



FOOD AND AGRICULTURE ORGANIZATION
OF THE UNITED NATIONS

GENERAL FISHERIES COMMISSION
FOR THE MEDITERRANEAN



NATIONAL FISHERIES STATISTICAL SYSTEM focusing on the information needed for Task 1 PROBLEMS & CONSTRAINTS

GFCM - SAC - SCS
WORKSHOP ON DATA COLLECTION METHODS
APPLIED TO ALL SEGMENTS OF THE FLEET
AND THEIR COHERENCE WITH THE REQUIREMENTS OF GFCM TASK 1
FAO HQs, Italy, Rome 29 September – 1 October 2010

HELLENIC MINISTRY
OF RURAL DEVELOPMENT & FOOD
GENERAL DIRECTORATE FOR FISHERIES
DIRECTORATE FOR MARINE FISHERIES
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OVERVIEW OF MARINE FISHERIES IN GREECE

- **17.270** fishing vessels:
 - 96.4% **coastal** fishing vessels (i.e. 16.647 vessels)
 - 1.7% **purse seines** (i.e. 294 vessels)
 - 1.8% **bottom trawls** (i.e. 313 vessels)
 - <0.1% vessels **fishing in third-country and international waters** (i.e. 16 vessels)
- Total Fleet Capacity: **88.035 GT**
- Total Fleet Power: **507.095 KW** (Annual Fleet Report 2009)
- Fisheries sector **manpower**: 29.500 people
- Fisheries **landings**: 93.600 tones
- **Total value** of fisheries landings : 335.300 € (Annual Fleet Report 2007)
- Fisheries Activity in **Aegean Sea** (GSA 22), **Ionian Sea** (GSA 20) and **Crete** (GSA 23).

DISTINCTIVE FEATURES OF GREEK MARINE FISHERIES SECTOR

- extensive **COASTLINE**: more than 15.000 km
- countless **ISLANDS**: approximately > 1500
- numerous **SMALL VESSELS**: approximately 92% (i.e. 15.800 vessels) LOA <12m
- **MULTI-GEAR fishery**: the majority of vessels have license to fish with multiple gears
- **MULTI-SPECIES** fishery (> 70species)
- large **fleet SIZE** and **MANPOWER** occupied: both the highest in the European Union
- **Additional national measures** with spatial and temporal **restrictions** per fishing year (since 1940)

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SCOPE OF NATIONAL DATA COLLECTION PROGRAM

- collect **primary biological, technical, environmental and socioeconomic data** in a **national level** in order to:
 - be integrated into the **Community Data Collection Program (Reg. (EC) 199/2008)**
 - meet the requirements of **GFCM Data Collection Task 1 (Rec. GFCM/33/2009/3)**
 - fulfill the demands of **ICCAT (Reg. (EC) 302/2009)**
- support the idea of an **integrated** and **precautionary** approach to protect, conserve and manage fisheries stock
- meet the provisions of **Common Fisheries Policy (CFP)**

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NATIONAL FISHERIES DATA COLLECTION PROGRAM (NFDCP)

- Institutional body responsible: **Ministry of Rural Development & Food
General Directorate for Fisheries**
- Partners:
 - **Hellenic Centre for Marine Research (HCMR)**
 - **Fisheries Research Institute (FRI)**
 - **other** (i.e. Public sector companies, Universities, Technological Institutions)
- NFDCP covers the activities of the Greek **fisheries and aquaculture sector**, based on the Council Regulation (EC) 199/2008
- Module for **evaluation of the fishing sector**:
 - **Economic variables** (income, outcome, value and production per species, production cost, employment etc)
 - **Biological-Metier-Related Variables** (target species, fishing grounds, groups of activities, landings, discards)
 - **Biological-Stock-Related Variables** (age, length, weight, sex, maturity, fecundity)
 - **Transversal Variables** (capacity, effort, landings)
 - **Research surveys at sea** (MEDITS, MEDIAS)
- Module for **management and use of the data**:
 - **computerized database system** to integrate the collected primary data and support scientific analysis, stock assessments and bio-economic modeling

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PROBLEMS & CONSTRAINTS IN THE COLLECTION AND TRANSMISSION OF REQUIRED DATA

1. **Extensive coast line**: great spatio-temporal variation and scattering of the fishing activity.
2. **Countless islands**: great variation in the fishing gears used and the fishing practices followed.
3. **Small vessels (> 90% of the national fleet)**: coastal vessels implement multi-gear, multi-species fishery in different fishing areas during the year. Difficult to define vessel type, fleet segmentation, fishing gear, gear classes, main associated exploited resources, fishing period, activity area.
4. **Multi-gear fishery**: difficult to classify vessels in categories according to their main gear. Usually the main gear according to the license is not the gear mostly used.
5. **Multi-species fishery**: more than 70 species have been recorded in commercially retained catches. Difficult to define the target species.
6. **Vast number of vessels**: too much information available, much workload of data, little manpower to deal with, little means to analyze them.
7. **Fishing license valid for the whole national territory waters**: usually the base or authorized port is not the same with the landing port (e.g. in Corfu > 60% of the vessels are authorized by the port of Piraeus).
8. **Administrative and economical constrains**: complex and unwieldy administrative system, co-responsibilities between administrative services, lack of means (manpower, money)

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CONFORMITY

- In **2009 National Data Collection Program** was not conducted at all.
- Only a part of **2010 Data Collection Program** will be effectuated until the end of the year.
- At February 2010 Greece submitted incomplete report for **Task 1** (Task 1.1 and part of Task 1.3 were included) at the GFCM Secretariat.
- Greece is in full consistency with its obligations against **ICCAT**. All vessels authorized to fish tuna and tuna-like species are obliged to have logbooks.
- In general Greece was inconsistent with the observance of its obligations and thus incapable to provide complete data concerning fisheries.

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FUTURE

Greece intends to improve its conformity status by applying a set of measures:

- 1. Transfer** of the General Directorate for Marine Fisheries (which is the Greek Institutional Body responsible for the fishery and aquaculture) from the Ministry of Rural Development & Food to the emergent **Ministry of Maritime Affairs, Insular Policy & Fisheries** (Pr. Decree 170/28-9-2010) .
 - close cooperation and collaboration with the Fisheries Control Coast Guard services ,
 - improvement of the Control System.
- 2. Electronic Recording and Reporting System, ERS.**
 - e-logbooks in all vessels with LOA > 15m
- 3. Implementation of the 2010 National Data Collection Program.**
4. Participation and attendance of **Meetings, Workshops** and **Conferences** concerning Data Collection and in general Fisheries Management issues in Community or Organizations (FAO, level.
- 5. Cooperation and interaction with the Sub-Regional FAO project EASTMED** in order to improve scientific and technical knowledge for undertaking the fundamental elements of fisheries management.

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**THANK YOU
FOR YOUR ATTENTION!**