

# **European Commission**

**Fish / 2006 / 09**

## **Assessment of the status, development and diversification of fisheries-dependent communities**

### **Annex A – Case Study Methodology**

# European Commission

Fish / 2006 / 09

## Assessment of the status, development and diversification of fisheries-dependent communities

**Name of the study site** Case study report

Please insert a relevant picture from the study site here

**Date completed**



## INTRODUCTION

This reporting template is intended to simplify the process of collecting data across the 24 communities. We recognise that it appears to be asking for a lot but we expect that it will not be as difficult to use as it might first seem. In completing this report and using this template could you bear in mind the following important points:

It is important to obtain quantitative data wherever possible, but we also realise that data availability may vary and this may not be possible in all cases. When a data gap occurs, a qualitative assessment should be undertaken.

A general note on the qualitative data: In the report, qualitative descriptions will occur in three areas: 1. in place of missing quantitative data; and 2., as an introduction to each section heading; and 3. in the qualitative analysis section (Section 7), which summarizes the results of the focus groups. However, when completing the data collection template, please try to obtain as much qualitative information as possible on drivers of change, adaptation, and the future, for each sub-section in section 2-5 to complement the focus group discussions. It would be useful if you could make bullet point notes in Section 7 on key qualitative aspects explaining any data that you may come across during the data collection exercise – these bullets can then be incorporated into the write up of the focus group discussions once they have been completed.

Try to stick to template, again, we recognise that data formats may be different e.g. on fleet categorisations, the species/groups of species used to record landings. In general it is better for us to have some data than no data at all; if it isn't quite in the right format so please modify the formats if needed.

This template provides guidance on a) what information is being sought, b) why it is important, and c) potential sources of data

### **Section 1) Introduction**

#### **1.1 General description of the location**

Rationale: This will be completed by the lead partner based in part from a general overview provided by the local partner.

Provide a one paragraph description for rationale for selecting the case study area. Issues to be covered should include items such as: declining or resilient fishing community; presence of other maritime activities or not, and whether these (and other) economic activities are growing or not; main fishing types (e.g. concentration of fleet activity on particular stocks, or interesting range of many different fleet segments); whether most landings are made by locally-based fleets or whether there are significant visitor vessels; whether there are strong linkages with processing in the area or whether much fish is processed elsewhere; whether there are significant quantities being trucked into the area for processing from elsewhere; and any other especially interesting characteristics.

#### **1.2 Location**

One paragraph summarising the details of the community including: The region (either Baltic, North Sea, Atlantic, Mediterranean or Black Sea); Country, NUTS2 region, closest NUTS level of the community itself (i.e. is it NUTS 3, 4, or even smaller), the area (in square kilometres) of the community (together with the GPS coordinates in latitude and longitude of

the boundary of the area), and the name and distance (km) to nearest administrative centre related to the community. A map of the case study area should also be included.

### **1.3 Key geographical characteristics of the community**

The nature of the location, for example if it is a natural harbour, how connected it is to other areas, the climate and whether it is sheltered or not will affect the opportunities for development and for diversification. Provide one paragraph that describes the key geographical aspects of the community and the surrounding seas. This should include details of average climatic conditions in terms of temperature, rainfall and day length, whether the community is predominantly rural or urban, is mainland or an island, distance to regional capital (in km), is the community in an exposed or sheltered location, estimated distance (km) to continental drop-off, is the main fishery a freshwater/lake fishery, local seabed and coastal characteristics (sandy, rocky etc.).

Provide one paragraph that describes when the community was established and outlines the key historical events that have shaped the community to date.

## **Section 2) Demographic aspects**

### **2.1 Population and population age structure**

Discussion of the changes in the total population in the community noting any key changes, and comparison to national changes i.e. is community reflective of national trends, or de-populating or increasing faster than national averages.

**Insert graph (a) of total population over time (ideally data should be provided for a series of years as per the excel file, but if data only available comparing two years 5 or more years apart then please provide that).**

Provide details of the present age structure and the changes in age structure in the community over the past ten years. If possible provide a quantitative analysis and graph of changes over time. If quantitative data not available, then comment qualitatively on whether population is ageing or getting younger, and comparisons with national picture.

**Insert chart (b) of age structure over time. (ideally data should be provided for a series of years as per the excel file, but if data only available comparing two years 5 or more years apart then please provide that)**

### **2.2 Ethnicity and migration**

Describe the current ethnic composition within community and of community compared to the nation (if different). Provide also a qualitative assessment on in/out migration from and into the community over time (these changes may have occurred over a long time span and there may have been more recent changes due to the EU) and details of the impacts on age/sex/ethnic composition of the community (only if relevant).

## **Section 3) Economic aspects**

We want to provide an analysis of how the community has been developing and diversifying and the levels of employment and unemployment as this will underpin the sorts of development that might take place in the future.

One short para of general introduction with qualitative description of: general economic trends (i.e. is area declining/improving)

### 3.1 Importance of economic activities

Discussion of the status and trends in key economic sectors:

Quantitative trends (or periodic reference points) in turnover or value added (depending on what data is available) in Euros from up to ten key economic sectors. In this analysis please provide separate details for the catching, fish processing and aquaculture sub-sectors. If no trend data are available then please provide a current quantitative picture of the status of the key sectors, and a qualitative view as to trends.

**Insert graph (trends) or pie chart (current status) (c) depending on the level of analysis.**

Qualitative description the contribution of the fisheries sector in the community to the region, and of the trends in all the key sectors identified and of any new and emerging sectors and sectors that are identified as in decline with any reasons for the change described.

A qualitative description of the seasonality of fisheries and non-fisheries sectors and how they are affected by the seasons (e.g. capture fishing affected by storms and short day-length in winter and seasonal migrations of fish in summer that increase catches in May/June, is community heavily reliant on seasonal tourism, etc).

### 3.2 Employment and unemployment

Trends in employment (full-time and part time jobs) and unemployment (or periodic reference points if annual trend data not available). Qualitative discussion on how such trends differ from national picture.

**Insert graph (d) of employment trends**

Quantitative description of the full time employment trends by economic sector (use same categories as in Section 3.1 if possible). Please also provide qualitative description of the trends. Also comment on importance of part-time employment in some sectors compared to others, and whether the FT/PT balance is related to any seasonal patterns mean that people move between sectors

**Insert graph (e) of employment by sector**

Provide a short description of the trend in dependency on the fisheries sector in the community.

**Insert graph (f) of fisheries dependency**

### 3.3 Infrastructure

This can enable and constrain particular development and diversification opportunities. Please provide a qualitative description of the key non-fisheries infrastructure and details of the trends and key development dates (e.g. airport opened) including (but not limited to):

Are there any motorways passing through the area and if not what is the distance in km to the nearest motorway and its name

Is there an airport in the area, or if not distance to nearest airport and its location

Commercial ports in area

A quantitative and qualitative description of the business sectors dynamics, by main sectors (or NACE codes): registered/active enterprises yearly, in the last 10 years

Number of school places at age 16, presence of any colleges/universities and details of any relevant fisheries specialisms e.g. maritime faculties, fisheries training college etc.

### **3.4 Local development plans**

Provide a qualitative description of the local economic strategy for growth, and key sectors identified for investment priority. Highlight specifically if fisheries are mentioned/included in strategy and importance of fisheries sector relative to others, and any key outcomes or milestones specified in economic strategy e.g. creation of new commercial and leisure harbour facility by 2015...

## **Section 4) Fisheries and aquaculture sector**

Provide a short one paragraph summary that provides an overview of the sector: volume and value of fishery sector (capture, aquaculture, processing and ancillary).

### **4.1 Details of the local fishing fleets**

Provide a quantitative and qualitative description of the catching sector that details the changes in the key fleet segments, gears, crew size, trip length, and fishing areas etc. Please adapt the Excel table to reflect local categorisation of the fleet segments and provide a qualitative description of what this table shows.

Insert Table (g) of fleet segments.

A map of areas fished by the community should be inserted here based on Table (f)

Provide a quantitative and qualitative description of the trends in key fleet segments (length class and metier) over time and explain the factors that have been driving the observed changes – include changes such as new entrants and movement between metiers as well as initiatives to develop new types of fishing activities in response to exogenous factor (e.g. fuel price rises).

Insert graph (h1) of trends in fleet segment numbers

Insert graph (h2) of trends in fleet segment power.

Insert graph (h3) of trends in fleet segment tonnage.

Qualitative description of the trends in the crews including age, education and source, attractiveness of the catching sector and main reasons for difficulties in attracting crew.

### **4.2 Fish stock status**

Describe the main stocks on which the fleet depends. For the key inshore stocks on which the local catching sector depends please provide a description of the current catch relative to MSY, and/or stock status, and a qualitative description of the recent trends in these stocks together with details of any impacts these have had on the local fleet (e.g. switching species/gears).

Insert table (i) of stock status

### **4.3 Fisheries infrastructure**

Inventory of infrastructure divided into separate paragraphs on

a) landings facilities (such as harbours/quay wall length, gear stores)

b) upstream ancillary sector facilities (e.g. fuel, repair facilities, suppliers of gear, chandlery, ice production, slipways, etc),

c) processing and marketing sector (auction halls, processing factories, cold and chill stores, ice production) and

d) aquaculture infrastructure,

with qualitative description of any significant changes over the past five years.

#### **4.4 Details of the local catching sector**

Details of landings volume, value and price at first sale by species group in the last five yrs in the area (include qualitative comment on landings outside area by locally-based fleets, and landings in the area from external fleets)

**Insert graph (j) of trends in landings volume (feel free to break down species groups into particular species by adding rows if data area available)**

**Insert graph of trends (k) in price for key species as identified in tables g and k**

As far as possible provide quantitative data to show trends in costs and earnings by segment. Provide qualitative description of details of any changes in the profitability of the catching sector, differences between fleet segments, and main reasons.

Provide a qualitative description of key seasonal issues affecting the catching sector as a whole as well as those affecting particular fleet segments (e.g. use of different gears, catch variability, closures, days at sea). Also provide a qualitative description of any non-fishing activities conducted by catching sector that contribute to vessel incomes (e.g. support to oil and gas sector, tourism etc.) and trends in the level and value of these activities.

Also comment on perceived attractiveness of sub-sector and any difficulties in recruiting labour/crew.

Details of the main marketing chains, distribution channels. Please identify any particular market issues if any, for example, is there particular added value level locally or are there initiatives for local marketing, common marketing initiatives or regarding ecolabels or local brands/labels?

#### **4.5 Details of the local processing sector**

Details of trends in production volume, species processed (and source of fish) and value by species group over the last 5 yrs in the area.

**Insert graph (l) of production of locally-landed fish and product brought into the area for processing (feel free to change row titles and to breakdown into specific species rather than using demersal, pelagic etc categories)**

Quantitative description of the processing companies, processing capacity and employment generation in area. Qualitative description of whether capacity utilisation going up/down. Qualitative description of source of employment e.g. local, brought in/migrant -age, sex, and

education-levels. Also comment on perceived attractiveness of sub-sector and any difficulties in recruiting labour.

**Insert table (m)**

Provide a qualitative description of the importance of different markets for processed products over time describing the changes in the amount of product (in % if possible) that goes to a) local, b) national and c) international markets.

As far as possible provide quantitative data to show trends in costs and earnings.

#### **4.6 Details of the local aquaculture sector**

Details of the number of fish farms and trends in production volume, species farmed and value of production over the last 5 yrs in the area.

**Insert graph (n) of volume and value of production over time (feel free to change row titles and to breakdown into specific species rather than using finfish, shellfish, etc categories)**

As far as possible provide quantitative data to show trends in costs and earnings. Provide a qualitative description of the changes, the profitability of the sub-sector.

Provide details of the labour force where available in terms of age, sex, education and origin and an assessment of the attractiveness of the sub-sector.

#### **4.7 Details of the local ancillary sector**

Details of the number/type of companies involved in support services (e.g. ship building, chandlery, repairs, gear manufacturers etc) and if possible provide quantitative sales values, ideally providing trend data for the sub-sector over the last 5 yrs in the area, but if trend data not available estimate sales value for most recent year available.

**Insert graph (o) of the value of the sector or pie chart if only one year available**

Provide a qualitative description of the changes, the profitability of the sub-sector

Provide details of the labour force where available in terms of age, sex, education and origin and an assessment of the attractiveness of the sub-sector. Also provide details of the linkages between the sector and elsewhere (e.g. vessels from other fleets visiting repair yards etc).

### **Section 5) Governance**

#### **5.1 Key local institutions**

Provide a qualitative description the key local fishing sector organisations by sub-sector/segment, with comment on any changes in their importance/membership over time (and why). This description should cover

- Private sector groupings such as catching sector producer organisations, marketing cooperatives, processor associations, etc.
- Management groups (including FLAGs) and their composition
- Sector development groups and their composition



- Any forum where the different sectors meet
- If there is a lack of organisation provide some comment on reasons

Provide a qualitative description of key non-fishing sector organisations and their links with the fishing sector (if any) in the area of special importance in terms of the areas economy, with comment on any changes in their importance/membership over time (and why). Examples could include local government, other sector/industry representatives, chambers of commerce, development groups, and wider civil society groups.

## 5.2 Public intervention

Provide details since 2000 of the main items of public investments and the sectors to which these relate (analysis should be across all economic sectors not just fisheries, although a special emphasis on the fisheries sector is expected).

Public investment	Source of funding	Investment cost	What was the investment intended to achieve?	What were the outcomes (or expected outcomes)

## Section 6) Stakeholder analysis

In order to provide a basis for the assessment of development and diversification to be led by the lead partner, based on section 5 above, provide details of the key people that the lead partners should talk to:

- within the fisheries sector about development and diversification within the sector and;
- outside of sector in the wider community, including representatives from local government, industry representatives and wider civil society groups.

Please arrange these as a table of contacts that provides organisation and contact (address, email and telephone) details.

## Section 7) Qualitative interpretation and analysis

The development and diversification analysis described below is to be conducted by the local partner with support from the lead partner in each case study community to explore the factors behind the observed changes in the community development and diversification over ten years. The local partner during should assist with any language/translation issues, and help capture and report the discussions.

### Purpose:

The analysis is expected to explore the observed trends in development and diversification (as collected and presented by the local partners) to generate more qualitative analysis of

the factors that have enabled and constrained community development and diversification, and the role of public investment in this. This analysis will build on and make use of the quantitative and qualitative information collected by the local partners.

### **Overall method:**

The analysis is to be conducted through one of the following two methods, or a combination of both

1. two focus group discussions involving groups of about 6 people that can be arranged for subsequent days, involving the key people identified by the local partners (in section 6):
2. individual interviews by the lead partner with key stakeholders

Each case study will need to decide on the appropriateness of conducting focus groups, but unless there is a very good reason to think that focus groups would not be suitable they should be held. If focus groups are conducted, the following would be appropriate.

*Focus group 1:* discussion with fisheries stakeholders of observed changes in the fisheries sector and interactions with other sectors over ten years.

*Focus group 2:* discussion with wider community stakeholders that include some of the fisheries sector representatives that will explore changes in the wider community.

The lead partner should be assisted by the

*Materials required for focus groups:*

- Projector for powerpoint presentation
- Large piece of paper marked with a timeline from 1998-2008
- 'Post-it' style sticky notes
- Marker pens

### **Details of the method**

Within each focus group or individual interview, discussion can be organised into three parts and each focus group should be expected to last in the region of three hours:

Part 1: Introduction (10 mins):

Introductions to attendees

Short introduction of 5-10 mins to introduce the session and explain the aims of the project and why we want their participation.

Part 2: Presentation of data/information collected (20 mins)

A 20 minute presentation of the key information and trends collected by the local partners. This should be in the form of a powerpoint presentation

Part 3: Validation, completion and discussion of key information and trends collected/presented (2 hours)

This forms the main part of the discussion, there should be **four** main areas of discussion, and it may be helpful before moving on to area to quickly re-summarise the relevant information presented in Part 2 above.

All discussion should be prompted as necessary by the lead and local partners based on the suggestions below.

Details of all discussions should be noted down including differences of opinion.

Some of the points can be recorded directly on the timeline sheet if this is easier.

Under each of the **4 Areas** outlined below, the discussion should be structured around the main sections of the data collected and presented in Section 2-5 of the report i.e.:

- Demographic aspects – trends factors within the community to do with education, culture, migration etc.;
- Economic aspects – overview of local economy (not fisheries-specific)
- Fisheries and aquaculture sector aspects – trends in fleets, stock status, infrastructure, and economic and social issues related to catching, processing, ancillary and aquaculture sub-sectors
- Governance aspects – trends and factors such as representative organisations, public support, etc;

#### **Area 1: Validation and completion of information presented.**

- Do any of the participants disagree with anything presented, and if so why? The session can also be used to obtain any information that may be missing in the output of the local partner. Be careful not to start exploring drivers here, but just seek factual corrections/omissions on local partner outputs or qualitative views of trends where data may be lacking.
- Data collected during this part of the exercise can be added into the relevant section of the report (Sections 2-5).

***The following 3 Areas will each form a separate sub-section of the report in Section 7***

#### **Area 2: Key events and drivers of trends (declines, increases, or no change).**

A useful method that will allow all participants to provide input is to use post-it notes and to record key events from their perspective. Start by giving the participants 2-3 minutes to record key events that can be attached to a large piece of paper with a timeline. Participants should be asked to think in particular about the following for their potential importance in driving change:

- Particular events **within** the community that have caused/started trends or resulted in any 'step changes' (events may be environmental, economic, social, infrastructure, or political/governance-related)
- Particular events **outside** of the community that have caused/started trends or resulted in any 'step changes' (events may be environmental, economic, social, infrastructure, or political/governance-related)

- The role of any key individuals in innovation/change
- Place special attention on the role of public sector support in supporting or mitigating trends (decommissioning on fleet capacity, processing grants on new/expanded establishments)
- This part of the exercise should be written up as a summary of 1-2 pages in Section 6 under the heading '**Key events and drivers of change**'
- Please include a diagram that presents the results from the timeline.

Try to make sure that you have captured key drivers of change for all the key trends described in each of the sub-sections in Section 2-5 in the data reporting section

### **Area 3: Adaptation**

How has the community dealt with and adapted to these changes? Discussion should raise the following issues

- What are the main barriers to adaptation e.g. credit/finance, skills, land, location, a lack of alternatives, assets (a lack of, or being tied to them) etc
- Perceptions of change...are trends good or bad and why? (note that not all declines may be considered bad e.g. declines in fishing sector may be viewed as good if people moving to higher paid and less dangerous occupations)
- Responses to past change... how have people been responding to change (ie. what have they been doing instead), and what factors have been critical in enabling them to do so?
- Have particular groups been especially vulnerable or adaptable to change, and why?
- Place special attention on the role of public sector support in adaptation (e.g. have decommissioning funds been successful in enabling people to get out of the sector, has public sector support been used to add-value, etc
- This part of the exercise should be written up as a summary of 1-2 pages in Section 7 under the heading '**Adaptation**'

Try to make sure that you have captured key adaptive strategies and outcomes for all the key trends described in each of the sub-sections in Section 2-5 in the data reporting section

### **Area 4: Future development of the community**

This area is meant to explore how the participants see the future.

- Are historical trends likely to continue, and why/why not?
- Are there particular events/factors (within or from outside the community) which participants feel may have a significant impact in the future?
- Which groups are most likely to be impacted (+ and -) by these expected changes?
- How optimistic do they feel about the development of the sector and what factors do they think are mainly responsible for their view?

- Particularly, we want to know both where the community members think the community is headed as well as where they'd like to go. What views do stakeholders have about an ideal situation, or a vision for the future with regards to the fisheries sector and how it fits into the economic and social activities within the study area?
- This part of the exercise should be written up as a summary of 1-2 pages in Section 7 under the heading '**Future development of the community**'

Try to make sure that you have captured key views about the future for all the sub-sections in Section 2-5 in the data reporting section

As a side note, it should be emphasized that as a part of the discussions, it will be easy for participants to go off on interesting, yet tangential topics. It is key for the organiser to keep in mind the goal of the focus group and to attempt to keep the discussion on track. Otherwise, energy and time will run short and the needed information may not be forthcoming.

Section 7 of the report should be structured along the following lines

### **7.1 Key events and drivers of change**

One para or more on each sub-section of

- Demographic aspects
- Economic aspects (all sectors)
- Fisheries and aquaculture aspects
- Governance aspects

### **7.2 Adaptation**

One para or more on each sub-section of

- Demographic aspects
- Economic aspects (all sectors)
- Fisheries and aquaculture aspects
- Governance aspects

### **7.3 Future development of the community**

One para or more on each sub-section of

- Demographic aspects
- Economic aspects (all sectors)
- Fisheries and aquaculture aspects
- Governance aspects

## Spreadsheet templates used to produce the graphs in the local partner report template.

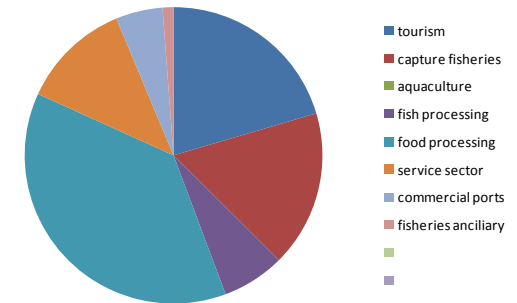
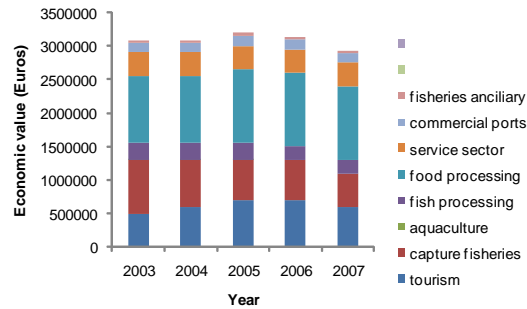
Note: these are dummy tables set up to generate graphs and tables for the report and hold actual data.



## Economics

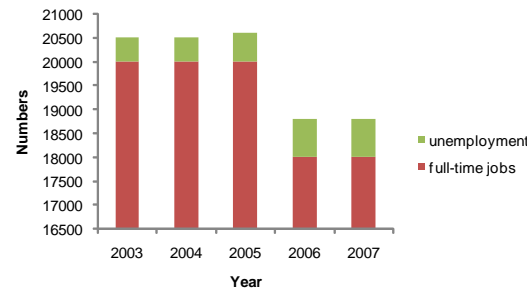
### c) Trends in key economic activities

		value in Euros				
Activity e.g.	2003	2004	2005	2006	2007	
1 tourism	500000	600000	700000	700000	600000	
2 capture fish	800000	700000	600000	600000	500000	
3 aquaculture	5000	5000	5000	0	0	
4 fish processi	250000	250000	250000	200000	200000	
5 food process	1000000	1000000	1100000	1100000	1100000	
6 service sect	350000	350000	350000	350000	350000	
7 commercial	150000	150000	150000	150000	150000	
8 fisheries anc	30000	30000	40000	40000	35000	
9						
10						



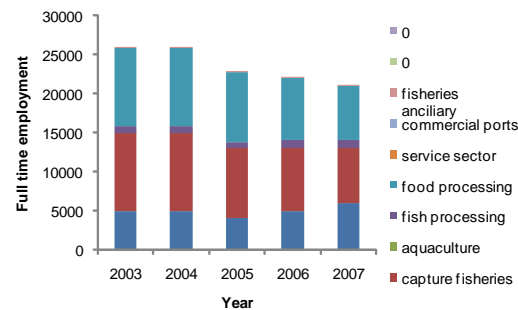
### d) Employment and unemployment

		numbers				
	2003	2004	2005	2006	2007	
full-time j	20000	20000	20000	18000	18000	
unemploy	500	500	600	800	800	

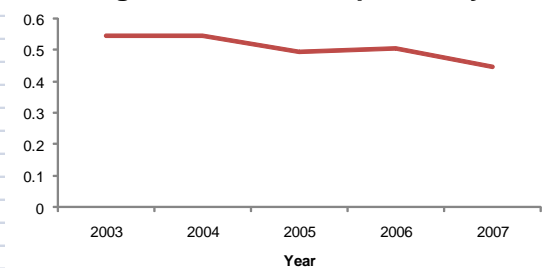


### e) employment by key economic sector

Activity	2003	2004	2005	2006	2007
1 tourism	5000	5000	4000	5000	6000
2 capture fish	10000	10000	9000	8000	7000
3 aquaculture	20	20	0	0	0
4 fish processi	800	800	800	1000	1000
5 food process	10000	10000	9000	8000	7000
6 service sector					
7 commercial ports					
8 fisheries anc	40	40	50	50	45
9	0				
10	0				



### Regional fisheries dependency

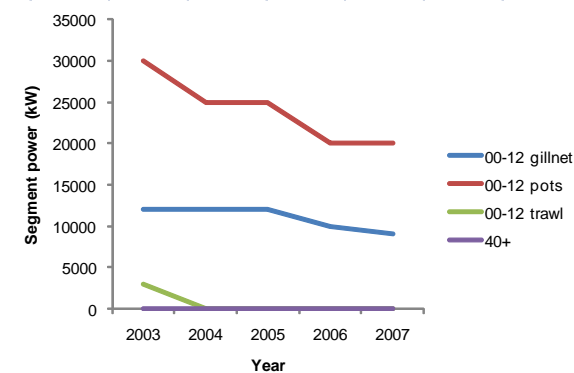
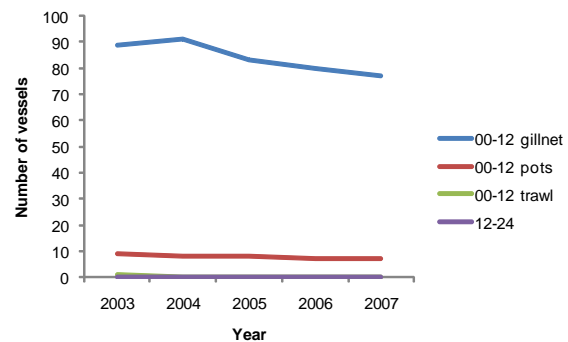


### f) fisheries dependency

	2003	2004	2005	2006	2007
Regional fisheries dep	0.543	0.543	0.4925	0.502778	0.446944

(this is a calculated as sum of employment in capture fisheries, processing, aquaculture and ancillary divided by the total full-time employment).

Fisheries sector						
g) Table of fleet segments						
Please adapt the categories as required to reflect local categorisation						
Segment (length class)	Number of vessels	main gears used	Number of crew (average)	Main species fished (list at least 3 and up to 5 for all fleet types)	Main fishing locations (ICES areas)	Trip length (average days)
00-12	20	gillnet	2	sole, plaice, monkfish	VIIa-c	1
00-12	40	pots	1	lobster, spider crab, edible crab		
00-12	8	single trawl	3	sole, plaice, megrim		
12-24						
24-40						
40+						
h) trends in fleet segments in terms of 1) numbers of vessels and 2) segment power (kW)						
1) numbers of vessels						
Segment (use same classes as table g)	Year					add data for 2008 and 2009 if available
	2003	2004	2005	2006	2007	
00-12 gillnet	89	91	83	80	77	
00-12 pots	9	8	8	7	7	
00-12 trawl	1	0	0	0	0	
12-24	0	0	0	0	0	
2) Fleet power (kW)						
Segment (use same classes as table g)	Year					add data for 2008 and 2009 if available
	2003	2004	2005	2006	2007	
00-12 gillnet	12000	12000	12000	10000	9000	
00-12 pots	30000	25000	25000	20000	20000	
00-12 trawl	3000	0	0	0	0	
40+	0	0	0	0	0	



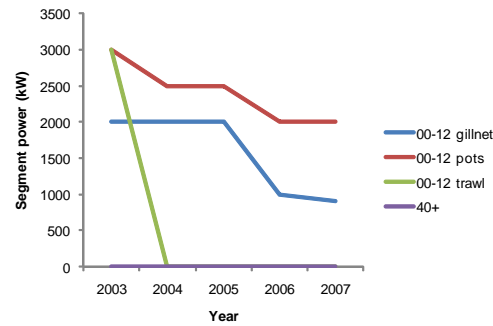


**Fisheries continued**

**3) Fleet tonnage**

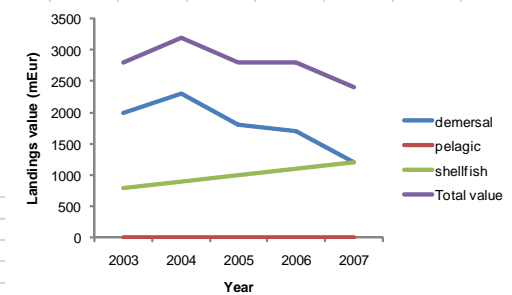
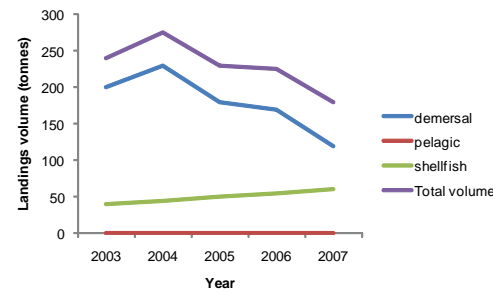
Segment (use same classes as table g)	Year	2003	2004	2005	2006	2007
00-12 gillnet		2000	2000	2000	1000	900
00-12 pots		3000	2500	2500	2000	2000
00-12 trawl		3000	0	0	0	0
40+		0	0	0	0	0

add data for 2008 and 2009 if available



**i) Stock status for key species**

Species	ICES Area	Management responsibility	Stock status relative to MSY (above, near, below, unknown)	main management regulations affecting the stock e.g. Area closures, quotas, specific recovery plans
Cod	Iva			
Cod	VII			



**j) Trends in landings volume and value**

	2003	2004	2005	2006	2007
<b>VOLUME (tonnes)</b>					
demersal	200	230	180	170	120
pelagic	0	0	0	0	0
shellfish	40	45	50	55	60
Total volume	240	275	230	225	180
<b>VALUE (mEuros)</b>					
demersal	2000	2300	1800	1700	1200
pelagic	0	0	0	0	0
shellfish	800	900	1000	1100	1200
Total value	2800	3200	2800	2800	2400

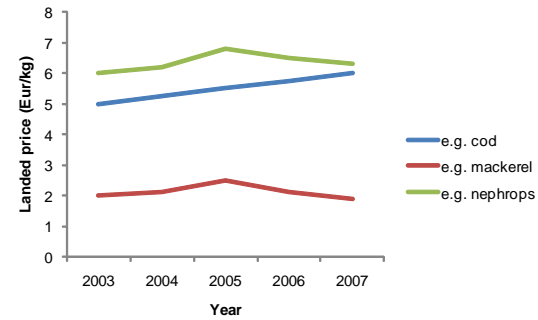
add data for 2008 and 2009 if available

**Fisheries continued**

**k) Trends in price of species**

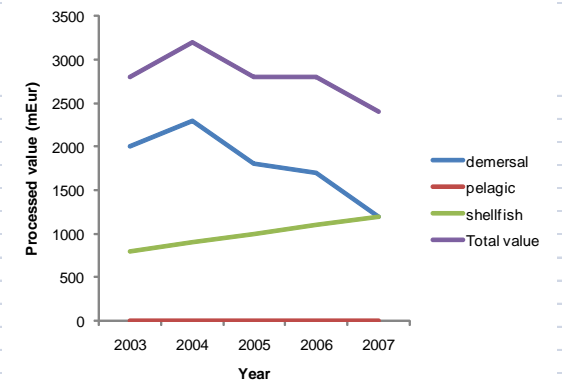
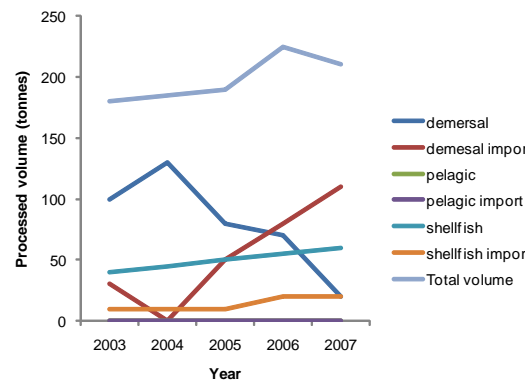
Euros/kg						
Species	2003	2004	2005	2006	2007	add data for 2008 and 2009 if available
e.g. cod	5	5.25	5.5	5.75	6	
e.g. mackerel	2	2.1	2.5	2.1	1.9	
e.g. nephrops	6	6.2	6.8	6.5	6.3	

add as appropriate and try to include key species in terms of value of landings



**l) Volumes and value of processed fish**

add data for 2008 and 2009 if available					
	2003	2004	2005	2006	2007
<b>VOLUME (tonnes)</b>					
demersal	100	130	80	70	20
demersal import	30	0	50	80	110
pelagic	0	0	0	0	0
pelagic import	0	0	0	0	0
shellfish	40	45	50	55	60
shellfish import	10	10	10	20	20
<b>Total volume</b>	<b>180</b>	<b>185</b>	<b>190</b>	<b>225</b>	<b>210</b>
<b>VALUE (mEuros)</b>					
demersal	2000	2300	1800	1700	1200
pelagic	0	0	0	0	0
shellfish	800	900	1000	1100	1200
<b>Total value</b>	<b>2800</b>	<b>3200</b>	<b>2800</b>	<b>2800</b>	<b>2400</b>



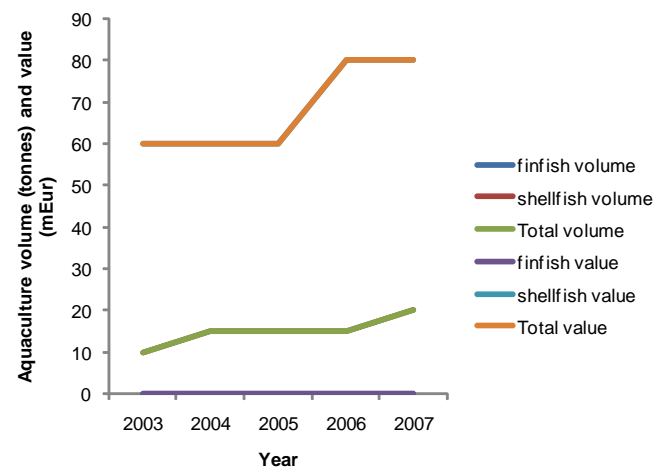
**m) processing sector companies in area**

Company Name	main species	total annual processing capacity	actual capacity most recent year	total value sales most recent year	number F/T employees most recent year	number P/T or seasonal employees most recent year
e.g. Profish	e.g. mackerel, cod	e.g. 100T pelagic, 10T demersal	e.g. 100T pelagic, 0T demersal			
e.g. Freshfish Ltd						
etc						
etc						
<b>TOTAL</b>						

## Fisheries continued

### n) Volumes and value from aquaculture

	2003	2004	2005	2006	2007	add data for 2008 and 2009 if available
VOLUME (tonnes)						
finfish volume	0	0	0	0	0	
shellfish volume	10	15	15	15	20	
Total volume	10	15	15	15	20	
finfish value	0	0	0	0	0	
shellfish value	60	60	60	80	80	
Total value	60	60	60	80	80	



### o) value of the ancillary sub-sector

value (mEur)	2003	2004	2005	2006	2007	add data for 2008 and 2009 if available
1 boatyard	18	17	12	10	9	
3 engine repair co.s	3	3	4	4	4	
1 synchrolift	1	1	1	1	1	
4 gear sales outlets	6	6	7	7	7	

