



MARINE BIOLOGICAL RESOURCES

Strategic projects in the PACA region

The Sea Innovation and Business Cluster is seeking to contribute to the development of the different types of biological marine resource exploitation to ensure a sustainable integration of fishing, aquaculture and biotechnological activities.

► BIOMARINE

This BIOMARINE project involves the creation of a pond for reproductive adult fish and a hatchery which enables the control of an outstanding quality of shoals of fish and the introduction of total traceability.

BIOMARINE is striving to become the leading French hatchery for marine fish biological fries. This hatchery will be the only one in France able to produce three kinds of fish species: sea bass, gilt-head bream and shade fish. In parallel, BIOMARINE will continue R & D efforts initiated by Cannes Aquaculture in partnership with Ifremer (French Research Institute for Exploitation of the Sea) concerning new species: fiches-fish, umbrine and cobias. The main innovation of this project is the creation of the missing link in organic aquaculture, the hatchery pond, for which specifications have not yet been determined.



Project leader
Cannes Aquaculture

Partners
Bio Aquaculture, SAM EMM and Ifremer Palavas

Budget
1 500 K€ over 18 months



► **SHAMASH**
**Production of lipidic
biofuel from microalgae**

The goal of this project is to test a new procedure for high-yield production of microalgae for use in the production of a new biofuel.

Project leader

Inria

Industrial partner

Valcobio

Research partners

LOV, Ifremer, CEA, Gepea, Cirad and LPPE

Budget

3 381 K€ over 3 years.
Project co-financed by ANR



► **ECIMAR**
Marine Chemical Ecology

Indicators for biodiversity and valorization. This project has two main goals: better knowledge of marine biodiversity and characterization of chemical markers for the purpose of environmental indicators for perturbations from natural or anthropic origins, and the valorization of marine biodiversity.

Project leader

CNRS Inserm

Research partners

CNRS ICSN, CNRS Dimar, USTV, MNHM, Centre Phytophar, Inserm, CEAB Blanes (Spain), University of Barcelona, and Oceanographic Center of Crete

Budget

3 855 K€ over 48 months.
Project co-financed by ANR.



In charge of themes

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