



Greening Energy Market and Finance

*D8.1 – Technical
Descriptive document
on the Project website*



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| Work Package (WP) | WP8 – Business-Academia Network in Energy Finance and GrEnFln-Hub V-Platform Establishment |
| WP Leader | Pixel |
| Deliverable Title and Number | D8.1 – Technical Descriptive documents on the Project website |
| Release date | October 2022 |
| Version | 4 |
| Dissemination Level | Reserved |
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| Revised and Approved by | All Consortium Partners |

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Executive summary

This documents deals with:

- The description of the updates from the previous release;
- The structure of the project website dedicated to the project management;
- The technical features of the project website.

Preface

The website has been constantly revised, always taking into account the feedback from partners and representative target groups.

Specifically, as a result of the EACEA assessment, we decided to overhaul the GrEnFin website - not from a technical standpoint - but from a content and planning organization perspective. We believe that these changes will help users to access the main content of the portal with greater ease.

Reporting the most important changes, we decided to remove the "*Utilities and Services*" section from the menu and insert them in the "*Professional Modules*" webpage, under the "*E-Learning Material*" section. We have also changed the title "*Academic Educational Path*" to "*GrEnFin Master*", so that users can immediately understand the importance of one of the fundamental outcomes of the project.

Moreover, we have created a unique and special profile for the evaluator, with which they will be able to access the Management part and the Professional Module part without further registration.

The following are the credentials for the evaluator's profile:

Username: eacea.grenfin@gmail.com

Password: LexiP2022

Presented to all GrEnFin project partners during the Steering Committee of November 23, 2021, the revision was approved and considered significant to make the site more user-friendly and accessible to all users.



1. Introduction

The GrEnFin virtual platform and website are available at the same Internet address (<https://grenfin.eu>), but they have a different purpose:

The virtual platform has the aim of allowing all the major players such as universities, industries, students, alumni and administrative staff to share information, interact and create a network of Energy experts.

It includes the following subsections:

- The GrEnFin Project;
- GrEnFin Master;
- Professional Modules;
- Testing Experience;
- Community.

The website has the aim of supporting the partners in the management and implementation of the different phases of the project and it consists in all the pages under the section “Partners Area”.

The website consists in the following subsections:

- Partner login;
- GrEnFin expected results;
- Project Meetings;
- Shared Documents;
- Templates;
- Evaluation.

The project website is password protected as the contents are only for the project partners and the EU officers.

This document has the main aim to provide information related to the technical development of the portal.

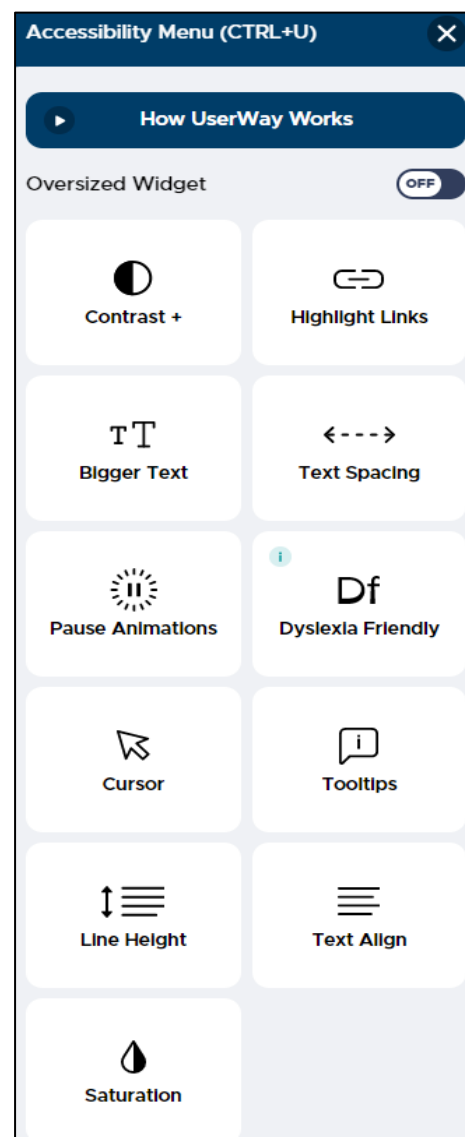
Accessibility



In the upper right part of the GrEnFin website, there is the "Accessibility" button, which is a key aid for people with cognitive, visual, or hearing disabilities.

As can be seen from the image below, this button gives the opportunity to make the website more accessible for anyone through features that allow to:

- Change the contrast of the screen;
- Highlight links;
- Make the text bigger;
- Increase the space between the text;
- Pause the animations;
- Help users with dyslexia;
- Increase the dimension of the cursor;
- Increase the height of the lines;
- Align the text;
- Change the saturation.





2. Technical development of the project's website

The Hosting solution has the following features:

- Registration and administrative maintenance of the grenfin.eu domain;
- 10 email boxes;
- FTP access;
- 1 MySQL Database;
- Scripting Language: php 7.1 or higher;
- Total space for site and email accounts 2GB;
- Antispam-antivirus filter service on incoming e-mails;
- 10Gb / month of traffic;
- OSWAP firewall;
- Basic SSL certificate for grenfin.eu domain.

The GrEnFin Portal has been developed using:

- HTML 4.0 for the page structure;
- PHP 7.0 for the server routine;
- JAVASCRIPT/AJAX to manage the interaction of the user with the browser.

The operational phases for the creation of the portal were:

- Organization chart definition of the information on the site;
- Definition of the dynamic parts dedicated to the partners with relative reserved area
- Definition of the graphic layout and choice of images;
- Assembly of the responsive structure (therefore usable both desktop and mobile) of the portal and related static sections;
- Assembly of the reserved area and related dynamic sections (i.e. sections where the partner can manage the information content in textual or attachment form):
 - Change password;
 - Work in Progress;
 - Dissemination;
 - Shared Documents;
 - Associated Partners;
 - News;



- Press Area;
- Definition and implementation of the Survey area. Research and definition of external software that would allow reaching the required result in the shortest time (SURVEY.JS) ;
- Writing a query code for the Survey.js communication API.



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