

At the end of the project

Objective	Indicators	Estimated Impact (absolute values)	Estimated Impact (in %)*	Please comment and give brief explanations of assumptions used for the calculation	
* Change expected (in %) compared to the initial situation. Please explain reference data used to set the initial situation. This is normally directly linked to the baseline you have developed in the proposal.					
Improved Nature, Species and Biodiversity	Habitats	New reservoirs for <i>Pinna nobilis</i>	2-5 new reservoirs, as well as another 2-5 new areas where repopulation could be conducted	10%	There are many coastal lagoons and deltas that need to be explored for the presence of <i>Pinna nobilis</i> . According to the knowledge of these areas (technical and scientific), we think we can find at least a 10% more of reservoirs for <i>P. nobilis</i> .
	Habitats	Areas progressing towards improvement or restoration or in a favourable conservation status	> 15000 ha	Stable. To be determined through the 3 years of the project.	Conservation and protection of <i>Posidonia oceanica</i> , <i>Cymodocea nodosa</i> , <i>Caulerpa prolifera</i> and <i>Zostera Noltii</i>
	Wildlife Species	Number of threatened species in improved or secured status	1 species 9000 individuals	10%	The mass mortality has decimated fan mussel populations of open waters in Spanish coasts. Part of the actions involve searching for resistant individuals. Right now only 6 have been found in Spain. By increasing the areas explored, the number should rise. Each resistant individual found is extremely important for the survival of the species and we have to facilitate their cross reproduction.
	Alien Species	Reduction of invasive alien species	Population/ha Population/m3	% change to be determined after the end project	<i>Callinectes sapidus</i> (Blue Crab). Invasive species have a very stochastic way of spreading, depending on the interaction with the new environment and local species (they create a new niche taking advantage of the favourable conditions for their spreading in the new area). Therefore, it is very difficult to estimate the percentage of impact of the derived actions from LIFE Pinnarca. However, we will focus on cataloguing the presence of the crab and contributing as much as possible on its eradication, taking advantage of any opportunity to increase our impact in reducing its populations during our surveys. e cannot estimate a priori the impact of our actions, but, at least, we will be able to gather important information that will serve to establish synergies with other projects focused to the study/eradication of this invasive species.
Economic Performance, Market Uptake, Replication	Employment	Jobs created	FTE 10-11	% change 100%	During the development of the project it is expected to hire up to (10-11) people for the execution of the different tasks reflected in the proposal. Among the jobs to be created, we can find technicians, predoctoral students and postdocs.
	Replication / Transfer	N. of replication / Transfer		not applicable	Please specify, if applicable, in how many countries / sectors /entities /regions replication/transfer takes place.
	Market uptake	Expected revenues market size in number of customers	Euros customers	not applicable	
	Reduction of cost per unit or process		in Euros / unit	% change	
	Payback Time	capital invested / net income	in years	not applicable	
Communication, dissemination, awareness rising	Awareness raising	entities/persons	10-20/+500.000	50%	We expect to participate in several TV shows, besides the DVD of the project that will be filmed. One was broadcasted before the LIFE, but with Pinnarca, the possibilities and the general interest will rise. So we expect to reach at least 50% more of audience, providing updates of the works performed. Sharing our knowledge and advances with other countries such as Turkey, Malta, Morocco, Algeria, Libya, Tunisia, Egypt, Slovenia, Croatia, Montenegro and Albania
	Website	visitors	25000	100%	The website of the project will be announced and promoted in every activity and presentation about Pinnarca and fan mussels
	Behavioural change	Number of entities changing behaviour	4	70%	Local government (e.g. coastal city councils) and private companies are expected to find the protection of fan mussels more appealing. With the support of the LIFE project, we will try to convince companies such as Balearia S.A., who are interested in funding the conservation of Mediterranean species and biodiversity, that investing in fan mussel protection has important revenues for their promotion. Of all entities reached, we expect to change the behaviour of at least 4 of them.
Other (please specify)					

3 or 5 years after the project

Select →

5 years after the project

(5 years mandatory for Nature Projects)

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* Change expected (in %) compared to the initial situation. Please explain reference data used to set the initial situation. This is normally directly linked to the baseline you have developed in the proposal.					
Improved Nature, Species and Biodiversity	Habitats	New reservoirs for <i>Pinna nobilis</i>	3-6 new reservoirs, as well as another 3-6 new areas where repopulation could be conducted	15%	There are many coastal lagoons and deltas that need to be explored for the presence of <i>Pinna nobilis</i> . According to the knowledge of these areas (technical and scientific), we think we can find at least a 15% more of reservoirs for <i>P. nobilis</i> , considering 5 years after LIFE.
	Habitats	Areas progressing towards improvement or restoration or in a favourable conservation status	> 15000 ha	Stable. To be determined through the 3 years of the project.	Conservation and protection of <i>Posidonia oceanica</i> , <i>Cymodocea nodosa</i> , <i>Caulerpa prolifera</i> and <i>Zostera Noltii</i>
	Wildlife Species	Number of threatened species in improved or secured status	1 species 18000 individuals	15%	With the push of Pinnarca project, we will try to promote the research on fan mussel reproduction. Together, the 3 years of LIFE project, where some assays of fan mussel maintenance in aquarium are conducted, plus 3 to 5 years after, we expect to be able to have viable offspring, both from resistant and non-resistant individuals
	Alien Species	Reduction of invasive alien species	Population/ha Population/m3	% change to be estimated after the end project% change	<i>Callinectes sapidus</i> (Blue Crab). Invasive species have a very stochastic way of spreading, depending on the interaction with the new environment and local species (they create a new niche taking advantage of the favourable conditions for their spreading in the new area). Therefore, it is very difficult to estimate the percentage of impact of the derived actions from LIFE Pinnarca. However, we will focus on cataloguing the presence of the crab and contributing as much as possible on its eradication, taking advantage of any opportunity to increase our impact in reducing its populations during our surveys. e cannot estimate a priori the impact of our actions, but, at least, we will be able to gather important information that will serve to establish synergies with other projects focused to the study/eradication of this invasive species.
Communication, dissemination, awareness rising	Awareness raising	entities/persons	10-20/+500.000	50%	We expect to participate in several TV shows, besides the DVD of the project that will be filmed. One was broadcasted before the LIFE, but with Pinnarca, the possibilities and the general interest will rise. So we expect to reach at least 50% more of audience, providing updates of the works performed. Sharing our knowledge and advances with other countries such as Turkey, Malta, Morocco, Algeria, Libya, Tunisia, Egypt, Slovenia, Croatia, Montenegro and Albania.
	Website	visitors	60000	>100%	The website of the project will be announced and prompted in every activity and presentation about fan mussels and Pinnarca
	Behavioural change	Number of entities changing behaviour	10	>100%	Local government (e.g. coastal city councils) and private companies are expected to find the protection of fan mussels more appealing. With the support of the LIFE project, we will try to convince companies such as Balearia S.A., who are interested in funding the conservation of Mediterranean species and biodiversity, that investing in fan mussel protection has important revenues for their promotion.
Other (please specify)					