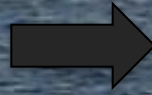


104 researchers
17 groups



80% Doctors

13% PhD
Students

7% Technician

Microarrays (Sea bass, Turbot, Sea bream)

ESTs Database. Transcriptomes.

Genome Projects: Mussel, Turbot

Annual Plenary
session

Six months
coordination

INDUSTRY

- 1.- Increase disease resistance.
- 2.- Control sex differentiation, maturation and reproduction.
- 3.- Improve growth and food conversion rates.
- 4.- Design and apply selection protocols at production plants.

SCIENTIFIC

- 1.- Design and improve vaccines and immunostimulants.
- 2.- Control of sex proportion and gonadal development.
- 3.- Identify genes that play a critical role in growth, larval development and feeding efficiency
- 4.- Construct and improve genetic maps of the species of interest. Genomes.
- 5.- Develop and maintain data bases with sequences of these species.
- 6.- Develop, validate and use microarrays for each species.

- **Previous EU funded coordination actions**
 - **AQUAFUNC**
 - **AQUAGENOME**
- **Inventory of Genomic Resource**
- **Review of Aquaculture Genetics and Genomics (draft version - pdf)**
- **Mobility Grants**
- **Resource Exchange grants**
- **Applied Training Workshop for the aquaculture industry**
- **Mini-Symposium, Bergen, Sept. 2007: "State-of-the-art and future of genomics in aquaculture research"**
- **A white paper on genomics in European Aquaculture Research (Report based on reviews by the AQUAFUNC and AQUAGENOME projects)**

- **Database of Marine Biotechnology Research Projects by area: Results.**
- **Database of Resources: Accesibility and Status.**
- **Rules of use: EU vs Member States**