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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

Deliverable D1.2

Data Management Plan

09.12.15

Executive Summary

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 the European fisheries- and aquaculture sectors, including data collection- and analysis methods/procedures, as well as developing and extending said methodology to cover specific species. Feedback will also be collected from the respective method users in order to evaluate the aptitude of the respective methods. Lastly, as part of the Horizon 2020 Open Research Data Pilot, a "data management plan" (DMP) will be created. This latter objective is the main goal in Task 1.2/Deliverable 1.2.

All participants involved in PrimeFish who, over the course of the project, generates data will have to create a DMP. This DMP will outline what sort of data the project is expected to generate, how it will be preserved and whether and how it will be made accessible. This includes already existing data extracted from different sources, as well as new data developed.

Contents

Introduction.....	7
Methods	7
Conclusion	7
Acknowledgement.....	8
References.....	8
Appendix.....	9
WP2	9
Herring – Questionnaire on productivity development and growth potential.....	9
Herring – Case study data on economic performance, 2008-2013	10
Herring – Denmark – Production and export data, 2006-2014.....	11
Several sectors – Price and sale information on the European seafood market, 2000-to date ...	12
Groundfish/cod – Price and volume information, 2006-to date.....	13
Pelagic – Price, volumes and industry structure, 2000-to date	14
Salmon – Price, volume and company business statistics, 1994-to date.....	15
Salmon – Norway – Economic and financial figures, 1996-to date.....	16
Seabass, seabream – Price, volume, estimated juvenile figures and fish feed volumes, 2006-to date.....	17
Trout – Price, volume and company performance data	18
Salmon – Canada – Economic performance and prices	19
Cod – Canada – Economic performance and prices.....	20
Herring – Canada – Economic performance and prices	21
Snow Crab – Canada – Economic performance and prices.....	22
Several sectors – Faroe Islands – Production and export, 2004-2014	23
Cod – Iceland – Economic performance and prices	24
Cod – Spain – Economic performance and prices	25

Cod – UK – Economic performance and prices	26
Herring – Iceland – Economic performance and prices	27
Cod – Norway – Fishing vessel efficiency and productivity.....	28
Several sectors – Survey data for the Fish Competitiveness Index (FCI).....	29
Several sectors – Norway, Iceland – Survey data for the Fish Competitiveness Index (FCI)	30
Several sectors – Public statistics relevant for the Fish Competitiveness Index (FCI).....	31
Several sectors – Project personnel analysis of the Fish Competitiveness Index (FCI)	32
Pangasius – Vietnam – Economic performance and prices	33
WP3	34
Several sectors – Value chain description, 2000-2014.....	34
Several sectors – Market institutional analysis on framework conditions	35
Several sectors – Labeling and certification schemes.....	36
Several sectors – Industry dynamics	37
Several sectors – Value chain analysis industry interview data	38
Several sectors – Survey on non-market effects of fisheries and aquaculture.....	39
Cod, Herring – Iceland – Value chain description	40
Salmon – Canada – Supply chain description and regulations.....	41
Cod – Canada – Supply chain relations and regulations	42
Herring – Canada – Supply chain relations and regulations.....	43
Snow Crab – Canada – Supply chain relations and regulations	44
Herring, Cod – Norway – Fishers, fishing vessels, production and export of fish, 2000-2015.....	45
Several sectors – Value chain analysis industry data	46
WP4	47
Several sectors – Data on innovative products case studies	47
Several sectors – Finland, France – Household purchases.....	48
Salmon – Canada – Consumer and market trends.....	49
Cod – Canada – Consumer and market trends.....	50
Herring – Canada – Consumer and market trends.....	51
Snow Crab – Canada – Consumer and market trends.....	52
Several sectors – Analysis of European seafood products innovations	53
Several sectors – European consumers' in-depth interview summaries	54
Several sectors – European consumers' survey and choice experiments.....	55
WP5	56

Several sectors – Company and country data relevant for the Fish Competitiveness Index (FCI)	56
Non-specific WP	57
Aquaculture – Spain – Economic figures, 2008-2013.....	57
Several sectors – Spain – Origin, wholesale and retail trade price information, 2004-2015.....	58
Several sectors – Spain – Wholesale price information of perishable food products, 2012-2015	59
Several sectors – Spain – Retail price information of food products, 2012-2015.....	60
Several sectors – Spain – Weighted average prices of public food product sales, 2002-2015.....	61
Several sectors – Spain – Wholesale market price information in Spanish provinces.....	62
Several sectors – Spain – Retail price information on food products in Spanish provinces	63
Aquaculture – Spain – Production-, establishment-, employment figures, 2002-2013.....	64
Several sectors – EU Fishing Fleet Register	65
Several sectors – Spain – Key economic figures for the fishing fleet, 2004-2013.....	66
Several sectors – Spain – Statistics for the fishing fleet, 2006-2014.....	67
Several sectors – Spain – Capture data for fishing vessels, 2004-2013	68
Data Management Plan – Template.....	69
Data Management Plan – Explanation.....	70

Introduction

As part of the Pilot Action on Open Access to Research Data in Horizon 2020, participants in PrimeFish will have to create a Data Management Plan (DMP). The Data Management Plans included in this document outlines the general information regarding each data set, covering several subjects all relevant to data management and the possible reuse of data sets. Each data management plan (DMP) gives an overview on what sort of data the data set contains, and what (if any) standards are being used. Information about the content of the data set includes both an overview of the different variables included as well as metadata. This goes for both data extracted from existing sources as well as data developed over the course of the PrimeFish-project.

A major focal point of the Pilot Action on Open Access to Research Data is the possibility of sharing and reusing data sets. Each DMP outlines whether or not access to the data is (semi-)restricted to certain institutions or if it is available without restrictions. In any case, the DMP describes who has the right to use to it, and how it might be accessed. This includes access procedures, which repository the data is stored in, etc. It also details possible barriers to dissemination such as the need for certain software, language barriers, etc.

As the possibilities of reusing and sharing data depends on, among other things, the methods used for preserving and archiving the data sets, procedures for long-term storage of data are also outlined. This section details for how long the data set will be preserved (for a given time period or indefinite), methods of backup, the possibility of future incongruence between the extracted data and the original sources due to periodical updates of the latter one, etc.

All submitted data management plans are included in the appendix of this document. They are grouped according to the corresponding work package (WP). The data management plans within are listed first according to sub-task where this has been provided. If no task-number has been listed, they have been placed in no particular order. Where possible, the corresponding WP- and task-number is listed for each DMP along with the institution. In cases where two or more identical data management plans were submitted for different tasks, these have been included as only one form.

Methods

A DMP-template was distributed among all project participants, along with instructions on how to fill out the form. Instructions were given both by e-mail and through a separate, and more detailed, "explanation-file" (both the template and explanation are included in the appendix). The information requested in the DMP-template was meant to form the basis for deliverables 1.1 and 1.2 ("Guidelines on data collection methods", and the "Data Management Plan", respectively). A draft of the deliverable containing all submitted forms was sent out to the project participants in order to be reviewed. The deliverable was later edited based on the feedback provided by the participants.

Conclusion

The Data Managements Plans provided in this document give a detailed overview on the essential elements in the corresponding data sets. They have been reworked based on feedback provided by the project participants. However, the process has highlighted some slight difficulties concerning both the level of detail provided and the potential for harmonization between DMPs. Different data

sets corresponds to different WPs, all of whom have different schedules. As a result, the amount of information regarding the data sets might vary greatly depending on how far along in the process each participant is at any given time. It also appears that the project participants have interpreted the DMP requirements differently, leading to different ways of filling out the form. This in turn has made harmonizing between DMPs difficult.

Acknowledgement

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

References

- "Guidelines on Data Management in Horizon 2020". Version 1, Dec. 11. 2013.
- "Guidelines on Open Access to Scientific Publications and Research Data in Horizon 2020". Version 2.0, Oct. 30th. 2015.

Appendix

WP2

Data set reference and name	Herring – Questionnaire on productivity development and growth potential
WP/Task/Partner	WP2 – Task 2.1 – TTZ Bremerhaven
Data set description	Data set consists of qualitative results from questioning experts in the field of trading or producing herring on elements that may shape productivity development and the potential for growth.
Standards and metadata	<ul style="list-style-type: none"> • Metadata (e.g. gender, size of company or country) will be described on an extra sheet within an excel file e.g. • In case of using SPSS for storing and handling the data, metadata are directly entered into the SPSS-file as labels. • Data contains both numbers and text/string variables. • The preliminary dataset-structure is rows=interviewees, and columns=variables/questions. • Transcribed data/personal data and coded/anonymized data are stored in separate files.
Data sharing	<ul style="list-style-type: none"> • Data is stored at TTZ on a server that is only accessible for employees of TTZ. • The data is saved in different formats: .xls (Microsoft Excel), .txt, .sav (SPSS 22). • Data can be shared if necessary, provided all personal information from the interviewees is anonymized and if they have agreed to share data under these conditions. It can be sent by e-mail.
Archiving and preservation	<ul style="list-style-type: none"> • All data at TTZ is saved and stored on a central server. The server is mirrored several times a week. • If not deleted by coincidence, the data will be available as long as necessary.

Data set reference and name	Herring – Case study data on economic performance, 2008-2013
WP/Task/Partner	WP2 – Task 2.1.2 Aalborg University
Data set description	<p>The data set includes data on economic performance and prices in the herring sector, including data on sector level, efficiency factors and vessel information.</p> <p>The data is gathered from STECF – The EU Fleet economic data tables – or comparable national databases, reports or interviews.</p>
Standards and metadata	<p>Sector level data; input and output:</p> <ul style="list-style-type: none"> • Each partner will identify the relevant fleet segments – e.g. “the sector”. The reasoning for the choice will be mentioned in metadata. • Data for 2008-2013 (possible also 2002-2007) • The input and output data are extracted for the selected fleet segments and total (if more than one) into an excel spread sheet for each country • Purpose of data will be recorded. • Time and date of creation will be recorded. • Creator and author will be recorded. • Location of creation will be recorded. • Standards used will be recorded. <p>Factors of (in)efficiency:</p> <ul style="list-style-type: none"> • Data are collected in a text file <p>Vessel level data:</p> <ul style="list-style-type: none"> • If available, data will be described in quantitative terms in an excel sheet. • If not, qualitative description of assessments
Data sharing	<ul style="list-style-type: none"> • Data will be collected by each relevant partner, and stored on an institutional repository. • Sector level data will be shared by email between the PrimeFish partners of the task. • Vessel data are kept for the interviewer only, at a restricted area at the relevant institution repository. This will be anonymized and shared with PrimeFish partners.
Archiving and preservation	<ul style="list-style-type: none"> • Sector level data: Data is stored on partner serves and at AAU server. This is mirrored on a daily basis and will be kept in the project period and longer according to PrimeFish agreements • Vessel level data: Interview and company data are stored at a closed areas at the institution of the interviewing partner. Anonymised vessel level data are stored at the interviewing partner institution and at the AAU server (for the task leader) in the project period and longer according to PrimeFish agreements

Data set reference and name	Herring – Denmark – Production and export data, 2006-2014
WP/task/partner	WP2 – Task 2.1.2 Aalborg University
Data set description	Data on the Danish herring sector, including data on catch, landings, quota use, production and export. The data set contains data for different periods from 2006-2014.
Standards and metadata	<ul style="list-style-type: none"> • Data are stored in Excel. • Purpose of data will be recorded. • Time and date of creation will be recorded. • Creator and author will be recorded. • Location of creation will be recorded. • Metadata at Statistics Denmark (www.dst.dk) and Ministry of Environment and Food, The Danish AgriFish agency (www.naturerhverv.dk/fiskeri/fiskeristatistik/)
Data sharing	<ul style="list-style-type: none"> • Raw data is publically available from original source. • Processed data will be shared to partners through the project's homepage. • Data will be downloadable in Excel format in English.
Archiving and preservation	<ul style="list-style-type: none"> • Raw data is archived and preserved with original source. • Processed data is archived and preserved at the AAU server, which is mirrored on a daily basis and will be kept in the project period and longer according to PrimeFish agreements

Data set reference and name	Several sectors – Price and sale information on the European seafood market, 2000-to date
WP/Task/Partner	WP2 – Kontali
Data set description	<p>The data set contains weekly/monthly information on first sale, wholesale, import and retail prices and yearly info on consumption, landings, import/export, processing and aquaculture.</p> <p>The data is collected from EUMOFA (European Market Observatory for Fisheries and Aquaculture products).</p>
Standards and metadata	<ul style="list-style-type: none"> • Metadata is available at http://www.eumofa.eu/ (to be renewed in Dec.2015/Jan. 2016) • Period: 2000 – up to data (will vary)
Data sharing	<p>The EUMOFA data is publically available with</p> <ul style="list-style-type: none"> - 7 pre-defined queries for weekly data <u>and</u> tool for extracting data (ad-hoc) - 16 pre-defined queries for monthly data <u>and</u> tool for extracting data (ad-hoc) - 11 pre-defined queries for yearly data <u>and</u> tool for extracting data (ad-hoc)
Archiving and preservation	EUMOFA server maintained and updated by the EUMOFA consortium

Data set reference and name	Groundfish/cod – Price and volume information, 2006-to date
WP/Task/Partner	WP2 – Kontali
Data set description	<p>The data set contains data on volumes (catch/landing, supply/market) and price developments for groundfish/cod in different whitefish markets.</p> <p>The data is gathered by Kontali.</p>
Standards and metadata	<p>Groundfish Weekly Update Kontali Monthly Cod Report</p> <ul style="list-style-type: none"> • Data is saved in Excel-format • Publications are in pdf-format (subscription) • Period: 2006 – up to data
Data sharing	<ul style="list-style-type: none"> • In-house data may be available for non-commercial use <u>upon request</u>.
Archiving and preservation	<ul style="list-style-type: none"> • Data is archived and preserved with original source. • Data compiled for Kontali purpose is stored on an in-house server

Data set reference and name	Pelagic – Price, volumes and industry structure, 2000-to date
WP/Task/Partner	WP2 – Kontali
Data set description	<p>The data set contains various information on herring, mackerel and capelin. It includes quotes, catches/landings, export prices and –volumes, import, stock, as well as figures on fish meal and –oil production and export. The data stems from various countries.</p> <p>It is collected by Kontali.</p>
Standards and metadata	<p>Kontali Pelagic Weekly Update Kontali Monthly Pelagic report Pelagic world</p> <ul style="list-style-type: none"> • Period: 2000 – up to data • Data is saved in Excel-format • Publications in pdf-format (subscription)
Data sharing	<ul style="list-style-type: none"> • In-house data may be available for non-commercial use <u>upon request</u>.
Archiving and preservation	<ul style="list-style-type: none"> • Data is archived and preserved with original source. • Data compiled for Kontali purpose is stored on an in-house server

Data set reference and name	Salmon – Price, volume and company business statistics, 1994-to date
WP/Task/Partner	WP2 – Kontali
Data set description	<p>The data set contains data on prices, volumes and company statistics for salmonid production world-wide with focus on major production nations.</p> <p>The data is collected by Kontali.</p>
Standards and metadata	<p> KAB – Kontali Aquaculture Bulletin KAB – Weekly update Salmon Market Analysis Salmon World </p> <ul style="list-style-type: none"> • Period: 1994 – up to data (expanded over the period) • Data is saved in Excel-format • Publications in pdf-format (subscription)
Data sharing	In-house data may be available for non-commercial use <u>upon request</u> .
Archiving and preservation	Stored on an in-house server

Data set reference and name	Salmon – Norway – Economic and financial figures, 1996-to date
WP/Task/Partner	WP2 – Kontali
Data set description	The data set consist of key financial figures (quantity, EBIT/EBT, cost figures, etc.) for the Norwegian salmon farming industry, including smolt producers, slaughterhouses and exporters. The data is collected by Kontali.
Standards and metadata	Salmon Farming Industry in Norway <ul style="list-style-type: none"> • Period: 1996 – up to data (expanded over the period) • Excel-format • Publications in pdf-format (subscription)
Data sharing	<ul style="list-style-type: none"> • In-house data may be available for non-commercial use <u>upon request</u>.
Archiving and preservation	<ul style="list-style-type: none"> • Stored on an in-house server

Data set reference and name	Seabass, seabream – Price, volume, estimated juvenile figures and fish feed volumes, 2006-to date
WP/Task/Partner	WP2 – Kontali
Data set description	The data set contains key figures such as prices and volumes for export and sale, production estimates, fish feed information and economic performance data. The information is gathered by Kontali, and extracted from EuroStat and TurkStat.
Standards and metadata	Kontali Seabass & Seabream Monthly Report <ul style="list-style-type: none"> • Period: 2006 – to date • Data is saved in Excel-format • Publications in pdf-format (subscription)
Data sharing	<ul style="list-style-type: none"> • In-house data may be available for non-commercial use <u>upon request</u>. • Data collected as part of the PrimeFish project will be made available anonymized.
Archiving and preservation	Stored on an in-house server

Data set reference and name	Trout – Price, volume and company performance data
WP/Task/Partner	WP2 – Kontali
Data set description	The data set will contain volume and price information for harvest/production, export/import and retail/wholesale of (portion) trout. The data is on the main producing countries within the EU and Turkey. The data will be collected by Kontali.
Standards and metadata	<ul style="list-style-type: none"> • Data will be stored in Excel. • Purpose of data will be recorded. • Time and date of creation will be recorded. • Creator and author will be recorded. • Location of creation will be recorded. • Appropriate scientific standards will be applied. <p>Metadata will need to be developed following data being collected.</p>
Data sharing	<ul style="list-style-type: none"> • Data is publically available from the different original sources • Data will be shared through the project's web-page • Data will be downloadable in Excel format. • Data is described in English in Excel file and is available in English at original sources.
Archiving and preservation	<ul style="list-style-type: none"> • Original data will be archived and preserved with the different original sources • Data collected for the purpose of PrimeFish will be made available to the PrimeFish consortium through the PrimeFish web site, and for outside interest upon request. • Kontali might choose to maintain and preserve the data beyond the lifetime of PrimeFish, if so, the data will be in-house and will be available for non-commercial use <u>upon request</u>.

Data set reference and name	Salmon – Canada – Economic performance and prices
WP/Task/Partner	WP2 – MemU
Data set description	<p>The data set on economic performance and prices for Atlantic salmon will contain key data on production volumes and values, as well as product forms and export market info.</p> <p>The data is gathered from company websites, interviews/questionnaires, and various reports.</p> <p>Ref: Can1_21_AQ_SAL</p>
Standards and metadata	<ul style="list-style-type: none"> • Data will be collected and compiled into an excel spreadsheet or other appropriate template which will be recorded and stored on an institutional restricted access repository • Purpose of the data will be recorded • Time and date of creation will be recorded • Creator or author of the data will be recorded • Location where the data was created will be identified • Standards used will be identified • Data sets will be identified using the following naming system: <ul style="list-style-type: none"> ○ Identification code_FAO regional code_Type of fishery_Species common name_data type_Source_WP
Data sharing	<ul style="list-style-type: none"> • Data will be collected by MemU through its Marine Institute (MI). • It will be stored on an institutional restricted access repository. • Data will be made available to relevant work package leaders via MI's Sharepoint restricted access website.
Archiving and preservation	<ul style="list-style-type: none"> • Data will be stored for a minimum time equal to the duration of the PrimeFish on the MI institutional repository for active projects. Upon project completion the data will be transferred to the institutional archive repository as per institutional policies and procedures. • No additional resources will be required. The MI has in-house resources through its ICT department that are working with the MemU research team to ensure the system meets the requirements of PrimeFish. • Data will be organized according to MI standard policies procedures and in compliance with the Institute's ISO quality system.

Data set reference and name	Cod – Canada – Economic performance and prices
WP/Task/Partner	WP2 – MemU
Data set description	<p>The data set will contain data on the economic performance and prices for Atlantic cod. This includes prices and volume data for the landings and production, as well as market data (product forms, prices and export markets).</p> <p>The data is gathered from company websites, interviews/questionnaires, public sector statistical data and various reports.</p> <p>Ref: Can2_21_FI_COD</p>
Standards and metadata	<ul style="list-style-type: none"> • Data will be collected and compiled into an excel spreadsheet or other appropriate template which will be recorded and stored on an institutional restricted access repository • Purpose of the data will be recorded • Time and date of creation will be recorded • Creator or author of the data will be recorded • Location where the data was created will be identified • Standards used will be identified • Data sets will be identified using the following naming system: <ul style="list-style-type: none"> ○ Identification code_FAO regional code_Type of fishery_Species common name_data type_Source_WP
Data sharing	<ul style="list-style-type: none"> • Data will be collected by MemU through its Marine Institute (MI) and stored on an institutional restricted access repository. • Data will be made available to relevant work package leaders via MI's Sharepoint restricted access website.
Archiving and preservation	<ul style="list-style-type: none"> • Data will be stored for a minimum time equal to the duration of the PrimeFish on the MI institutional repository for active projects. Upon project completion the data will be transferred to the institutional archive repository as per institutional policies and procedures. • No additional resources will be required. The MI has in-house resources through its ICT department that are working with the MemU research team to ensure the system meets the requirements of PrimeFish. • Data will be organized according to MI standard policies procedures and in compliance with the Institute's ISO quality system.

Data set reference and name	Herring – Canada – Economic performance and prices
WP/Task/Partner	WP2 – MemU
Data set description	<p>The data set will contain data on the economic performance and prices for Atlantic herring. This includes prices and volume data for the landings and production, as well as market data (product forms, prices and export markets).</p> <p>The data is gathered from company websites, interviews/questionnaires, public sector statistical data and various reports.</p> <p>Ref: Can3_21_FI-HER</p>
Standards and metadata	<ul style="list-style-type: none"> • Data will be collected and compiled into an excel spreadsheet or other appropriate template which will be recorded and stored on an institutional restricted access repository • Purpose of the data will be recorded • Time and date of creation will be recorded • Creator or author of the data will be recorded • Location where the data was created will be identified • Standards used will be identified • Data sets will be identified using the following naming system: <ul style="list-style-type: none"> ○ Identification code_FAO regional code_Type of fishery_Species common name_data type_Source_WP
Data sharing	<ul style="list-style-type: none"> • Data will be collected by MemU through its Marine Institute (MI) and stored on an institutional restricted access repository. • Data will be made available to relevant work package leaders via MI's Sharepoint restricted access website.
Archiving and preservation	<ul style="list-style-type: none"> • Data will be stored for a minimum time equal to the duration of the PrimeFish on the MI institutional repository for active projects. Upon project completion the data will be transferred to the institutional archive repository as per institutional policies and procedures. No additional resources will be required. • The MI has in-house resources through its ICT department that are working with the MemU research team to ensure the system meets the requirements of PrimeFish. • Data will be organized according to MI standard policies procedures and in compliance with the Institute's ISO quality system.

Data set reference and name	Snow Crab – Canada – Economic performance and prices
WP/Task/Partner	WP2 – MemU
Data set description	<p>The data set will contain data on the economic performance and prices for Atlantic snow crab. This includes prices and volume data for the landings and production, as well as market data (product forms, prices and export markets).</p> <p>The data is gathered from company websites, interviews/questionnaires, public sector statistical data and various reports.</p> <p>Ref: Can4_21_FI_CRQ</p>
Standards and metadata	<ul style="list-style-type: none"> • Data will be collected and compiled into an excel spreadsheet or other appropriate template which will be recorded and stored on an institutional restricted access repository • Purpose of the data will be recorded • Time and date of creation will be recorded • Creator or author of the data will be recorded • Location where the data was created will be identified • Standards used will be identified • Data sets will be identified using the following naming system: <ul style="list-style-type: none"> ○ Identification code_FAO regional code_Type of fishery_Species common name_data type_Source_WP
Data sharing	<ul style="list-style-type: none"> • Data will be collected by MemU through its Marine Institute (MI) and stored on an institutional restricted access repository. • Data will be made available to relevant work package leaders via MI's Sharepoint restricted access website.
Archiving and preservation	<ul style="list-style-type: none"> • Data will be stored for a minimum time equal to the duration of the PrimeFish on the MI institutional repository for active projects. Upon project completion the data will be transferred to the institutional archive repository as per institutional policies and procedures. No additional resources will be required. • The MI has in-house resources through its ICT department that are working with the MemU research team to ensure the system meets the requirements of PrimeFish. • Data will be organized according to MI standard policies procedures and in compliance with the Institute's ISO quality system.

Data set reference and name	Several sectors – Faroe Islands – Production and export, 2004-2014
WP/Task/Partner	WP2 – Syntesa
Data set description	<p>The data set will contain information on export volume/value for salmon, herring and cod, as well as production- (salmon only) and catch (herring/cod only) data.</p> <p>The data is gathered from Statistics Faroe Islands, price/kg estimated from export value and production of fish species.</p>
Standards and metadata	<ul style="list-style-type: none"> • Data are stored in Excel. • Purpose of data will be recorded. • Time and date of creation will be recorded. • Creator and author will be recorded. • Location of creation will be recorded. • Appropriate scientific standards will be applied. <p>Metadata is available on Statistics Faroe Islands – www.hagstova.fo.</p>
Data sharing	<ul style="list-style-type: none"> • Data is publically available from original source. • Data will be shared through the project's Wiki page. • Data will be downloadable in Excel format. • Data is described in English in Excel file and is mostly available in English at original source (Statistics Faroe Islands – www.hagstova.fo).
Archiving and preservation	Data is archived and preserved with original source. No further archiving or preservation will take place.

Data set reference and name	Cod – Iceland – Economic performance and prices
WP/Task/Partner	WP2 – University of Iceland
Data set description	<p>The data set contains data on landings and landed value, operational costs and revenues, and stock size in order to describe the economic performance and prices in the Icelandic cod fisheries.</p> <p>The data is gathered from Statistics Iceland, the Directorate of Fishing and the Marine Research Institute.</p>
Standards and metadata	<ul style="list-style-type: none"> Data will be collected and compiled into an excel spreadsheet or other appropriate template which will be used on individual computers
Data sharing	<ul style="list-style-type: none"> Excel data files (or other) No restrictions on sharing
Archiving and preservation	<ul style="list-style-type: none"> Data will be stored on computers

Data set reference and name	Cod – Spain – Economic performance and prices
WP/Task/Partner	WP2 – University of Iceland
Data set description	The data set contains data on landings and landed value, operational costs and revenues, and stock size in order to describe the economic performance and prices in the Spanish cod fisheries. The data is gathered from STECF and ICES.
Standards and metadata	<ul style="list-style-type: none"> • Data will be collected and compiled into an excel spreadsheet or other appropriate template which will be used on individual computers
Data sharing	<ul style="list-style-type: none"> • Excel data files (or other) • No restrictions on sharing
Archiving and preservation	<ul style="list-style-type: none"> • Data will be stored on computers

Data set reference and name	Cod – UK – Economic performance and prices
WP/Task/Partner	WP2 – University of Iceland
Data set description	<p>The data set contains data on landings and landed value, operational costs and revenues, and stock size in order to describe the economic performance and prices in the UK cod fisheries.</p> <p>The data is gathered from STECF and ICES.</p>
Standards and metadata	<ul style="list-style-type: none"> • Data will be collected and compiled into an excel spreadsheet or other appropriate template which will be used on individual computers
Data sharing	<ul style="list-style-type: none"> • Excel data files (or other) • No restrictions on sharing
Archiving and preservation	<ul style="list-style-type: none"> • Data will be stored on computers

Data set reference and name	Herring – Iceland – Economic performance and prices
WP/Task/Partner	WP2 – University of Iceland
Data set description	<p>The data set contains data on landings and landed value, operational costs and revenues, and stock size in order to describe the economic performance and prices in the Icelandic herring fisheries.</p> <p>The data is gathered from Statistics Iceland, the Directorate of Fishing and the Marine Research Institute.</p>
Standards and metadata	<ul style="list-style-type: none"> • Data will be collected and compiled into an excel spreadsheet or other appropriate template which will be used on individual computers
Data sharing	<ul style="list-style-type: none"> • Excel data files (or other) • No restrictions on sharing
Archiving and preservation	<ul style="list-style-type: none"> • Data will be stored on computers

Data set reference and name	Cod – Norway – Fishing vessel efficiency and productivity
WP/Task/Partner	WP 2 – Nofima
Data set description	The dataset contains data on individual fishing vessels, consisting of efficiency/productivity indicators, and technical vessel/catch details (length, tonnage, catch quantity, stock size, etc.)
Standards and metadata	<ul style="list-style-type: none"> • Data are stored as Excel spreadsheet. • Metadata will be stored in separate sheet in Excel document.
Data sharing	<ul style="list-style-type: none"> • Data will be stored in an institutional data repository as some elements are subject to restricted distribution. • Data will not be downloadable due to access restrictions.
Archiving and preservation	<ul style="list-style-type: none"> • To be described later

Data set reference and name	Several sectors – Survey data for the Fish Competitiveness Index (FCI)
WP/Task/Partner	WP 2 – Nofima
Data set description	The main data elements are fishing vessels, fish processing plants and countries. The data set consists of survey data from questionnaires and public statistics on different variables such as cooperation, marketing, R&D, HR,
Standards and metadata	<ul style="list-style-type: none"> • The data are stored in an Excel spreadsheet. • Metadata will be stored in separate sheet in Excel document
Data sharing	<ul style="list-style-type: none"> • Data will be shared through the project Wiki page. • Data will be publicly available through a data repository. • Data will be downloadable in excel format. • Data will be described in English.
Archiving and preservation	To be described later

Data set reference and name	Several sectors – Norway, Iceland – Survey data for the Fish Competitiveness Index (FCI)
WP/Task/Partner	WP 2 – Nofima
Data set description	The data set contains survey data from Norwegian and Icelandic fishing, fish processing firms utilized in the FCI.
Standards and metadata	<ul style="list-style-type: none"> • Data will likely be in the form of Excel spreadsheets. • Metadata will be stored in separate sheet in Excel document.
Data sharing	<ul style="list-style-type: none"> • Data will be shared through the project Wiki page. • Data will be publicly available through a data repository.
Archiving and preservation	<ul style="list-style-type: none"> • To be described later

Data set reference and name	Several sectors – Public statistics relevant for the Fish Competitiveness Index (FCI)
WP/Task/Partner	WP 2 – Nofima
Data set description	For the FCI, data from several publicly available sources are employed and collected in this dataset. The data 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.
Standards and metadata	<ul style="list-style-type: none"> • Data will be stored as Excel spreadsheet. • Metadata will be stored in separate sheet in Excel document
Data sharing	<ul style="list-style-type: none"> • Data will be shared through the project Wiki page. • Data will be publicly available through a data repository.
Archiving and preservation	<ul style="list-style-type: none"> • To be described later

Data set reference and name	Several sectors – Project personnel analysis of the Fish Competitiveness Index (FCI)
WP/Task/Partner	WP 2 – Nofima
Data set description	<p>The datasets consists of analysis and subjective judgements by the project personnel on several indices in the FCI. Scores for different elements are graded through discussions among the project participants.</p> <p>These scores are stored in a separate dataset.</p>
Standards and metadata	<ul style="list-style-type: none"> • The data are stored in an Excel spreadsheet. • Metadata will be stored in separate sheet in Excel document.
Data sharing	<ul style="list-style-type: none"> • Data will be shared through the project Wiki page. • Data will be publicly available through a data repository.
Archiving and preservation	<ul style="list-style-type: none"> • To be described later

Data set reference and name	Pangasius – Vietnam – Economic performance and prices
WP/Task/Partner	WP2 - NTU
Data set description	The data set will contain data on the economic performance and prices for Pangasius catfish of Vietnam. This includes prices and volume data for the landings and production, as well as market data (product forms, prices and export markets).
Standards and metadata	<ul style="list-style-type: none"> • Data are stored in Excel. • Purpose of data will be recorded. • Time and date of creation will be recorded. • Creator and author will be recorded. • Location of creation will be recorded. • Appropriate scientific standards will be applied.
Data sharing	<ul style="list-style-type: none"> • Data is publically available from original source. • Data will be shared through the project's Wiki page. • Data will be downloadable in Excel format. • Data is described in English in Excel file and is mostly available in English at original source.
Archiving and preservation	<ul style="list-style-type: none"> • Data will be stored on computers

WP3

Data set reference and name	Several sectors – Value chain description, 2000-2014
WP/Task/Partner	WP3 – Task 3.1 – University of Stirling
Data set description	<p>The data set contains 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).</p> <p>It contains data on supply (landings, production, imports), processing (GVA, output, etc.), consumption/export (volumes and values, etc.) and governance (internal/external and market-based).</p> <p>The data is gathered from public sources, such as official statistics on production, import and export held by governmental bodies (e.g. Eurostat, UK trade info).</p>
Standards and metadata	<ul style="list-style-type: none"> • Period: 2000-2014 • Quantitative and qualitative data will be stored in Excel and word formats respectively • Metadata will be presented on the front work sheet of the Excel document in English • Guidance on data organization and management will be provided in the spreadsheet
Data sharing	<ul style="list-style-type: none"> • Data will be shared by e-mail between project partners and uploaded on the project website and Wiki page • Data will be downloadable in Excel format • Data will be available to the public after a 2 year embargo post-project
Archiving and preservation	<ul style="list-style-type: none"> • The data set will be stored for as long as necessary in the University of Stirling central server which is backed up every day • No additional resources will be needed for the storage of data • Data management will be standardized across institutions

Data set reference and name	Several sectors – Market institutional analysis on framework conditions
WP/Task/Partner	WP3 – Task 3.2 Aalborg University
Data set description	The data set includes qualitative data on framework conditions, relating to both national and international regulations. The national framework conditions are case specific. It also contains descriptions of the dominating types of global value chain governance, and important informal institutions. The data is gathered from reports, legal documents, and interviews.
Standards and metadata	<ul style="list-style-type: none"> Data are in general stored as working papers, interview transcriptions and reports
Data sharing	<ul style="list-style-type: none"> Data for the general framework working paper: <ul style="list-style-type: none"> Stored on the AAU server. The working paper will be shared among partners and uploaded at the PrimeFish homepage. Data for the national framework conditions: <ul style="list-style-type: none"> Stored at servers at the relevant partner institutions. Data for the market institutional description: <ul style="list-style-type: none"> Stored at the relevant partner institutions Only accessible for the relevant persons (depending on level of confidentiality agreed on in the interview situations). The final report will be public available from the PrimeFish homepage
Archiving and preservation	<ul style="list-style-type: none"> Data for the general framework report: <ul style="list-style-type: none"> Stored on the AAU server. This is mirrored on a daily basis and will be kept at least in the project period Data for the national framework conditions and interview material for the market institutional description: <ul style="list-style-type: none"> Stored at the relevant partner institutions

Data set reference and name	Several sectors – Labeling and certification schemes
WP/Task/Partner	WP3 – Task 3.3 – University of Stirling
Data set description	<p>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.</p> <p>The data will be collected on the current use and potential for voluntary market-based labeling and certification schemes for different channel actors along the value chains of selected species/counties.</p>
Standards and metadata	<ul style="list-style-type: none"> • Data will be both quantitative and qualitative. • Data will be collected according to standard methodologies and stored in Excel (quantitative data) and Word files (narrative data). • Metadata will be presented in the worksheet of the Excel document and in a separate Word document for the narrative data.
Data sharing	<ul style="list-style-type: none"> • Data will be shared by e-mail between project partners and uploaded on the project website and Wiki page • Data will be downloadable in Excel and Word format • Data will be available to the public within 2 years after the end of the project
Archiving and preservation	<ul style="list-style-type: none"> • The data set will be stored for as long as necessary in the University of Stirling central server which is backed up every day • No additional resources will be needed for the storage of data • Data management will be standardized across institutions

Data set reference and name	Several sectors – Industry dynamics
WP/Task/Partner	WP3 – Task 3.4 – University of Stirling
Data set description	<p>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.</p> <p>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.</p>
Standards and metadata	<ul style="list-style-type: none"> • Data will be both quantitative and qualitative • Data will be collected according to standard methodologies and stored Excel (quantitative data) and Word files (narrative data). • Metadata will be presented in the worksheet of the Excel document and in a separate Word document for the narrative data.
Data sharing	<ul style="list-style-type: none"> • Data will be shared by e-mail between project partners and uploaded on the project website and Wiki page • Data will be downloadable in Excel and Word format • Data will be available to the public within 2 years after the end of the project
Archiving and preservation	<ul style="list-style-type: none"> • The data set will be stored for as long as necessary in the University of Stirling central server which is backed up every day • No additional resources will be needed for the storage of data • Data management will be standardized across institutions

Data set reference and name	Several sectors – Value chain analysis industry interview data
WP/Task/Partner	WP3 Aalborg University
Data set description	<ul style="list-style-type: none"> Qualitative data obtained from interviews with industry representative.
Standards and metadata	<ul style="list-style-type: none"> Data will be transcribed into Word document or other appropriate template. Purpose of data will be recorded. Time and date of creation will be recorded. Creator and author will be recorded. Location of creation will be recorded. Appropriate scientific standards will be applied. Data type: text
Data sharing	<ul style="list-style-type: none"> Original data (audio recordings, notes in text format) will be stored on the AAU server, which only can be accessed by the AAU PrimeFish responsible, and will not be shared. Summary notes in English will be shared with PrimeFish partners. Summary notes will not be shared with wider public due to sensitive nature of identifying participating industry members, whether identification is explicit or not.
Archiving and preservation	<ul style="list-style-type: none"> Original data (audio recording, notes in text format) will be stored on AAU server until they are no longer needed for the purposes of the PrimeFish project.

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
Data set description	<ul style="list-style-type: none"> • The data will show how producers of wild and farmed fish behave when it comes to voluntarily internalizing externalities and how they trade-off different types of efforts to make their activity sustainable and environmental friendly. • The data will contain results from a sample of aquaculture and traditional fisheries producers in Norway, Iceland, Denmark and Scotland.
Standards and metadata	<ul style="list-style-type: none"> • The survey results in a database with quantitative (numerically coded) data on the respondents answers, and will be stored as an excel file. • However, to get the WTPs the data has to be processed, and there will be a report explaining the processing of the data, presentation of WTPs as distributed across countries, type of fisheries and urban/rural areas.
Data sharing	<ul style="list-style-type: none"> • Results from the survey will be shared by e-mail between project partners and uploaded on the project website and Wiki page • The excel database will be made available on the project home pages, but only for participants as long as we work on the dataset. At a later stage, it will be made public on EU sites for data sharing.
Archiving and preservation	<ul style="list-style-type: none"> • The data set will be stored at the University of Tromsø until all relevant papers and reports based on it has been finished. • No additional resources will be needed for the storage of data

Data set reference and name	Cod, Herring – Iceland – Value chain description
WP/Task/Partner	WP3 – Matis
Data set description	The data set will contain data on the Icelandic value chain for cod and herring. This includes This includes data on fishers, fishing vessels, catch, catch value, production and export.
Standards and metadata	<ul style="list-style-type: none"> • The described sources utilize the standard nomenclature for statistical data. • Data extracted from (http://www.statice.is/) can be downloaded as excel- and PDF-files. • Files can be converted to excel-, PC-axis-, text-, .prn- and html-formats.
Data sharing	<ul style="list-style-type: none"> • Project-generated data will be shared in designated publications and to peers with no limits. • Data extracted from open access areas online (http://www.statice.is/) is available to all third parties. • Original data sources will be regularly updated/alterd in light of new data/corrections. • Statistics Iceland publishes: <ul style="list-style-type: none"> ○ 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.
Archiving and preservation	<ul style="list-style-type: none"> • Data will be deposited on the data server (project management) belonging to Matis. • Data will also be deposited to www.primefish.eu for partners to access. • If not deleted by coincidence, the data will be available as long as necessary.

Data set reference and name	Salmon – Canada – Supply chain description and regulations
WP/Task/Partner	WP3 – MemU
Data set description	<p>The data set will contain data on supply chain relations and regulatory requirements for licensing/harvesting, food safety and export.</p> <p>The data is gathered from company websites, industry associations, interviews/questionnaires and regulatory agencies.</p> <p>Ref: Can1_21_AQ_SAL</p>
Standards and metadata	<ul style="list-style-type: none"> • Data will be collected and compiled into an excel spreadsheet or other appropriate template which will be recorded and stored on an institutional restricted access repository • Purpose of the data will be recorded • Time and date of creation will be recorded • Creator or author of the data will be recorded • Location where the data was created will be identified • Standards used will be identified • Data sets will be identified using the following naming system: <ul style="list-style-type: none"> ○ Identification code_FAO regional code_Type of fishery_Species common name_data type_Source_WP
Data sharing	<ul style="list-style-type: none"> • Data will be collected by MemU through its Marine Institute (MI). • It will be stored on an institutional restricted access repository. • Data will be made available to relevant work package leaders via MI's Sharepoint restricted access website.
Archiving and preservation	<ul style="list-style-type: none"> • Data will be stored for a minimum time equal to the duration of the PrimeFish on the MI institutional repository for active projects. Upon project completion the data will be transferred to the institutional archive repository as per institutional policies and procedures. • No additional resources will be required. The MI has in-house resources through its ICT department that are working with the MemU research team to ensure the system meets the requirements of PrimeFish. • Data will be organized according to MI standard policies procedures and in compliance with the Institute's ISO quality system.

Data set reference and name	Cod – Canada – Supply chain relations and regulations
WP/Task/Partner	WP3 – MemU
Data set description	<p>The data set will contain data on supply chain relations and regulatory requirements for licensing/harvesting, food safety and export.</p> <p>The data is gathered from company websites, industry associations, interviews/questionnaires and regulatory agencies.</p> <p>Ref: Can2_21_FI_COD</p>
Standards and metadata	<ul style="list-style-type: none"> • Data will be collected and compiled into an excel spreadsheet or other appropriate template which will be recorded and stored on an institutional restricted access repository • Purpose of the data will be recorded • Time and date of creation will be recorded • Creator or author of the data will be recorded • Location where the data was created will be identified • Standards used will be identified • Data sets will be identified using the following naming system: <ul style="list-style-type: none"> ○ Identification code_FAO regional code_Type of fishery_Species common name_data type_Source_WP
Data sharing	<ul style="list-style-type: none"> • Data will be collected by MemU through its Marine Institute (MI) and stored on an institutional restricted access repository. • Data will be made available to relevant work package leaders via MI's Sharepoint restricted access website.
Archiving and preservation	<ul style="list-style-type: none"> • Data will be stored for a minimum time equal to the duration of the PrimeFish on the MI institutional repository for active projects. Upon project completion the data will be transferred to the institutional archive repository as per institutional policies and procedures. • No additional resources will be required. The MI has in-house resources through its ICT department that are working with the MemU research team to ensure the system meets the requirements of PrimeFish. • Data will be organized according to MI standard policies procedures and in compliance with the Institute's ISO quality system.

Data set reference and name	Herring – Canada – Supply chain relations and regulations
WP/Task/Partner	WP3 – MemU
Data set description	<p>The data set will contain data on supply chain relations and regulatory requirements for licensing/harvesting, food safety and export.</p> <p>The data is gathered from company websites, industry associations, interviews/questionnaires and regulatory agencies.</p> <p>Ref: Can3_21_FI-HER</p>
Standards and metadata	<ul style="list-style-type: none"> • Data will be collected and compiled into an excel spreadsheet or other appropriate template which will be recorded and stored on an institutional restricted access repository • Purpose of the data will be recorded • Time and date of creation will be recorded • Creator or author of the data will be recorded • Location where the data was created will be identified • Standards used will be identified • Data sets will be identified using the following naming system: <ul style="list-style-type: none"> ○ Identification code_FAO regional code_Type of fishery_Species common name_data type_Source_WP
Data sharing	<ul style="list-style-type: none"> • Data will be collected by MemU through its Marine Institute (MI) and stored on an institutional restricted access repository. • Data will be made available to relevant work package leaders via MI's Sharepoint restricted access website.
Archiving and preservation	<ul style="list-style-type: none"> • Data will be stored for a minimum time equal to the duration of the PrimeFish on the MI institutional repository for active projects. Upon project completion the data will be transferred to the institutional archive repository as per institutional policies and procedures. No additional resources will be required. • The MI has in-house resources through its ICT department that are working with the MemU research team to ensure the system meets the requirements of PrimeFish. • Data will be organized according to MI standard policies procedures and in compliance with the Institute's ISO quality system.

Data set reference and name	Snow Crab – Canada – Supply chain relations and regulations
WP/Task/Partner	WP3 – MemU
Data set description	<p>The data set will contain data on supply chain relations and regulatory requirements for licensing/harvesting, food safety and export.</p> <p>The data is gathered from company websites, industry associations, interviews/questionnaires and regulatory agencies.</p> <p>Ref: Can4_21_FI_CRQ</p>
Standards and metadata	<ul style="list-style-type: none"> • Data will be collected and compiled into an excel spreadsheet or other appropriate template which will be recorded and stored on an institutional restricted access repository • Purpose of the data will be recorded • Time and date of creation will be recorded • Creator or author of the data will be recorded • Location where the data was created will be identified • Standards used will be identified • Data sets will be identified using the following naming system: <ul style="list-style-type: none"> ○ Identification code_FAO regional code_Type of fishery_Species common name_data type_Source_WP
Data sharing	<ul style="list-style-type: none"> • Data will be collected by MemU through its Marine Institute (MI) and stored on an institutional restricted access repository. • Data will be made available to relevant work package leaders via MI's Sharepoint restricted access website.
Archiving and preservation	<ul style="list-style-type: none"> • Data will be stored for a minimum time equal to the duration of the PrimeFish on the MI institutional repository for active projects. Upon project completion the data will be transferred to the institutional archive repository as per institutional policies and procedures. No additional resources will be required. • The MI has in-house resources through its ICT department that are working with the MemU research team to ensure the system meets the requirements of PrimeFish. • Data will be organized according to MI standard policies procedures and in compliance with the Institute's ISO quality system.

Data set reference and name	Herring, Cod – Norway – Fishers, fishing vessels, production and export of fish, 2000-2015
WP/Task/Partner	WP3 – Nofima
Data set description	The Norwegian value chain for herring and cod is described using (semi-)official data, such as data on fishers, fishing vessels, catch, catch value, production and export. The data is gathered from The Statistics Bank of the Norwegian Directorate of Fisheries, Nofima's Profitability study of the fish processing, and som Seafood Norway.
Standards and metadata	<ul style="list-style-type: none"> • The described sources utilize the standard nomenclature for statistical data. • Data extracted from fdir.no/hagstofa.is can be downloaded as excel- and PDF-files. • Files can be converted to excel-, PC-axis-, text-, .prn- and html-formats.
Data sharing	<ul style="list-style-type: none"> • Project-generated data will be shared in designated publications and to peers with no limits. • Data extracted from open access areas online (Fdir.no, hagstofa.is) is available to all third parties. Data extracted from seafood.no requires login. • FDir-data extracted from non-open access areas cannot – by agreement – be conveyed to third parties. • Access to the Nofima fish processing industry profitability study database is not openly available, but can possibly be granted upon request. • FDir-data is mainly in Norwegian, which might pose a problem to non-Norwegian speakers. • Original data sources are regularly updated/alterd in light of new data/corrections.
Archiving and preservation	<ul style="list-style-type: none"> • Data will be deposited on the data server (project management) belonging to Nofima. • Data will be stored for an indefinite time period.

Data set reference and name	Several sectors – Value chain analysis industry data
WP/Task/Partner	WP3 – Syntesa
Data set description	The data set will contain qualitative data obtained from interviews with industry representative.
Standards and metadata	<ul style="list-style-type: none"> • Data will be transcribed into Word document or other appropriate template. • Purpose of data will be recorded. • Time and date of creation will be recorded. • Creator and author will be recorded. • Location of creation will be recorded. • Appropriate scientific standards will be applied. • The data contains text
Data sharing	<ul style="list-style-type: none"> • Original data (audio recordings, notes in text format) will be stored on Syntesa server, which only can be accessed by Syntesa staff, and will not be shared. • Summary notes in English will be shared with PrimeFish partners. • Summary notes will not be shared with wider public due to sensitive nature of identifying participating industry members, whether identification is explicit or not. Complete anonymity cannot be provided interviewees in the case of the Faroe Islands.
Archiving and preservation	Original data (audio recording, notes in text format) will be stored on Syntesa's server until they are no longer needed for the purposes of the PrimeFish project.

WP4

Data set reference and name	Several sectors – Data on innovative products case studies
WP/Task/Partner	WP4 – Task 4.1 – INRA
Data set description	The data set contains primary data on different components of 15 innovative products, where two thirds are categorized as successes, and one third as failures. Data is gathered from interviews with company representatives and desk research.
Standards and metadata	<ul style="list-style-type: none"> • The data will be stored in some Word files. • An excel file will describe the 15 company files.
Data sharing	<ul style="list-style-type: none"> • The data will be shared with all PrimeFish stakeholders, according to the project regulations.
Archiving and preservation	<ul style="list-style-type: none"> • The data will be archived and preserved together with all other PrimeFish data, according to the project processes and regulations.

Data set reference and name	Several sectors – Finland, France – Household purchases
WP/Task/Partner	WP4 – Task 4.3.1 – INRA
Data set description	The data set contains information on household purchases from French and Finnish households. It includes data on quantities, prices, and socio-demographic characteristics.
Standards and metadata	<ul style="list-style-type: none"> Excel file
Data sharing	<ul style="list-style-type: none"> The Kantar and Household Budget Survey raw data are legally only available to the subscribing institutions (INRA and LUKE). Descriptive and comparative analyses are public.
Archiving and preservation	<ul style="list-style-type: none"> The data will be archived and preserved together with all other PrimeFish data, according to the project processes and regulations, but also in line with the terms of the contracts defining access to the data.

Data set reference and name	Salmon – Canada – Consumer and market trends
WP/Task/Partner	WP4 – MemU
Data set description	The data set will contain consumer- and market reports to describe trends within said sectors. The data is gathered from company websites, interview/questionnaires with key industry representatives, industry associations, and consultant reports. Ref: Can1_21_AQ_SAL
Standards and metadata	<ul style="list-style-type: none"> • Data will be collected and compiled into an excel spreadsheet or other appropriate template which will be recorded and stored on an institutional restricted access repository • Purpose of the data will be recorded • Time and date of creation will be recorded • Creator or author of the data will be recorded • Location where the data was created will be identified • Standards used will be identified • Data sets will be identified using the following naming system: <ul style="list-style-type: none"> ○ Identification code_FAO regional code_Type of fishery_Species common name_data type_Source_WP
Data sharing	<ul style="list-style-type: none"> • Data will be collected by MemU through its Marine Institute (MI). • It will be stored on an institutional restricted access repository. • Data will be made available to relevant work package leaders via MI's Sharepoint restricted access website.
Archiving and preservation	<ul style="list-style-type: none"> • Data will be stored for a minimum time equal to the duration of the PrimeFish on the MI institutional repository for active projects. Upon project completion the data will be transferred to the institutional archive repository as per institutional policies and procedures. • No additional resources will be required. The MI has in-house resources through its ICT department that are working with the MemU research team to ensure the system meets the requirements of PrimeFish. • Data will be organized according to MI standard policies procedures and in compliance with the Institute's ISO quality system.

Data set reference and name	Cod – Canada – Consumer and market trends
WP/Task/Partner	WP4 – MemU
Data set description	The data set will contain consumer- and market reports to describe trends within said sectors. The data is gathered from company websites, interview/questionnaires with key industry representatives, industry associations, and consultant reports. Ref: Can2_21_FI_COD
Standards and metadata	<ul style="list-style-type: none"> • Data will be collected and compiled into an excel spreadsheet or other appropriate template which will be recorded and stored on an institutional restricted access repository • Purpose of the data will be recorded • Time and date of creation will be recorded • Creator or author of the data will be recorded • Location where the data was created will be identified • Standards used will be identified • Data sets will be identified using the following naming system: <ul style="list-style-type: none"> ◦ Identification code_FAO regional code_Type of fishery_Species common name_data type_Source_WP
Data sharing	<ul style="list-style-type: none"> • Data will be collected by MemU through its Marine Institute (MI) and stored on an institutional restricted access repository. • Data will be made available to relevant work package leaders via MI's Sharepoint restricted access website.
Archiving and preservation	<ul style="list-style-type: none"> • Data will be stored for a minimum time equal to the duration of the PrimeFish on the MI institutional repository for active projects. Upon project completion the data will be transferred to the institutional archive repository as per institutional policies and procedures. • No additional resources will be required. The MI has in-house resources through its ICT department that are working with the MemU research team to ensure the system meets the requirements of PrimeFish. • Data will be organized according to MI standard policies procedures and in compliance with the Institute's ISO quality system.

Data set reference and name	Herring – Canada – Consumer and market trends
WP/Task/Partner	WP4 – MemU
Data set description	The data set will contain consumer- and market reports to describe trends within said sectors. The data is gathered from company websites, interview/questionnaires with key industry representatives, industry associations, and consultant reports. Ref: Can3_21_FI-HER
Standards and metadata	<ul style="list-style-type: none"> • Data will be collected and compiled into an excel spreadsheet or other appropriate template which will be recorded and stored on an institutional restricted access repository • Purpose of the data will be recorded • Time and date of creation will be recorded • Creator or author of the data will be recorded • Location where the data was created will be identified • Standards used will be identified • Data sets will be identified using the following naming system: <ul style="list-style-type: none"> ◦ Identification code_FAO regional code_Type of fishery_Species common name_data type_Source_WP
Data sharing	<ul style="list-style-type: none"> • Data will be collected by MemU through its Marine Institute (MI) and stored on an institutional restricted access repository. • Data will be made available to relevant work package leaders via MI's Sharepoint restricted access website.
Archiving and preservation	<ul style="list-style-type: none"> • Data will be stored for a minimum time equal to the duration of the PrimeFish on the MI institutional repository for active projects. Upon project completion the data will be transferred to the institutional archive repository as per institutional policies and procedures. No additional resources will be required. • The MI has in-house resources through its ICT department that are working with the MemU research team to ensure the system meets the requirements of PrimeFish. • Data will be organized according to MI standard policies procedures and in compliance with the Institute's ISO quality system.

Data set reference and name	Snow Crab – Canada – Consumer and market trends
WP/Task/Partner	WP4 – MemU
Data set description	The data set will contain consumer- and market reports to describe trends within said sectors. The data is gathered from company websites, interview/questionnaires with key industry representatives, industry associations, and consultant reports. Ref: Can4_21_FI_CRQ
Standards and metadata	<ul style="list-style-type: none"> • Data will be collected and compiled into an excel spreadsheet or other appropriate template which will be recorded and stored on an institutional restricted access repository • Purpose of the data will be recorded • Time and date of creation will be recorded • Creator or author of the data will be recorded • Location where the data was created will be identified • Standards used will be identified • Data sets will be identified using the following naming system: <ul style="list-style-type: none"> ○ Identification code_FAO regional code_Type of fishery_Species common name_data type_Source_WP
Data sharing	<ul style="list-style-type: none"> • Data will be collected by MemU through its Marine Institute (MI) and stored on an institutional restricted access repository. • Data will be made available to relevant work package leaders via MI's Sharepoint restricted access website.
Archiving and preservation	<ul style="list-style-type: none"> • Data will be stored for a minimum time equal to the duration of the PrimeFish on the MI institutional repository for active projects. Upon project completion the data will be transferred to the institutional archive repository as per institutional policies and procedures. No additional resources will be required. • The MI has in-house resources through its ICT department that are working with the MemU research team to ensure the system meets the requirements of PrimeFish. • Data will be organized according to MI standard policies procedures and in compliance with the Institute's ISO quality system.

Data set reference and name	Several sectors – Analysis of European seafood products innovations
WP/Task/Partner	WP4 – University of Savoy
Data set description	The data set consists of European seafood product innovations, and contains brand/product name, species, type of claim, etc. The data is based on secondary data collected from the GNPD Mintel database in 21 European countries.
Standards and metadata	<ul style="list-style-type: none"> • Excel file
Data sharing	<ul style="list-style-type: none"> • The GNPD Mintel raw data are legally only available to the subscribing institutions (INRA). Descriptive and comparative analyses are public.
Archiving and preservation	<ul style="list-style-type: none"> • The data will be archived and preserved together with all other PrimeFish data, according to the project processes and regulations

Data set reference and name	Several sectors – European consumers' in-depth interview summaries
WP/Task/Partner	WP4 – University of Savoy
Data set description	The data set consists of interview summaries of qualitative data on European consumer behavior. It contains opinions on seafood products, buying-decision process, gender, age, etc.
Standards and metadata	<ul style="list-style-type: none"> • The data will be stored in some Word files (one per country). • An excel file will describe the 5 country files.
Data sharing	<ul style="list-style-type: none"> • The data will be shared with all PrimeFish stakeholders, according to the project regulations
Archiving and preservation	<ul style="list-style-type: none"> • The data will be archived and preserved together with all other PrimeFish data, according to the project processes and regulations

Data set reference and name	Several sectors – European consumers' survey and choice experiments
WP/Task/Partner	WP4 – University of Savoy
Data set description	The data set will contain questionnaire responses from consumers on whether their opinions, attitudes, purchasing intentions are influenced by quality cues like health labels and certification claims, as well as other innovations.
Standards and metadata	<ul style="list-style-type: none"> Sphinx- and Excel-files
Data sharing	<ul style="list-style-type: none"> The data will be shared with all PrimeFish stakeholders, according to the project regulations
Archiving and preservation	<ul style="list-style-type: none"> The data will be archived and preserved together with all other PrimeFish data, according to the project processes and regulations

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
Data set description	The main data elements are harvesting companies, processing firms, aquaculture firms and countries. The data set will consist of survey data from questionnaires and public statistics on different variables such as cooperation, marketing, HR, governance impacts, etc.
Standards and metadata	<ul style="list-style-type: none"> • The data are stored in an Excel spreadsheet. • Metadata will be stored in separate sheet in Excel document
Data sharing	<ul style="list-style-type: none"> • Data will be shared through the project Wiki page. • Data will be publicly available through a data repository. • Data will be downloadable in excel format. • Data will be described in English.
Archiving and preservation	To be described later

Non-specific WP

Data set reference and name	Aquaculture – Spain – Economic figures, 2008-2013
WP/Task/Partner	Non-specific WP/task Cetmar
Data set description	The data set contains data on both general information and key economic figures relating to the Spanish aquaculture sector. This includes, but is not limited to, income, GVA, employment figures, facility types, species, etc. The data is gathered from Ministry of Agriculture, Food and Environment. Government of Spain. Fishery Statistics: Aquaculture.
Standards and metadata	<ul style="list-style-type: none"> • Period: 2008 – 2013 • The use is limited to acknowledge the source. • No metadata available • Data sets are saved in Excel- and PDF-format. • Publications are saved in PDF-format.
Data sharing	<ul style="list-style-type: none"> • Data is available to the public. • The data sets are available online. No login required. • Both the webpage and the data files are in Spanish. Might pose a problem to non-Spanish speakers. <p>http://www.magrama.gob.es/es/estadistica/temas/estadisticas-pesqueras/acuicultura/encuesta-economica-acuicultura/default.aspx</p>
Archiving and preservation	<p>Publication by the Technical Secretariat. Department of Statistics. Statistics Service Fisheries</p> <p>Edit © Ministerio de Agricultura, Alimentación y Medio Ambiente Secretaría General Técnica Centro de Publicaciones Catálogo de Publicaciones de la Administración General del Estado http://publicacionesoficiales.boe.es/</p>

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
Data set description	<p>The data sets includes weekly price information for selected agriculture and marine products for the period 2004-2015. It includes price information for three sectors; origin, wholesale and retail trade.</p> <p>The collection of data is carried out by each of the sources with their own specifications and, therefore, are not homogeneous when comparisons magnitudes.</p> <p>Ministry of Economy and Competitiveness. Secretary of commerce. Government of Spain. Price Information at origin and destination</p>
Standards and metadata	<ul style="list-style-type: none"> • Period : 2004 – 2015 • Rows contains prices in €/unit for each product. • Columns contains weeks. • Data for 2004-2015 is contained in an excel-file. • Data for week 43-2015 is also contained in a separate PDF-file. • No metadata available <p>The texts, regulations and generally any information contained on the pages of this website are merely informative so we suggest character check the validity and accuracy of the data with the corresponding official administrative sources.</p> <p>http://www.comercio.mineco.gob.es/es-ES/Paginas/aviso-legal.aspx</p>
Data sharing	<ul style="list-style-type: none"> • Data is available to the public. • The data sets are available online. No login required. • Both the website and data sets are in Spanish. Might pose a problem to non-Spanish speakers. <p>Ministry of Commerce promotes public access of data.</p> <p>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</p>
Archiving and preservation	comercio.mineco.es is owned and hosted by the Ministry of Trade, Ministry of Economy and Competitiveness. Paseo de la Castellana, 162 28046 – Madrid. Spain.

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
Data set description	<p>The data set contains weekly and monthly wholesale price information for perishable food products in Spain. This includes fruit-, vegetable-, fish-, crustacean- and molluscan products. The price information is shown as current weekly and cumulative average monthly price.</p> <p>The figures are obtained in the central markets for the network and other significant Mercasa wholesale markets. Ministry of Economy and Competitiveness. Secretary of commerce. Government of Spain.</p>
Standards and metadata	<ul style="list-style-type: none"> • Period: 2012-2015 • Rows contains weekly prices (€/kg) for each product. • Columns contains weeks. • Method-document is contained in a PDF-file. • No metadata available <p>The texts, regulations and generally any information contained on the pages of this website are merely informative.</p> <p>http://www.comercio.mineco.gob.es/es-ES/Paginas/aviso-legal.aspx</p>
Data sharing	<ul style="list-style-type: none"> • Data is available to the public. • Data is available online in a searchable database. No login required. • Both the website and data sets are in Spanish. Might pose a problem to non-Spanish speakers. <p>Ministry of Commerce promotes public access of data:</p> <p>http://www.comercio.mineco.gob.es/es-ES/comercio-interior/Precios-y-Margenes-Comerciales/Informacion-de-precios-(bases-de-datos)/Paginas/CesionMayorista.aspx</p>
Archiving and preservation	comercio.mineco.es is owned and hosted by the Ministry of Trade, Ministry of Economy and Competitiveness. Paseo de la Castellana, 162 28046 – Madrid. Spain.

Data set reference and name	Several sectors – Spain – Retail price information of food products, 2012-2015
WP/Task/Partner	Non-specific WP/task Cetmar
Data set description	The data set contains price information on a set of food products, drinks and tobacco. The price information is divided into weekly and monthly prices, and subdivided into max-, min-, and frequency price.
Standards and metadata	<ul style="list-style-type: none"> • Period: 2012-2015 • Rows contains price information for each product • Columns contains price categories. • No metadata available <p>The texts, regulations and generally any information contained on the pages of this website are merely informative.</p> <p>http://www.comercio.mineco.gob.es/es-ES/Paginas/aviso-legal.aspx</p>
Data sharing	<ul style="list-style-type: none"> • Data is available to the public. • Data is available online in a searchable database. No login required. • Both the website and data sets are in Spanish. Might pose a problem to non-Spanish speakers. <p>Ministry of Commerce promotes public access of data:</p> <p>http://www.comercio.mineco.gob.es/es-ES/comercio-interior/Precios-y-Margenes-Comerciales/Informacion-de-precios-(bases-de-datos)/Paginas/PVPAlimentacion.aspx</p>
Archiving and preservation	comercio.mineco.es is owned and hosted by the Ministry of Trade, Ministry of Economy and Competitiveness. Paseo de la Castellana, 162 28046 – Madrid. Spain

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
Data set description	The data set contains national weighted average prices of a selection of food products. The prices are per given unit, depending on the standard unit measurement for each product. Data is gathered from 32 provincial capitals through the Market Information Network.
Standards and metadata	<ul style="list-style-type: none"> • Period: 2002-2015 • No metadata available • Data sets are saved in excel-format. • Base information documents are saved in PDF-format. • Rows contain prices for specific products • Columns contains months • All units are in kilograms or liters unless stated otherwise. See corresponding Base-documents for exceptions. <ul style="list-style-type: none"> ○ Jan. 2002-Dec.2004 corresponds to Base 1992 ○ Jan. 2005-May 2007 corresponds to Base 2001 ○ Jun. 2007-Dec. 2011 corresponds to Base 2006 ○ Jan. 2012 and onwards corresponds to Base 2011 <p>The texts, regulations and generally any information contained on the pages of this website are merely informative.</p> <p>http://www.comercio.mineco.gob.es/es-ES/Paginas/aviso-legal.aspx</p>
Data sharing	<ul style="list-style-type: none"> • Data is available to the public. • Data is available online. No login required. • Both the website and data sets are in Spanish. Might pose a problem to non-Spanish speakers. <p>Ministry of Commerce promotes public access of data:</p> <p>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</p>
Archiving and preservation	comercio.mineco.es is owned and hosted by the Ministry of Trade, Ministry of Economy and Competitiveness. Paseo de la Castellana, 162 28046 – Madrid. Spain.

Data set reference and name	Several sectors – Spain – Wholesale market price information in Spanish provinces
WP/Task/Partner	Non-specific WP/task Cetmar
Data set description	The data set contain weekly price information on certain products in wholesale markets in Spanish provinces.
Standards and metadata	<ul style="list-style-type: none"> • Period: Weekly • Rows contain information for specific products • Columns contain region, price, frequency and date. • No metadata available
Data sharing	<ul style="list-style-type: none"> • Data is available to the public. • Data is available online in a searchable database. No login/download required. • Both the website and data sets are in Spanish. Might pose a problem to non-Spanish speakers. <p>http://www.comercio.mineco.gob.es/es-ES/comercio-interior/Precios-y-Margenes-Comerciales/Informacion-de-precios-(bases-de-datos)/Paginas/BasesCotizacion.aspx</p>
Archiving and preservation	comercio.mineco.es is owned and hosted by the Ministry of Trade, Ministry of Economy and Competitiveness. Paseo de la Castellana, 162 28046 – Madrid. Spain.

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
Data set description	The data set contains weekly retail price information of certain food products in Spanish provinces at NUT3-level. The data includes max-, minimum- and frequent price.
Standards and metadata	<ul style="list-style-type: none"> • Period: Weekly • Data utilizes the NUTS (Nomenclature of Territorial Units for Statistics) as standard for subdivisions of geographical areas. • Rows contains price information for each listed product type • Columns contain week, price, frequency and region. • No metadata available
Data sharing	<ul style="list-style-type: none"> • Data is available to the public. • Data is available online in a searchable database. No login/download required. • Both the website and data sets are in Spanish. Might pose a problem to non-Spanish speakers. <p>Ministry of Commerce promotes public access of data:</p> <p>http://www.comercio.mineco.gob.es/es-ES/comercio-interior/Precios-y-Margenes-Comerciales/Informacion-de-precios-(bases-de-datos)/Paginas/BasesPVPAlimentacion.aspx</p>
Archiving and preservation	comercio.mineco.es is owned and hosted by the Ministry of Trade, Ministry of Economy and Competitiveness. Paseo de la Castellana, 162 28046 – Madrid. Spain.

Data set reference and name	Aquaculture – Spain – Production-, establishment-, employment figures, 2002-2013
WP/Task/Partner	Non-specific WP/task Cetmar
Data set description	The data set contains key figures on production, employment and amount of food supplied. The establishments are separated into types of aquaculture facilities. 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).
Standards and metadata	<ul style="list-style-type: none"> • Period : 2002 – 2013 • Data sets are saved in excel- and PDF-formats. • Not metadata available <p>The use is limited to acknowledge the source.</p>
Data sharing	<ul style="list-style-type: none"> • Data sets are available to the public • The data sets are available online. No login required. • Both the webpage and the data files are in Spanish. Might pose a problem to non-Spanish speakers. <p>http://www.magrama.gob.es/es/estadistica/temas/estadisticas-pesqueras/acuicultura/encuesta-establecimientos-acuicultura/</p>
Archiving and preservation	<p>Publication by the Technical Secretariat. Department of Statistics. Statistics Service Fisheries</p> <p>Edit © Ministerio de Agricultura, Alimentación y Medio Ambiente Secretaría General Técnica Centro de Publicaciones Catálogo de Publicaciones de la Administración General del Estado http://publicacionesoficiales.boe.es/</p>

Data set reference and name	Several sectors – EU Fishing Fleet Register.
WP/Task/Partner	Non-specific WP/task Cetmar
Data set description	The EU Fleet Register database includes records of technical details and characteristics of EU-registered fishing vessels based on the national registers of the Member States. This includes, but is not limited to, activity records, licenses, weight, gear types, etc. European Commission. Fisheries & Maritime Affairs The Community Fishing Fleet Register
Standards and metadata	<ul style="list-style-type: none"> • Rows contain information for each vessel • Columns contain vessel information categories • Gear type utilizes FAO Gear Type Standards (ISSCFG) • Vessel identifiers utilize international standard ID
Data sharing	<ul style="list-style-type: none"> • Data is available to the public. • Data is available online in a searchable database. No login required. http://ec.europa.eu/fisheries/fleet/index.cfm?lg=en
Archiving and preservation	

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
Data set description	The data set contains economic figures for the Spanish fishing fleet. 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. Fishery Statistics: Fishing at sea
Standards and metadata	<ul style="list-style-type: none"> • Period : 2004 – 2013 • Data sets are saved in excel- and PDF-formats. • Publications are saved in PDF-format. • Not metadata available • The use is limited to acknowledge the source.
Data sharing	<ul style="list-style-type: none"> • Data sets are available to the public • The data sets are available online. No login required. • Both the webpage and the data files are in Spanish. Might pose a problem to non-Spanish speakers. <p>http://www.magrama.gob.es/es/estadistica/temas/estadisticas-pesqueras/pesca-maritima/encuesta-economica-pesca-maritima</p>
Archiving and preservation	<p>Publication by the Technical Secretariat. Department of Statistics. Statistics Service Fisheries</p> <p>Edit © Ministerio de Agricultura, Alimentación y Medio Ambiente Secretaría General Técnica Centro de Publicaciones Catálogo de Publicaciones de la Administración General del Estado http://publicacionesoficiales.boe.es/</p>

Data set reference and name	Several sectors – Spain – Statistics for the fishing fleet, 2006-2014
WP/Task/Partner	Non-specific WP/task Cetmar
Data set description	The data set contains statistical information on the Spanish fishing fleet. This includes, but is not limited to, the number of vessels, fishery area, tonnage, length, etc. Fishery Statistics: Fishing Fleet Statistics
Standards and metadata	<ul style="list-style-type: none"> • Period : 2006 – 2014 • No metadata available • The use is limited to acknowledge the source.
Data sharing	<ul style="list-style-type: none"> • Data sets are available to the public • The data sets are available online. No login required. • Both the webpage and the data files are in Spanish. Might pose a problem to non-Spanish speakers. http://www.magrama.gob.es/es/estadistica/temas/estadisticas-pesqueras/pesca-maritima/estadistica-flota-pesquera
Archiving and preservation	<p>Publication by the Technical Secretariat. Department of Statistics. Statistics Service Fisheries</p> <p>Edit © Ministerio de Agricultura, Alimentación y Medio Ambiente Secretaría General Técnica Centro de Publicaciones Catálogo de Publicaciones de la Administración General del Estado http://publicacionesoficiales.boe.es/</p>

Data set reference and name	Several sectors – Spain – Capture data for fishing vessels, 2004-2013
WP/Task/Partner	Non-specific WP/task Cetmar
Data set description	The data set contains data on catches made by the Spanish fishing fleet in national-, EU- or international waters. It includes species information, conservation, purpose, etc. Fishery statistics: Catches of sea fishing
Standards and metadata	<ul style="list-style-type: none"> • Period : 2004 – 2013 • Data sets are available in Excel- and PDF-formats • "Capture zone" utilize the FAO-standard for major fishing areas • Species utilize ISSCAAP (International Standard Statistical Classification of Aquatic Animals and Plants) • Not metadata available • The use is limited to acknowledge the source.
Data sharing	<ul style="list-style-type: none"> • Data sets are available to the public • The data sets are available online. No login required. • Both the webpage and the data files are in Spanish. Might pose a problem to non-Spanish speakers <p>http://www.magrama.gob.es/es/estadistica/temas/estadisticas-pesqueras/pesca-maritima/estadistica-capturas-desembarcos</p>
Archiving and preservation	<p>Publication by the Technical Secretariat. Department of Statistics. Statistics Service Fisheries</p> <p>Edit © Ministerio de Agricultura, Alimentación y Medio Ambiente Secretaría General Técnica Centro de Publicaciones Catálogo de Publicaciones de la Administración General del Estado http://publicacionesoficiales.boe.es/</p>

Data Management Plan – Template

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

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	<p>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).</p> <ul style="list-style-type: none"> - 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	<p>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.</p> <ul style="list-style-type: none"> - 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	<ul style="list-style-type: none"> - 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-existing 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)