



Macaronesian Maritime Spatial Planning

MARSP 3RD CAPACITY BUILDING WORKSHOP

MSP platforms

3rd WS: M20 / 3rd WSRep: M21

November 2019



Coordinated by



Funded by



Partners



WP name	MSP data interoperability and MSP Platforms
Task name	MSP Issues Capacity building,
Deliverable Name	MarSP 3 rd CAPACITY BUILDING WORKSHOP
Due Date of deliverable	November 2019
Actual submission Date	November 2019
Citation	Abramic A, Haroun Tabraue R. 2019. MarSP 3rd Capacity Building Workshop – MSP platforms. Deliverable - D.5.2., under the WP5 of <i>MarSP: Macaronesian Maritime Spatial Planning</i> project (GA n° EASME/EMFF/2016/1.2.1.6/03SI2.763106).

Document Information	
Document Name	MarSP 3 rd Capacity Building Workshop – MSP platforms
Document ID	C-3PO - 3rd WS: M20 / 3rd WSRep: M21
Version	1.0
Version Date	29/11/2019
Author(s)	Andrej Abramic, Ricardo Haroun
Dissemination Level:	Public

Summary
<p>MarSP project is a perfect opportunity to finalize MSP data model development and deliver MSP platforms that will support MSP process in Macaronesia. Within the two years were delivered series of capacity building workshops:</p> <ol style="list-style-type: none"> 1. Data management related to the Maritime Spatial Planning 2. MSP INSPIRE data model 3. MSP platforms <p>As MSP platforms are delivered for the use of the stakeholders and policy/decision makers, third capacity building were open for general public - potential platform users. To reach as possible most of users, this workshop was merged with D.4.9. Final Stakeholder's Workshop in the Canary Islands. Participants were informed about all three MSP platforms (Canaries, Azores and Madeira). what is a current content and how to use it.</p>

Table of contents

MarSP 3rd Capacity Building Workshop – MSP platforms	5
Introduction	5
Capacity building content	6
MSP platform Canaries	8
Workshop agenda	11

MarSP 3rd Capacity Building Workshop – MSP platforms

Introduction

The objective of the Work Package 5 - *MSP data interoperability and MSP Platforms* is to improve data management for the process of the Maritime Spatial Planning, applying INSPIRE Directive 2007/02/EC principles for sharing and collecting spatial data and information.

Project partners were trained during two capacity building workshops:

First one on data management applied for MSP, on INSPIRE principles, network services, metadata development; and second one workshop was on developed MSP INSPIRE data model. During each of workshop were delivered at least one “Hands On” session, where participants could apply with real use case presented theoretical knowledge. The project partners were learned to use spatial data infrastructure, network services for sharing data and metadata, and apply INSPIRE compliant data model, finalized with MarSP project for Maritime Spatial Planning.

Third capacity building was focusing on developed Macaronesian MSP platforms and stakeholders as a potential users of developed systems. The idea of third capacity building workshop were to inform MSP process stakeholders of current content of the three MSP platforms (Azores, Madeira and Canaries) and provide demonstration of the operational systems. All systems, applications included in the platforms are user friendly, and we found demonstration more than enough to fill with capacity building requirements.

Due the target audience, 3rd capacity building were merged with final Canary Islands stakeholder workshop, that assured proper audience and potential users participation.

Capacity building content

Capacity building as focused on the MSP stakeholders were mainly delivered with brief presentation and mainly on-line demonstration. Demonstration included “walk” within the MSP platform, opening number of applications that are publicly available for anyone who have an interest on MSP process and access the platform.

As capacity building were delivered during the stakeholder workshop at Las Palmas de Gran Canaria, in the session were presented in detail MSP platform Canarias (Figure 1).



Figure 1 - MSP Platform Canarias

In addition were briefly explained MSP platform Azores and MSP Madeira Centralized Management System (Figure 2).

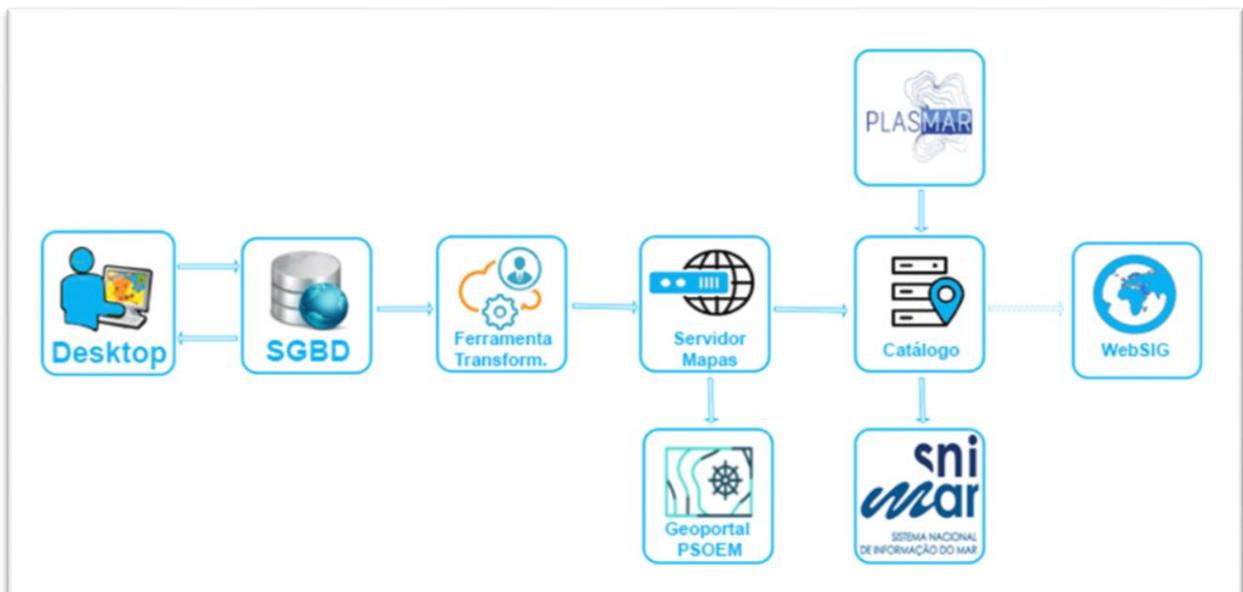


Figure 2 - Madeira Centralized Management System architecture presented on the workshop

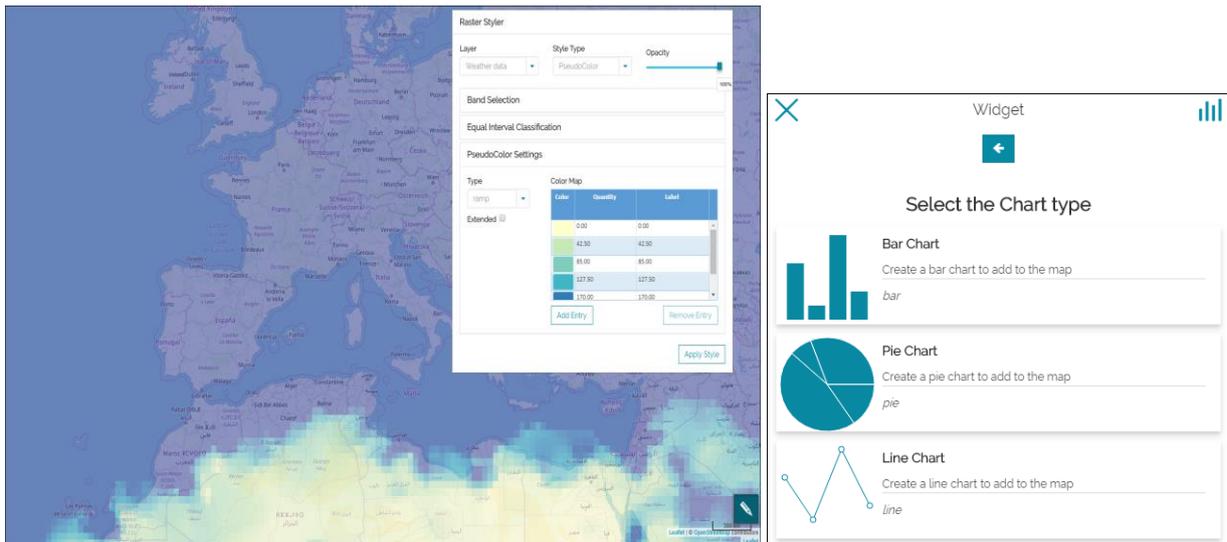


Figure 3 - screen shots from the Azores MSP platform

Widget

Select the Chart type

- 

Bar Chart
Create a bar chart to add to the map
bar
- 

Pie Chart
Create a pie chart to add to the map
pie
- 

Line Chart
Create a line chart to add to the map
line

MSP platform Canaries

The Canary Islands MSP platform is designed as landing web page focused on the MSP process in the Canary Islands. The platform serves as the entry point to link diverse contents related to MSP. The content goes beyond the results of the MarSP project and includes information delivered with more than one initiative. The platform is dynamic with contents that are easy to add and easy to exclude, with a simple and easy to handle design. The Canary Islands MSP platform can be easily maintained, and eventually will be functional beyond 2020.

Canary Islands MSP platform is available at: <http://www.geoportal.ulpgc.es/marsp/>

To the participants were demonstrated applications included in all six sections:

1. MSP geo - viewers :

It is demonstrated geo viewers with spatial information relevant for the MSP process, including the MSP in Canaries viewer that include spatial information on current maritime uses in Canaries archipelago.

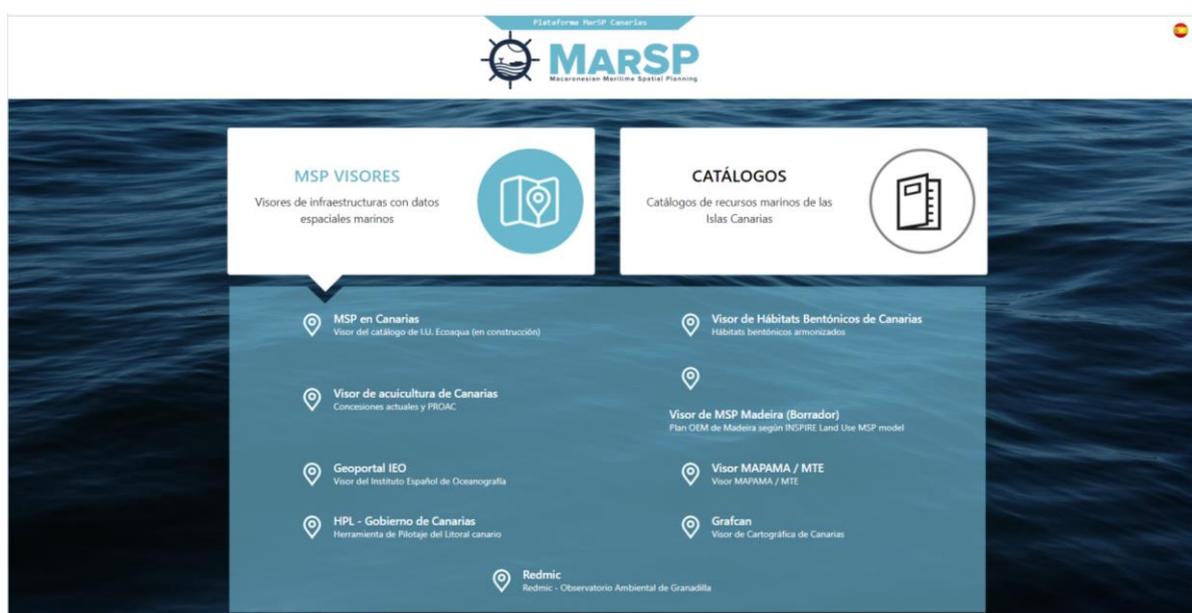


Figure 4 – Section MSP Geo- viewers

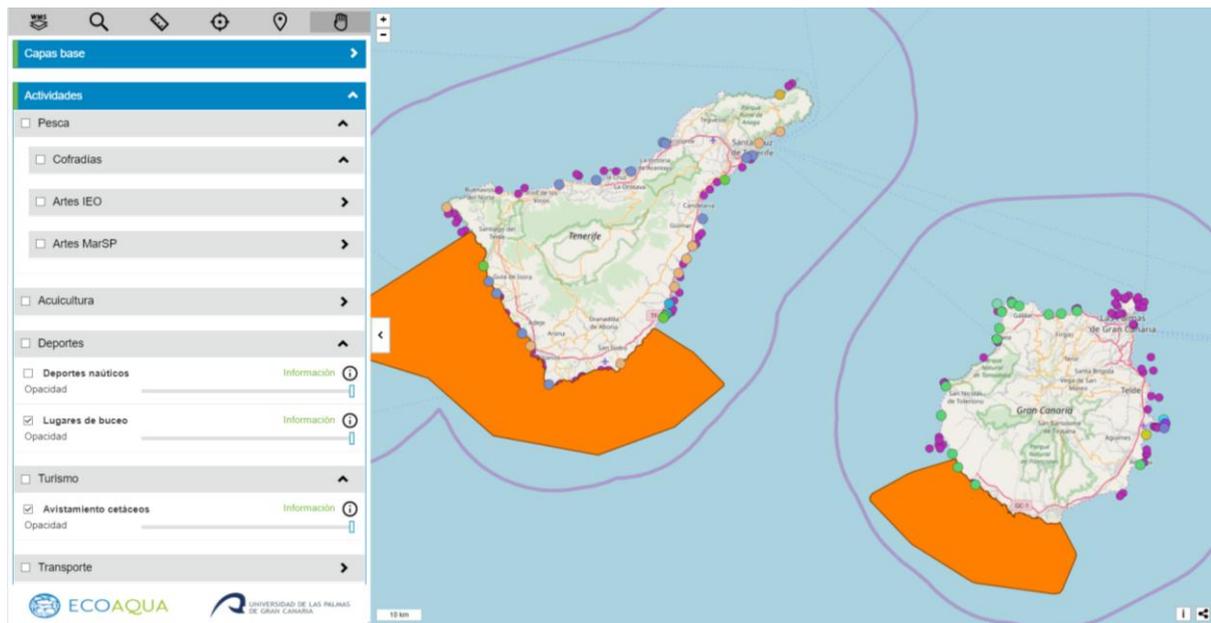
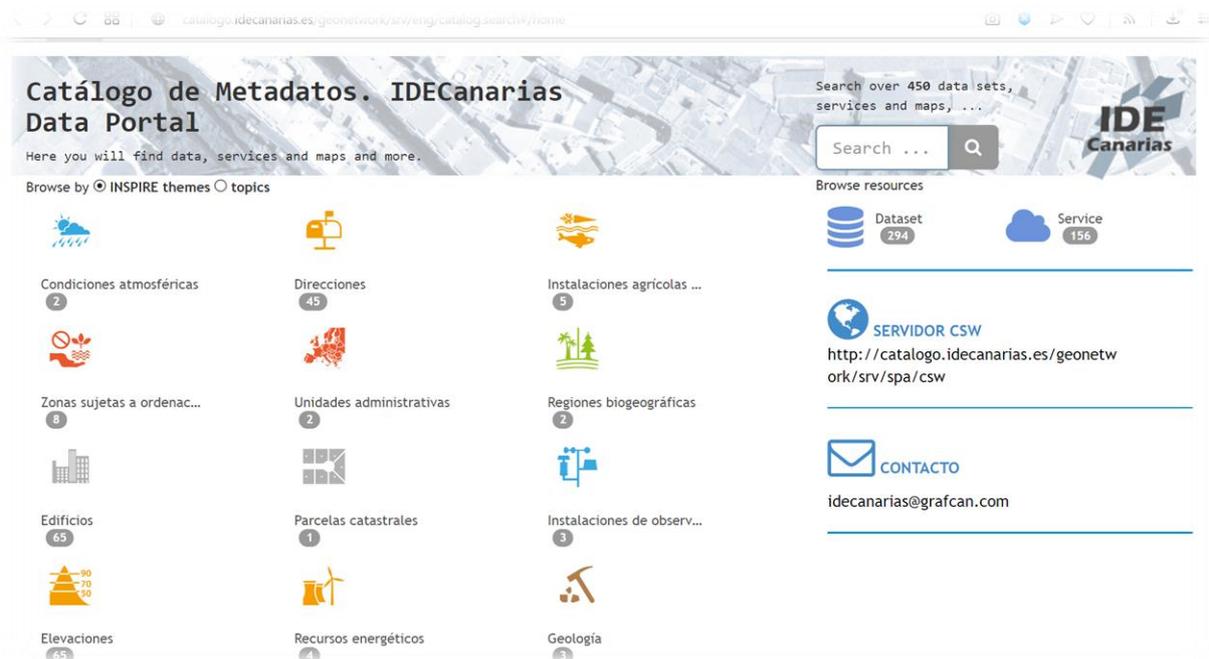


Figure 5 -MSP Canarias geo-viewer

2. Metadata catalogues

It is explained briefly purpose of the metadata catalogues, and how is possible to search semantically to obtain the datasets. It is demonstrated use of catalogues within the GRAFCAN catalogue.



3. MSP Tools

Explained use of the decision support system INDIMAR, MSP tool developed with PLASMAR project.



Figure 6 - INDIMAR preliminary results on suitability of maritime sectors

4. Relevant projects

In this section is mentioned relevant project for MSP process in Canarias, as projects PLAMSAR, MISTIC Seas, INDIMARES...and pointed on the links that are available in this section.

5. Relevant projects & Events and News

Participants were informed that these two sections include news that will be delivered by different projects and institutions in Canarias.

Workshop agenda



Proyecto MarSP (Macaronesian Maritime Spatial Planning) - Informar, discutir y capacitar sobre la Ordenación Espacial Marina en las islas Canarias

06 de noviembre de 2019

Sede:

Sala de Piedra, Sede Institucional de la Universidad de Las Palmas de Gran Canaria, Juan de Quesada, 30, 35001 Las Palmas de Gran Canaria.

Horario: 09:00 a 13:30 h.

PROGRAMA DE TRABAJO

09:00 - 09:30: Recepción Asistentes

09:30 - 09:35: Palabras de bienvenida y apertura del taller

09:35 - 10:05: El proyecto MarSP un enfoque común en la Macaronesia
Dña. Luz Paramio, Coordinadora del proyecto MarSP, FRCT, Azores

10:05 - 10:25: Avances en la Ordenación Espacial Marina en las Islas Canarias (proyecto MarSP)
D. Ricardo Haroun Tabraue, IU-ECOQUA, ULPGC y
Dña. Inmaculada Herrera Rivero, Investigadora proyecto MarSP, IU-ECOQUA, ULPGC

10:25 - 11:05: Dificultades en la actualización del cartografiado de los usos marinos existentes en Canarias
D. Jaime Ezequiel Rodríguez Riesco, Investigador proyecto MarSP, IEO
Futuros resultados aportados por el IEO en el proyecto MarSP
Dña. M. Olvido Tello, IEO
Guías de Ordenación del Espacio Marítimo para la Macaronesia (Roadmaps)
D. Mario Cañía Varona, Investigador proyecto MarSP, IEO

11:05 - 11:30: Pausa - café

11:30 - 12:00: Construyendo el océano macaronésico europeo: un enfoque desde la cooperación para la planificación espacial marina
D. Víctor Cordero Penín, Investigador proyecto MarSP, Universidad de Cádiz

12:00 - 12:30: WPs: Desarrollo de las plataformas de Marine Spatial Planning de la Macaronesia (MSP)
D. Andrej Abramic, Investigador proyecto MarSP y Plasmar, IU-ECOQUA, ULPGC

12:30 - 13:00: Estado actual de la Ordenación Espacial Marina en España, con especial atención a la demarcación marina canaria
Dña. Sagrario Arrieta, Ministerio para la Transición Ecológica

13:00 - 13:15: Síntesis final proyecto MarSP

13:15 - 13:30: Clausura de la jornada

