



Maximizing the impact of innovative energy approaches in the EU islands

D10.2 Project Website

INSULAE – Maximizing the impact of innovative energy approaches in the EU islands

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DELIVERABLE FACTSHEET

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Dissemination level	
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Diffusion list1


Approvals

	Company
Author/s	CIRCE
Task Leader	DAFNI
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¹ To be filled just if the dissemination level is PP or RE;

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EXECUTIVE SUMMARY

The INSULAE website (which can be accessed through the URL <http://insulae-h2020.eu/>) was completed and made operational at the end of July 2019. It contains all institutional information about the project and is intended to be used as the entry point to the INSULAE project for both the public and scientific / professional communities and other stakeholders' categories, including end-users. Besides that, the website acts as communication and dissemination channel for the project's results and for the involvement of the stakeholders.



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INTRODUCTION

The Project Website is developed in the WP10 of Communication and Dissemination and its included in Task 10.2 as tool for the dissemination of the project.

This deliverable contains the main feature of the website of the INSULAE project and aims at disseminating the project details and results to a wider audience (not only industry and scientific communities, but also media, national and European policy makers, relevant stakeholders and general public). The website will provide information about the project including aims and objectives, technological implications, partner lists, funding details, links to related sites and information on exploitable results for industry and investors. It will also promote upcoming project events and offer links to related projects and social media.

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1 THE INSULAE WEBSITE

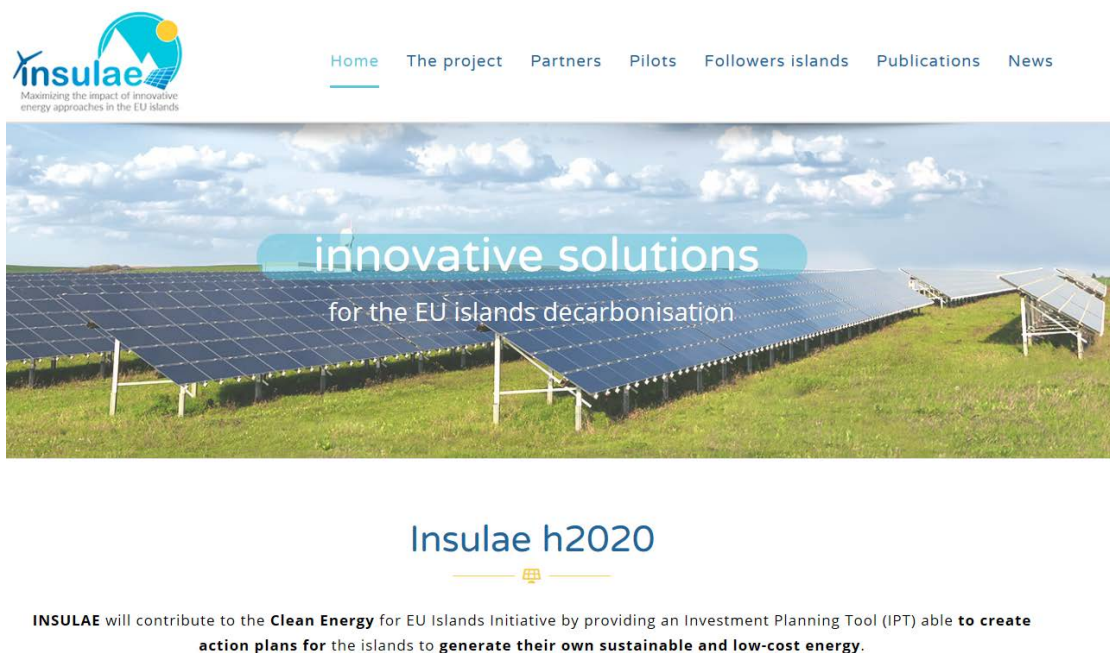
The website has been designed by CIRCE following the needs of the project and the Description of Action. The key aspects can be summarised in the following points.


- **Website domain** – The domain name (<http://insulae-h2020.eu/>) was registered in the month of April 2019.
- **Website scope** – Coherently with the INSULAE Description of Work, the website functions as a first access to general information about the project. Therefore, it features in the homepage links to internal pages containing information about the project and the sites where it is demonstrated.
- **Website layout and identity** –The visual identity has not been fully developed but will follow be based on the actual project identity shown at the website. The website is structured to be easy to browse. The colours and font were chosen according to the guidelines that will be included in the project identity set.

1.1 Website structure

The website provides information about the project including aims and objectives, partner lists, pilot and follower locations, dissemination materials, news and links to related sites and information on exploitable results for industry and investors. It will also promote upcoming project events and offer links to related projects.

Figure 1. INSULAE Homepage



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The implementation of the contents of the INSULAE website has taken place since Month 4 and will continue throughout the duration of the project life. The website is structured in a homepage and six main sections.

Much relevance is given to the Pilot and Follower Lighthouse islands, that are the focal point of the project. The Homepage contains direct links to this section (Figure 2).

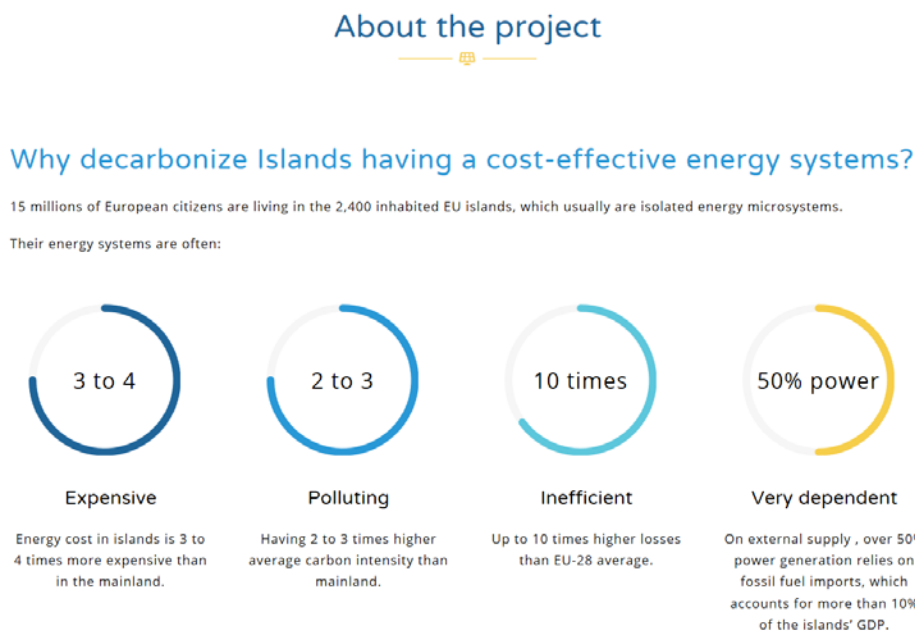
Figure 2. INSULAE Homepage dedicated to Pilots and Followers Islands



On the up-right part of the homepage, links are provided to all website sections, namely:

- **The Project.** contains an overall description of the project, aimed at users looking for a deeper level of technical and practical information. It highlights the objectives and impact of INSULAE aims for the decarbonization of the EU islands. The objectives are presented as a puzzle of 7 pieces. Each piece is interactive and explain in detail the objective (Figure 3).

Figure 3. Overview of the project section




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Figure 4. Objectives of the project section


INSULAE project is composed by a puzzle of seven pieces



- **Partners.** This section shows the partners involved in the project and their role. An interactive map shows the partners per country and has direct link to each partner information that contains an overview of the project's partners with contacts and a direct link to their websites.

Figure 5. Partners section

The screenshot shows the 'Partners' section of the website. It features a map of Europe with Spain highlighted in blue. An inset map shows the Balearic Islands. To the right, there is a text instruction: 'Put the cursor over the highlighted countries to know INSULAE partners.' Below this, the word 'Spain' is written in blue. Three logos are displayed in white boxes: CIRCE (Research Centre for Energy Efficiency and Innovation), albufera (Energy Storage), and CONSELL INSULAR DE MENORCA.

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- Pilots.** This is the main section of the webpage in which the 3 pilot Lighthouse islands are presented. Each island has its own page with useful information as location, energy generation, main challenges, replication potential and partners involved.

Figure 6. Overview of the Lighthouse island at Pilots Section

Lighthouse island 1: Unije

Croatia

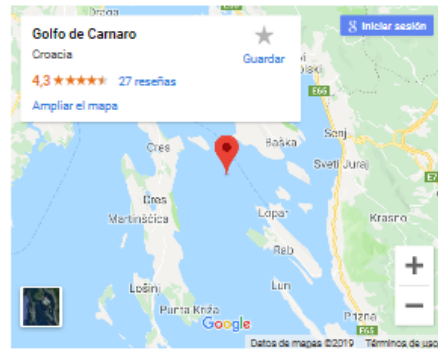


Location and general description:

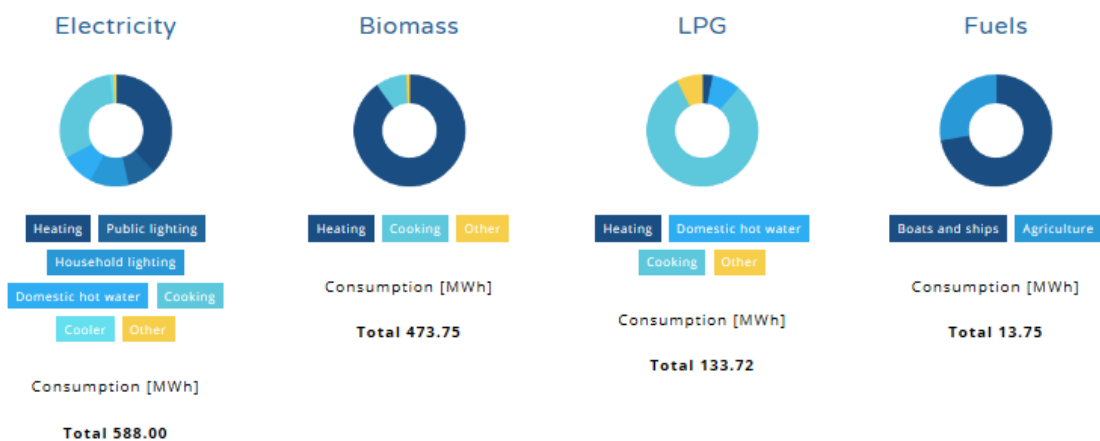
The **Cres-Lošinj archipelago** is located in the **Kvarner Gulf**, in the Northern Adriatic Sea with a total surface of 503 km². The average temperature in the islands ranges from 7,3 °C in January to 23,8 °C in July.


Regarding the distribution grid, Cres island included a meshed 10(20) kV grid counting with 2 35/10 kV and 1 35/20 kV substations, implying a total of 20 MVA, while Lošinj island includes three substations of 110/35 and 35/20 and 35/10 kV, respectively, with a total capacity of 64 MVA.

Both islands are connected to the mainland grid by a 110 kV submarine cable. Although Unije just count with 88 permanent inhabitants, this number increases up to 200 during weekends and to more than 800 during holiday periods due tourism, specially in summer season. Finally, Unije counts with the Energy Self-Sufficient Island Plan.



Demand and consumption:



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- **Followers Islands.** This section follows the scheme of Pilots as these islands are the ones to be benefitted from the replicability of the Pilots. There is a list of the 4 Follower Islands with its main characteristics.

Figure 7. Overview of the Followers Islands Section

Followers islands



more info +

Follower island: Menorca

Spain

Currently, Menorca is isolated from the **Balearic island electric system**, and it will remain disconnected, at least, until 2020, when the cable for the Mallorca-Menorca link will be substituted.



more info +

Follower island: Norderney

Germany

There exists a low voltage 400V and medium voltage 20 kV, 147 km cable network, 49 transformers, 2.500 access nodes, **Gas** (low pressure, medium pressure), 3,4 km network, 2.000 access nodes, 7 independent local heating networks. 76 km of pipe network and 2 water mining sites.




more info +

Follower island: Bonaire

The netherlands antilles

The power supply in Bonaire is characterized by a **high penetration of wind energy**. The contribution on a yearly average is more than 40% and on the peak days the contribution rises up to even 70% of the total generated energy.

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- Publications.** This section will contain all the public dissemination material and deliverables in order to allow any interested audience to obtain a deeper contain and detail of INSULAE project. This section lists all the public deliverables and publications issued by the project available for consultation or download. It may contain videos, flyers, info-packs, scientific papers and other public deliverables This section will be regularly updated as more public content will be generated.

Figure 8. Overview of the Publications Section




- News.** – One of the dynamic parts of the website with regularly updated press and news releases around the project topics. This section lists all the news about the project, sorted by most recent, that will be stored in order to be available at the general public. In the main page users can read a short excerpt of the news and then go deeper on each news item’s page. News will be stored and showed in chronological order.


This section will be regularly updated with the most interesting fairs, conferences and workshops relevant for the sector and organized or promoted by the project. In the main page users can read a short excerpt of the event’s description and then go deeper on each event’s page.

Figure 9. Overview of the News Section



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- **Contact.** – Quick information with the contact information of the project.
- **Website mobile version** - The INSULAE website is responsive. Its layout and contents adapt to the size of different screens thus providing an easy surfing by mobile devices. The website is accessible via smartphones at the same address.
- **Website content management** – The website structure and its associated databases (registered users) are administered by CIRCE, which manages the overall content updates with contributions by the other consortium partners .
- **Acknowledgment of EC funding** – All website pages (including the homepage) feature at the bottom the EU emblem and the text: "*This project has received funding from the European Union's Horizon 2020 research and innovation programme under Grant Agreement No 824433*"
- **Partners' intranet** – In the right part of the navigation bar partners can find a direct link to the Intranet. It is an easy and quick way to get the intranet for partners.

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2 CONCLUSIONS

The current status of the INSULAE website fully matches the objectives of Task 10.2 of WP10. Contents, which represent a core part of it, will be added in parallel with the progress of the projects' activities and regularly updated until the end of the project.

The next steps will cover the implementation of the website through the following features:

- Future news, events, publications, articles and interviews and newsletters
- Current and regular update of the information reported in the website