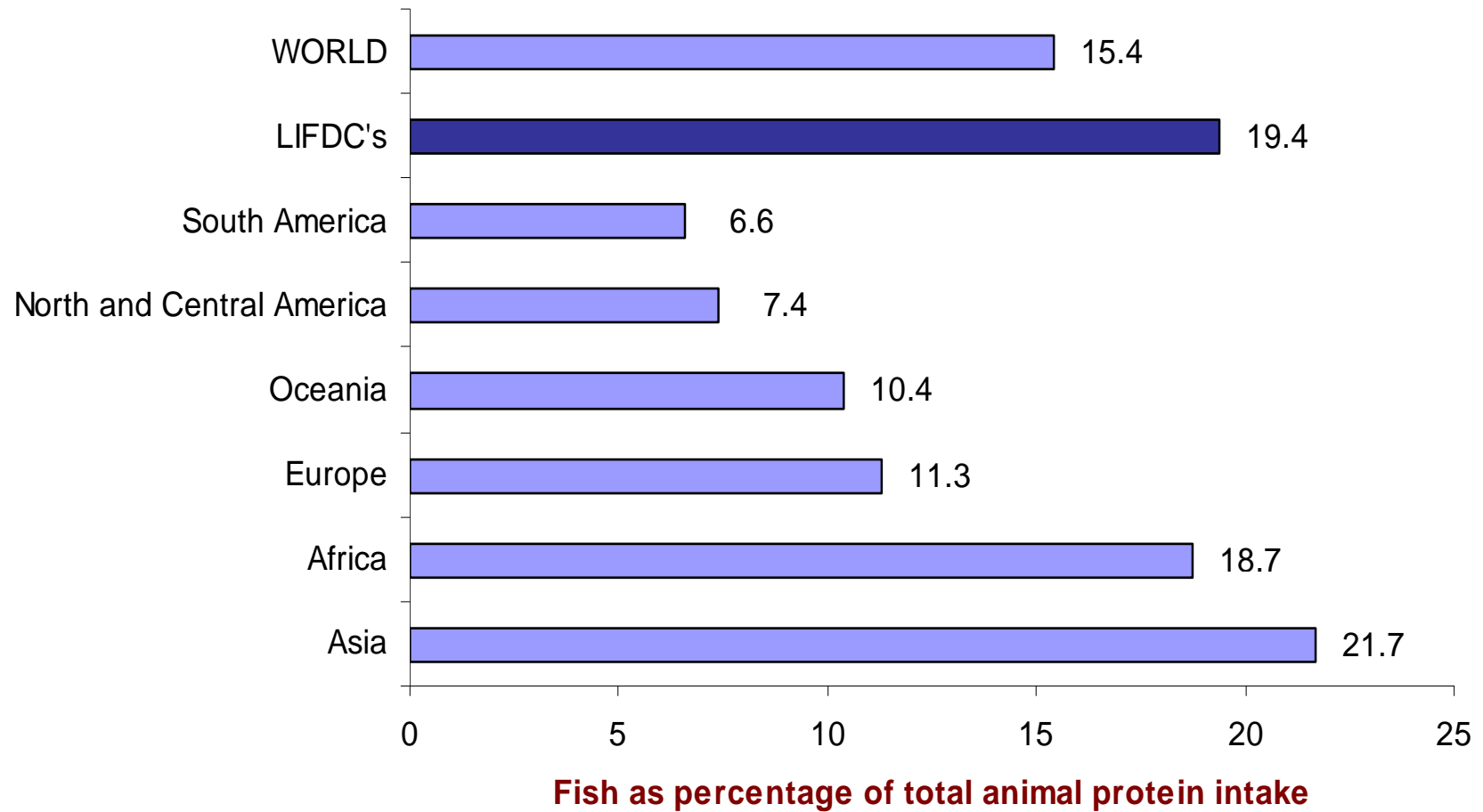
# Utilization of world fisheries production (2007)



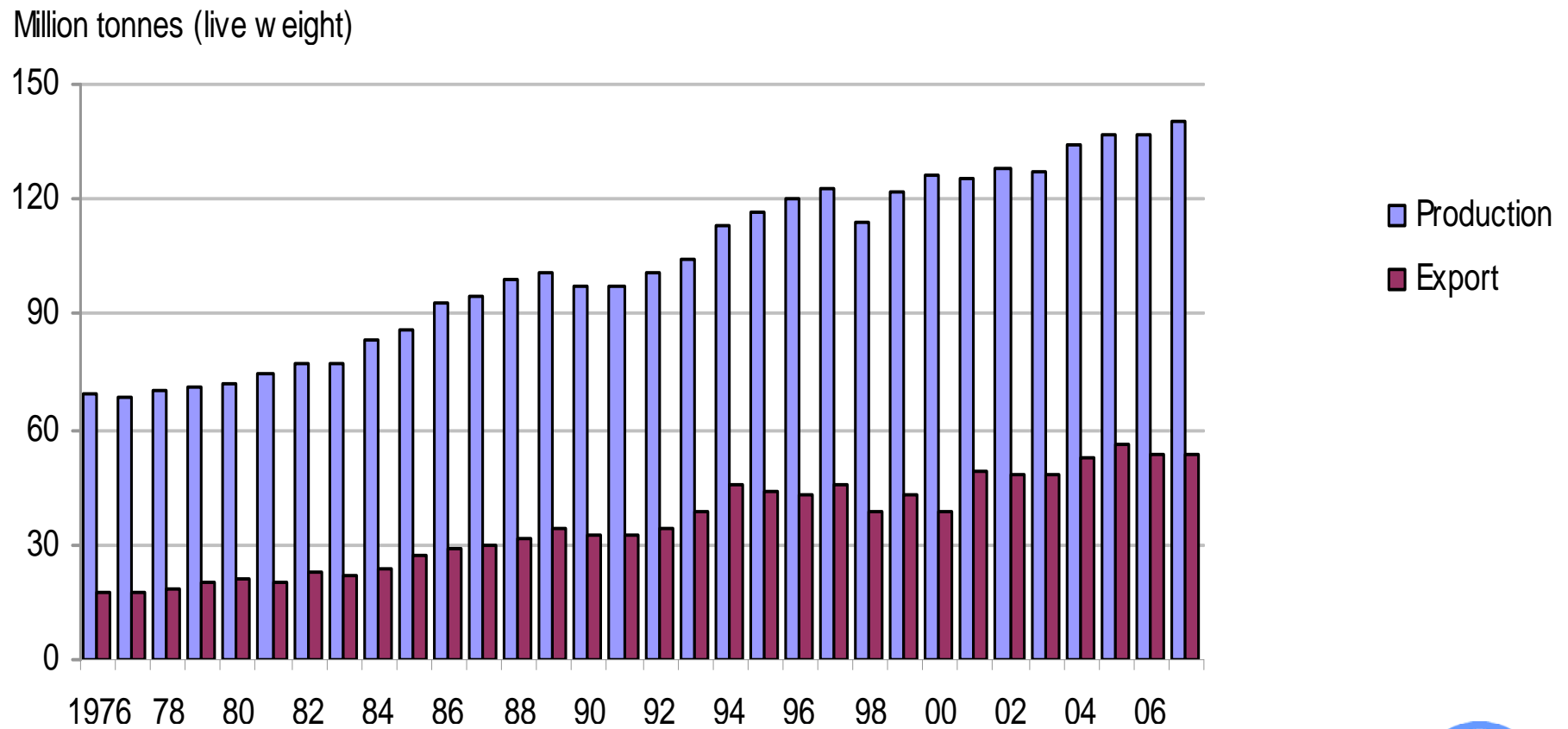
## Fishery food supply (kg/capita)



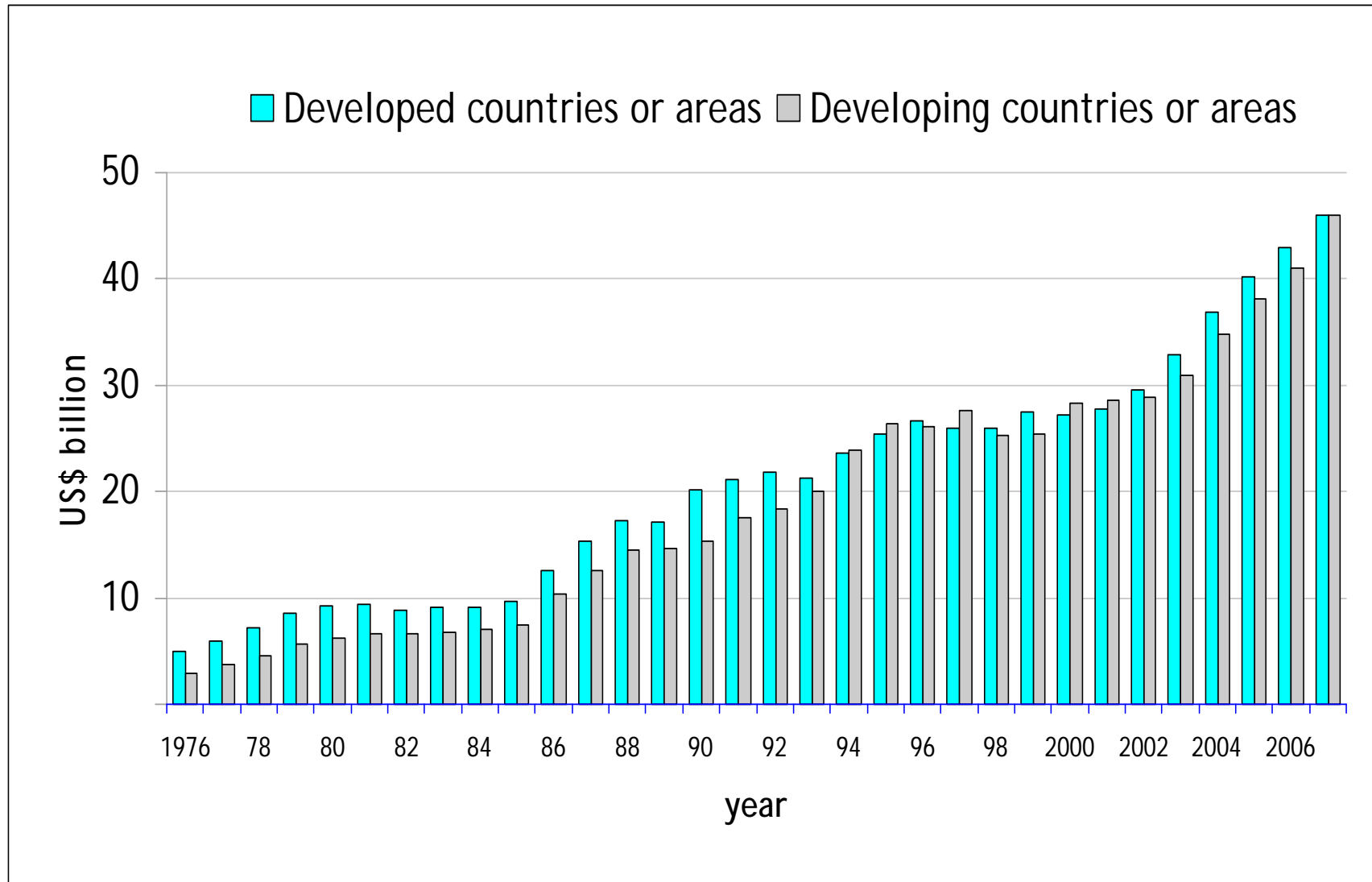
## Contribution of fish to human diet (2003)



# Share of world fishery production destined for exports

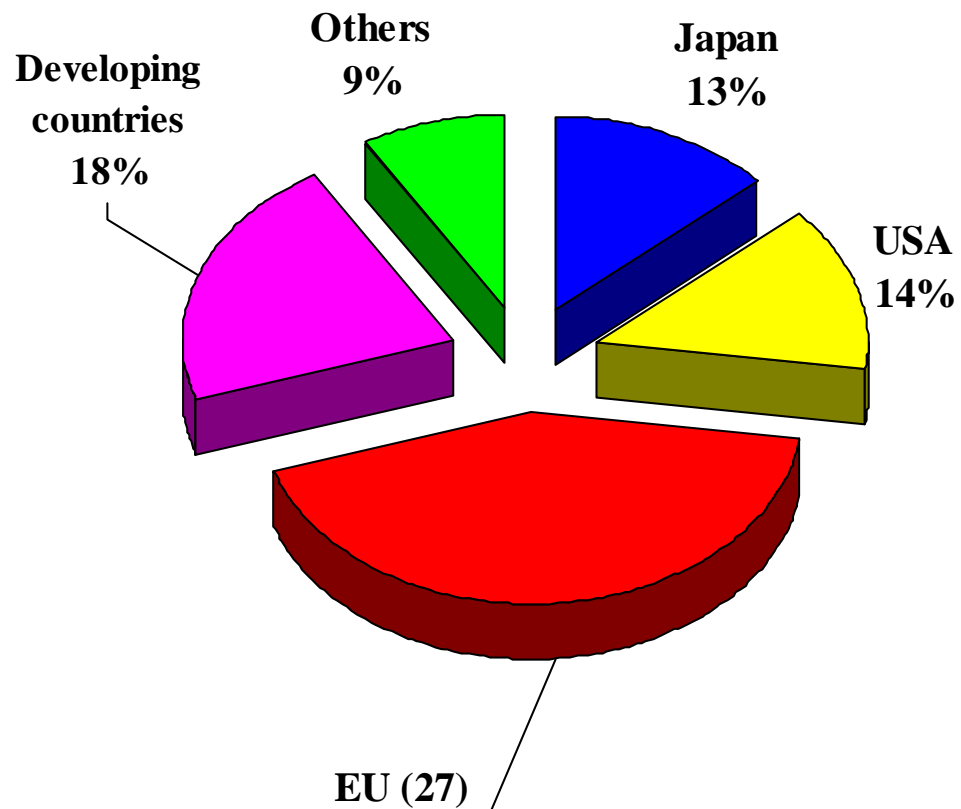


# Fish exports (1976–2007)

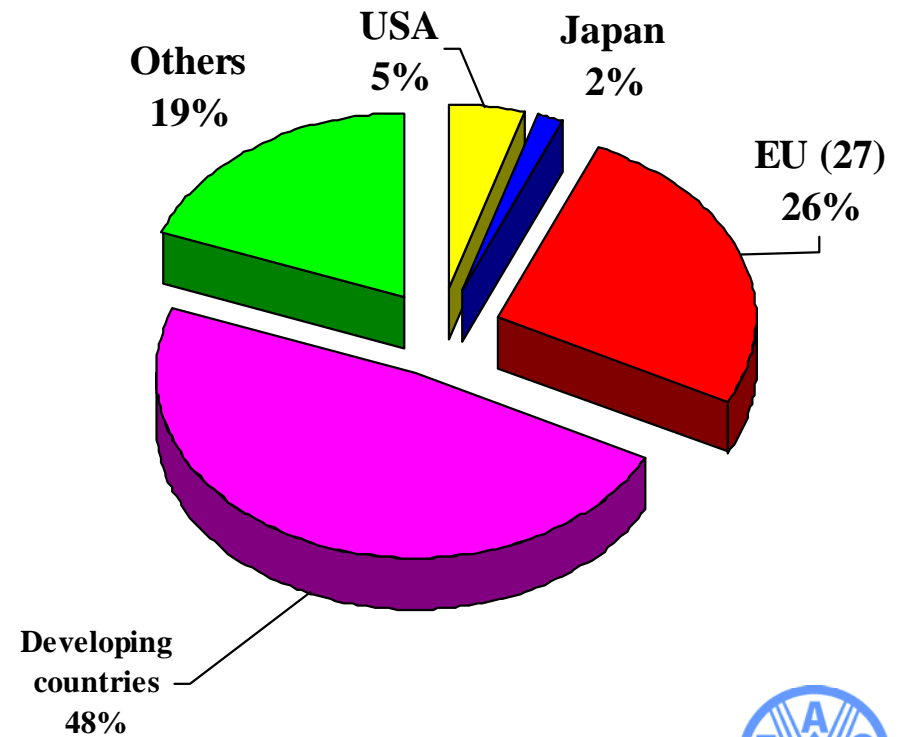


# World Fish Trade 2007 (by value)

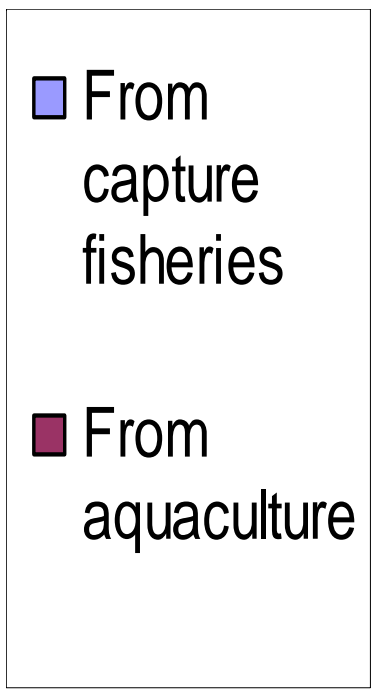
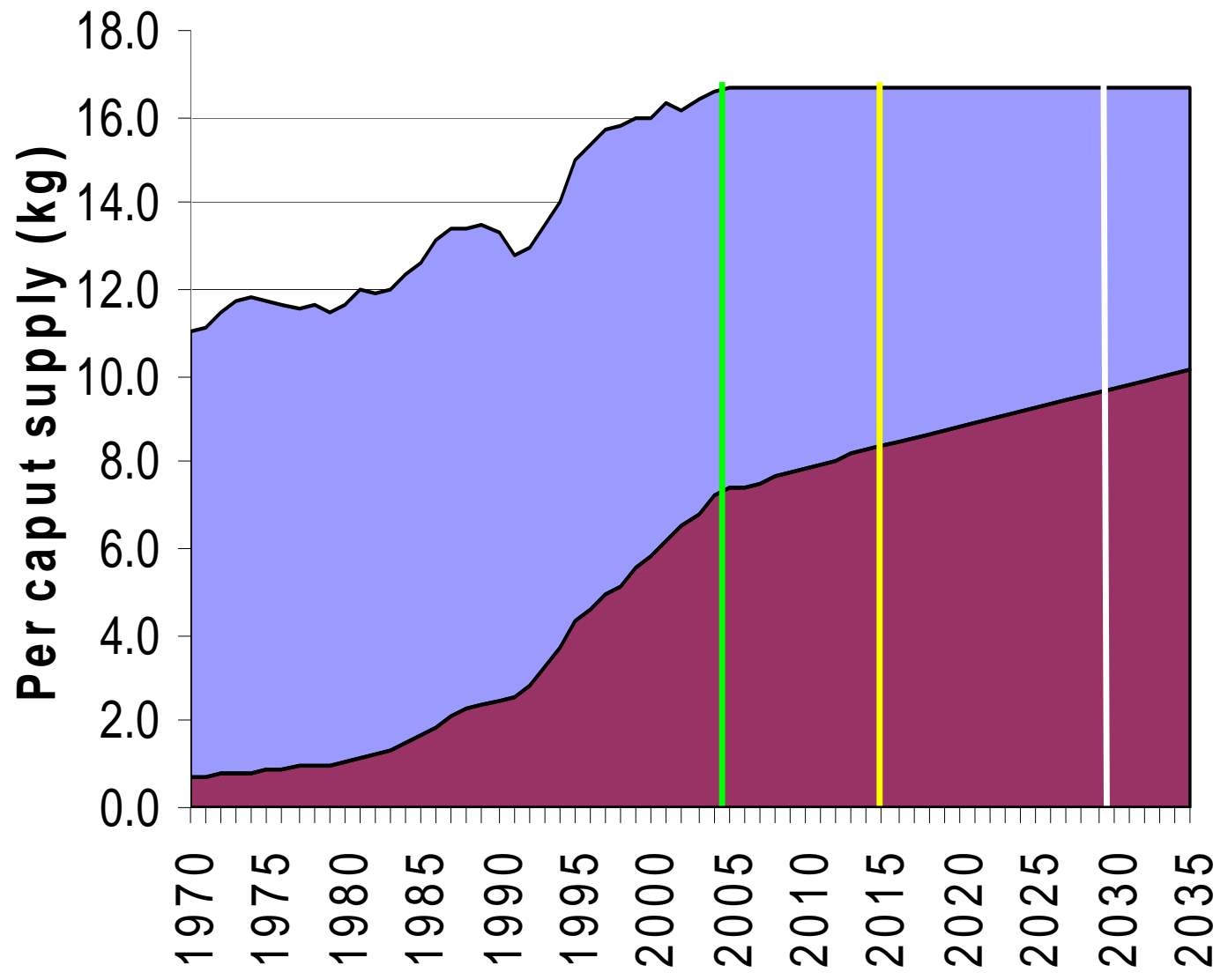
## Imports



## Exports







# Major issues for fish utilization and trade

- **Sustainability**
- **Market access requirements**
- **Food security**



# Sustainability

- **Fisheries: improved management, Eco-labeling, combating IUU**
- **Aquaculture development**
  1. **Environmental protection**
  2. **Socio-economic development**
  3. **Animal health**
  4. **Feed supply**
- **Reducing post harvest losses**



# Market access

- **Improved food safety and animal health**
  1. **Regulatory frameworks,**
  2. **Harmonization and equivalence**
- **Private standards and certification**
- **Integrated traceability**



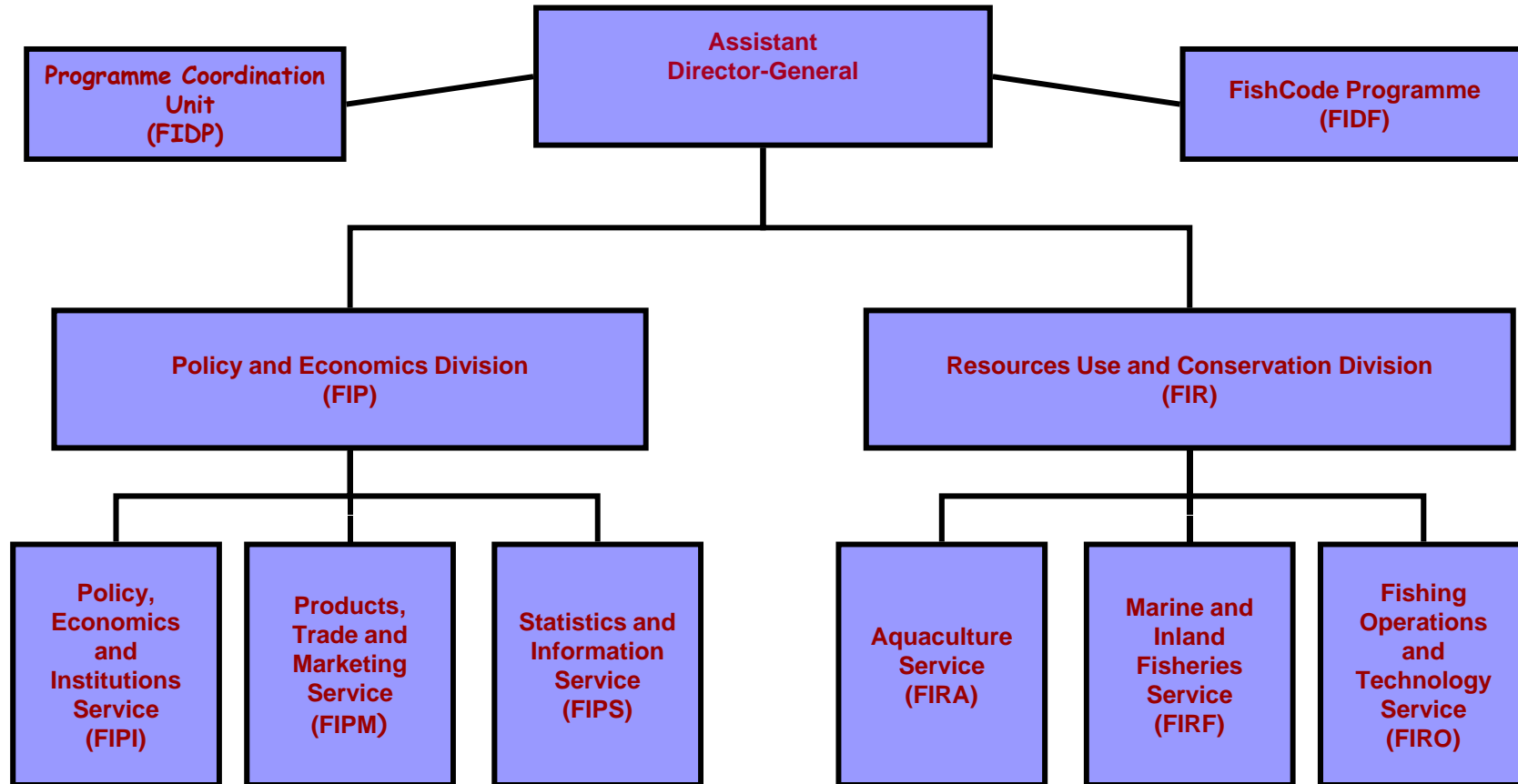


# Recent and Future Developments

- **FAO reform and restructuring**
- **Normative vs. Field Work**
- **Information, knowledge and decision making**



# Fisheries and Aquaculture Department



# Normative vs. Field work

## ■ Normative Work

1. Codex work
2. Expert Consultation (Biotoxins, Viruses, Vibrios,...)
3. Technical Consultation (guidelines for certification in aquaculture, eco-labelling, responsible fish trade)
4. Statutory bodies (COFI, COFI:FT, COFI:AQ)
5. Networking (REDPAN, FIN, IAFI, ICMSS, SHC, CIHEAM)

## ■ Field work

1. TCP, TF, UTF (impact of decentralization)
2. Post emergency: e.g. Post tsunami projects
3. Integrated projects (policy, production and utilization)
4. Improved Post harvest Practices contribute to sustainability (e.g. TCP Morocco on fleet modernizing)
5. Clusters in aquaculture
6. Government – Industry partnerships





# Country needs and Capacity building

Information



Knowledge



Decision making



# Information

- What: Studies, Technical papers, Reports, country profiles, needs assessments
- How: Publications, circulars, reports, proceedings. Website (FI, Globefish), Multimedia, databases



# Knowledge

- What: Codes, standards, Guidelines, regulations, SOPs
- How: Training, upgrading skills, workshop, conferences, expert and technical consultations



# Decision making

- **What**: National strategies, regulations, policies, operating procedures
- **How**: COFI and its Sub-Committees, institutional building including all stakeholders, regional groupings and partnerships (e.g. ASEAN, APFIC, etc.)



# Thank you

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