



Interactive Web-GIS Application

User's Manual



Municipality of
Molfetta



Municipality of
Termoli



PORT HEDGE NAV

1 Introduction

The Web-GIS platform is a tool developed in the context of the project Nautical tourism development and promotion of regional ports, with the acronym REGLPORTS. The project was implemented in the context of the Interreg IPA CBC Italy-Albania-Montenegro Programme, co-funded by the European Union through the Instrument for Pre-Accession (IPA II).

The web-GIS was designed to have an intuitive UI (User Interface) in order to assist every category of users, from starters all the way to experienced ones.

The home page of the web-GIS can be found at: <https://reglports-gis.eu/>. Alternatively, the web-GIS can be accessed through the REGLPORTS platform, found on <https://reglports.eu/>.

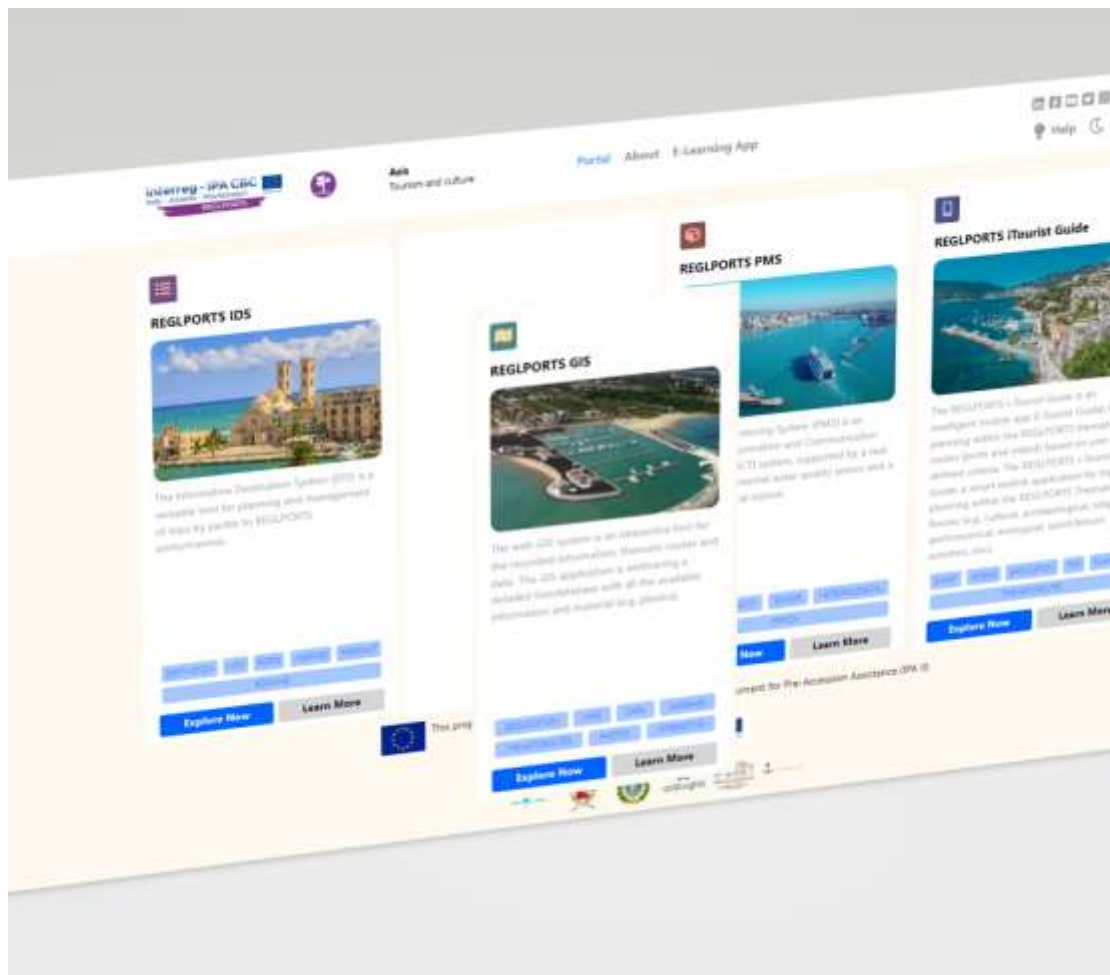


Figure 1: Web-GIS on REGLPORTS Platform

This document is intended as a user support document for the use of the Web-GIS.

2 Starting-Out & Language Selection

Irrespectively of how the user accesses the Web-GIS he/she will be greeted by the following starting page.

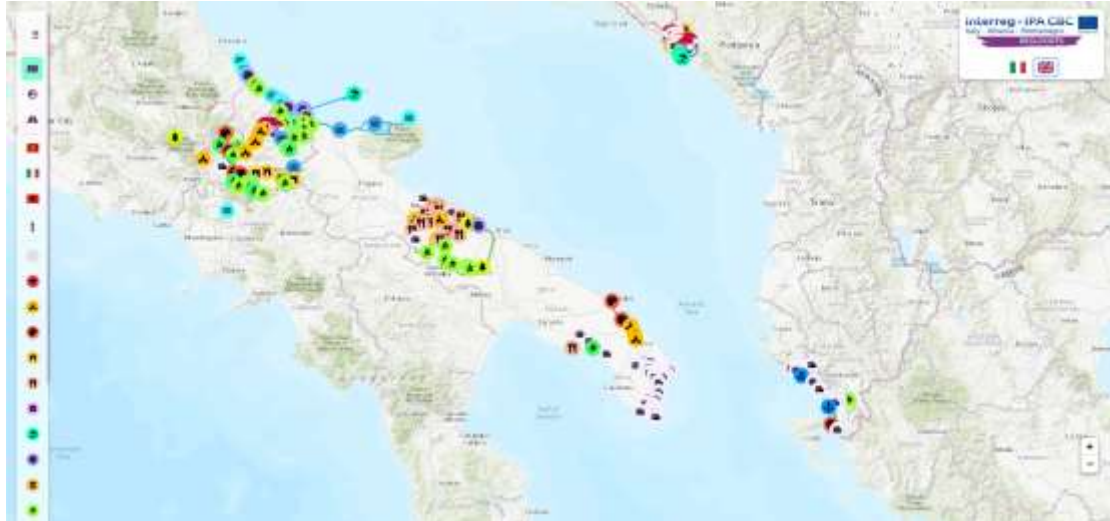


Figure 2: Home Page

The starting page highlights the area of intervention of the REGLPORTS project and the Thematic Routes created in Italy, Albania and Montenegro.

On the left of the screen, the user can access the Web-GIS Toolbar which by default is collapsed. On the right side there is the Project's logo which gives access to the Project Website and the outputs of the Project.

Just beneath the Project's logo there is the language selection, accessible simply by clicking the respective flag.



Figure 3: Project Logo & Language Selection

3 Web-GIS Toolbar

The Web-GIS Toolbar is the control screen of the tool as it provides access to all the options offered by the platform except that of language selection.

The Web-GIS Toolbar is simply accessed, by hovering the mouse over the Toolbar.



Figure 4: Web-GIS Toolbar

The top side of the Toolbar, offers the various mapping options, i.e., how the map is visualized on the main screen. The options are Map, Satellite and Streets.

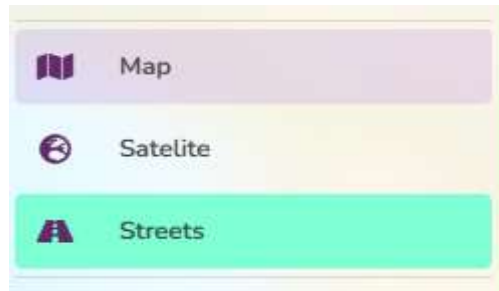


Figure 5: Mapping options



Figure 6: Map Visual



Figure 7: Satellite Visual



Figure 8: Street Visual

Just below the Map visualizing options, there are selections for the three (3) countries.

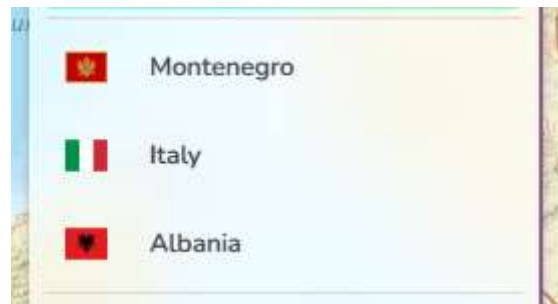


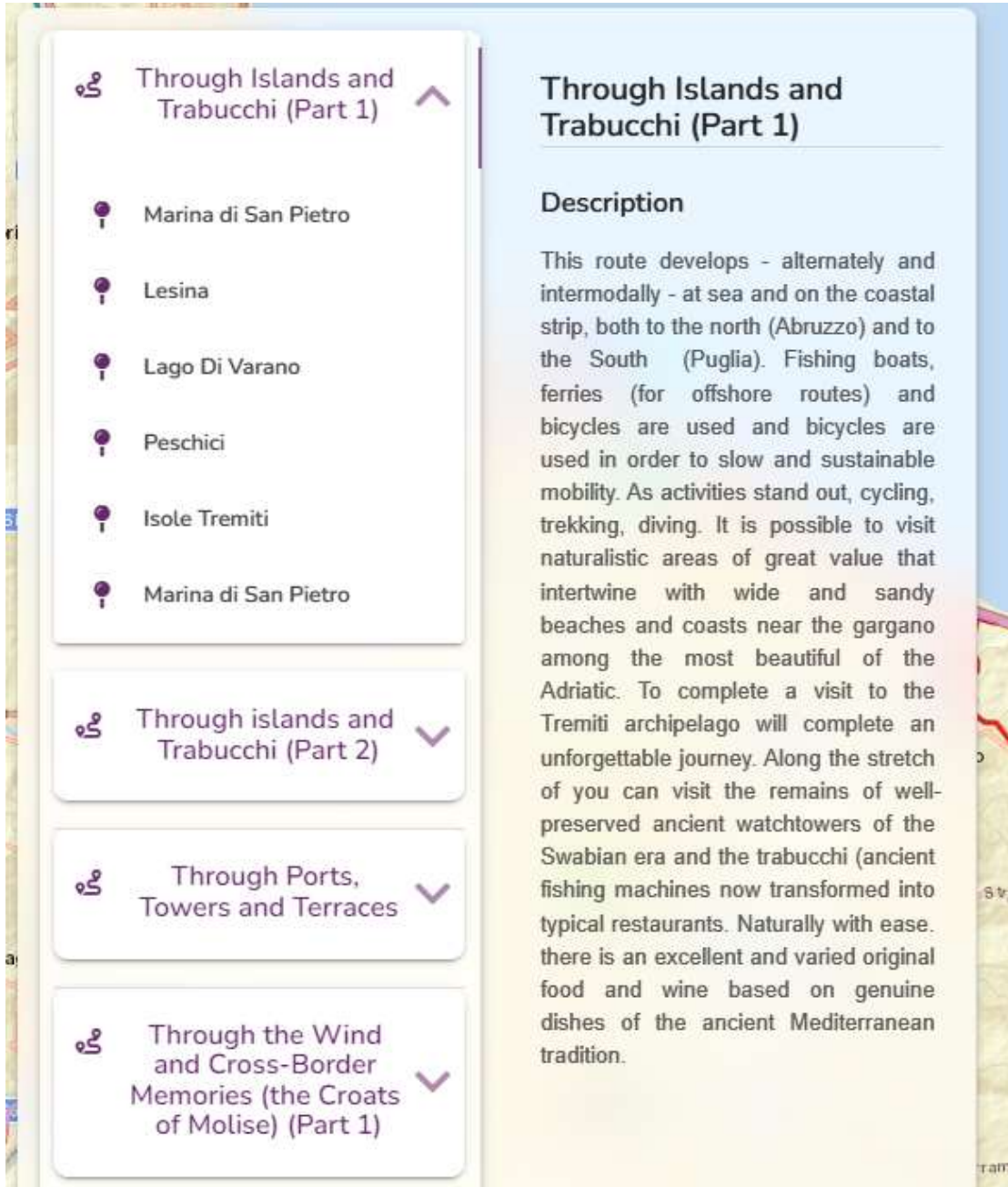
Figure 9: Country selection

When the user selects an option, the system brings up the menu of thematic routes relative to each country.



Figure 10: Thematic routes (Italy)

At this point the user can select a specific route which brings forward overall information on the selected route and provides a breakdown of the points of interest that comprise the specific route.



The screenshot shows a user interface for selecting travel routes. On the left, there is a list of route options, each with a location icon and a title. The first option, 'Through Islands and Trabucchi (Part 1)', is selected and expanded to show a list of points of interest: Marina di San Pietro, Lesina, Lago Di Varano, Peschici, Isole Tremiti, and Marina di San Pietro. Below this are three other route options: 'Through islands and Trabucchi (Part 2)', 'Through Ports, Towers and Terraces', and 'Through the Wind and Cross-Border Memories (the Croats of Molise) (Part 1)'. On the right, a detailed description for the selected route is displayed under the heading 'Description'. The description text is as follows:

Through Islands and Trabucchi (Part 1)

Description

This route develops - alternately and intermodally - at sea and on the coastal strip, both to the north (Abruzzo) and to the South (Puglia). Fishing boats, ferries (for offshore routes) and bicycles are used and bicycles are used in order to slow and sustainable mobility. As activities stand out, cycling, trekking, diving. It is possible to visit naturalistic areas of great value that intertwine with wide and sandy beaches and coasts near the gargano among the most beautiful of the Adriatic. To complete a visit to the Tremiti archipelago will complete an unforgettable journey. Along the stretch of you can visit the remains of well-preserved ancient watchtowers of the Swabian era and the trabucchi (ancient fishing machines now transformed into typical restaurants. Naturally with ease. there is an excellent and varied original food and wine based on genuine dishes of the ancient Mediterranean tradition.

Figure 11: Example of selected route

At this stage the user can select specific points of interest and obtain analytical information in regards to that.

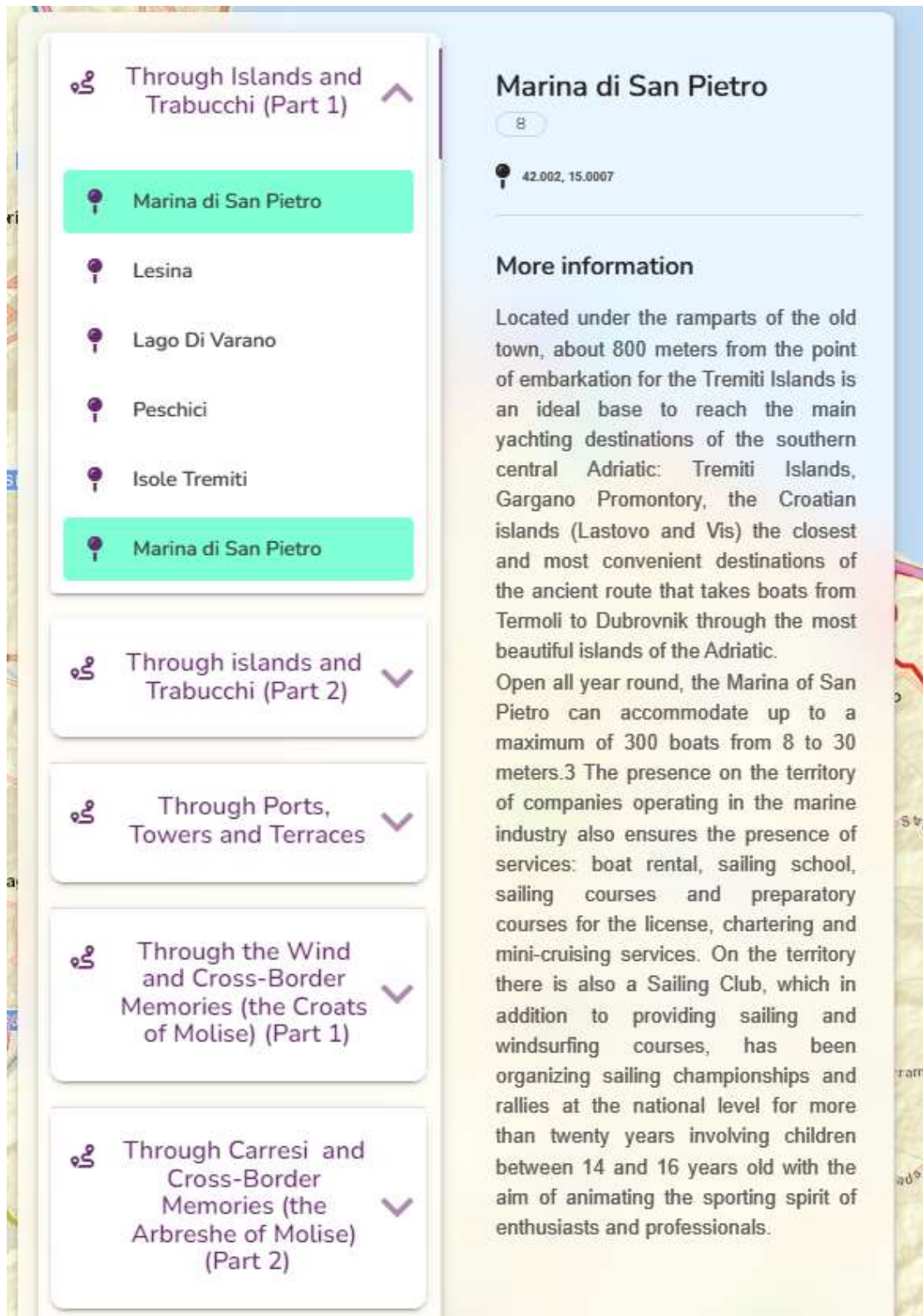


Figure 12: Example - Selection of specific point of interest

The next option “Focus Primary Routes” allows the user to highlight the suggested routes of navigation within a selected path, by simply clicking on the option.



Figure 13: Focus Primary Routes Option



Figure 14: Example - Primary routes off



Figure 15: Example - Primary routes On

Finally, the Web-GIS offers a plethora of options in regards to the type of highlighted points of interest. More specifically, each point of the Thematic Routes is categorized in order to fall under the right type (e.g., Activity, Culture, Museum etc.). Therefore, if for example the user would only be interested in the Museums of the area, he/she can select the specific option which brings up only those.

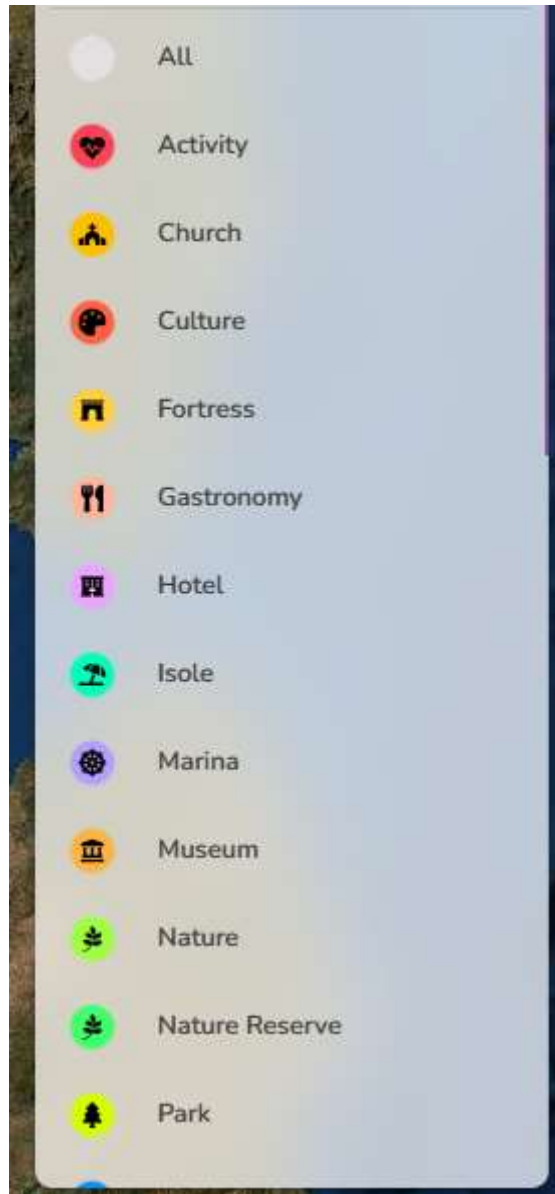


Figure 16: Options on types of Interest Points

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Municipality of
Termoli



Union of the
Provinces of Puglia



Ministry of Tourism
and Environment
of Albania



Agency for the
management of the town
Harbour Herceg Novi

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