

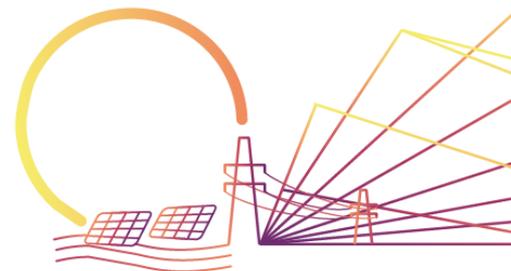


# SERENDI PV

## D9.5 Website and Intranet

### T9.2 Public Website

<b>Grant Agreement n°:</b>	<b>953016</b>
<b>Call:</b>	H2020-LC-SC3-2020-RES-IA-CSA / LC-SC3-RES-33-2020
<b>Project title:</b>	<b>Smooth, REliable aNd Dispatchable Integration of PV in EU Grids</b>
<b>Project acronym:</b>	SERENDI-PV
<b>Type of Action:</b>	Innovation Action
<b>Granted by:</b>	Innovation and Networks Executive Agency (INEA)
<b>Project coordinator:</b>	Fundación TECNALIA Research & Innovation
<b>Project website address:</b>	<a href="http://www.serendi-pv.eu">www.serendi-pv.eu</a>
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## Summary

This document presents the SERENDI-PV project website, accessible at [www.serendipv.eu](http://www.serendipv.eu). The website was developed in the months of December 2020 to May 2021 and made operational at the end of May 2021. The website is the main channel for dissemination and communication activities for the SERENDI-PV project.

This deliverable is an output of task T9.2

## Document Information

<b>Title</b>	Website and Intranet
<b>Lead Beneficiary</b>	WIP
<b>Contributors</b>	TEC
<b>Distribution</b>	CO - Confidential
<b>Report Name</b>	SERENDI-PV_D9.5 Website and Intranet_v1.docx

## Document History

Date	Version	Prepared by	Organisation	Approved by	Notes
27/05/2021	V1.0	David van der Zande	WIP Renewable Energies	TECNALIA	

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## Disclaimer

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# 1 EXECUTIVE SUMMARY

## 1.1 Description of the deliverable content and purpose

This document contains information about the SERENDI-PV website (accessible at URL [www.serendi-pv.eu](http://www.serendi-pv.eu) and [www.serendipv.eu](http://www.serendipv.eu)). It describes the main sections and functionalities of the website.

## 1.2 Reference material

The main document used for the elaboration of this deliverable is the Grant Agreement 953016.

## 1.3 Relation with other activities in the project

Table 1.1 depicts the main links of this deliverable to other activities (work packages, tasks, deliverables) within the SERENDI-PV project. The table should be considered along with the current document for further understanding of the deliverable contents and purpose.

**Table 1.1: Relation between current deliverable and other activities in the project**

Project activity	Relation with current deliverable
D9.2	D9.2 – The draft of the dissemination and communication plan describes how the website will be used to communicate the project to relevant stakeholders and wider audiences.
D10.2	D10.2 – Chapter 4 DOCUMENT MANAGEMENT describes all kind of information to be produced during the project that will be controlled and managed. SERENDI-PV will use a collaboration platform (SharePoint) as repository for all the documents (public or confidential). This chapter provides details of this Intranet.

## 1.4 Abbreviation list

**Table 1.2: Abbreviation list**

Abbreviation	Meaning
SEO	Search Engine Optimized
URL	Uniform Resource Locator

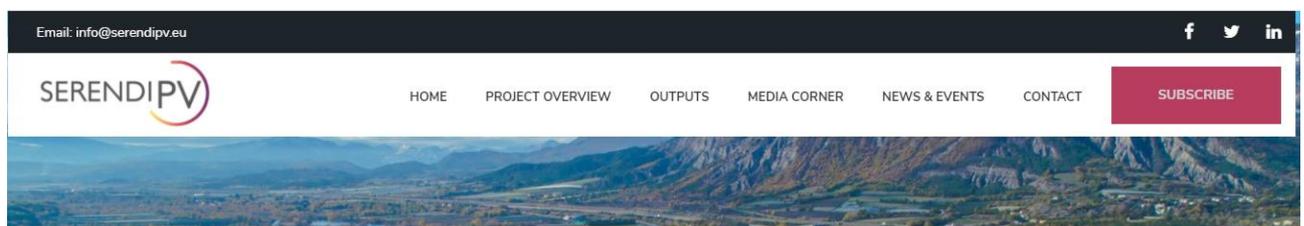
## 2 Project website

The SERENDI-PV website, accessible through the URLs [www.serendi-pv.eu](http://www.serendi-pv.eu) and <https://www.serendipv.eu/> is the main dissemination and communication tool used to provide relevant information to all target groups of the SERENDI-PV project.

Website development started in December 2020, and the website was made publicly available in May 2021. The website provides information on the purpose, goals, ambitions, and innovations of the project. The external content published on the website is subject to editorial control of WIP Renewable Energies.

### 2.1 Structure of the website

At the top of every page, there are links to the social media channels of SERENDI-PV. An email-address is also included in the top of every page to get in direct contact with the project consortium ([info@serendipv.eu](mailto:info@serendipv.eu)).



**Figure 2.1: Social media links, email-address and newsletter subscribe button on top of every page**

At the bottom of every page, there is a newsletter subscribe section. This section is instantly accessible with a “subscribe” button in the top-menu, which is present on every page.



**Figure 2.2: Newsletter subscribe section at the bottom of every page**

The website is designed with large, high-resolution pictures and a modern font to attract visitors to stay and discover the website further from the initial loading session. The website follows the identity and style of the project’s brand identity, with the project’s colours and fonts used throughout the design.

### 2.1.1 Home page

The homepage of SERENDI-PV provides an overview of the project with texts and images provided by the partners. A slideshow with high resolution images at the top of the page presents floating PV and BIPV installations with the project's acronym and short description of the project.

The homepage has been designed to provide a comprehensive, but still compact overview of the project to all target groups, such as professionals as well as prosumers and the general public. Future news and events will also be published on the homepage with dynamic overview elements.

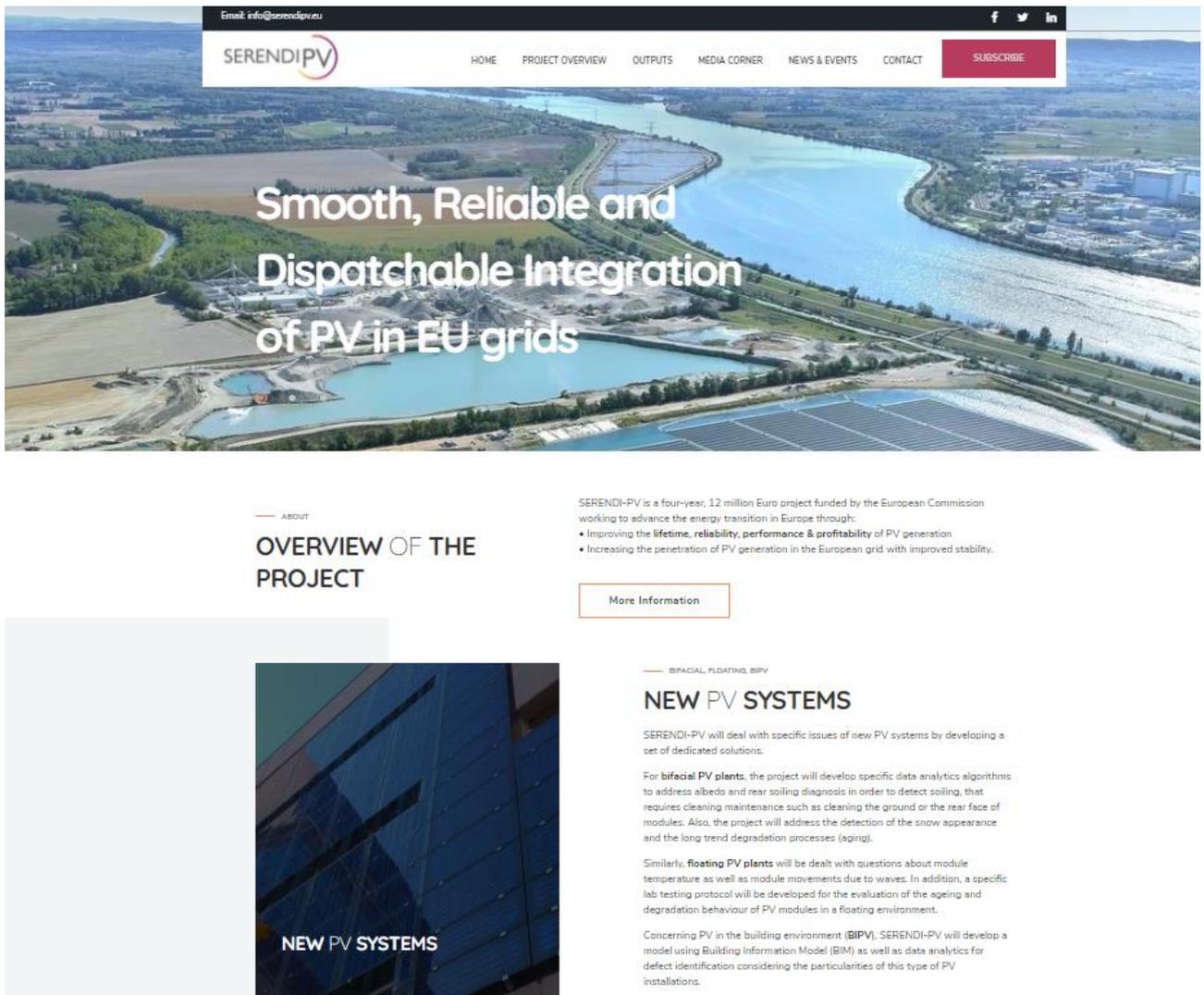


Figure 2.3: View of the Homepage

The bottom of the homepage also features an interactive partner section, with direct links to partner's websites.

DISCOVER

## THE CONSORTIUM PARTNERS

The SERENDI-PV consortium brings together **19 partners from 7 different European countries** (Spain, Belgium, France, Germany, Slovakia, Finland, Austria). The consortium covers the whole value chain of PV systems: R&D centres and Universities, specialised DSO, PV plant operators, technology manufacturers for inverters, energy storage and for power control and operation, PV engineers and ICT developers.

The consortium has been built with great care, with a group of excellent partners that brings together the necessary knowledge, competence, experience and critical mass which will ensure the achievement of the objectives and an outstanding impact at European level.

All Universities / R&D Centers PV Systems' Manufacturer PV Plant Operators / O&M PV Technical Services  
 Network Integration DSO Consultancy Services



Figure 2.4: View of the bottom of the Homepage

### 2.1.2 Project Overview page

All the information on the project overview page has been provided by the project's partners.

#### RESEARCH & DEVELOPMENT ACTIVITIES

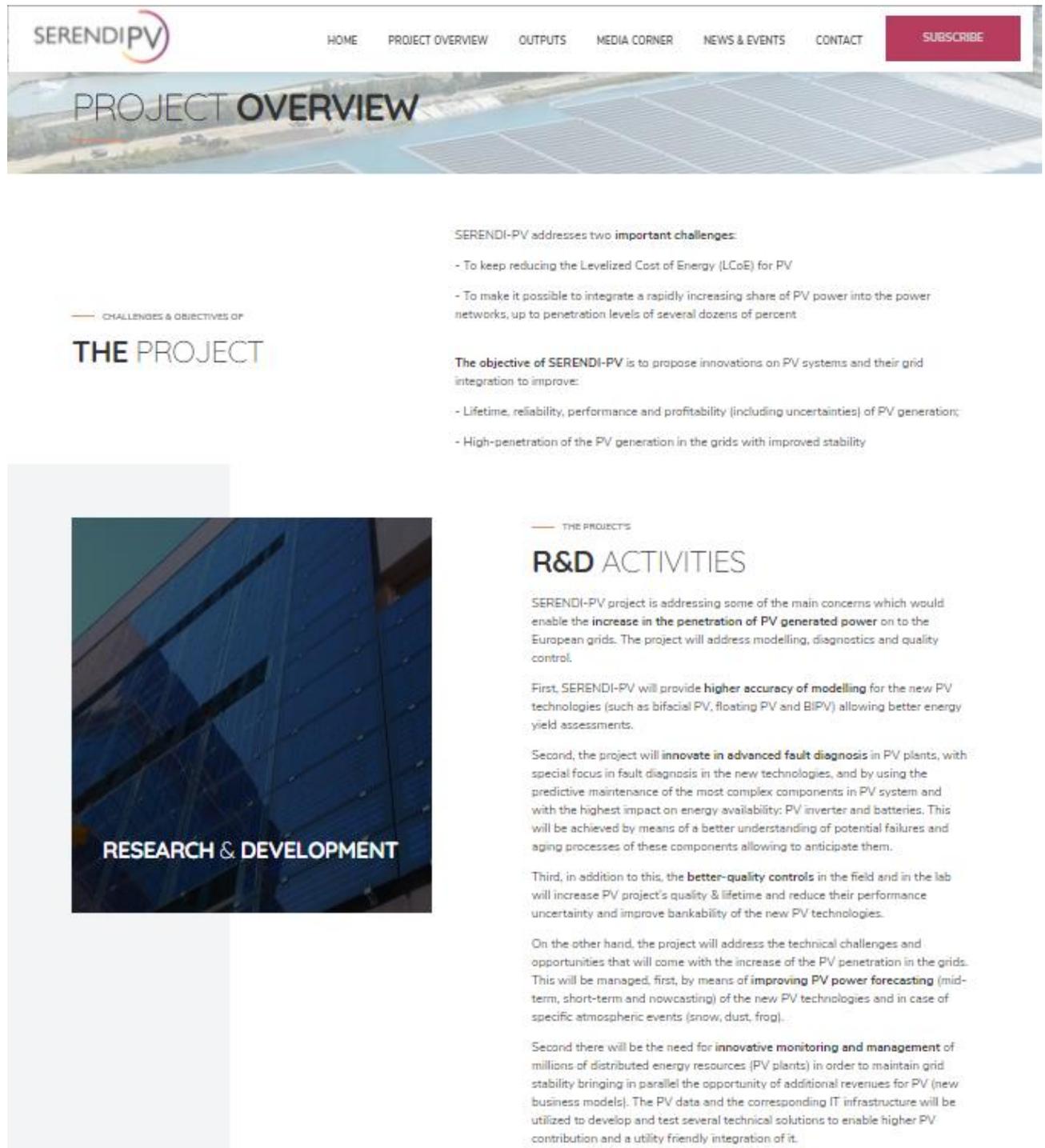
This part of the page highlights the research and development activities of the project. The page describes in detail which R&D activities will be performed.

#### EXPECTED INNOVATIONS

To highlight the project's innovations, an elaborate overview of the project's expected innovations is presented. This part has been written to attract the general public and prosumers with an interest in the latest European solar energy innovations.

#### EXPECTED IMPACTS

This part of the project overview highlights specific impacts expected from the SERENDI-PV project. This part provides all target groups with more detailed information about the project's ambitions, goals, and impacts. Additional content will be added to this page as the project progresses.



The screenshot shows the SERENDIPV website's Project Overview page. At the top, there is a navigation menu with links for HOME, PROJECT OVERVIEW, OUTPUTS, MEDIA CORNER, NEWS & EVENTS, CONTACT, and a SUBSCRIBE button. The main header features the SERENDIPV logo and the title 'PROJECT OVERVIEW' over a background image of a solar farm. Below this, the page is divided into sections. On the left, a section titled 'CHALLENGES & OBJECTIVES OF THE PROJECT' is partially visible. The main content area on the right starts with the text 'SERENDIPV addresses two important challenges:' followed by a bulleted list: '- To keep reducing the Levelized Cost of Energy (LCoE) for PV' and '- To make it possible to integrate a rapidly increasing share of PV power into the power networks, up to penetration levels of several dozens of percent'. Below this, it states 'The objective of SERENDIPV is to propose innovations on PV systems and their grid integration to improve:' followed by another bulleted list: '- Lifetime, reliability, performance and profitability (including uncertainties) of PV generation;' and '- High-penetration of the PV generation in the grids with improved stability'. Further down, there is a section titled 'RESEARCH & DEVELOPMENT' with a background image of a solar panel array. Below this, a section titled 'THE PROJECT'S R&D ACTIVITIES' is introduced. This section contains several paragraphs detailing the project's goals: 'SERENDIPV project is addressing some of the main concerns which would enable the increase in the penetration of PV generated power on to the European grids. The project will address modelling, diagnostics and quality control.' It then lists three main activities: 1) 'higher accuracy of modelling' for new PV technologies (bifacial PV, floating PV, BIPV) for better energy yield; 2) 'innovate in advanced fault diagnosis' in PV plants using predictive maintenance for inverters and batteries; 3) 'better-quality controls' in the field and lab to increase PV quality and lifetime. It concludes by stating the project will address technical challenges and opportunities from increased PV penetration, such as improving power forecasting and managing distributed energy resources.

Figure 2.5: View of the Project Overview page

### 2.1.3 Outputs page

This page presents the public material delivered by the project, such as the public deliverables. The documents will be available for download in this section. The page will also feature a filtering section for end-users to quickly find the type of document they're looking for.

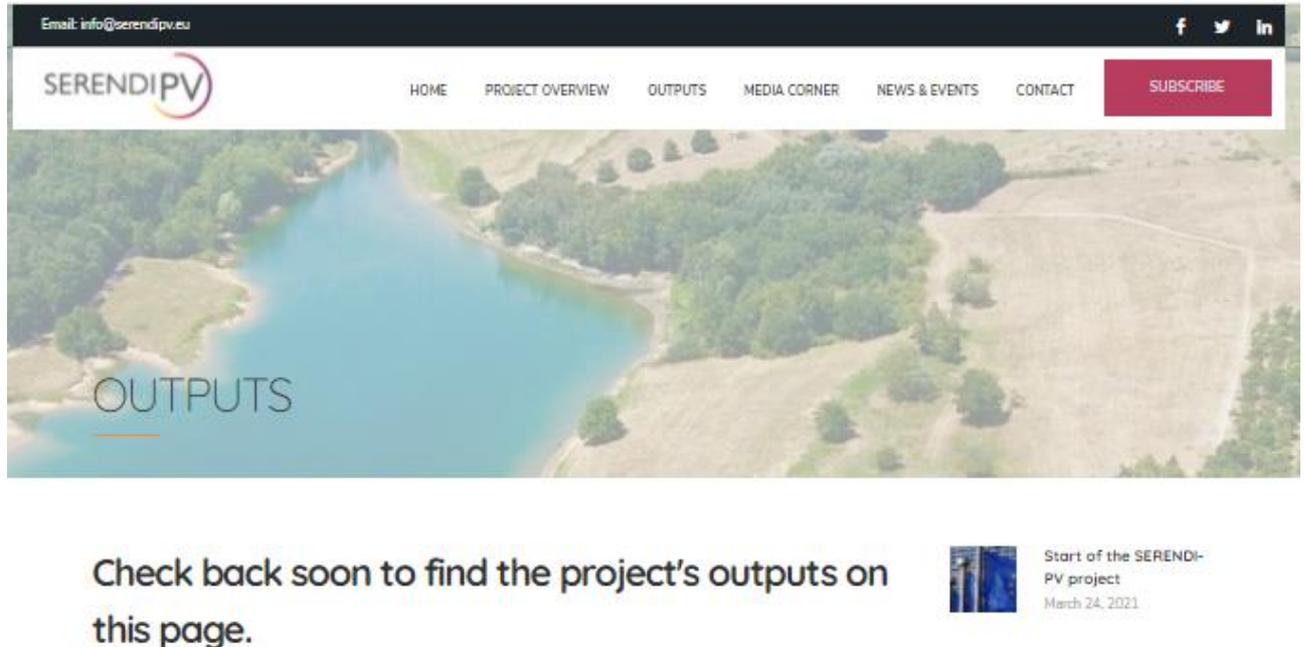


Figure 2.6: View of the Outputs page

### 2.1.4 Media Corner page

This page presents the latest visual (such as leaflets) and video material available for download. With the addition of more content, filtering options will be added.

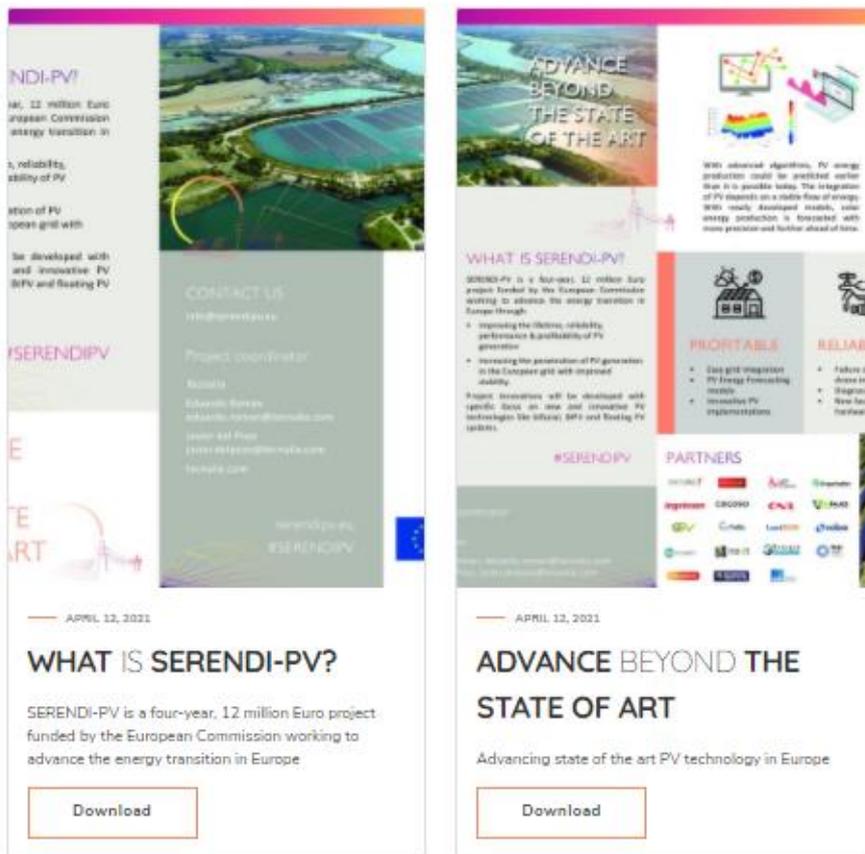


Figure 2.7: View of the Media Corner page

### 2.1.5 News & Events page

This page will present the latest news of the project. This includes information about newsletters and events, such as webinars and workshops to be held. The news section will also promote public deliverables when they are uploaded to the OUTPUTS section. For this section, filtering options (news/resources/press releases) will be added with the addition of content.

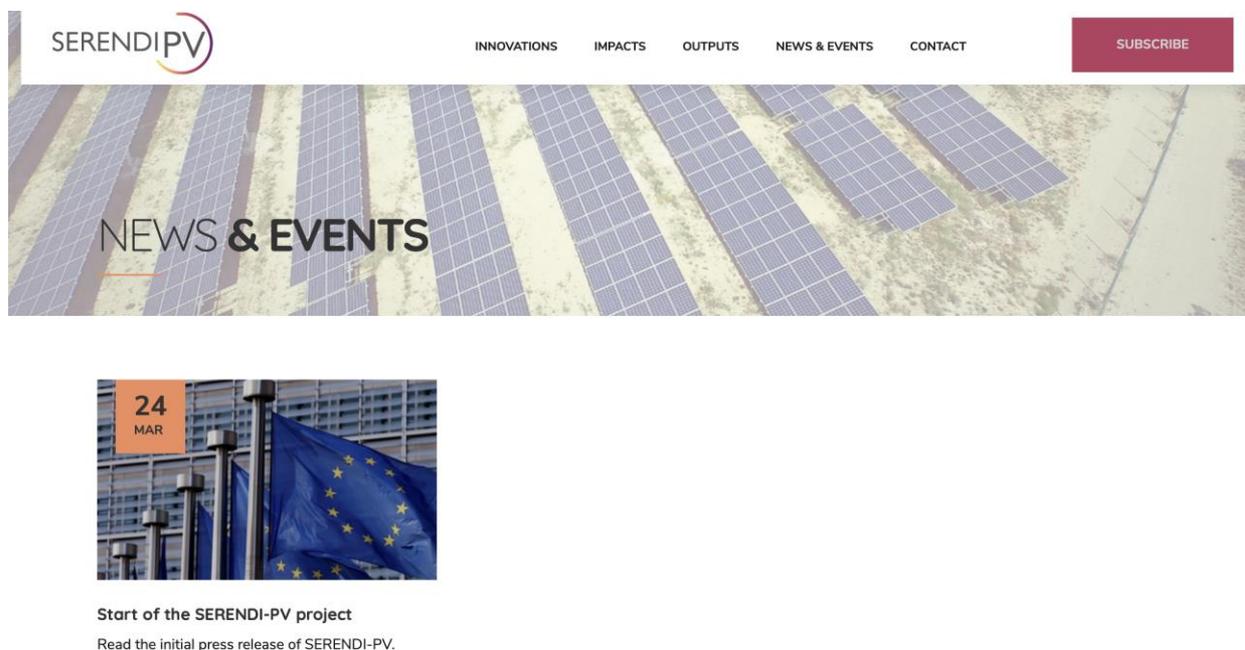


Figure 2.8: View of the News & Events page

### 2.1.6 Contact page

Information about the project coordinators' contact details.

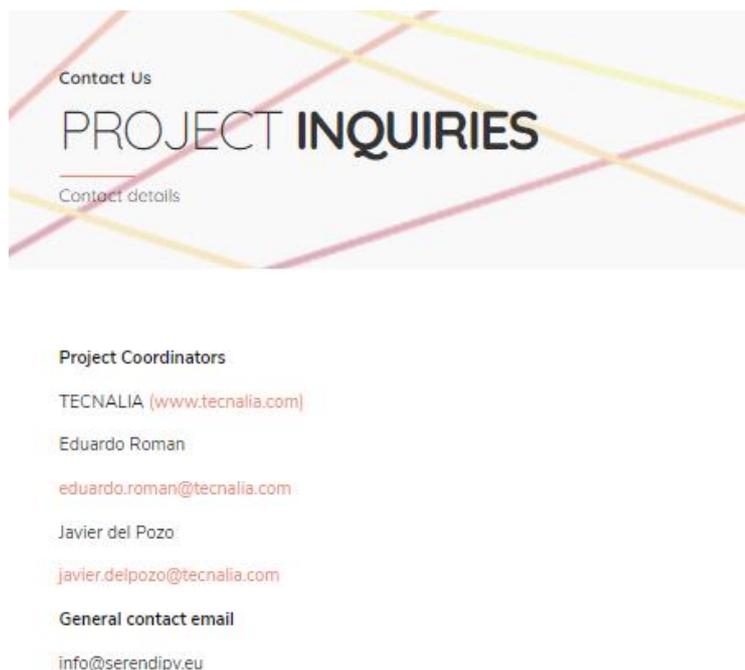


Figure 2.9: View of the Contact page

## **2.2 Technical information**

The project website has been designed for both desktop as well as mobile devices, such as tablets and phones. With a responsive design, the lay-out of the website will adapt to any screen size, all elements of the webpage resize and change depending on the screen size used to browse the page with.

The website has been search-engine optimized (SEO) for Google and Microsoft Bing search engines.

The website's structure and its associated content are administered by WIP, which manages the overall content updates with contributions by the other consortium partners.

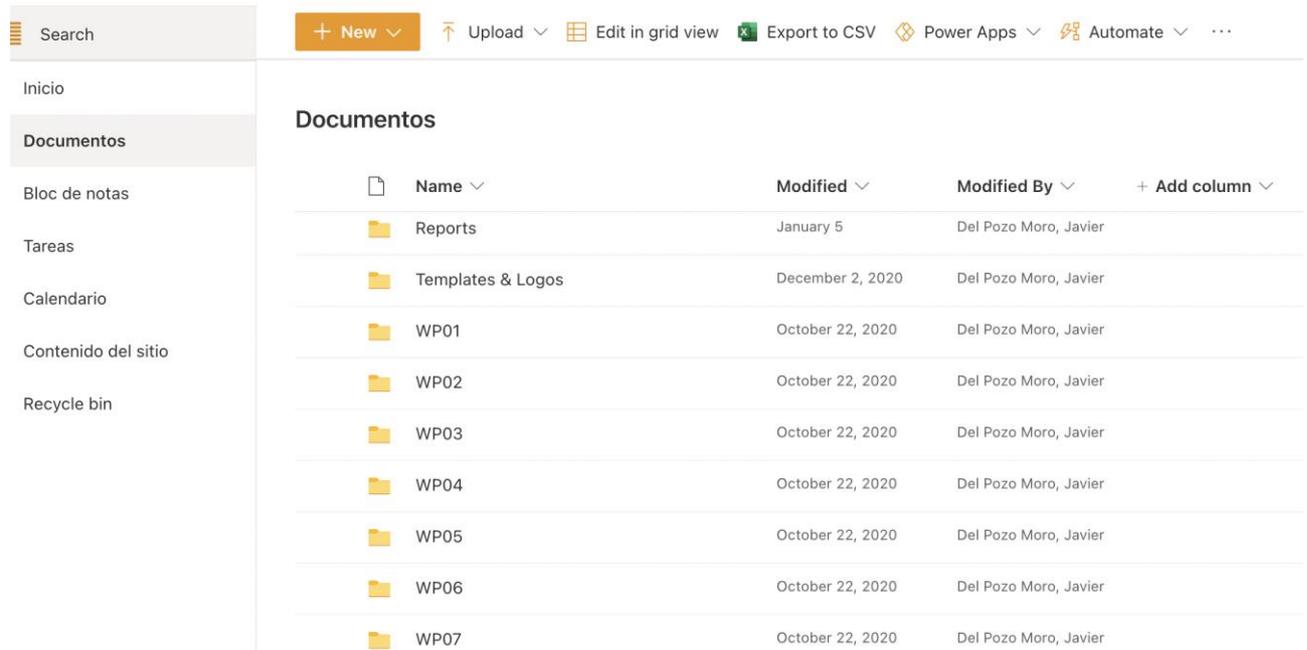
## **2.3 Conclusion**

Overall, the SERENDI-PV website is a responsive and modern website, with easily readable and navigable information for the public and stakeholders.

### 3 Intranet

The intranet is a collaborative platform provided and maintained by TECNALIA. The intranet is built with Microsoft SharePoint software. On the intranet, the partners can share any file-format in a safe environment, such as deliverables and documentation.

SERENDIPV SP-REPEXT.082290



Name	Modified	Modified By
Reports	January 5	Del Pozo Moro, Javier
Templates & Logos	December 2, 2020	Del Pozo Moro, Javier
WP01	October 22, 2020	Del Pozo Moro, Javier
WP02	October 22, 2020	Del Pozo Moro, Javier
WP03	October 22, 2020	Del Pozo Moro, Javier
WP04	October 22, 2020	Del Pozo Moro, Javier
WP05	October 22, 2020	Del Pozo Moro, Javier
WP06	October 22, 2020	Del Pozo Moro, Javier
WP07	October 22, 2020	Del Pozo Moro, Javier

**Figure 3.1: SharePoint filesharing platform**

Chapter 4 DOCUMENT MANAGEMENT of D10.2 –describes the organization of the SERENDI-PV collaborative platform (SharePoint) as repository for all the documents (public or confidential) that will be produced during the project.