

Title of Project: Protection and restoration of *Pinna nobilis* populations as a response to the catastrophic pandemic that started in 2016

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Problematic: Prevention of the total extinction of *Pinna nobilis* in the short-medium term

Brief description/abstract:

The main objective of the project is to put into practice mitigation measures that prevent the total extinction of *Pinna nobilis* in the short-medium term. The disease affecting the fan mussel is expected to devastate nearly all the remaining populations, leaving only a few scattered potentially resistant individuals and a few populations of non-resistant individuals in refugia (i.e. coastal lagoons, deltas, etc.). There is no current treatment for the disease, and even if it was, its application would be likely constricted to captive individuals, due to practical difficulties in the open sea. Yet, if no actions are taken, the resistant individuals will perish in time without leaving any offspring, whereas the populations in refugia will decay, being unable to repopulate if any other factor kills them. The present project proposes urgent measures within the framework of a collaborative consortium of experts in the field that enables the application of international measures. Thus, the project will focus on 3 objectives:

- 1) Increasing awareness on a global scale
- 2) Gathering information about the remaining populations and resistant individuals and inclusion in an integrated database on the LIFE Pinnarca webpage.
- 3) Developing recovery actions focused on both the resistant and the remaining non-resistant populations, to increase the probabilities of recovery of the species.

Total budget for the project: 2.249.332€

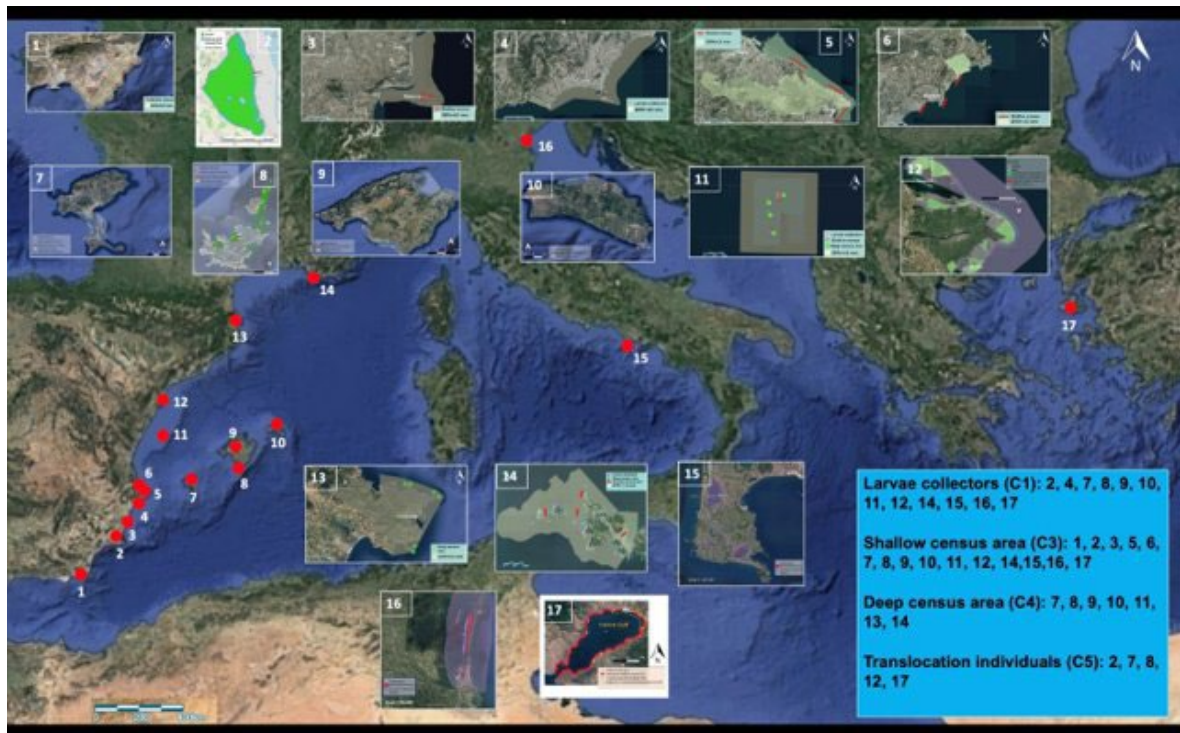
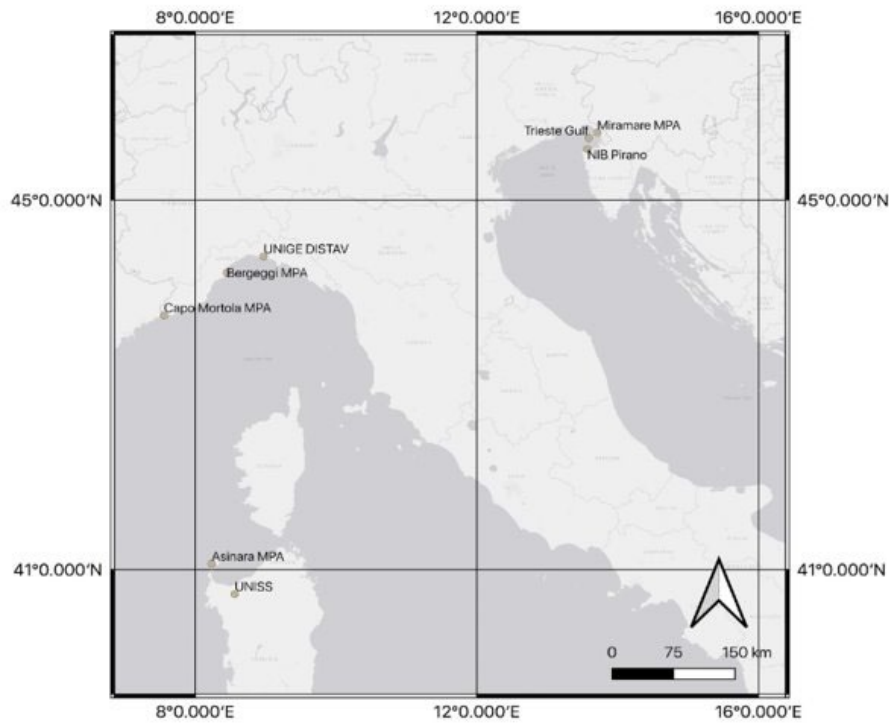
European financial contribution: 1.347.894€

Main results, publications, or website: [Life Pinnarca | Home](#)

Locations: Valencia- Murcia- Alicante – Girona (Spain) - Mytilene (Greece), Napoli (Italy), France

Areas of intervention:

Projects IMEDMAR



Picture/Photo:



LIFE PINNARCA

Protection and restoration of *Pinna nobilis* populations as a response to the catastrophic pandemic started in 2016 (2020 call)

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