



Program: FP7 Cooperation

## Web based repository for knowledge in the shellfish sector

Project acronym:	EUROSHELL
Project title:	Bridging the gap between science and producers to support the European marine mollusc production sector
Project coordinator:	Comité National de la Conchyliculture (CNC)
Grant agreement number:	312025 – FP7 KBBE 2012.1.2-11
Funding scheme:	Coordination Support Action
Deliverable number 3.5:	Web based repository for knowledge in the shellfish sector

# Online Knowledge Database

## OVERVIEW

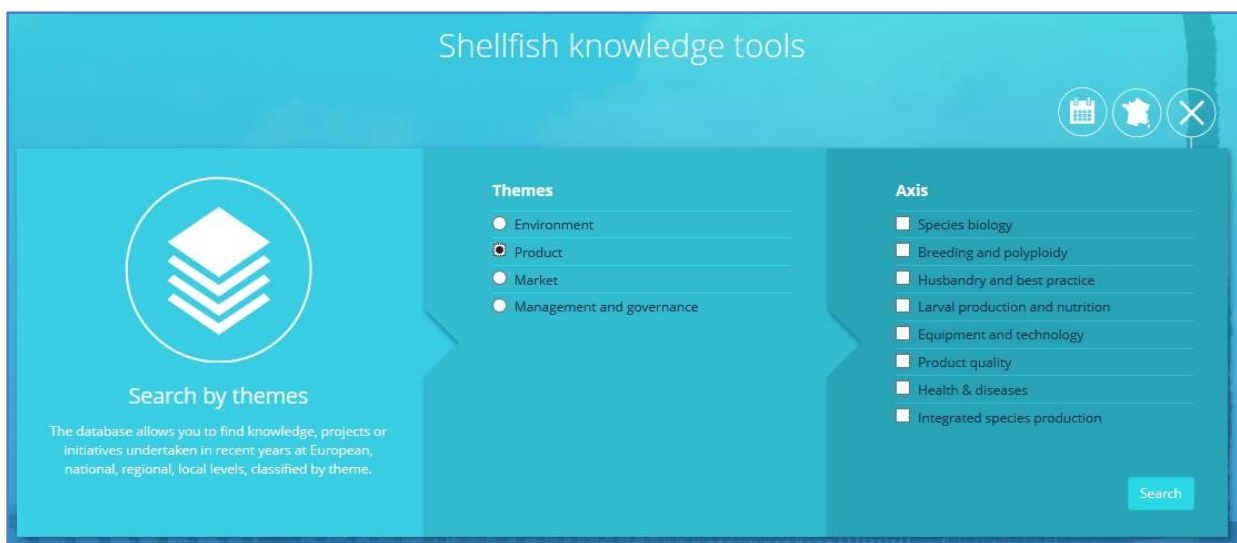
The EUROSHELL online knowledge database contains summaries of European and National research programmes that are relevant to the shellfish sector. It also contains knowledge summaries based on technical reports and other relevant 'grey' literature. The summaries provide information on the challenges and core objectives of the work, as well as the principal outputs or products that resulted from it.

## PRESENTATION AND SEARCH FUNCTIONS

Visitors to the homepage of the EUROSHELL website <http://www.euroshell-fp7.eu> will see a blue 'band' containing the three knowledge tools developed by EUROSHELL.



On the left, the knowledge summaries can be searched by the four main themes – Environment, Product, Market and Management and Governance.



After selection of one of these themes, several related Axes will appear, allowing a more detailed search. One or more of these axes may be selected. Clicking on the search button reveals the results.

## Search results

Search returned 25 matches

### AN EXPERIMENTAL PLAN OF CAPTATION AND GROWING UP OF PECTINIDS

The objectives of the study were: 1...

Relevance : 0 / 10 | Usefulness : 0 / 10 | Impact : 0 / 10

### AQUAGENET : Biotechnology for aquaculture

The main objective is the application of new biotechnology techniques in seven commercially important aquaculture species in SW Europe: flounder, sea bream, sea bass, oysters, mussels, clams and oysters.

Relevance : 0 / 10 | Usefulness : 0 / 10 | Impact : 0 / 10

### BIOVIGILANCE : Biovigilance network for Pacific oyster *Crassostrea gigas* in France

The network's objective is to monitor for the possible appearance of polyploid oysters in the principal Pacific oyster spat production zones (collection zones).

Relevance : 0 / 10 | Usefulness : 0 / 10 | Impact : 0 / 10

The search results appear as a list of project summaries that show the headline title and principle objectives. Selection of one title will show the full summary of that work.

### FORMAT OF THE SUMMARIES

The summaries are presented on one html page of the site. An example is provided here.

## Biotechnology for aquaculture (AQUAGENET)

Development of biotechnological tools dedicated to aquaculture improvement

### Objectives

#### Core objectives

The main objective is the application of new biotechnology techniques in seven commercially important aquaculture species in SW Europe: flounder, sea bream, sea bass, oysters, mussels, clams and oysters.

#### Sub-objectives / Keypoints

Aquagenet has developed techniques for Next Generation Sequencing (NGS), in order to produce new genomic resources for the species above and has created a transnational network for cooperation in biotechnology in aquaculture.

In fish, the researchers design new vaccines to combat pathogens, representing a significant advantage in the production of flounder.

In molluscs, progress in population studies and species identification will help to preserve and properly manage genetic resources and facilitate disease control.

Aquagenet is also studying the interaction of these techniques with the environment, to "provide new information useful to contribute to sustainable aquaculture that meets the standards of health, wellness

#### Rating

Relevance 0.00 / 10

Usefulness 0.00 / 10

Impact 0.00 / 10

Rate this project

The first part describes the core objectives of the study. This is complemented by sub-objectives and key points.

On the right hand side, there is a box showing how this project or study has been rated by other users. This is described below.

The second part of the summary provides basic project or study information, including the type of project, key words, its timing and duration, the countries that were involved, the partners and information on financing.

## Project information

<b>Knowledge source</b>	EU project
<b>Keywords</b>	Breeding and polyploidy, Larval production and nutrition, Health & diseases
<b>Contract number</b>	SOE2/P1/E287
<b>Start date</b>	2011-01-01
<b>End date</b>	2013-06-01
<b>Countries</b>	France, Portugal, Spain

## Partners

<b>Total partners</b>	6-10
<b>RTD partners</b>	6-10
<b>SME partners</b>	Unknown
<b>Other partners</b>	Unknown

## Financing

<b>Principal financing body</b>	EU Regional development funds
<b>Total spend / budget</b>	More than 1000 k€
<b>% amount of that total provided by financing body</b>	75 %

The third section is probably the most important. It lists the main project outputs or products, with a short description of each, its main target users and information on its availability. When directly available online, a link is provided to it.

## Output types

### Scientific publication

<b>Short description</b>	A collection of documents produced through the project, including scientific publications, abstracts and posters presented in conferences
<b>Primary end users</b>	Scientific community, Producers, Scientific community
<b>Secondary end users</b>	Policy makers, Consumers
<b>Output availability</b>	<a href="http://www.juntadeandalucia.es/ag...ifapa/aquagenet/aquagenet/materiales">http://www.juntadeandalucia.es/ag...ifapa/aquagenet/aquagenet/materiales</a>

### Database, directory, network

<b>Short description</b>	An online database of genomic material for Sole (Solea solea and Solea senegalensis)
<b>Primary end users</b>	Scientific community
<b>Secondary end users</b>	Producers
<b>Output availability</b>	<a href="http://www.juntadeandalucia.es/ag...sca/ifapa/soleadb_ifapa/sessions/new">http://www.juntadeandalucia.es/ag...sca/ifapa/soleadb_ifapa/sessions/new</a>

### Multimedia, blogs, online communities

<b>Short description</b>	A series of short videos describing the work and outputs of Aquagenet (in Spanish)
<b>Primary end users</b>	-
<b>Secondary end users</b>	-
<b>Output availability</b>	<a href="http://www.juntadeandalucia.es/ag...t/aquagenet/materiales/audiovisuales">http://www.juntadeandalucia.es/ag...t/aquagenet/materiales/audiovisuales</a>

## USER RATING

To provide some interactivity, visitors have the chance to rate the project or study using a simple scoring system based on three main criteria. As mentioned above, there is a rating box at the top right side of the project or study summary and this is enlarged below left. It provides a cumulative rating of the scores attributed to it by visitors to the site.

The image shows two parts of the user rating interface. On the left, a summary box titled 'Rating' displays three criteria: Relevance (0.00 / 10), Usefulness (0.00 / 10), and Impact (0.00 / 10). Below this is a button labeled 'Rate this project'. On the right, a larger form is shown, which is the pop-up that appears when the button is clicked. It contains three rating questions, each with a dropdown menu set to '10 / 10':  
1. 'Is this initiative relevant for the European shellfish industry?'  
2. 'Can these results be used by the industry?'  
3. 'What impact will this initiative have on the sector?'  
Below the questions is a 'Your profile' dropdown menu with the following options: 'Scientist', 'Professional', 'Decision-maker / investor', and 'Other'. Underneath the profile menu is a 'Comments' text area. At the bottom of the form are two buttons: 'Cancel' and 'Rate the project'.

Clicking on the 'Rate this Project' box (shown upper left) will open a pop-up that allows users to provide a score out of 10 on the relevance for the European shellfish industry; the direct use by the sector and the impact on the sector.

Visitors are asked to identify the area in which they work and there is a free comments box. Clicking once again on the green 'Rate this Project' box will submit this rating.

## Web based repository

The database is provided in a separate zip file, entitled "KDB-Euroshell" with:

- a dump in mysql format : euroshell.sql
- a "euroshell" repertory that contains for each table :
  - the definition of the table in SQL format : table\_XXX.sql
  - the content of the table in CSV format : table\_XXX.txt