

FishMPABlue2 Project WP4  
**FishMPABlue2 Toolkit transfer regional training course**  
(deliv 4.2.1 & 3.3.1)

# **Sustainable small-scale fisheries in Mediterranean MPAs**

**Embedded with MedPAN Regional training workshop**  
9-10 October 2018 - Sali / Telašćica Nature Park, Croatia

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## **Technical report**

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## Context and objective

MedPAN, as a FishMPABlue2 Project Partner, organised the **FishMPABlue2 Toolkit transfer regional training course**, back to back with its Regional training workshop on the **management of Small Scale Fisheries in MPAs**. The training gathered close to 60 participants, managers, scientists and other MPA practitioners, from 14 Mediterranean countries. It was held from 9 to 10 October in Sali/Telašćica Nature Park in Croatia, in association with several partners and pilot sites of the Interreg Med FishMPABlue2 project.

The FishMPABlue2 project aims to test a set of governance measures identified as key factors for the successful management of small scale fisheries within and around MPAs ('Governance toolkit') and to assess its ecological, economic and social impact. This 'Governance toolkit' is currently tested in 11 pilot sites.



The training was mainly aimed at the FishMPABlue2 pilot sites (10 of the 11 pilot sites participated), but it also targeted 11 other Mediterranean MPAs.

**This training course focused on lessons learnt from the project pilot sites and was organised in modules related to the different components of the FishMPABlue2 toolkit (i.e. a set of governance measures identified as key factors for the successful management of Small Scale Fisheries within and**

**around MPAs). It featured concrete practical exercises for MPA managers to understand how the process could be implemented in their site.**

*A field exchange visit was organised on 11 October in conjunction with the Regional training course. This exchange visit was aimed at sharing on the MPA governance practises for the management of Small Scale Fisheries, and more specifically on the application of the governance toolkit developed within the FishMPABlue2 project.*

The training was developed by MedPAN with the support of a consultant (Mydas s.c. project team), in coordination with the FishMPABlue2 project partners.

## Assessment of training needs

An online survey was circulated among Mediterranean MPAs prior to the training in order to identify the needs to improve skills and knowledge in the following topics:

- Knowledge and monitoring of the Small Scale Fisheries sector
- Economic sustainability of Small Scale Fisheries
- Stakeholders involvement in the Small Scale Fisheries governance within MPAs
- Capacity building and awareness-raising of key stakeholders on the management of fishing activities

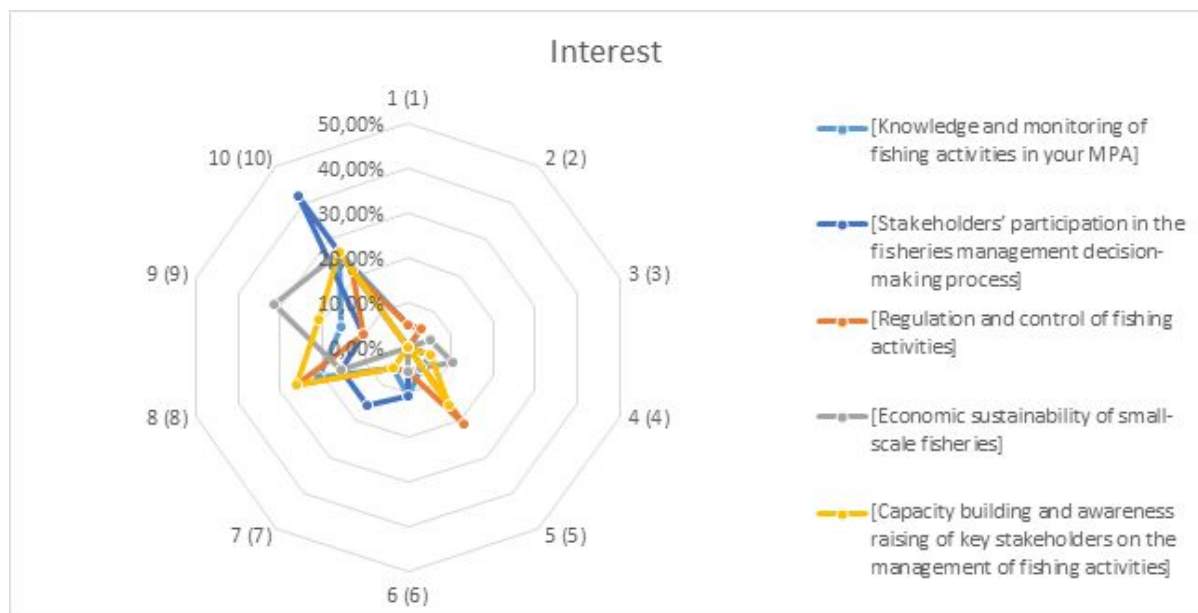
The online survey was circulated to 510 contacts among the targeted audiences, using Lime Survey online tool, and 80 responses were received (response rate 15,7%).

The results of this survey were collected in a report, discussed with the MedPAN Secretariat and used to define the training programme in detail, so as to match, as close as possible, the training needs expressed.

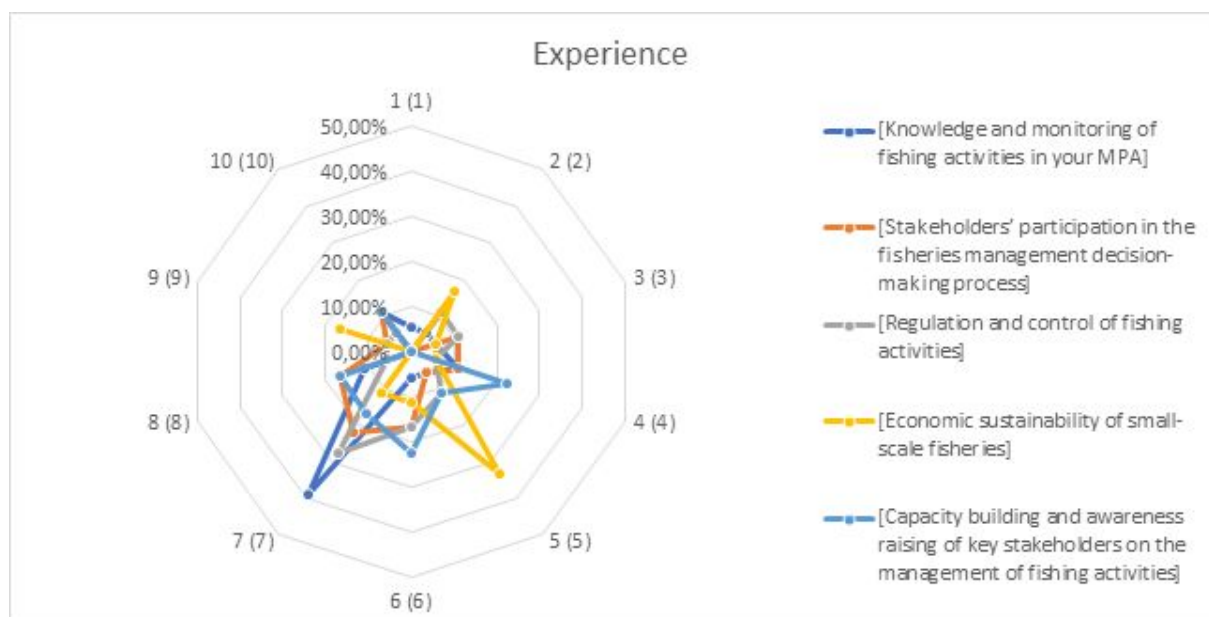
The aim of the questionnaire was to give to the speakers a picture of the trainees, with questions about the state of the fishery in their area, the incidence of categorized threats on fishing stocks in their area (for example: excessive fishing effort, climate change, tourism, exploration / extraction of oil and gas), the governance of the MPA Management Body on some management topics ) such as: conflicts between stakeholders, hindering illegal practices, implementation of fishing plans), the interest and their previous experiences on the Training topics described below, asking also their expectations on improving skills and knowledges in them.

It's important to highlight that the selection of the topics matched with the needs of the trainees. The interest on the topics was relevant, considering the declared experience in them (see the two following charts).

This first graph below reflects **the level of priority** given by respondents to the five management themes on which they were surveyed.



The second graph below shows the level of experience of respondents on the five management themes considered.



# Agenda

Monday 8 october - participants arrival	
20h30 <i>Dinner at restaurant Bočac</i>	
Tuesday 9 october – first day of the training	
9:00 - 9:30	Participants welcoming <ul style="list-style-type: none"> <li>• Signature of the attendance list</li> <li>• Welcoming speech (Milena Ramov, Telašćica MPA / Pierre Vignes, MedPAN, PP1)</li> <li>• Quick round of introductions (participants briefly introduce themselves)</li> </ul>
9:30 - 10:00	MAVA & FishMPABlue2 projects <ul style="list-style-type: none"> <li>• The Projects' framework, objectives and expected results (Pierre Vignes, MedPAN, PP1 &amp; Luca Santarossa, Federparchi, LP - 15')</li> <li>• Presentation of the training workshop objective and agenda (Pierre Vignes, MedPAN, PP1 / Francesco de Franco, consultant - 15')</li> </ul>
	Topic 1: <b>Knowledge and monitoring of the Small Scale Fisheries sector</b>
10:00 - 11:00	Session 1a <b>Monitoring Small Scale Fisheries in Marine Protected Areas.</b> Speaker: Antonio Di Franco - Antonio Calò ( <i>University of Nice, PP4</i> ) The methods developed and used to monitor Small Scale Fisheries landings in the framework of FishMPABlue 2 will be presented. Results about catches, revenues and incomes related to Small Scale Fisheries within and around the 11 Pilot MPAs will be presented. Finally, all attendees will participate to a practical session where the methods presented will be applied.
11:00 - 11:30	Coffee break
11:30 - 13:00	Session 1b <b>Monitoring Small Scale Fisheries in MPAs – practical session</b> Speaker: Antonio Di Franco - Antonio Calò ( <i>University of Nice, PP4</i> )
13:00 - 14:30	Lunch

14:30 - 15:20	<p>Session 1b</p> <p><b>Monitoring Small Scale Fisheries in MPAs – practical session (continued)</b></p> <p>Speaker: Antonio Di Franco - Antonio Calò (<i>University of Nice, PP4</i>)</p>
15:20 - 15:50	<p>Session 1c</p> <p><b>Monitoring Small Scale Fisheries in MPAs - Showcase of best practices</b></p> <ul style="list-style-type: none"> <li>Giuseppe Sieli, Egadi islands MPA <i>“Egadi islands” marine protected area and small scale fishery: a balance between the protection of the marine environment and sustainable development</i></li> <li>Francisco Gonzalo Sobrado Llompart, Es Freus Marine Reserve/Gen-GOB Eivissa <i>Collaboration with the fishing sector to carry out a monitoring program in marine reserves. Case study: es Freus Ibiza and Formentera</i></li> <li>Maria Trujillo, Cabo de Palos Marine Reserve</li> </ul>
15:50 - 16:00	<p>Session 1d</p> <p><b>Monitoring Small Scale Fisheries in Marine Protected Areas – Presentation of the Methodological guide for the monitoring of fisheries in Mediterranean MPAs</b></p> <p>Speaker: Reda Neveu (<i>MedPAN, PP1</i>)</p> <p>Participants will be introduced to MedPAN Methodological guide for the monitoring of fisheries in Mediterranean MPAs that is currently developed by the GIS Posidonie. As an example, a couple of protocol factsheets from the guide focusing on monitoring fishing effort will be circulated to the participants for review and feedback.</p>
16:00 – 16:30	<p>Session 1e</p> <p><b>Monitoring Small Scale Fisheries in Marine Protected Areas - Questions &amp; Answers</b></p>
16:30 - 16:45	Coffee break
	<p>Topic 2</p> <p><b>Economic sustainability of Small Scale Fisheries</b></p>
16:45 - 17:45	<p>Session 2a</p> <p><b>Certification and ecolabeling towards sustainability in SSF - The involvement of fishing communities and the “Slow Food Presidia” experience</b></p> <p>Speaker: Paula Barbeito Morandeira (<i>Slow Fish International Coordinator at Slow Food Foundation for Biodiversity</i>)</p> <p>The objective of this session is to explore experiences that can exploit small-scale coastal fishing from an economic point of view. The action of the</p>



	<p>Slow Food Foundation concerning the "Presidia" linked to fish products represents an important experience, above all because of the impact these have had on producers, in terms of sustainability and economic gain. The "Presidium" can represent, for the communities of fishermen and aquacultors linked to the Mediterranean marine protected areas, an opportunity to guarantee the environmental and economic sustainability of their products, as well as a growth of their awareness of their centrality.</p>
17:45 – 18:15	<p>Session 2b</p> <p><b>Economic sustainability of SSF - Showcase of best practices</b></p> <ul style="list-style-type: none"> <li>Gilles van de Walle - FARNET Support Unit <i>FLAGs and MPA's: territorial development meets territorial management</i></li> <li>Yassine Skandrani - Secretary General of Plateforme Maghrébine de la Pêche Artisanale <i>Traceability, quality and digital technology for responsible and sustainable consumption of artisanal fisheries products around Marine Protected Areas</i></li> </ul>
18:15 – 18:30	<p>Session 2c</p> <p><b>Economic sustainability of SSF - Questions &amp; Answers</b></p>
20:00	Dinner at restaurant Propuh
Wednesday 10 October – second day of the training	
	<p>Topic 3</p> <p>Involving stakeholders in the Small Scale Fisheries governance within MPAs</p>
09:00 – 10:00	<p>Session 3a</p> <p><b>Involving stakeholders in the SSF governance within MPAs - FishMPABlue2 SSF Tested Governance toolkit</b></p> <p>Speaker: Luca Santarossa (<i>Federparchi, LP</i>)</p> <p>The "SSF Governance toolkit" – developed in FishMPABlue1 project - is a list of management measures for improving the sustainability of SSF within and around an MPA. In the framework of FishMPABlue2 project most of these measures have been tested by 11 pilot MPAs, and main results will be presented and discussed</p>
10:00 – 11:00	<p>Session 3b</p> <p><b>Involving stakeholders in the SSF governance within MPAs - Showcase of best practices</b></p> <ul style="list-style-type: none"> <li>Francesco de Franco - Torre Guaceto MPA <i>Developing cooperation with small scale fishers to reduce fishing effort</i></li> <li>Leila Seddiki, Manager Cap Roux MPA <i>The "Cantonement of Cap Roux": a marine protected area created and managed directly by fishermen</i></li> <li>Eric Charbonnel - Scientific Officer at Côte Bleue Marine Park</li> </ul>

	<p><i>The Côte Bleue Marine Park: an MPA based on a strong partnership with small-scale fishers for 35 years</i></p> <ul style="list-style-type: none"> <li>• Josipa Grbin, Senior advisor for education Telašćica Nature Park <i>Involving stakeholders in the SSF governance within Telašćica MPA</i></li> </ul>
11:00 - 11:30	Coffee break
11:30 – 12:30	<p>Session 3b</p> <p><b>Involving stakeholders in SSF governance within MPAs - Showcase of best practices</b></p> <ul style="list-style-type: none"> <li>• Vahdet Ünal, member and co-founder of Mediterranean Conservation Society <i>Stakeholder partnership for a better MCS in SSF: the case of Gökova MPA, Turkey</i></li> <li>• Antonis Petrou, Scientific Advisor Pancyriot Association of Professional Fisherman <i>Cape Greko MPA: Stakeholder Interactions and Issues</i></li> <li>• Houssine Nibani, AI Hoceima National Park (AGIR - Association de Gestion Intégrée des Ressources) <i>Innovation for Sustainable Management of Marine Resources in AI Hoceima National Park</i></li> </ul>
12:30 - 13:00	<p>Session 3c</p> <p><b>FishMPABlue2 SSF Tested Governance toolkit - Questions &amp; Answers</b></p>
13:00 - 14:30	Lunch
	<p>Topic 4</p> <p>Capacity building and awareness-raising of key stakeholders on the management of fishing activities</p>
14:30 - 15:15	<p>Session 4a</p> <p><b>Design and realisation of an awareness campaign focusing on sustainable fishing</b></p> <p>Speaker: Martina Šubašić (<i>Communications and corporate relations officer, WWF Adria, PP3</i>)</p> <p>Participants will be introduced to how to set up and implement an awareness campaign, using examples as Fish Forward, a WWF campaign.</p>
15:15 -16:00	<p>Session 4b</p> <p><b>Design and realisation of an awareness campaign focusing on sustainable fishing – Practical session</b></p> <p>Speaker: Martina Šubašić (<i>Communications and corporate relations officer, WWF Adria, PP3</i>)</p> <p>During the practical session participants will be divided in workgroups to design an awareness campaign, choosing the topic, the goals, the target</p>



	audience, the actions and the tools, the needed budget and the key messages.
16:00 – 16:30	Coffee break
16:30 – 17:00	Session 4: <b>Capacity building and awareness-raising of key stakeholders on the management of fishing activities - Questions &amp; Answers</b>
17:00 - 17:30	Session 5 <b>Closure of training workshop</b> Final discussion Training evaluation
17:30 - 19:00	<b>FishMPABlue2 WP3 coordination meeting</b> Participation restricted to project partners PMs
20:00	Dinner in restaurant Konoba kod Sipe

## Presentations and training materials

The presentations and training materials can be found at [this link](#).

The needed materials for the trainees was circulated before and during the training and organized and stored in the MedPAN Google Drive cloud space, to be available for the trainees also after the workshop.

## Sessions set up and contents

The sessions were organized considering the typology of the activities (front session or working groups) in order to improve the effectiveness of the training action (see pictures below).



Training sessions were organised in thematic modules including a general theoretical presentation and showcasing MPA case studies. Each session also included a dedicated time for Q&As and discussion.

To increase the involvement of the trainees, some sessions included practical hands-on activities:

- In session 1-b on “**Monitoring Small Scale Fisheries in MPAs**”, the protocol developed as part of the Interreg Med FishMPABlue2 Project was practically demonstrated in the field, with the involvement of MPA Telašćica fishermen and staff of the Nature Reserve (see picture below). Participants were then introduced to the processing and analysis of landing data on open source software [imageJ](#).
- In session 4b “**Design and realisation of an awareness campaign focusing on sustainable fishing**”, the participants divided in working groups to elaborate an awareness campaign targeting an issue of their choice. Each group presented to the results of their work in a plenary session.







## Participants

The training gathered close to 60 people, MPA managers (including 10 of the 11 FishMPABlue2 pilot sites), project partners, fishers, and scientists from 14 Mediterranean countries.

### FishMPABlue2 project partners and pilot sites

First Name	Last Name	Organisation	Country	Email
Mouna	Abaab	WWF Med	TUNISIA	mabaab@wwfna.org
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		reserve		
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Francesco	de Franco	Torre Guaceto MPA	ITALY	segreteria@riservaditorreguaceto.it
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Antonio	DI FRANCO	University of Nice	FRANCE	difry@libero.it
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Emilie	Grimaud	MedPAN Secretariat	FRANCE	emilie.grimaud@medpan.org
Kate	Hogg	WWF Med	ITALY	khogg@wwfmedpo.org
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Reda	NEVEU	MedPAN Secretariat	FRANCE	reda.neveu@medpan.org
Luca	SANTAROSSA	Federparchi	ITALY	luca.santarossa@parks.it
Leila	SEDDIKI	ACPCR - Association du Cantonement de Pêche du Cap Roux	FRANCE	associationcaproux@gmail.com
Giuseppe	Sieli	Egadi islands MPA	ITALY	g.sieli@ampisoleegadi.it
Francisco Gonzalo	SOBRADO LLOMPART	Es Freus Marine Reserv/Gen-GOB Eivissa	SPAIN	fransobrado33@hotmail.com
Marta	Sostres	MedPAN Secretariat	FRANCE	sostres.marta@gmail.com
Martina	Subasic	WWF Adria	CROATIA	msubasic@wwfадria.org
Maria	Trujillo	Cabo de Palos / Islas Hormiga	SPAIN	mar88ytruji@gmail.com
Pierre	Vignes	MedPAN Secretariat	FRANCE	pierre.vignes@medpan.org

## Other MPAs and participants

First Name	Last Name	Organisation	Country	Email
Laura	Amighetti	MedPAN	ITALY	amilau@libero.it

Paula	Barbeito Morandeira	Slow Food Foundation for Biodiversity	ITALY	p.barbeito@slowfood.it
Patrick	Bonhomme	Parc national des Calanques	FRANCE	patrick.bonhomme@calanques-parcnational.fr
Mohammed	Bourouis	Direction de la pêche et des ressources halieutiques de la wilaya de Jijel	ALGERIA	cousteaucousteau@gmail.com
Rabah	Boutekrabet	Parc National de Gouraya	ALGERIA	boutek06@yahoo.fr
Timuçin	Dinçer	WWF Turkey	TURKEY	TDincer@wwf.org.tr
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Ana	Miletic	Head of the Section for Management Plans and Programs, Protected Areas Department	CROATIA	karla.fabriocubric@haop.hr
Houssine	Nibani	MPA of Al Hoceima National Park (AGIR - association de gestion intégrée des ressources)	MOROCCO	agirnibani@gmail.com
fisherman			MONTENEGRO	
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Antonis	Petrou	Cavo Greco MPA	CYPRUS	apmarine@valicom.com.cy
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Dusan	Varda	MedCEM	MONTENE GRO	vardad@yahoo.com

## Evaluation of training results

After the training, the consultant (Mydas team) who was appointed to provide support to the training conducted an evaluation, with a questionnaire for training participants and facilitators to assess the learning experience and value of content of a specific training.

The evaluation was spreaded to all participants, in paper form and through the online tool. The rate of responses was **67.30%** (35 on 52).

The evaluation of a training programme aimed to:

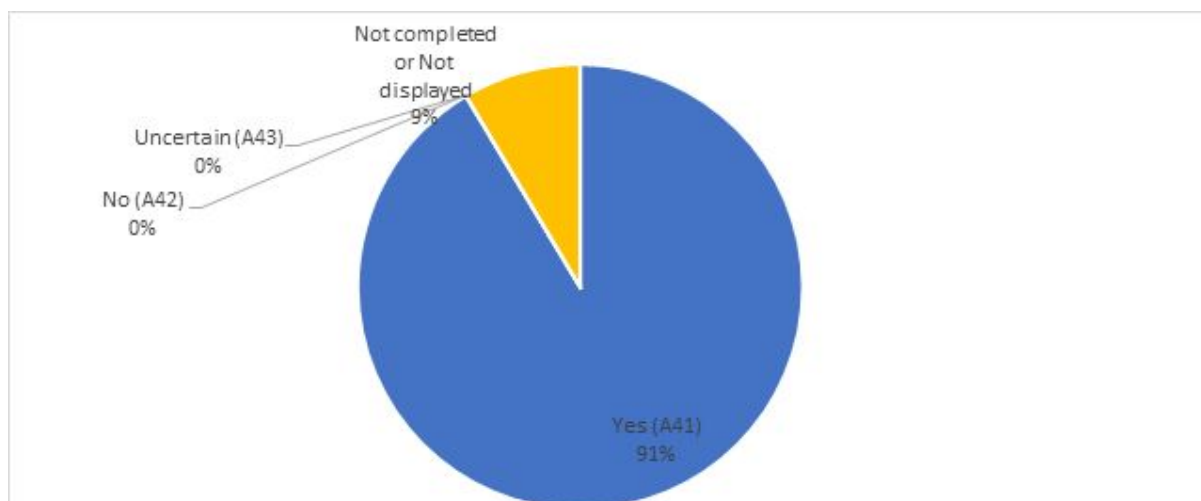
- Provide information for improvement of the training methods
- Identify the program strengths and weakness
- Assess the program's contribution to the improvement of the skills
- Identify the most and least benefitted trainees

The themes of the training evaluation were:

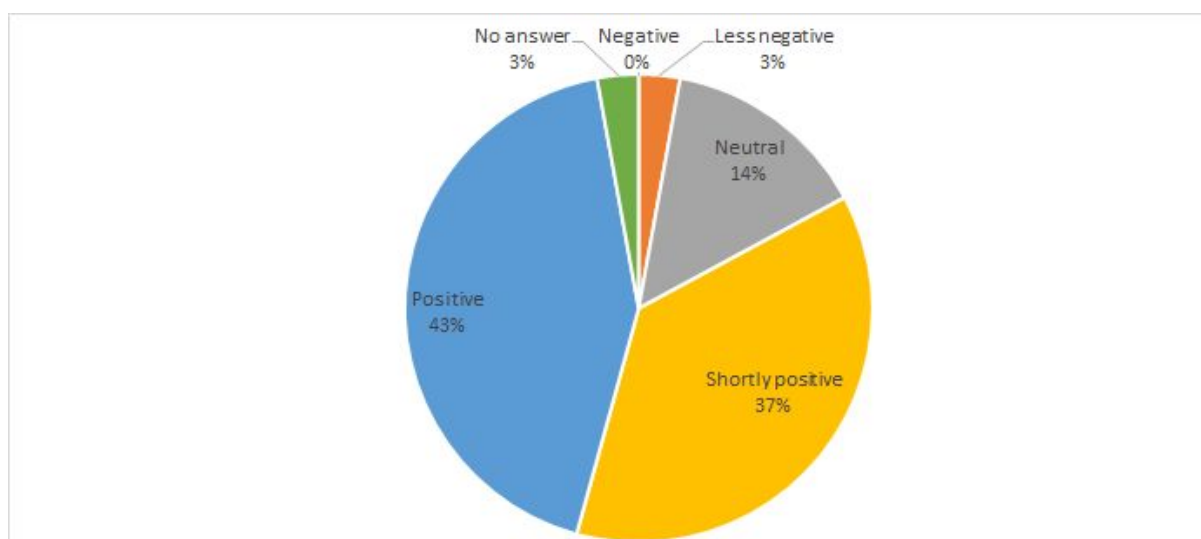
1. **Satisfaction and Participant reaction:** Satisfaction evaluation is the most basic measure for assessing the success rate of any training. For this purpose, the team included in the survey at the end of the course, questions to test the reaction of the participants in relation with methods for teaching, learning environment and satisfaction towards the instructors and the course
2. **Knowledge and skills acquisition:** it is the second level of the training evaluation and involves the examination as the attachment of the training course to check that how much the participants have learned from the training course.
3. **Behavioural Application:** The survey included a part in which the trainees will explain if the experiences known during the program will be applied in their areas.

The complete results of the training assessment can be consulted at [this link](#).

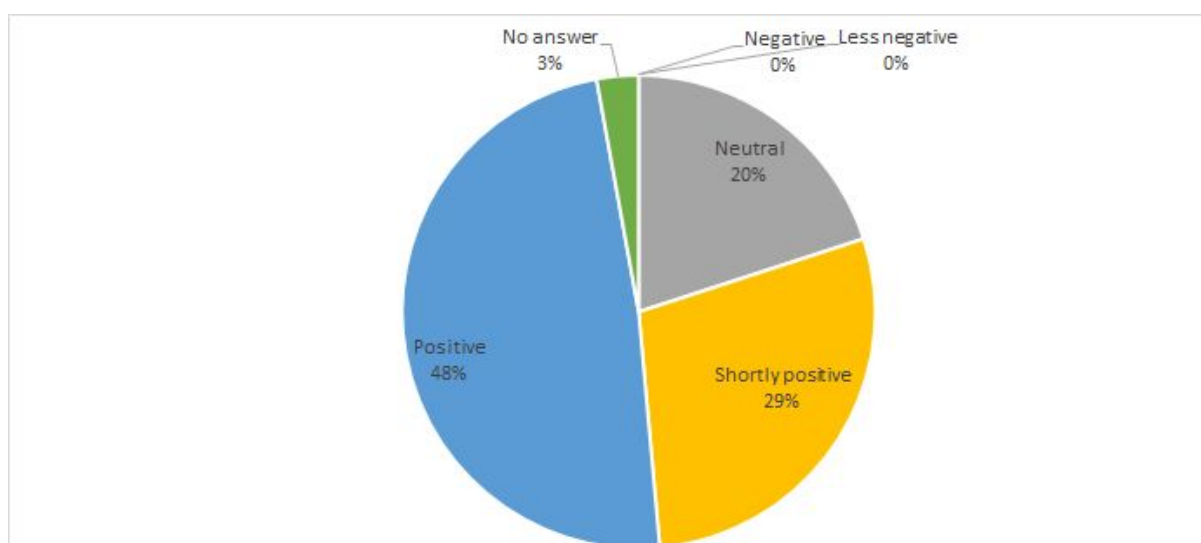
In general terms the training workshop has acquired positive evaluations in all the aspects analysed. If we point the question **Do you believe that the strengths of this training experience are greater than the weaknesses?** the positive answers reached 91% (see chart below)



The training course has responded, in terms of contents, to initial expectations, as shown in the graph below:

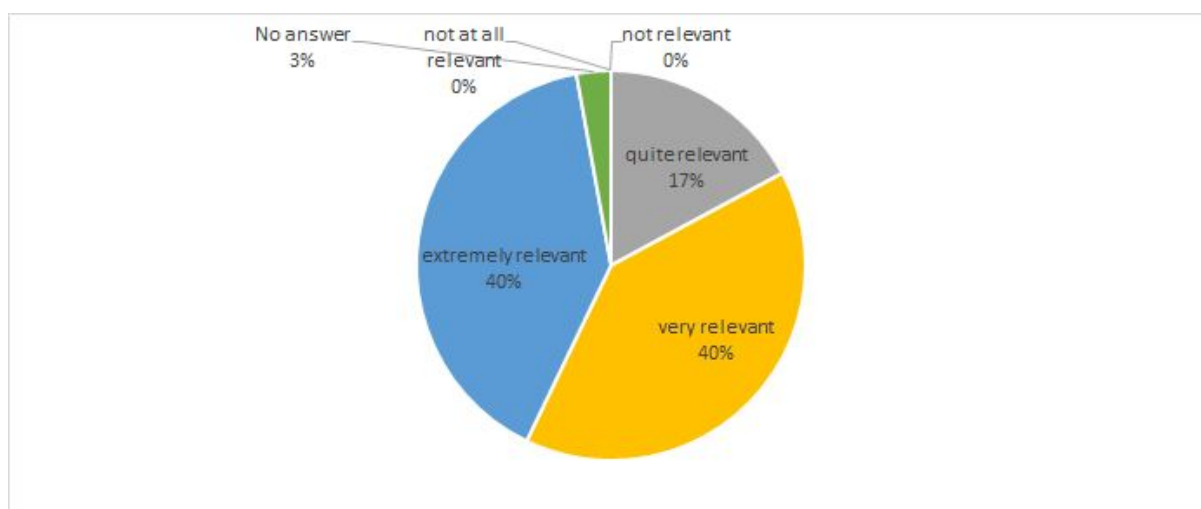


The selection of the contents was, indeed, positive, considering the background of the participants and their professional interests (below):

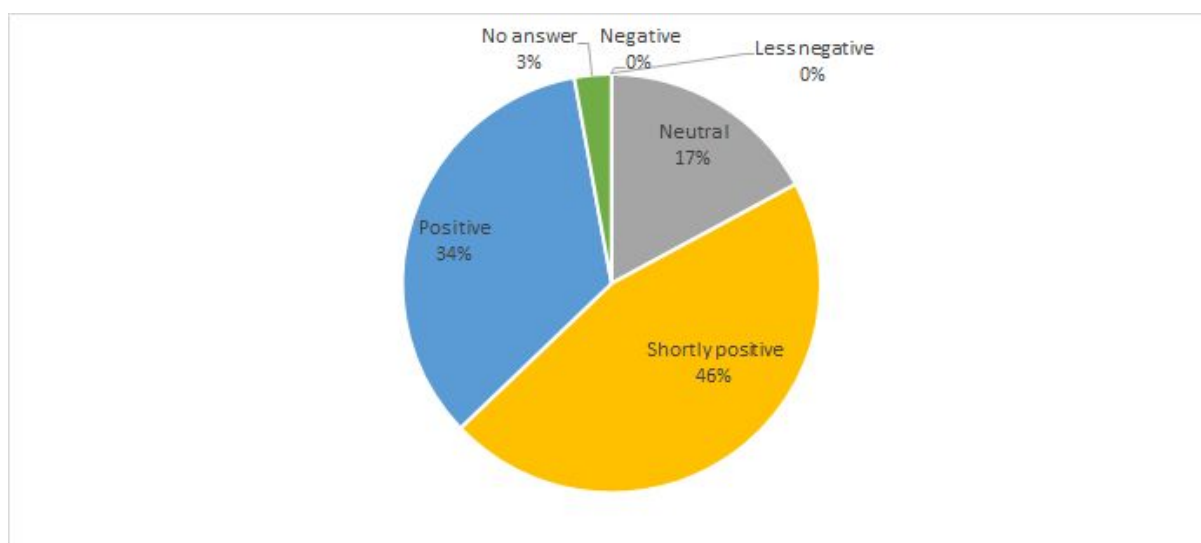


Two other aspects are really important, to evaluate the relevance and usefulness of the training contents.

First, the applicability of the topics covered in its own area. 80% of the participants considered what they learned during the training useful to be applied in their context.



Second, the evaluation of the improving of the skills. Also in this case, 80% of the participants considered that the participation in the training activity played a positive role in improving their skills:



## Ways of improvement

Some critical points were raised by the participants, that will be considered for improving future trainings, and can be summarized as follows:

- The number of interventions was too high compared to the time available; this has caused, or a failure to meet the agenda times, or a difficulty to obtain the expected exchanges after the presentations. In fact, some of the participants suggested to have more days available for the training;

*Ways of improvement: The training program was indeed ambitious given the time available (2 days). Another day would be needed for a Regional training workshop showcasing experiences from around the basin.*

- Having a greater presence of fishermen to listen to their stories and the possibility of discussing the "bad practices", that is (i.e. failures in MPAs).

*Ways of improvement: It is always complicated to mobilize fishers, especially at certain times of the year that are important for their activity. It will be essential to better target the periods when fishers can make themselves available. In addition, we agree on the proposal to highlight "bad practices" besides good ones, as it is true that we learn at least as much from failures as from successes.*

- Difficulty in reaching the place of training (both from a logistic and economic point of view).

*Ways of improvement: Organizing exchange activities as close to the field as possible is a deliberate choice for MedPAN, which is true but can sometimes be challenging in terms of logistics (especially in an island).*



# Partnership

The **FishMPABlue2 Toolkit transfer regional training course** was organised by MedPAN (PP1) in association with Telašćica Nature Park, back to back with MedPAN Regional training workshop on the management of Small Scale Fisheries in MPAs.

*Organised by:*



*With the support of:*



Project co-financed by the European Regional Development Fund



AGENCE FRANÇAISE  
POUR LA BIODIVERSITÉ  
MINISTÈRE DE L'ENVIRONNEMENT



Conservatoire du  
littoral



\* UNEP/MAP through the «MedMPA network» project financed by the European Union

