



ecocean

Ecological restoration

 **Biohut**<sup>®</sup>

*The hut of Biodiversity*

**Discover our innovative solutions for  
sustainable ports and coastal management**

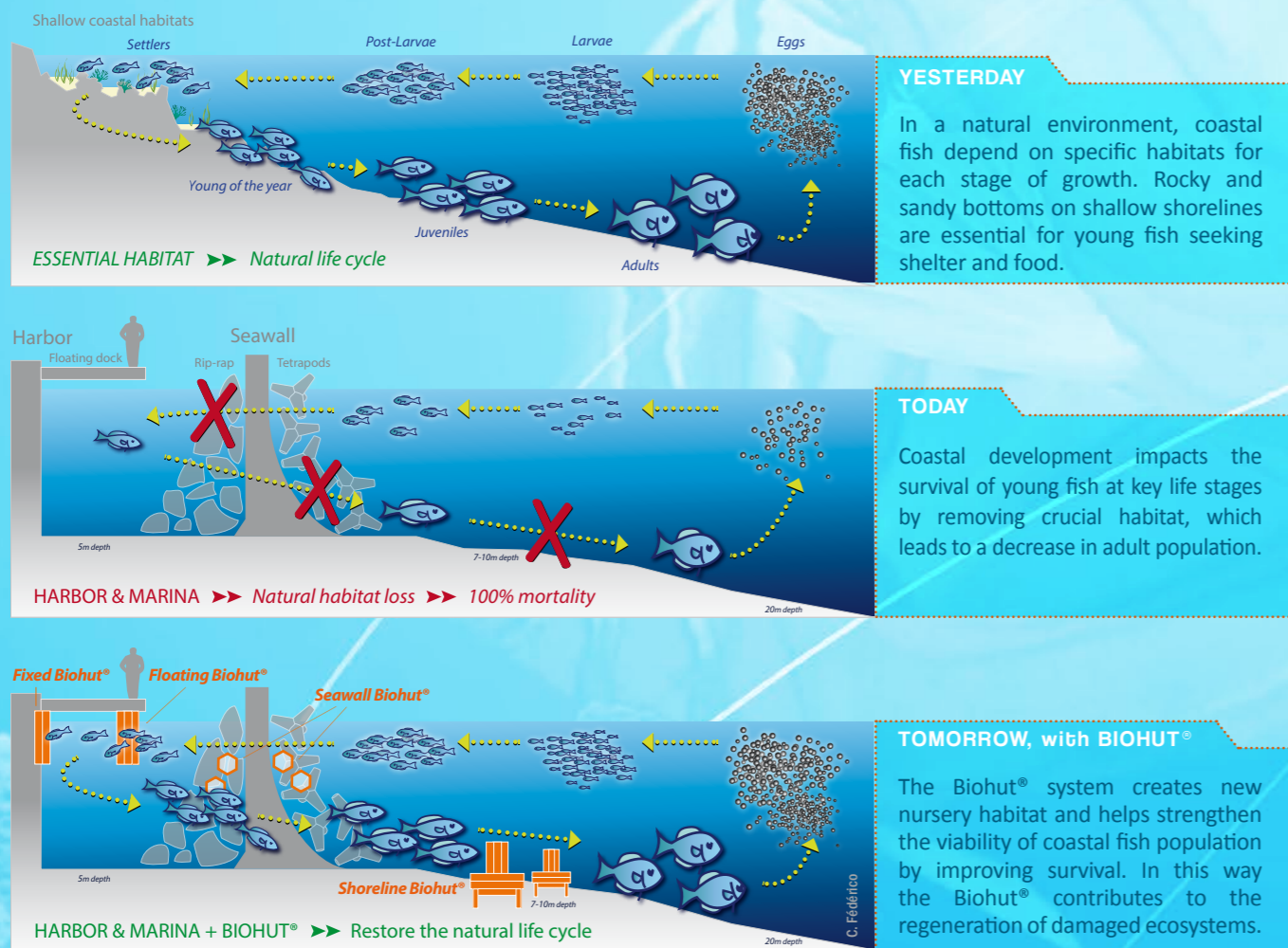


***Act today***  
***and contribute to the restoration of aquatic ecosystems***

# What is a Biohut® ?

The Biohut® is a constructed fish habitat which replicates the ecological function of a shallow water nursery (rocks, sand and submerged aquatic vegetations) in places where it has been damaged by human activities and built infrastructures including harbors, pipelines, seawalls etc...

The Biohut® system is designed to protect post larvae and young of the year fish from predation, allowing them to mature to the point at which they will escape from predation and contribute to adult populations.



With Ecocean's range of Biohut® models, docks, piers, pontoons, or any other littoral infrastructure can become important refuge for a diverse array of aquatic species.

A simple process : a double cage system filled with recycled material provides shelter and food for young of the year settled along the coast.

# Why choose the Biohut® ?

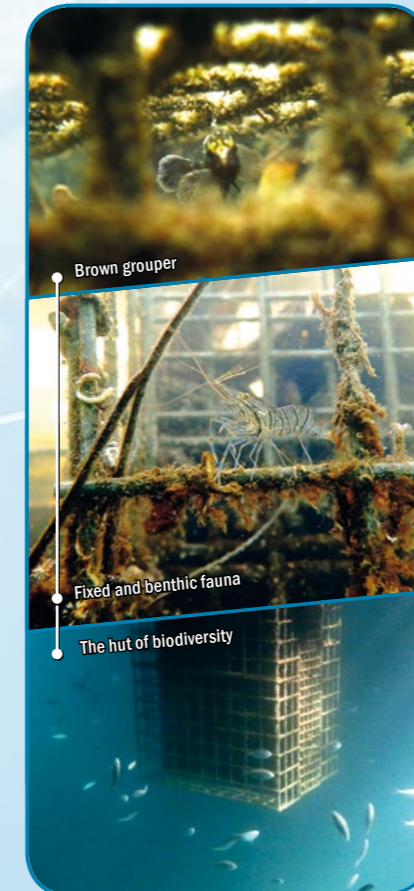
- **Protect and restore** marine biodiversity to contribute to improved the ecosystem health.
- **Demonstrate** your environmental stewardship and commit your community to biodiversity.
- **Prepare to comply** with future environmental regulations.
- **Integrate biodiversity** into your maritime construction and development projects.

# The Biohut®'s models



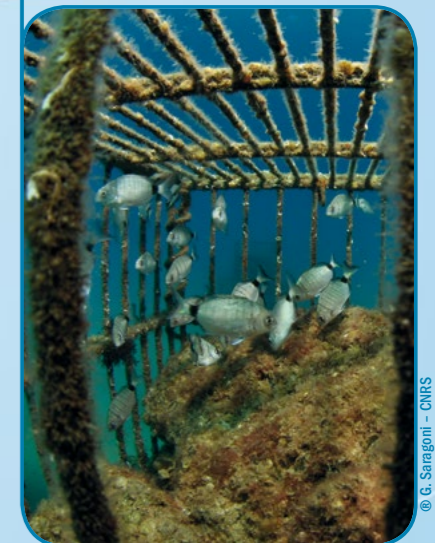
## Port Biohut®

Fixed or floating, the modular system provides shelter and food to young fish entering the harbor.



## Shoreline Biohut®

Adjustable habitat for juveniles and other aquatic invertebrates (mollusk, crustaceans, etc...) settled along altered coastlines.



## TECHNICAL CHARACTERISTICS



- ▷ **Innovative expertise** : Ecocean's aquatic biologists and engineers conduct a thorough audit and biological study of your harbor infrastructure to help you select the best location for the Biohut®.
- ▷ **Adapted for larvae and juveniles** : Recyclable material offers shelter and food for a large array of fish and invertebrates species.
- ▷ **Ergonomic** : Modularity allows for fast, easy implementation on all types of surfaces.
- ▷ **A turnkey service** : Ecocean installs, maintains and disassembles the Biohut® throughout the project period.

# Demonstrate your environmental stewardship



- **Educate passersby** about marine biodiversity through signage, photos, exhibits...
- **Engage and inspire** the next generation of environmental stewards in partnership with local communities and organizations.

# Biohut® all over the World

Mediterranean Sea ▷ more than **900** Units  
 Morocco ▷ **50** Units  
 USA ▷ **30** Units

In **2016**,  
 more than  
**1000** Biohut®  
 have been deployed in  
**22** ports  
 all over the world.



## GIREL project 2012-2015

*Infrastructure Management for the Ecological Rehabilitation of the Coast*

Launched by the Grand Port Maritime of Marseille, the GIREL project includes the large-scale deployment of the Biohut® system along docks and restocking of fish on shoreline Biohut®.



[www.nappex.fr](http://www.nappex.fr)

## NAPPEX project 2013-2014

*Artificial Nursery for Exemplary Ports*

Ecocean, with the support of the French Ministry of Ecology, implemented a large-scale ecological restoration project in six marinas along the French Mediterranean Sea. The NAPPEX project involves the use of the Biohut®.

See all our projects on :

**[www.ecocean.fr](http://www.ecocean.fr)**

*Under Ecological Restoration*

**Biohut® is endorsed  
 by the following  
 institutions :**



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