



MINISTRY OF FISHERIES

Brief Information on the Fisheries Sector in Mozambique

Second PAG Meeting
Cotonou, 15-18 March 2010

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GENERAL INFORMATION

- Fisheries and related activities so as aquaculture play a key socioeconomic role in Mozambique

FISHERIES POLICY- OBJECTIVES

- ✓ Food Security
- ✓ Poverty reduction
- ✓ Employment
- ✓ Foreign Currency Returns



GENERAL INFORMATION

Surface - Moçambique	800 000 km ²
Coast Line	2 515 km
Maritime waters	100 000 km ²
Inland waters	13 000 km ²
Fisheries Potential (1994)	390 000 tons
Aquaculture potential	288 000 ha
Annual catch/production (2008)	120 000 ton
Exports (2008)	11 000 ton
Exports Value (2008)	56 000 000 USD
Fish products imports (2008)	15 000 ton
Employment	140 000 (93% artesanal)
Per capita consumption	7-8 kg

GENERAL INFORMATION

❑ Of the 120 thousand tonnes (2008)

- ✓ 86% artisanal fisheries
- ✓ 13,5% industrial and semi-industrial fisheries
- ✓ 0,5% aquaculture products

❑ Main export markets

- ✓ 62% EU (wild shrimp)
- ✓ 25% Africa
- ✓ 12% Asia



GENERAL INFORMATION

□ Artisanal Fisheries – 2007

Census

- 1.200 fishing sites
- 136.000 fishermen
- 39.000 boats (3% motorized, canoes, doughtouts)
- 42.000 fishing gears

□ Commercial Fisheries

- Industrial fleet (200 boats)
- Semi-industrial fleet (330 boats)



GENERAL INFORMATION

❑ Processing Industry

- Moçambique exports raw material (frozen onboard)
- Few processing units on land (table)



	Processing units					
Local (Províncias)	Nampula	Zambézia	Sofala	I'bane	Maputo	Total
Processing(salting, drying, smoking, etc)	3	4	9	4	11	31
Ice	3	4	6	0	3	16

GENERAL INFORMATION

■ Fisheries Ports/Harbours

- Angoche
- Quelimane
- Beira (most important by volume of catch)
- Maputo

■ Naval maintenance

- 3 dry docks: Maputo, Beira e Quelimane
- 5 rampas: Maputo (2), Inhambane, Beira, Pemba



GENERAL INFORMATION

□ **Main marine resources**

CRUSTACEOUS - shrimp, lobsters, crabs

DEMERSAL FISH - garoupas, pargos, solhas, ...

PELAGIC - tuna, shark, mackerel, sardines

MOLUSCS - polvo, mussels, oysters, lulas



GENERAL INFORMATION

□ Main Inland Fisheries resources

Kapenta – commercial fisheries

Tilápia, carp, catfish, tigerfish, shrimp.





AQUACULTURA

GENERAL INFORMATION

AQUACULTURE

□ Potential

- Sea: 30,000 ha
- Freshwater: 258 000 ha

□ Opportunities

- Unpolluted land and water
- Native species
 - ✓ Shrimp (tigre e branco)
 - ✓ Fish (tilápia, carp)
 - ✓ Bivalves
 - ✓ Algae



AQUACULTURE

Algae

- 2000 small scale fish farmers
- Production: 70 tons/year
- Red algae - *Kappaphycus* sp
- *Eucheuma spinosum*
- Markets: EU, Ásia



PROPOSALS FOR INSTITUCIONAL COOPERATION

INSTITUCIONAL COOPERATION

Technical Assistance

- Training (HIV AIDS, Gender,
- Exchange Visits

Pesca Artesanal

- Naval carpentry (boats suitable to sail open sea)
 - Desenvolvimento social (Mainstreaming HIV, Gender, Environment, Participation, Ownership, etc)
 - Fish and Fishing Technology (reduce post catch losses, low cost ice)
 - Estatísticas (impact assessment, appropriate political recommendations)
-

INSTITUCIONAL COOPERATION

Aquaculture

- Freshwater fish farming
- Farming techniques

Fisheries Management

- Surveillance, patrolling,
- Resource co-management

ECONOMICAL COOPERATION

INVESTMENT OPPORTUNITIES

ECONOMICAL COOPERATION (1)

AQUACULTURE

Shrimp

- Giant tiger prawn (*Penaeus monodon*)
- Indian white (*P. indicus*, *P. Japonicus*)



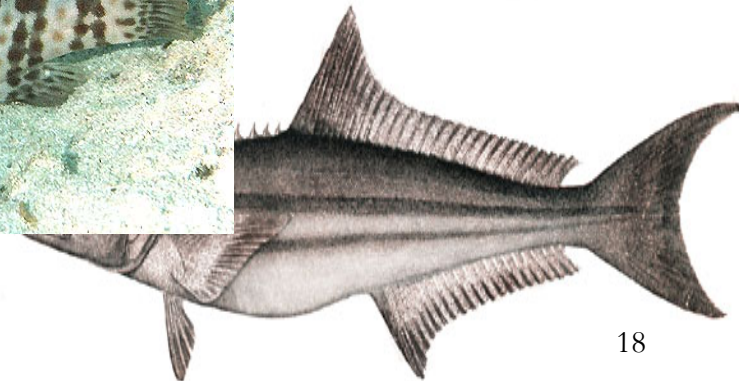
Algae

- Red seaweed (*Kappaphycus* sps)
- *Eucheuma spinosum*



Fish (Ponds/Cages)

- Rock cod
- Tilapia
- Carpa
- African cat fish



ECONOMICAL COOPERATION (2)

AQUACULTURE

Bivalves

- Mussels and oysters



Other

- Tuna feeding
- Lobsters and mangrove crabs



ECONOMICAL COOPERATION (3)

PROCESSING INDUSTRY

- Priority: add value to artisanal production
 - ✓ *Fresh products, frozen products*
 - ✓ *Dried-salted products, smoked, etc.*

Raw material (~113.000 ton/year)

- ✓ Shrimp
- ✓ Fish
- ✓ Cefalophodes
- ✓ Bivalves



ECONOMICAL COOPERATION (4)

FISHING

- Deep sea prawns - Arte: deep sea seine
 - GAMBIA ROSA (*Haliporoides triarthrus*) + by catch (crabs, lobsters, fish)

- Demersal fish - Gear: Hook line
 - ROCK COD (*Serranidae*), SNAPPER (*Lutjanidae*), EMPEROR (*Lethrinidae*), SEA BREAM (*Sparidae*)

- TUNA and other species - Arte: cerco ou palangre

ECONOMICAL COOPERATION

INDUSTRY SUPPORT SERVICES

- ❑ Naval maintenance (dry docks and ramps)
- ❑ Fishing gear manufacture
- ❑ Fish processing equipments
- ❑ Specialized consulting services

The Structure of the Ministry of Fisheries

- ❑ Fisheries Administration Directorate
- ❑ Fisheries Economy Directorate
- ❑ Support Units (HR, IC, FA). HR Coordinate HIV Activities

- ❑ Fisheries Research Institute (IIP)
- ❑ Small Scale Development Institute (IDPPE)
- ❑ Aquaculture Development Institute (INAQUA)
- ❑ Fish Inspection Institute (INIP)

- ❑ Fisheries School (EP)
- ❑ Fisheries Development Fund (FFP)
- ❑ Provincial Directorates and Delegations (representations of the Institutes)



Web Sites

The Ministry of Fisheries

- www.mozpesca.gov.mz

Fisheries Research Institute

- www.moziip.org

Small Scale Development Institute

www.idppe.org

Fish Inspection Institute

- www.inip.gov.mz



THANK YOU

