ORFISH - Development of innovative, low-impact offshore fishing practices for small-scale vessels in outermost regions - MARE/2015/06

WP2 Raising awareness of the opportunities to develop innovative fishing techniques

Task 2.1 Status and evolution of small-scale fisheries in ORs

Deliverable #8
Interactive tool for mapping the evolution of the caracteristics of the fleet

The ORFISH project

The ORFISH project aims at providing a platform for exchange of knowledge on low-impact offshore fishing techniques among fishers for the outermost regions with a view to developing and optimizing these techniques and with the principal objective of alleviating fishing pressure on coastal fish resources. The specific objectives of the project are the following:

- Raising awareness of the opportunities to develop innovative fishing techniques allowing to divert fishing effort away from coastal resources
- Developing and testing low impact fishing techniques adapted to the bio-geographical conditions of each outermost region
- Creating alternative fishing opportunities that will help to consolidate jobs in the fishing industry and ensure a steady supply of fisheries products to local markets
- Exchanging of best practice on low-impact offshore fishing techniques between ORs, which will also do good to overseas countries and territories and third countries
- Improving communication among outermost regions' fishing sectors as part of the good functioning of the Advisory Council on Outermost Regions

ORFISH website:
http://orfish.eu

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I.   Objectives and methodology

This deliverable relates to the interactive tool mapping the evolution of the EU outermost fleets, which is available on the ORFISH website (http://orfish.eu). The Fleet Map has been built on the basis of the Data Collection Framework.

The Fleet Map presents the data from 1998 to 2017 for:
- the number of vessels in the selected fleet
- the number of vessels per size categories:
    - < 6 meters
    - 6 – 8 meters
    - 8 – 10 meters
    - 10 – 12 meters
    - 12 – 15 meters
    - 15 – 24 meters
    - >= 24 meters
- the number of vessels per age class:
    - < 5 years
    - 5 – 10 years
    - 10 – 15 years
    - 15 – 20 years
    - 20 – 25 years
    - 25 – 30 years
    - 30 – 35 years
    - 35 – 40 years
    - >= 40 years
- the number of vessels by power class:
    - < 100 kW
    - 100 – 200 kW
    - 200 – 300 kW
    - 300 – 400 kW
    - 400 – 500 kW
    - 500 – 1 000 kW
    - >= 1 000 kW
- the number of vessels by gross tonnage class:
    - < 5 GT
    - 5 – 25 GT
    - 25 – 50 GT
    - 50 – 100 GT
    - 100 – 200 GT
    - >= 200
- The number and type of gears (main and secondary) by length class:
    - < 12 meters
    - > 12 meters

In this interactive tool, the user can select different levels of aggregation:
- all the outermost regions taken together
- by country
- by outermost region,
- by sub region,
- and by harbour.

The output of the selection can then be downloaded as a pdf file. The different types of pdf files are presented hereafter.

II.   Overview of the tool

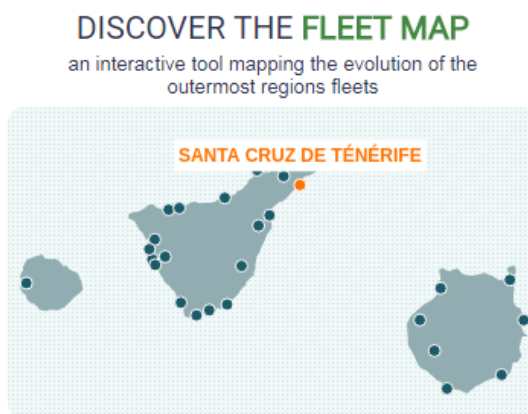The tool is available on the homepage of the ORFISH website as follows:

Figure 1: Discover the CFR fleet map in https://orfish.eu/

An online help is also available for the use of the web site (figure 2).
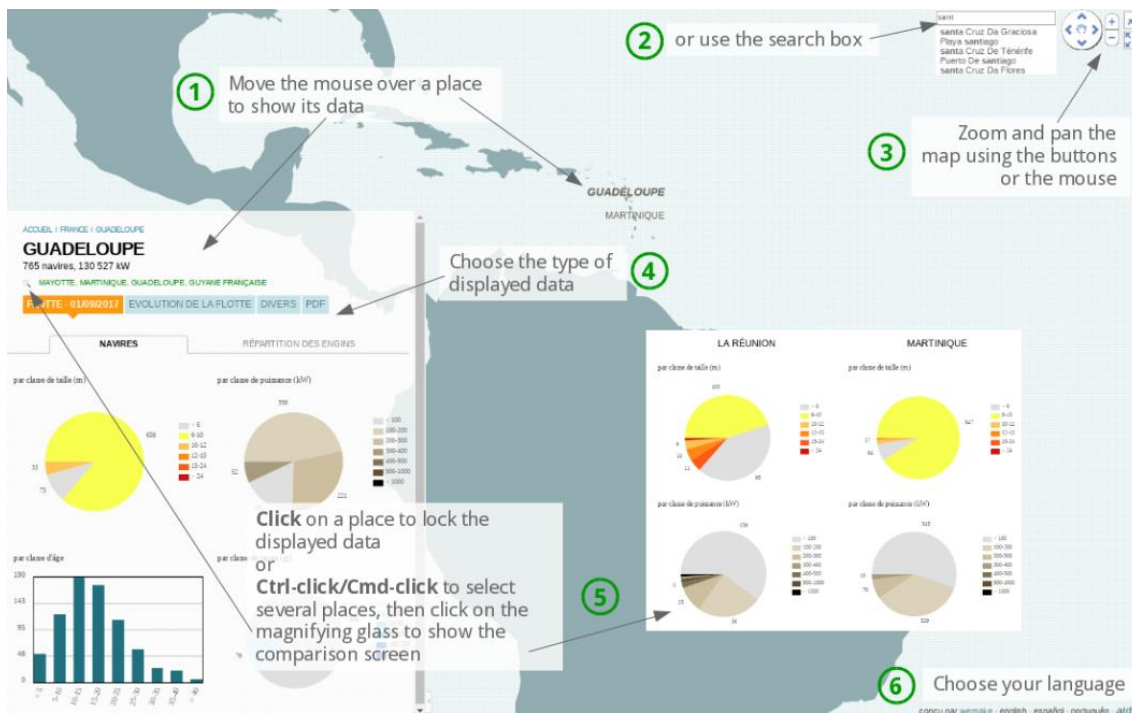
Figure 2: How to use the site

As can be seen in the following figures, the website presents the current status of the CFR fleet at various spatial levels: all outermost regions, regions, islands, port of registration (figures 3,4,5).
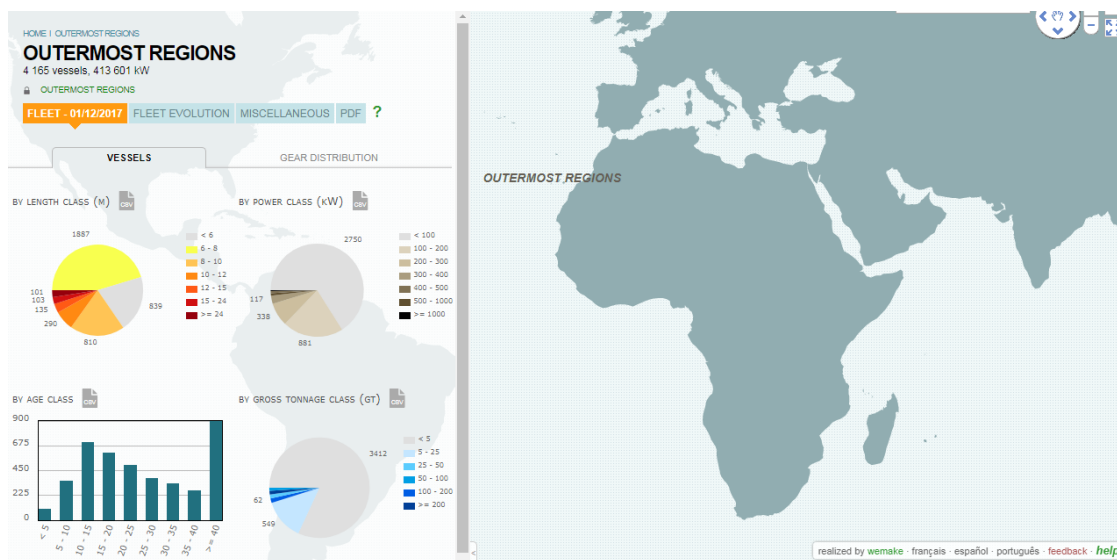

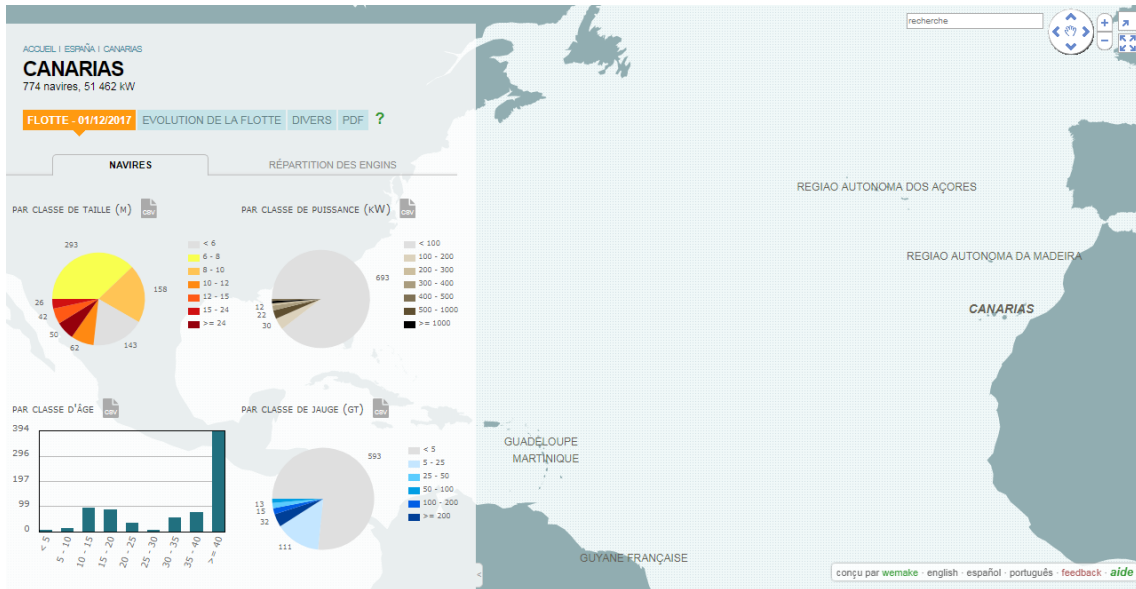**Figure 3: Current characteristics of the CFR fleet in all Outermost Regions.**

Figure 4: Current characteristics of the CFR fleet in Canarias.

The evolution of the characteristics of the fleet is also available (figure 5).
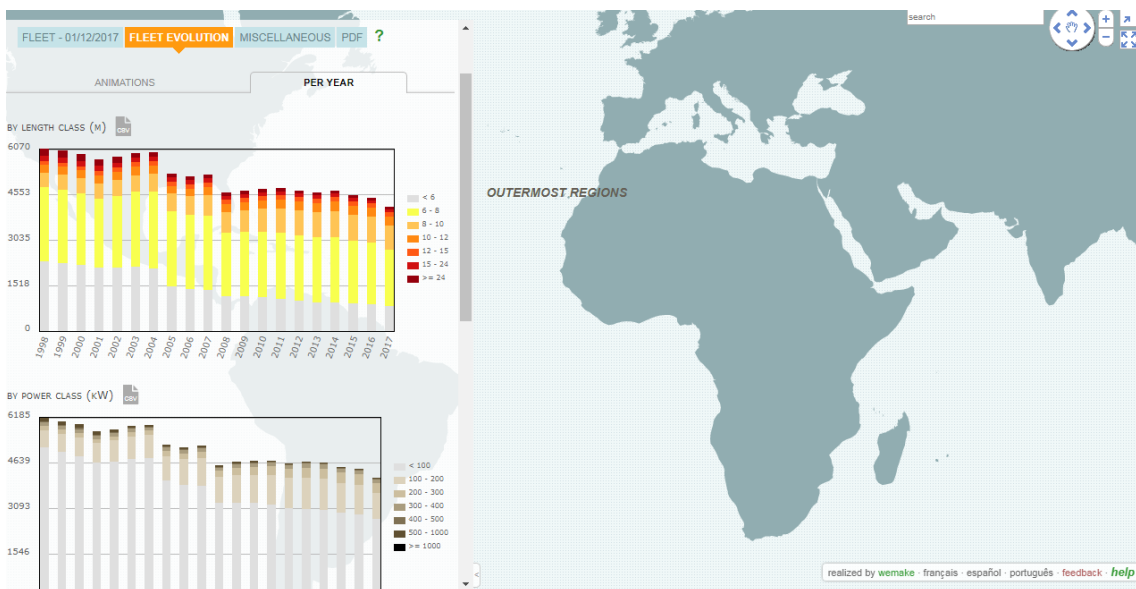

Figure 5: Fleet evolution of the CFR fleet in all Outermost Regions.

The miscellaneous section presents relationships between technical parameters of the fleet such as length, horse power in kW or tonnage in GT (see figure 6).

Figure 6: Relationships vessel length and engine power in Lanzarote.

The pdf section proposes summaries of the fleet characteristics at different scales (figure 7).

Figure 7: Choose your pdf.

III.   Downloadable files from the Fleet Map

- All the outermost regions taken together
- Countries
- Outermost regions
- Sub regions
- Harbours

IV.   Conclusion

This interactive tool for presenting the ORs' fleets and the evolution of their main characteristics is backed by the EU fishing fleet register data. Its regular updating may be of particular interest in the context of the creation of an OR's CC.