PrimeFish

This project has received funding from the European Union's Horizon 2020 research and innovation program under grant agreement No 635761

Deliverable No. 1.1

Project acronym:
PrimeFish

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[1] Document will be a draft until it was approved by the coordinator
[2] PU: Public, PP: Restricted to other programme participants (including the Commission Services), RE: Restricted to a group specified by the consortium (including the Commission Services), CO: Confidential, only for members of the consortium (including the Commission Services)
[3] The initials of the revising individual in capital letters

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Deliverable D1.1

Guidelines for data collection methods, data names and types, and granularity

18.01.2016

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Executive Summary

The overall objective of PrimeFish is to enhance the economic sustainability and competitiveness in the European fisheries and aquaculture sectors. The main goal of WP1 in PrimeFish is to select, develop, extend and harmonize the use of various methodologies involved in assessing the competitiveness of said sectors. This includes data collection- and analysis methods/procedures, as well as developing and extending said methodology to cover specific species.

All participants in PrimeFish, who over the course of the project generates or extracts data, will have to provide various information on the data sets used, in accordance with the H2020 Open Research Data Pilot. This includes the origin of the data, collection methods, names and types used as well as the granularity. This goes for both extracted data and data generated as part of PrimeFish. Based on input from the project participants, deliverable 1.1 offers a report, which will serve as guidelines in order to provide consistency between data sets. Further, it will function as an aid for future work on data collection and data processing.

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Introduction

The various work packages in PrimeFish cover several different aspects of the economic sustainability and competitiveness of the European seafood sector. This entails a substantial amount of diverse data including, but not limited to, data on price development, socio-economic factors, supply chain relations, consumer behaviour etc. The project will use both already existing data extracted from various databases or other sources, as well as data generated in connection to PrimeFish.

Having a uniform approach to not only the data collection, but also the standardisation and analysis methods is needed for several reasons. Firstly, to ensure that sufficient data is produced and gathered for each case. Secondly, to have a uniform approach to naming and interpreting the data. Thirdly, that there is a comparable level of detail and granularity in each case, and lastly, to make the data available in a uniform way to all relevant parties.

The information provided for all submitted data sets are included in the appendix of this document. The forms are grouped according to the corresponding work package (WP). Forms where the work package-number was not listed have been included under "non-specific WP". The forms are further subdivided by task-number where possible. If no task-number has been indicated, they are placed in no particular order. The header for each data set is the same as the header for each corresponding data set in D1.2, and can thus be used as a reference for further information regarding the different data sets. The order of the data sets is the same in both deliverables.

Methods

This deliverable, D1.1, is closely tied to D1.2 - "Data Management Plan". As part of D1.2, participants in PrimeFish were asked to create a Data Management Plan (DMP). A DMP-template was distributed among the project participants, along with instructions on how to fill out the form. The form contained questions regarding details on the data elements, metadata, data sharing procedures, archiving/preservation procedures and the overall structure of the data set.

The majority of the information provided made up the data management plan in D1.2, but it also formed the basis for D1.1. The data set names have been edited to better reflect the content of the data set. These follow a standardised form (Sector – Nation/Region – Data description – Time period).

Conclusion

Deliverable 1.1 "Guidelines for data collection methods, data names and types, and granularity" focuses on namely what the title suggests, and provides a report with information on the different methods used in each data set. This includes methods on data collection for both extracted and generated data, as well as the use of names, standards and types.

The amount of information for each data set varies depending on the level of detail provided by each participant. The reason for this might be partly due to the project participants being responsible for different tasks - all of whom are on different time schedules. The amount of information provided thus largely depends on how far along the process each participant is. The different types of data

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used also dictates what kind of information is relevant in each case. Qualitative and quantitative data sets different limits on the extent to which one can identify standards.

Acknowledgement

We wish to thank all the project participants who have contributed to the completion of this deliverable.

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Appendix 1 - Forms

WP2

Data set reference and name	Herring – Questionnaire on productivity development and growth potential
WP/Task/Partner	WP2 - Task 2.1 – TTZ Bremerhaven

The data to be used in the study on productivity development and growth potential in the herring sector will stem from questioning experts in the field of producing or trading herring.

A questionnaire will be used to gather the data.

Based on the nature of the data, its use is rather limited to the community related to the PrimeFish-project and industrial partners.

Data set is appropriate to underpin a scientific publication.

The questionnaire is not fully developed and the questions are not yet fixed. Therefor the content, structure, granularity etc. is not defined.

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Data set reference and name	Herring – Case study data on economic performance 2000-2012
WP/task/partner	WP2 – Task 2.1.2 Aalborg University

WP 2 – Economic performance and prices

Two data set will be used to assess the economic performance at sector level:

The vessel and segment economic data from statistics Denmark:

- Full economic key indicators as average data for the vessels in the segment

Stock levels (status) from ICES stock assessments.

- Development in the SSB of the main stock of herring and mackerel fished by the segment

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Data set reference and name	Several sectors – Price and sale information on the European seafood market, 2000-to date
WP/Task/Partner	WP2 – Kontali

The data is gathered from EUMOFA (European Market Observatory for Fisheries and Aquaculture products).

As seen in the list below, the datasets contain volumes, value and price information for different aspects of the seafood market. The data is aggregated in different periods (weekly – monthly - yearly) depending on what data elements are combined.

EUMOFA collects

- Weekly info on first sales, wholesale, import and retail prices
- Monthly info on first sales, import and exports
- Yearly info consumption & supply balance, landings, aquaculture, import & export and processing

Type of data

- Prices for selected species and places (weekly)
- Volume and values for all species and places (monthly)
- Volume and values for all species (EUROSTAT)

The data is harmonized in *97 commercial species* and *12 commodity groups*

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Data set reference and name	Groundfish/cod – Price and volume information, 2006-to date
WP/Task/Partner	WP2 - Kontali

Trade statistics from Norway shown in the data sets are in general based on information from Statistics Norway, Norwegian Seafood Council and The Norwegian Fishermen's Sales Organization. For trade statistics relating to other nations, data is extracted from similar national bodies. Information may also be extracted from private organizations, such as Global Trade Atlas, or market information suppliers.

The extracted information in the data sets is compiled in different ways by Kontali. The same goes for statistics relating to different aspects of aquaculture production.

The types of data used are volumes (catch/landing – supply/market) and price development in different markets.

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Data set reference and name	Pelagic – Price, volumes and industry structure, 2000-to date
WP/Task/Partner	WP2 - Kontali

Trade statistics from Norway shown in the data sets are in general based on information from Statistics Norway, Norwegian Seafood Council and The Norwegian Fishermen's Sales Organization. For trade statistics relating to other nations, data is extracted from similar national bodies. Information may also be extracted from private organizations, such as Global Trade Atlas, or market information suppliers.

The extracted information in the data sets is compiled in different ways by Kontali. The same goes for statistics relating to different aspects of aquaculture production.

Below is a comprehensive list of different data elements showing the level of detail used:

- quotas, catches/landings for Europe, Russia, USA, Canada, Japan, Peru and Chile
- exports (price and volume) from Norway, Denmark, Iceland, United Kingdom, Ireland
- imports /markets with main focus on Japan
- stock
- production of fish meal and oil in the main producing countries Chile, Peru and USA
- fish meal and oil exports (volumes and prices) and
- market prices
- industry structure

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Data set reference and name	Salmon – Price, volume and company business statistics, 1994-to date
WP/Task/Partner	WP2 - Kontali

Trade statistics from Norway shown in the data sets are in general based on information from Statistics Norway, Norwegian Seafood Council and The Norwegian Fishermen's Sales Organization. For trade statistics relating to other nations, data is extracted from similar national bodies. Information may also be extracted from private organizations, such as Global Trade Atlas, or market information suppliers.

The extracted information in the data sets is compiled in different ways by Kontali. The same goes for statistics relating to different aspects of aquaculture production.

Based on in-house models estimates on the future supply of all farmed salmonid species are generated.

- Data on production of salmonids world-wide, focuses on Chile, Canada, Faeroe Islands, Norway, United Kingdom, and United States.
- Salmon consumption data in important consumer markets contains info on Japanese and Far East markets, the North American market, the EU market, and more recently the markets in Russia and some of the Eastern European countries.
- Major export and import statistics is collected and long term supply trends for Atlantic and Pacific salmon, fresh, frozen and value added products is generated. Also, price trends and market value estimates are produced.
- Company information on the 15 largest salmon producing companies in the world is being collected, as well as figures related to the created value through the aquaculture in Chile and Norway
- The data consist of
    - Production and harvest volume
    - Trade statistics – volume and price
    - Company business statistics

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Data set reference and name	Salmon – Norway – Economic and financial figures, 1996-to date
WP/Task/Partner	WP2 - Kontali

Trade statistics from Norway shown in the data sets are in general based on information from Statistics Norway, Norwegian Seafood Council and The Norwegian Fishermen's Sales Organization. For trade statistics relating to other nations, data is extracted from similar national bodies. Information may also be extracted from private organizations, such as Global Trade Atlas, or market information suppliers.

The extracted information in the data sets is compiled in different ways by Kontali. The same goes for statistics relating to different aspects of aquaculture production.

The informatin provided in the datasets are recorded at individual company level. This entails 90 salmon farming companies. The data for companies is also aggragated, that is they are devided into three groups; multinational companies, regional companies (6 or more licenses) and small/midsized (1-5 licenses). The data is for a yearly period.

The data also contain information on smolt producers, slaughterhouses and exporters.

The list below shows the designation used for the different data elements.

Economic and financial figures such as

- harvest quantity
- biomass utilization
- EBIT and
- EBT
- Operating cost
- Direct costs

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Data set reference and name	Seabass, seabream – Price, volume, estimated juvenile figures and fish feed volumes, 2006-to date
WP/Task/Partner	WP2 - Kontali

The information in the data set is extracted from various sources. This includes both national and international databases, such as EuroStat and TurkStat. It also contains information from fish feed companies as well as key players within the Mediterranean region.

Accounting information will be collected as part of the PrimeFish project.

The data is aggregated for a monthly time period, monetary values are expressed in euros (either per kilo or per tonne). Information on major wholesale market level is available.

See the list below for an overview of the various data elements listed.

- Export prices and volumes
- Company specific sale volume and price information
- Harvest/production estimates
- Fish feed figures
- Economic business/performance figures

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Data set reference and name	Trout – Price, volume and company performance data
WP/Task/Partner	WP2 - Kontali

The generated data used in this study will be taken from various sources. These include data from FEAP, EUMOFA, EuroStat and TurkStat. Accounting information and expert information will also be used as a basis for the compiled data.

Scientific standards utilized will later be applied as part of the metadata.

Data set(s) with respect to portion trout will include:

- Harvest/production volumes in main producing countries within EU and Turkey
- Export and import volumes and prices
- Retail and wholesale prices and volumes in major markets
- Economic company business/performance figures

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Data set reference and name	Salmon – Canada – Economic performance and prices
WP/Task/Partner	WP2 - MemU

The data on economic performance and prices in the Atlantic salmon aquaculture sector will be extracted from various sources. Below is an overview of the different main data elements, and where the data will be extracted from.

- Production volumes and values
  - Sources: public sector statistical data such as provincial and federal fisheries departments, Statistics Canada
- Product forms, Export markets, Economic performance & market prices
  - Sources: company websites and interviews/questionnaires with key industry representatives

What standards the data set will utilize will be identified later.

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Data set reference and name	Cod – Canada – Economic performance and prices
WP/Task/Partner	WP2 - MemU

The data on economic performance and prices the Canadian Atlantic cod fisheries will be extracted from various sources, depending on the focal point. Below is an overview of the different main data elements, and where the data will be extracted from.

- Landings and Landed Value
  - Sources: public sector statistical data such as provincial and federal fisheries departments, Statistics Canada
- Production volumes and values
  - Sources: public sector statistical data such as provincial and federal fisheries departments, Statistics Canada
- Product forms, Export markets, Economic performance & market prices
  - Sources: company websites, interviews/questionnaires with key industry representatives, market reports, Industry Canada reports, consultant reports and price setting boards

What standards the data set will utilize will be identified later.

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Data set reference and name	Herring – Canada – Economic performance and prices
WP/Task/Partner	WP2 - MemU

The data on economic performance and prices the Canadian Atlantic herring fisheries will be extracted from various sources, depending on the focal point. Below is an overview of the different main data elements, and where the data will be extracted from.

- Landings and Landed Value
  - Sources: public sector statistical data such as provincial and federal fisheries departments, Statistics Canada
- Production volumes and values
  - Sources: public sector statistical data such as provincial and federal fisheries departments, Statistics Canada
- Product forms, Export markets, Economic performance & market prices
  - Sources: company websites, interviews/questionnaires with key industry representatives, market reports, Industry Canada reports, consultant reports, price setting boards

What standards the data set will utilize will be identified later.

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Data set reference and name	Snow Crab – Canada – Economic performance and prices
WP/Task/Partner	WP2 - MemU

The data on economic performance and prices the Canadian Atlantic snow crab fisheries will be extracted from various sources, depending on the focal point. Below is an overview of the different main data elements, and where the data will be extracted from.

- Landings and Landed Value
  - Sources: public sector statistical data such as provincial and federal fisheries departments, Statistics Canada
- Production volumes and values
  - Sources: public sector statistical data such as provincial and federal fisheries departments, Statistics Canada
- Product forms, Export markets, Economic performance & market prices
  - Sources: company websites, interviews/questionnaires with key industry representatives, market reports, Industry Canada reports, consultant reports, price setting boards

What standards the data set will utilize will be identified later.

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Data set reference and name	Several sectors – Faroe Islands – Production and export, 2004-2014
WP/Task/Partner	WP2 – Syntesa

The data on salmon, herring and cod for the Faroese fisheries is extracted from the online database of Statistics Faroe Islands. Data on prices/kg is estimated from the recorded export value and fish species production.

The data types used are numerical. Currency values are expressed in DKK, and catch volumes are expressed in tonnes. The exception is price/kg.

The appropriate standards to be used in the datasets will be applied.

The data sets on salmon, cod and herring will include:

- Salmon production in Faroe Islands, 2004-2014.
- Cod/herring catches in Faro Islands in tonnes, 2004-2014
- Salmon/cod/herring exports in Faroe Islands in tonnes, 2004-2014.
- Salmon/cod/herring exports in Faroe Islands in value (DKK), 2004-2014.
- Salmon/cod/herring exports in tonnes and value (DKK) per month, 2004-2014.
- Price/kg of salmon/cod/herring in Faroe Islands, 2004-2014.

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Data set reference and name	Cod – Iceland – Economic performance and prices
WP/Task/Partner	WP2 – University of Iceland

The data on economic performance and prices the Icelandic cod fisheries will be extracted from various sources, depending on the focal point. Below is an overview of the different main data elements, and where the data will be extracted from.

- Landings and Landed Value
  - Sources: public ,statistical data, Statistics Iceland and Directorate of Fisheries
- Operating costs and revenues
  - Sources: public, statistical data, Statistics Iceland
- Stock size
  - Sources: public data, Marine Research Institute

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Data set reference and name	Cod – Spain – Economic performance and prices
WP/Task/Partner	WP2 – University of Iceland

The data on economic performance and prices the Spanish cod fisheries will be extracted from various sources, depending on the focal point. Below is an overview of the different main data elements, and where the data will be extracted from.

- Landings and Landed Value
  - Sources: public, statistical data on fleet-segments and fishing zones, STECF
- Operating costs and revenues
  - Sources: public, statistical data on fleet-segments, STECF
- Stock size
  - Sources: public data, ICES

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Data set reference and name	Cod – UK – Economic performance and prices
WP/Task/Partner	WP2 – University of Iceland

The data on economic performance and prices the UK cod fisheries will be extracted from various sources, depending on the focal point. Below is an overview of the different main data elements, and where the data will be extracted from.

- Landings and Landed Value
  - Sources: public, statistical data on fleet-segments and fishing zones, STECF
- Operating costs and revenues
  - Sources: public, statistical data on fleet-segments, STECF
- Stock size
  - Sources: public data, ICES

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Data set reference and name	Herring – Iceland – Economic performance and prices
WP/Task/Partner	WP2 – University of iceland

The data on economic performance and prices the Icelandic herring fisheries will be extracted from various sources, depending on the focal point. Below is an overview of the different main data elements, and where the data will be extracted from.

- Landings and Landed Value
  - Sources: public ,statistical data, Statistics Iceland and Directorate of Fisheries
- Operating costs and revenues
  - Sources: public, statistical data, Statistics Iceland
- Stock size
  - Sources: public data, Marine Research Institute

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Data set reference and name	Cod – Norway – Fishing vessel efficiency and productivity
WP/Task/Partner	WP 2 - Nofima

The efficiency and productivity among codfish fishing vessels are analyzed. In addition to the analysis output, the required input data for the analyses are archived in this dataset. This dataset therefore contains data on vessel characteristics such as length, tonnage, engine power, days at sea and catch.

The data elements in this dataset are individual fishing vessels.

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Data set reference and name	Several sectors – Survey data for the Fish Competitiveness Index (FCI)
WP/Task/Partner	WP 2 - Nofima

The data elements used in the study are fishing vessels, industry plants and countries.

The extracted and generated information will be based on survey data from questionnaires and publicly available statistics. It consists of the following variables, with sub-variables to be later decided:

- Cooperation
- Marketing
- Competition
- Research and development
- Human resources
- Competence among firms
- Governance impacts
- Management practices
- Financial markets
- Communications
- Infrastructure
- Administration
- Macroeconomics
- Taxes
- Labor regulations

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Data set reference and name	Several sectors – Norway, Iceland – Survey data for the Fish Competitiveness Index (FCI)
WP/Task/Partner	WP 2 - Nofima

The data set contains survey data from Norwegian and Icelandic fishing and fish processing firms utilized in the FCI.

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Data set reference and name	Several sectors – Public statistics relevant for the Fish Competitiveness Index (FCI)
WP/Task/Partner	WP 2 - Nofima

For the FCI, data from several publicly available sources are employed and collected in this dataset.

The data gathered consists of catch, stock, quota and fishing mortality data from ICES; marine research expenditure data; several indices collected from World Economic Forum; tax rate, inflation, exchange rate, interest rate and national accounts information.

Some of these data are used in calculating indices that are part of the data set.

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Data set reference and name	Several sectors – Project personnel analysis of the Fish Competitiveness Index (FCI)
WP/Task/Partner	WP 2 - Nofima

In the FCI, several indices are employed that are not based on quantitative figures, but based on analysis and subjective judgements by the project personnel. E.g. the FCI takes into account official restrictions on transferability of fishing licenses. The score for such items is based on the country legislation and graded through discussions among the project participants.

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Data set reference and name	Pangasius – Vietnam – Economic performance and prices
WP/Task/Partner	WP2 - NTU

The data set will contain data on the economic performance and prices for Pangasius catfish of Vietnam.

It is gathered from pangasius production companies, interviews/questionnaires, public sector statistical data and various reports.

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WP3

Data set reference and name	Several sectors – Value chain description, 2000-2014
WP/Task/Partner	WP3 – Task 3.1 – University of Stirling

The data is collected from public sources such as official statistics on production, import and export held by governmental bodies. The dataset contains quantitative data.

This data set provides summaries of the input-output structure of 24 finfish value chains covering seven species (salmon, trout, sea bass, sea bream, cod, herring and pangasius) and 11 countries (Iceland, Norway, Denmark/Faroes, Germany, UK, Spain, Italy, Greece, Turkey, Canada and Vietnam).

Below is a detailed explanation listing the structure of the dataset, showing the level of granularity as well as the types of data and elements included.

1. Supply of material
    a. Landing/production
        i. structure – for national fleet: number of vessels, size and capacity, employment, if possible with relevance to the type of fisheries (demersal or pelagic); for aquaculture - number of plants (possibly types within the production chain: hatcheries, nurseries, and for consumption/restocking; sizes, employment
        ii. Landings (LWE and/or landed weight for domestic and foreign fleet); volume and value, price per kg; production capacity of aquaculture: eggs laid, seed (fry, fingerling) produced, fish for consumption - volume and value, price per kg
    b. Imports
        i. Eggs and seed (for aquaculture) – number and value
        ii. Raw material/products imported (by category) – volume and value
        iii. Main exporting countries – volumes and value
2. Processing
    a. Types of raw materials raw materials supplied, volumes, values and prices for different processor types (primary, secondary, mixed)
    b. Outputs – types of products, volumes and value
    c. Gross value added (GVA)
3. Consumption and Export
    a. Retail sector – retail volumes, value of sales, average retail prices, GVA
    b. Food Service sector - retail volumes, value of sales, average retail prices, GVA
    c. Export – types of products exported, volumes and values, countries of destination.
4. Governance
    - Internal: audit of lead companies directing coordination within value-chains
    - External: Principle sectoral regulatory and support institutions
    - Market-based: overview of principle standards & certification schemes by type & market share.

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Below is a list of the different value chains studied in WP3 – Task 3.1

Report No	Country	Species
1-2	Iceland	Cod, Herring
3	Faeroes	Salmon
4-6	Norway	Salmon, Cod, Herring
7-8	Denmark	Trout, Herring
9	Germany	Herring
10-13	UK	Salmon, Trout, Cod, Herring
14-16	Spain	Trout, Seabass, Seabream
17-19	Italy	Trout, Seabass, Seabream
20-21	Greece	Seabass, Seabream
22	Turkey	Trout
23	Canada	Cod
24	Vietnam	Pangasius

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Data set reference and name	Several sectors – Market institutional analysis on framework conditions
WP/Task/Partner	WP3 – Task 3.2 Aalborg University

The data used will mainly be of a qualitative character. It will be collected using both interviews and extraction of public available data, such as reports and legal documents.

Below is a detailed list showing the structure of the dataset.

General framework conditions: working paper based on public available material (reports and legal documents)

- International regulations; Qualitative descriptions of IUU regulation, CFP food safety and TTIP influence on the five selected fish value chains

Case specific national framework conditions for the value chains in the selected cases. Working paper/notes based on public available data (reports and legal documents)

- General trade tariffs on selected specific products from the "European Market Access database" (http://madb.europa.eu/madb/indexPubli.htm)
- National regulations (besides the international regulations) including taxes and national duties influencing the selected cases.
- Identification and descriptions of national support institutions

Market institutional description: Report based on personal interviews

- Qualitative description of the dominating types of global value chain governance including dominant companies and standards.
- Description of the informal institutions identified as of importance for the studied links in the value chain of the selected cases.

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Data set reference and name	Several sectors – Labeling and certification schemes
WP/Task/Partner	WP3 – Task 3.3 – University of Stirling

In-depth data will be collected for a subset of the 24 value-chains (tbc) in selected countries described in T3.1 – through secondary sources and semi-structured interview of primary (chain actors) and secondary stakeholders.

Quantitative data will cover certification schemes, fish species, products, costs, revenues.

Qualitative data will include stakeholder opinions on the current operation of certification schemes (inc. influence of value-chain coordination, power differentials and inclusiveness) and their potential.

Below is a list of the different value chains studied in WP3 – Task 3.1

Report No	**Country**	**Species**
1-2	Iceland	Cod, Herring
3	Faeroes	Salmon
4-6	Norway	Salmon, Cod, Herring
7-8	Denmark	Trout, Herring
9	Germany	Herring
10-13	UK	Salmon, Trout, Cod, Herring
14-16	Spain	Trout, Seabass, Seabream
17-19	Italy	Trout, Seabass, Seabream
20-21	Greece	Seabass, Seabream
22	Turkey	Trout
23	Canada	Cod
24	Vietnam	Pangasius

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Data set reference and name	Several sectors – Industry dynamics
WP/Task/Partner	WP3 – Task 3.4 – University of Stirling

In-depth data will be collected for a subset of the 24 value-chains (tbc) described in T3.1 – through secondary sources and semi-structured interview of primary (chain actors) and secondary stakeholders.

For selected species and countries, the data will be collected on market dynamics, wholesale and retail outlets, concentration and capitalization of the industry at various nodes; demand and rewards for quality and logistics and actors at different levels, formal and informal linkages, market failures, land and water rights.

Data will be both quantitative and qualitative in nature.

Below is a list of the different value chains studied in WP3 – Task 3.1

Report No	**Country**	**Species**
1-2	Iceland	Cod, Herring
3	Faeroes	Salmon
4-6	Norway	Salmon, Cod, Herring
7-8	Denmark	Trout, Herring
9	Germany	Herring
10-13	UK	Salmon, Trout, Cod, Herring
14-16	Spain	Trout, Seabass, Seabream
17-19	Italy	Trout, Seabass, Seabream
20-21	Greece	Seabass, Seabream
22	Turkey	Trout
23	Canada	Cod
24	Vietnam	Pangasius

This project has received funding from the European Union's Horizon 2020 research and innovation program under grant agreement No 635761

Data set reference and name	Several sectors – Value chain analysis industry interview data
WP/Task/Partner	WP3 Aalborg University

The qualitative data in the dataset is obtained from interviews with industry representative.

This project has received funding from the European Union's Horizon 2020 research and innovation program under grant agreement No 635761

Data set reference and name	Several sectors – Survey on non-market effects of fisheries and aquaculture
WP/Task/Partner	WP3 – Task 3.5 – University of Tromsø/NFH

A discrete choice experiment (DCE) will be carried out among a sample of aquaculture and traditional fisheries producers in Norway, Iceland, Denmark and Scotland. The data on producers' total willingness-to-pay (WTP) for making sufficient efforts in order to secure a sustainable and environmental friendly activity, and marginal WTP for specified efforts will contain results from a sample of aquaculture and traditional fisheries producers in the aforementioned countries.

These data has to be processed by statistical software before they yield information about willingness-to-pay for voluntary efforts to make the activity sustainable and environmental friendly.

This information will be given for traditional fisheries and aquaculture separately, and we will explore whether the WTPs differ across countries (and eventually across urban and rural parts within a country).

This project has received funding from the European Union's Horizon 2020 research and innovation program under grant agreement No 635761

Data set reference and name	Cod, Herring – Iceland – Value chain description
WP/Task/Partner	WP3 - Matis

In order to describe the Icelandic value chain for the species cod and herring, official data will be collected to map and describe the various stages in this product chain. This includes data on fishers, fishing vessels, catch, catch value, production and export.

The data is going to be extracted from Statistics Iceland (http://www.statice.is/en/statistics/business-sectors/fisheries/).

Statistics Iceland measures also profitability of fishing and fish processing industries based on tax returns and enterprise survey.

Statistics Iceland publishes:

- Monthly statistics on the quantity and value of landed catch, and its utilization.
- Detailed statistics on exports of marine products, based on customs declarations, are updated yearly.
- Figures on profitability are updated annually.

This project has received funding from the European Union's Horizon 2020 research and innovation program under grant agreement No 635761

Data set reference and name	Salmon – Canada – Supply chain description and regulations
WP/Task/Partner	WP3 - MemU

Data on supply chain relations & regulations will include data extracted from various sources.

- Supply chain data
  - Sources: company websites, industry associations, interviews/questionnaires with key industry representatives
- Regulatory requirements for licensing/harvesting, food safety, export
  - Sources: regulatory agencies (CFIA, DFO, DFA)

Data set reference: Can1_21_AQ_SAL

Data sets will be identified using the following naming system:

Identification code_FAO regional code_Type of fishery_Species common name_data type_Source_WP
Eg: Can1_21_AQ_SAL_production_DFO_WP2
Where:
Can1 = Canada species 1
21 = Northwest Atlantic (FAO region)
AQ = Aquaculture
SAL = Atlantic Salmon
Production= Production data
DFO = Department of Fisheries and Oceans Canada
WP2 = PrimeFish Work Package 2

This project has received funding from the European Union's Horizon 2020 research and innovation program under grant agreement No 635761

Data set reference and name	Cod – Canada – Supply chain relations and regulations
WP/Task/Partner	WP3 - MemU

Data on supply chain relations & regulations will be extracted from various sources.

- Supply chain data
  - Sources: company websites, industry associations, interviews/questionnaires with key industry representatives
- Regulatory requirements for licensing/harvesting, food safety, export
  - Sources: regulatory agencies (CFIA, DFO, DFA)

Data set reference: Can2_21_FI_COD

Data sets will be identified using the following naming system:

Identification code_FAO regional code_Type of fishery_Species common name_data type_Source_WP
Eg: Can1_21_AQ_SAL_production_DFO_WP2
Where:
Can1 = Canada species 1
21 = Northwest Atlantic (FAO region)
AQ = Aquaculture
SAL = Atlantic Salmon
Production= Production data
DFO = Department of Fisheries and Oceans Canada
WP2 = PrimeFish Work Package 2

This project has received funding from the European Union's Horizon 2020 research and innovation program under grant agreement No 635761

Data set reference and name	Herring – Canada – Supply chain relations and regulations
WP/Task/Partner	WP3 - MemU

Data on supply chain relations and regulations will be extracted from various sources.

- Supply chain data
  - Sources: company websites, industry associations, interviews/questionnaires with key industry representatives
- Regulatory requirements for licensing/harvesting, food safety, export
  - Sources: regulatory agencies (CFIA, DFO, DFA)

Data set reference: Can3_21_FI_HER

Data sets will be identified using the following naming system:

Identification code_FAO regional code_Type of fishery_Species common name_data type_Source_WP

Eg: Can3_21_FI_HER_consumer_consultant_WP4
Where:
Can3 = Canada species 3
21 = Northwest Atlantic (FAO region)
FI = Wild Fishery
HER = Atlantic Herring
consumer = consumer data
consultant = consultant report
WP4 = PrimeFish Work Package 4

This project has received funding from the European Union's Horizon 2020 research and innovation program under grant agreement No 635761

Data set reference and name	Snow Crab – Canada – Supply chain relations and regulations
WP/Task/Partner	WP3 - MemU

Data on supply chain relations & regulations will be extracted from various sources.

- Supply chain data
  - Sources: company websites, industry associations, interviews/questionnaires with key industry representatives
- Regulatory requirements for licensing/harvesting, food safety, export
  - Sources: regulatory agencies (CFIA, DFO, DFA)

Data set reference: Can4_21_FI_CRQ

Data sets will be identified using the following naming system:

Identification code_FAO regional code_Type of fishery_Species common name_data type_Source_WP

Eg: Can4_21_FI_CRQ_price_DFA_WP2
Where:
Can4 = Canada species 4
21 = Northwest Atlantic (FAO region)
FI = Wild Fishery
SRQ = Snow Crab
price = economic data on negotiated prices
DFA= Department of Fisheries and Aquaculture
WP2 = PrimeFish Work Package 2

This project has received funding from the European Union's Horizon 2020 research and innovation program under grant agreement No 635761

Data set reference and name	Herring, Cod – Norway – Fishers, fishing vessels, production and export of fish, 2000-2015
WP/Task/Partner	WP3 – Nofima

In order to describe the Norwegian value chain for the species herring and cod, official and semi-official data has been collected to map and describe the various stages in this product chain. The main data sources are:

- The Statistics Bank of the Norwegian Directorate of Fisheries (http://www.fiskeridir.no/Statistikk/Statistikkbank)
- The structure and profitability database, belonging to Nofima's Profitability study of the fish processing (see http://nofima.no/pub/1044635/)
- Export statistics from Seafood Norway (https://www.seafood.no/ - login required)

Similar data exists for other nations/regions seafood value chains (Iceland; www.hagstofa.is, EU; ec.europa.eu/eurostat).

This includes data on fishers, fishing vessels, catch, catch value, production and export

This project has received funding from the European Union's Horizon 2020 research and innovation program under grant agreement No 635761

Data set reference and name	Several sectors – Value chain analysis industry data
WP/Task/Partner	WP3 - Syntesa

The data set contains qualitative data obtained from interviews with industry representatives.

The data collected as part of this study is only relevant for PrimeFish project. Other interested parties can cite outcome in journal manuscript when published.

This project has received funding from the European Union's Horizon 2020 research and innovation program under grant agreement No 635761

WP4

Data set reference and name	Several sectors – Data on innovative products case studies
WP/Task/Partner	WP4 – Task 4.1 – INRA

The primary data is collected through desk research and in-depth interviews with company representatives.

15 innovative products are covered (2/3 successes and 1/3 failures).

All components of innovations are described, including production, supply chain and marketing aspects.

Data set structure: Company name; Brand or product name; Innovation category; Major claim; Short description of the product and innovation; Fish species included; Covered national markets; Success/Failure justification.

This project has received funding from the European Union's Horizon 2020 research and innovation program under grant agreement No 635761

Data set reference and name	Several sectors – Finland, France – Household purchases
WP/Task/Partner	WP4 – Task 4.3.1 – INRA

The data are based on specific and detailed seafood purchases from Kantar panel consumers (France) and the general Household Budget Survey collected by the Finnish Statistical Institute (Finland).

France: panel of 1-20,000 households from 2000 to 2013

Finland: three cross-sections of roughly 4000 households in years 1998, 2006 and 2012

Data set structure: Prices; Expenditure; Physical Quantity; and detailed socio-demographic characteristics.

This project has received funding from the European Union's Horizon 2020 research and innovation program under grant agreement No 635761

Data set reference and name	Salmon – Canada – Consumer and market trends
WP/Task/Partner	WP4 - MemU

The data on consumer and market trends contains data from various sources.

- Consumer reports, market reports,
    - Sources: company websites, interviews/questionnaires with key industry representatives, industry associations, consultant reports

Data set reference: Can1_21_AQ_SAL

Data sets will be identified using the following naming system:
Identification code_FAO regional code_Type of fishery_Species common name_data type_Source_WP

Eg: Can1_21_AQ_SAL_production_DFO_WP2
Where:
Can1 = Canada species 1
21 = Northwest Atlantic (FAO region)
AQ = Aquaculture
SAL = Atlantic Salmon
Production= Production data
DFO = Department of Fisheries and Oceans Canada
WP2 = PrimeFish Work Package 2

This project has received funding from the European Union's Horizon 2020 research and innovation program under grant agreement No 635761

Data set reference and name	Cod – Canada – Consumer and market trends
WP/Task/Partner	WP4 - MemU

The data on consumer and market trends contains data from various sources.

- Consumer reports, market reports,
    - Sources: company websites, interviews/questionnaires with key industry representatives, industry associations, consultant reports

Data set reference: Can2_21_FI_COD

Data sets will be identified using the following naming system:
Identification code_FAO regional code_Type of fishery_Species common name_data type_Source_WP

Eg: Can2_21_FI_COD_landings_DFO_WP2
Where:
Can2 = Canada species 2
21 = Northwest Atlantic (FAO region)
FI = Wild Fishery
COD = Atlantic Cod
landings = Production data
DFO = Department of Fisheries and Oceans Canada
WP2 = PrimeFish Work Package 2

This project has received funding from the European Union's Horizon 2020 research and innovation program under grant agreement No 635761

Data set reference and name	Herring – Canada – Consumer and market trends
WP/Task/Partner	WP4 - MemU

The data on consumer and market trends will contain data from various sources.

- Consumer reports, market reports,
    - Sources: company websites, interviews/questionnaires with key industry representatives, industry associations, consultant reports

Data set reference: Can3_21_FI-HER

Data sets will be identified using the following naming system:
Identification code_FAO regional code_Type of fishery_Species common name_data type_Source_WP

Eg: Can3_21_FI_HER_consumer_consultant_WP4
Where:
Can3 = Canada species 3
21 = Northwest Atlantic (FAO region)
FI = Wild Fishery
HER = Atlantic Herring
consumer = consumer data
consultant = consultant report
WP4 = PrimeFish Work Package 4

This project has received funding from the European Union's Horizon 2020 research and innovation program under grant agreement No 635761

Data set reference and name	Snow Crab – Canada – Consumer and market trends
WP/Task/Partner	WP4 - MemU

Data on consumer and market trends contains data from various sources.

- Consumer reports, market reports,
  - Sources: company websites, interviews/questionnaires with key industry representatives, industry associations, consultant reports

Data set reference: Can4_21_FI_CRQ

Data sets will be identified using the following naming system:

Identification code_FAO regional code_Type of fishery_Species common name_data type_Source_WP
Eg: Can4_21_FI_CRQ_price_DFA_WP2
Where:
Can4 = Canada species 4
21 = Northwest Atlantic (FAO region)
FI = Wild Fishery
SRQ = Snow Crab
price = economic data on negotiated prices
DFA= Department of Fisheries and Aquaculture
WP2 = PrimeFish Work Package 2

This project has received funding from the European Union's Horizon 2020 research and innovation program under grant agreement No 635761

Data set reference and name	Several sectors – Analysis of European seafood products innovations
WP/Task/Partner	WP4 – University of Savoy

The list of products innovations will be based on secondary data collected from the GNPD Mintel database in 21 European countries.

Data on European seafood products innovations will contain:

- Brand or product name; Picture of the product; Country; Date of publication; Species; Launch type; Type of claim.

This project has received funding from the European Union's Horizon 2020 research and innovation program under grant agreement No 635761

Data set reference and name	Several sectors – European consumers' in-depth interview summaries
WP/Task/Partner	WP4 – University of Savoy

The data set will be composed of qualitative data collected through 25 in-depth interviews per studied country (total of 125 cases).

It also consist of the summaries of the interviews retranscripted in English.

Data on European consumer behavior will contain:

- Initials of the consumer name; Country; Age; Gender; Consumption and purchasing behaviours; Opinions about seafood products; Perceived segmentation; Buying-decisions process; Sources of information; Consumption motives and barriers; Emotional and experiential dimensions.

This project has received funding from the European Union's Horizon 2020 research and innovation program under grant agreement No 635761

Data set reference and name	Several sectors – European consumers' survey and choice experiments
WP/Task/Partner	WP4 – University of Savoy

The data will be collected through 800 representative responses per studied country (total of 4000 questionnaires). Online panels will be used via local services providers for data collection.

The respondents of the questionnaire will have to answer some questions to see whether their opinions, attitudes, purchasing intentions are influenced by quality cues like health labels and certification claims, as well as other innovations. They also will be submitted an on-line experiment to evaluate the structure of their preferences.

The data set will contain:

- Consumption and purchasing behaviors (present, past and future); decision-making criteria and importance (taste, convenience, process, health); awareness and opinion about health labels and certification claims (potential health benefits/contaminants and their positive/negative effects); awareness on other innovations, preferences, quality perception and importance (taste, texture, odor, appearance), consumption motives; consumers socio-demographics and geographical region; frequency and type of use of information sources, trust in those sources of information, objective and subjective knowledge of fish, trust in own knowledge, lifestyle, attitudes.

This project has received funding from the European Union's Horizon 2020 research and innovation program under grant agreement No 635761

WP5

Data set reference and name	Several sectors – Company and country data relevant for the Fish Competitiveness Index (FCI)
WP/Task/Partner	WP5 – University of Iceland

The main data elements collected for the FCI are:

- harvesting companies, processing firms, aquaculture firms
- country

It will consists of:

- survey data from questionnaires and publicly available statistics on different variables, with sub-variables to be later decided
  - Cooperation
  - Marketing
  - Competition
  - Research and development
  - Human resources
  - Competence among firms
  - Governance impacts
  - Management practices
  - Financial markets
  - Communications
  - Infrastructure
  - Administration
  - Macroeconomics
  - Taxes
  - Labor regulations

This project has received funding from the European Union's Horizon 2020 research and innovation program under grant agreement No 635761

Non-specific WP

Data set reference and name	Aquaculture – Spain – Economic figures, 2008-2013
WP/Task/Partner	Non-specific WP/task Cetmar

The Fishery Statistics: Aquaculture are based on the Aquaculture The Economic Survey, which is a statistical operation included in the National Statistical Plan (PEN) for each applicable period, currently the PEN 2013-2016.

The data has been extracted from the Spanish Ministry of Agriculture, Food and Environment (http://www.magrama.gob.es/es/estadistica/temas/estadisticas-pesqueras/acuicultura/encuesta-economica-acuicultura/default.aspx)

The statistical unit of the survey referred to aquaculture facilities.

The online datasets contains the following sub-datasets:

- Comparison of main macro, national, agricultural, fisheries and aquaculture indicators
- Magnitudes of aquaculture and income. Summary by type of aquaculture
- Magnitudes of aquaculture. Value, structure and annual percentage variation
- Magnitudes of aquaculture. Value and structure, and all types
- Socio-economic indicators of the aquaculture sector
- Main macro, by type of aquaculture and type of establishment
- Main macro by facility type and species Standardized Methodological report
- Main macro by main species group and species
- Intermediate consumption by type of aquaculture and type of establishment
- Main results of management by type of aquaculture and type of establishment
- Main results of management by facility type and species
- Main results of management by main species group and species

This project has received funding from the European Union's Horizon 2020 research and innovation program under grant agreement No 635761

Data set reference and name	Several sectors – Spain – Origin, wholesale and retail trade price information, 2004-2015
WP/Task/Partner	Non-specific WP/task Cetmar

The data set contains price information at origin, wholesale and retail trade. However the collection of data is carried out by each of the sources with their own specifications and, therefore, are not homogeneous when comparisons magnitudes; although, they are of great use to evaluate trends within each channel and the retail chain as a whole. The margin, therefore, in these steps, encompass different processes, all currently necessary, during effective marketing, among which may be mentioned, without direct production review.

The data has been extracted from the Spanish Ministry of Economy and Competitiveness, Secretary of commerce (http://www.comercio.mineco.gob.es/es-ES/comercio-interior/Precios-y-Margenes-Comerciales/Informacion-de-precios-(bases-de-datos)/Paginas/Precios-Origen-Destino-.aspx).

Data set structure:

- Prices at origin in € / kg.
- Prices at Wholesale expressed in € / kg
- Prices on destination in € / kg
- Main results of management by main species group and species

This project has received funding from the European Union's Horizon 2020 research and innovation program under grant agreement No 635761

Data set reference and name	Several sectors – Spain – Wholesale price information of perishable food products, 2012-2015
WP/Task/Partner	Non-specific WP/task Cetmar

The figures are obtained in the central markets for the network and other significant Mercasa wholesale markets. He data has been extracted from the Spanish Ministry of Economy and Competitiveness, Secretary of commerce (http://www.comercio.mineco.gob.es/es-ES/comercio-interior/Precios-y-Margenes-Comerciales/Informacion-de-precios-(bases-de-datos)/Paginas/CesionMayorista.aspx)

The statistical unit are selling prices in wholesale trade to retail trade (price in € / kg, € / unit € / COICOP (Classification of Individual Consumption According to Purpose))

Data set contains: *Raw material; Units; Current week price (€/unit); Previous week price (€/kg); cumulative average price of current month (€/kg); average price of previous month (€/kg).*

Food products include: *fruits; vegetables; potatoes; fish (fresh and frozen); crustacean and molluscan (fresh and frozen).*

This project has received funding from the European Union's Horizon 2020 research and innovation program under grant agreement No 635761

Data set reference and name	Several sectors – Spain – Retail price information of food products, 2012-2015
WP/Task/Partner	Non-specific WP/task Cetmar

The data has been extracted from the Spanish Ministry of Economy and Competitiveness, Secretary of commerce (http://www.comercio.mineco.gob.es/es-ES/comercio-interior/Precios-y-Margenes-Comerciales/Informacion-de-precios-(bases-de-datos)/Paginas/PVPAlimentacion.aspx)

Data on prices levels of a set of food products, drinks and tobacco from national weighted average prices.

The data set contains:

- *Final Retail price; Raw material; Units; Max weekly price; Frequency current week price; min week price; frequency price at weekly scale; % variation previous week; max monthly average price; min monthly average price.*

This project has received funding from the European Union's Horizon 2020 research and innovation program under grant agreement No 635761

Data set reference and name	Several sectors – Spain – Weighted average prices of public food product sales, 2002-2015
WP/Task/Partner	Non-specific WP/task Cetmar

The results are the result of the processing of data collected in 32 provincial capitals through the Market Information Network. The data has been extracted from the Spanish Ministry of Economy and Competitiveness, Secretary of commerce (http://www.comercio.mineco.gob.es/es-ES/comercio-interior/Precios-y-Margenes-Comerciales/Informacion-de-precios-(bases-de-datos)/Paginas/Precios-medios-nacionales-ponderados-de-venta-al-p%C3%BAblico-de-productos-de-alimentaci%C3%B3n-2002-2011-.aspx) .

Data contains national weekly prices of raw materials

This project has received funding from the European Union's Horizon 2020 research and innovation program under grant agreement No 635761

Data set reference and name	Several sectors – Spain – Wholesale market price information in Spanish provinces
WP/Task/Partner	Non-specific WP/task Cetmar

The data on weekly price of food products at Public Markets is extracted from the Spanish Ministry of Economy and Competitiveness, Secretary of commerce (http://www.comercio.mineco.gob.es/es-ES/comercio-interior/Precios-y-Margenes-Comerciales/Informacion-de-precios-(bases-de-datos)/Paginas/BasesCotizacion.aspx)

The data set contains: *Raw material prices; Purchase frequency.*

This project has received funding from the European Union's Horizon 2020 research and innovation program under grant agreement No 635761

Data set reference and name	Several sectors – Spain – Retail price information on food products in Spanish provinces
WP/Task/Partner	Non-specific WP/task Cetmar

The data on weekly price of food products at NUT 3 level is extracted from the Spanish Ministry of Economy and Competitiveness, Secretary of commerce (http://www.comercio.mineco.gob.es/es-ES/comercio-interior/Precios-y-Margenes-Comerciales/Informacion-de-precios-(bases-de-datos)/Paginas/BasesPVPAlimentacion.aspx)

Contains: *Product type; Week; Max price; Min price; Frequency; Province.*

This project has received funding from the European Union's Horizon 2020 research and innovation program under grant agreement No 635761

Data set reference and name	Aquaculture – Spain – Production-, establishment-, employment figures, 2002-2013
WP/Task/Partner	Non-specific WP/task Cetmar

The source of the results presented is the survey of aquaculture establishments, statistical operation is included in the National Statistical Plan for the period 2013-2016 (PEN 2013-2016). It has been extracted from the Spanish Ministry of Agriculture, Food and Environment (http://www.magrama.gob.es/es/estadistica/temas/estadisticas-pesqueras/acuicultura/encuesta-establecimientos-acuicultura/)

The results are available by predefined tables: establishments, production, employment and food supplied.

- Number of establishments with cultivation and production, for water source and type of establishment
- Production. The total value, and value and quantity of the fattening to commercial size by type of aquaculture origin of water and species group
- Production. Value and quantity by culturing phase, type of aquaculture origin of water and species group
- Production. Value and quantity by culturing phase, water source, group and species
- Value and quantity of fish, growth phase, species and production CA

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- Value and quantity of crustaceans, mollusks and plants, growth phase, species and production CA
- Production. Value and quantity by cultivation and use phase
- Production. Value and quantity by culturing phase, use and species group
- Production. Value and amount used for human consumption, per phase and species
- Production. Value and quantity per phase, use (not for human consumption) and species
- Production. Value and quantity per phase, group and geographic origin of species
- Production. Value and quantity per phase, geographic region and destination
- Production. Value and quantity by culturing phase, use and geographical destination
- Production. Value and growth phase amount and type of marketing
- Production. Value and quantity by culturing phase, group of species and type of marketing
- Production. Value and quantity in marine aquaculture, by type of aquaculture growth phase, FAO area and species group
- Production. Value and quantity in continental aquaculture by growing phase and watershed
- Production. Value and number of species with inputs from the environment
- Employment aquaculture. . Full time equivalent (FTE) and persons by type of employment
- Employment aquaculture. Full time equivalent (FTE) and persons by gender and type of employment
- Employment. Full time equivalent (FTE) and persons by gender, time and type of employment
- Employment aquaculture. Full time equivalent (FTE) and persons by type of employment and type of aquaculture

This project has received funding from the European Union's Horizon 2020 research and innovation program under grant agreement No 635761

- Employment aquaculture. Full time equivalent (FTE) and individuals, by gender, type of aquaculture and type of establishment
- Employment aquaculture. Full time equivalent (FTE) and people, by employment group, type of aquaculture and type of establishment
- Employment Aquaculture. Full time equivalent (FTE) and people, by employment group and Autonomous Community
- Food supplied by species group and type of food

This project has received funding from the European Union's Horizon 2020 research and innovation program under grant agreement No 635761

Data set reference and name	Several sectors – EU Fishing Fleet Register.
WP/Task/Partner	Non-specific WP/task Cetmar

The data on the EU Fishing Fleet has been extracted from a public database hosted by the European Commission – Fisheries and Maritime Affairs (http://ec.europa.eu/fisheries/fleet/index.cfm?lg=en).

It includes information on individual ships. More specifically, it contains:

- Country
- Search by current fleet, full history, Active at a date, last at event only
- Indicators: license, VMS, IRCS, CFR, name, phonetic search
- Identifiers: Ext Marking, Registration Nr, IRCS
- Categories: Age, power, length, tonnage
- Characteristics: Segment, Port, Nuts, Fishing type, main gear, second gear

This project has received funding from the European Union's Horizon 2020 research and innovation program under grant agreement No 635761

Data set reference and name	Several sectors – Spain – Key economic figures for the fishing fleet, 2004-2013.
WP/Task/Partner	Non-specific WP/task Cetmar

The Marine Fisheries Economic Survey is a statistical operation included in the National Statistical Plan (PEN) for each applicable period, currently the PEN 2013-2016.

The data has been extracted from the Spanish Ministry of Agriculture, Food and Environment (http://www.magrama.gob.es/es/estadistica/temas/estadisticas-pesqueras/pesca-maritima/encuesta-economica-pesca-maritima)

The statistical unit referenced by the survey is the Spanish fishing vessel.

The main variables measured are set out in the macroeconomic figures and income statements of corporate governance. Other variables are employment data and activity of fishing fleets.

The data sets hosted online contain:

- Comparison of main macro, national, agricultural, fishing and sea fishing
- Macro magnitudes and income by area
- Magnitudes of sea fishing. Value, structure and annual percentage change
- Magnitudes of sea fishing. Value and structure, and the total areas
- Scheme of macro-magnitudes sea fishing (ESA-95)
- Employment in maritime fishing location and strata
- Employment in marine fisheries by gender and strata
- Income by employment at full time equivalent (FTE).
- Socioeconomic indicators of sea fishing

This project has received funding from the European Union's Horizon 2020 research and innovation program under grant agreement No 635761

Data set reference and name	Several sectors – Spain – Statistics for the fishing fleet, 2006-2014
WP/Task/Partner	Non-specific WP/task Cetmar

The source of the results presented is the Fishing Fleet Statistics, held on Census Fishing Fleet Operations, statistical operation is included in the National Statistical Plan (PEN) for each applicable period, currently PEN 2009- 2012.

The data has been extracted from the Spanish Ministry of Agriculture, Food and Environment (http://www.magrama.gob.es/es/estadistica/temas/estadisticas-pesqueras/pesca-maritima/estadistica-flota-pesquera).

Interval length is grouped as 0-10, 10-12, 12-15, 15-18, 18-24, 24-40, >40.

The online datasets contains:

- Number of fishing vessels and average length, type of fishing and fishery
- Number of fishing vessels and total tonnage, by type of fishing and fishery
- Number of fishing vessels and total capacity, by type of fishing and fishery
- Technical characteristics of the autonomous community fleet homeport
- Analysis of the Spanish fleet and European
- Number of fishing vessels by age and autonomous community
- Number of fishing vessels on the age and type of fishing
- Number of fishing vessels and fishery seniority
- Number of fishing vessels on the interval length and Autonomous Community
- Number of fishing vessels on the interval length and type of fishing
- Number of fishing vessels on the interval length and fishery
- Number of fishing vessels by type of fishing and fishery
- Number of fishing vessels and fishery year percent change
- Number of fishing vessels by type of fishing and annual percentage change
- Tonnage (GT) and annual percentage change, by type of fishing and fishery
- Tonnage (GT) and annual percentage change for fishery
- Tonnage (GT) and annual percentage change by type of fishing
- Number of fishing vessels and tonnage (GT) by regions
- Number of fishing vessels and annual percentage variation by age range

This project has received funding from the European Union's Horizon 2020 research and innovation program under grant agreement No 635761

Data set reference and name	Several sectors – Spain – Capture data for fishing vessels, 2004-2013
WP/Task/Partner	Non-specific WP/task Cetmar

Sea fishing catches are mainly those made by Spanish fishing vessels in any fishery where fishing, whether in national waters, other EU countries, third countries or international.

Data is gathered from the statistic catches and landings of Sea Fisheries included in the PEN 2013-2016. Is has been extracted from the Spanish Ministry of Agriculture, Food and Environment (http://www.magrama.gob.es/es/estadistica/temas/estadisticas-pesqueras/pesca-maritima/estadistica-capturas-desembarcos).

Through the web, you can access a database with the main variables:

- Base catch from 1992 to present (live weight).
- Base catch from 2004 to the present (live weight).
-

Similarly, fixed predefined tables referred to in the previous section Publications, they are also disseminated in Excel format to allow the use of data by the user. The tables are as follows:

- Live weight and value, conservation, destination and principal group of species.
- Live weight and value of "fresh" by destination and ISSCAAP group.
- Live weight and value of "FROZEN AND OTHER" by destination and ISSCAAP group.
- Live weight and value, capture zone.
- Live weight, by catch area and ISSCAAP group.
- Value, by capture zone and ISSCAAP group.

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Appendix 2 - Templates

Data management plan - Form

Data set reference and name	
Data set description	
Standards and metadata	
Dara sharing	
Archiving and preservation	
Data set content and structure	

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Data Management Plan – Explanation

Data set reference and name	Identifier for the data set to be produced
Data set description	Description of the data that will be generated or collected, its origin (in case it is collected), nature and scale and to whom it could be useful, and whether it underpins a scientific publication. Information on the existence (or not) of similar data and the possibilities for integration and reuse.
Standards and metadata	Metadata should be created to describe the data and aid discovery. Consider how you will capture this information and where it will be recorded e.g. in a database with links to each item, in a 'readme' text file, in file headers etc. Researchers are strongly encouraged to use community standards to describe and structure data, where these are in place.
Data sharing	Description of how data will be shared, including access procedures, embargo periods (if any), outlines of technical mechanisms for dissemination and necessary software and other tools for enabling re-use, and definition of whether access will be widely open or restricted to specific groups. Identification of the repository where data will be stored, if already existing and identified, indicating in particular the type of repository (institutional, standard repository for the discipline, etc.). In case the dataset cannot be shared, the reasons for this should be mentioned (e.g. ethical, rules of personal data, intellectual property, commercial, privacy-related, security-related). - How will you make the data available to others? - With whom will you share the data, and under what conditions? - Are any restrictions on data sharing required? e.g. limits on who can use the data, when and for what purpose. - What restrictions are needed and why? - What action will you take to overcome or minimise restrictions? - Where (i.e. in which repository) will the data be deposited?
Archiving and preservation	Description of the procedures that will be put in place for long-term preservation of the data. Indication of how long the data should be preserved, what is its approximated end volume, what the associated costs are and how these are planned to be covered. - What is the long-term preservation plan for the dataset? e.g. deposit in a data repository - Will additional resources be needed to prepare data for deposit or meet charges from data repositories? - What additional resources are needed to deliver your plan? - Is additional specialist expertise (or training for existing staff) required? - Do you have sufficient storage and equipment or do you need to cost in more? - Will charges be applied by data repositories? - Have you costed in time and effort to prepare the data for sharing / preservation? - How will the data be organised during the project, mentioning for example naming conventions for files and data elements, version control and folder structures. Consistent, well-ordered research data is easier for the research team to find, understand and reuse.
Data set content and structure	- List of field names, with description if necessary - For each field name, what type is it, what's the possible range of values, what's the degree of aggregation (if any), what is the meaning or reference related to the values, use of pre-exiting code sets (for instance FAO codes for fish species or gear types, or map references) - Use of standards in relation to this data set (for naming or content); need for harmonization with other data sets (for instance use of different species codes or map references) - For extracted data, what was the data collection method? (looking up existing reports, tables or spreadsheets, electronic queries, lookup in existing databases) - For generated data, how was the data generated (own surveys or interviews, use of simulation or forecasting models)