D8.1. PROJECT WEBSITE

FLEXBY

FLEXIBLE AND ADVANCED BIOFUEL TECHNOLOGY THROUGH AN INNOVATIVE MICROWAVE PYROLYSIS & HYDROGEN-FREE HYDRODEOXYGENATION PROCESS

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EXECUTIVE SUMMARY

This document is the report version of deliverable D8.1 “Project Website” which provides additional verification for the completion of the deliverable and a description of the website´s main features.

The Flexby website will function as the focal point for the project´s communication activities and non-sensitive dissemination activities, as well as providing news and information on related research and events.

The initial layout of the website is designed to be easy to use and provide an overview of the project´s research objectives and expected impacts.

- **Homepage:** Introduction to the project and provision of links to easily access other areas of the website.
- **Project**
    - **About:** Detailed overview of the project´s research, objectives and expected impacts.
    - **Partners:** Information on consortium members and links to their websites.
    - **Networking:** Information on clustering tasks and related projects.
- **Dissemination**
    - **Communication Materials:** Digital materials such as leaflets, posters and newsletters that are downloadable.
    - **Public deliverables:** Access to view and download the project´s public reports.
    - **Zenodo – Scientific Papers:** Link to the Flexby Community on Zenodo to access the project´s scientific papers and materials.
- **Events:** List of events related to the project´s research areas.
- **News:** Articles providing project updates and sector related news.
- **Contact:** A contact form which directs user enquiries to an email inbox.

The report concludes by detailing how the website will be maintained and developed.

1. INTRODUCTION

1.1 DESCRIPTION OF THE DOCUMENT AND PURSUE

This document serves as the report version of deliverable D8.1, titled “Project Website," and acts as supplementary verification for the deliverable. It also details the website's content, outlines the methods for performance monitoring and reporting, and explains how the website acts as the focal point for the project´s communication activities and dissemination of non-sensitive results, and will be developed to maximise the project's visibility and impact.

1.2 WPS AND TASKS RELATED WITH THE DELIVERABLE

Deliverable D8.1 is part of Work Package 8 “Exploitation, Dissemination and Communication Activities” and will be actioned as part of Task 8.1 “Communication Activities.” Tasks 8.2 “Dissemination Activities” and 8.5 “Flexby Clustering” will also use the website to help achieve their objectives and maximise impact.

2. TECHNICAL ASPECTS

2.1 WEBSITE MANAGEMENT TOOL

The website has been developed using Drupal 10.3.1. Drupal is an open-source content management framework written in PHP and distributed under the GNU General Public License. Drupal has been selected due its versatility and robustness, in comparison with other content management systems.

2.2 HOSTING & MAINTENANCE

The website has been created by KNEIA and is hosted by RGNet in Spain. The URL is www.flexby.eu and KNEIA is responsible for the maintenance and the updating of information on the website.

2.3 ANALYTICS

KNEIA will utilise Google Analytics to monitor the website's performance, ensuring accurate and up-to-date data is available for internal reporting to consortium members and external reporting to the European Commission.

2.4 PERSONAL DATA

The Contact page on the website will be used to gather personal contact information from prospective stakeholders. In compliance with GDPR Regulation (EU) 2016/679, no sensitive information will be collected.

Users are asked to consent to data processing when providing their information and are given access to the website’s Data Protection and Privacy Policy.

On the Privacy Policy page, the users are provided with information on:

- Who is responsible for the processing of their data
- What data is collected
- Purpose
- How and where information is shared
- Security of their data
- Rights and access to information
- Changes to the Privacy Policy

3. WEBSITE STRUCTURE

The Flexby website, accessible at https://www.flexby.eu, offers public information about the project and its related sectors. It is designed to maximise the visibility and impact of the project's research, reaching both a general audience and targeted stakeholders.

Each page features a header and a footer. The header includes the project logo, contact email address, social media links, as well as a menu and search function for easy website navigation. The footer includes the EU funding acknowledgement and disclaimer, and links to the Privacy Policy, contact form and social media accounts.

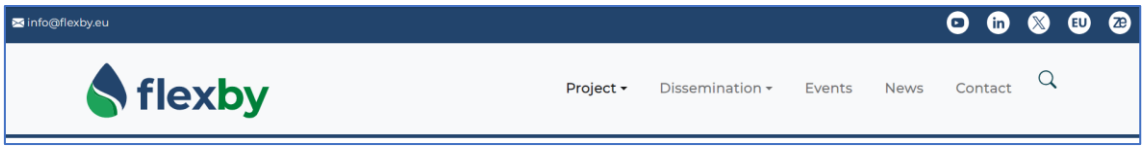

Figure 1. Website header.

Figure 2. Website footer.

3.1 HOMEPAGE

The homepage, or landing page, is designed to engage the user through imagery and a concise introduction to the project with various links to access other parts of the website quickly and easily.

The homepage provides basic information about what the project is, the technological innovation and the consortium. In addition, there is a news and events feed with links to the related pages.

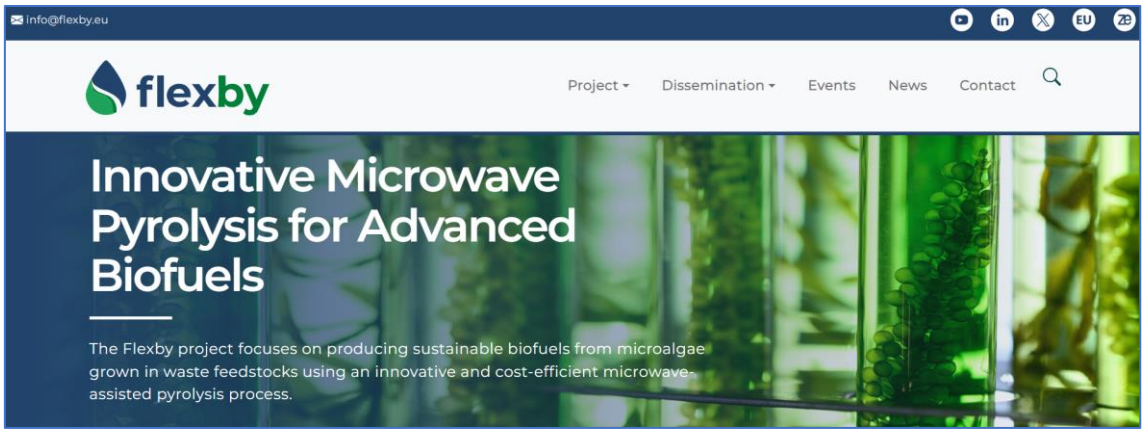

Figure 3. Example of website homepage.

3.2 ABOUT FLEXBY

The project page provides more in-depth information about the project´s research, focusing on why the project has been funded, the need for this type of technological development, innovation, and the potential impacts.

The page also includes infographics that provide information on the project´s work packages and funding.

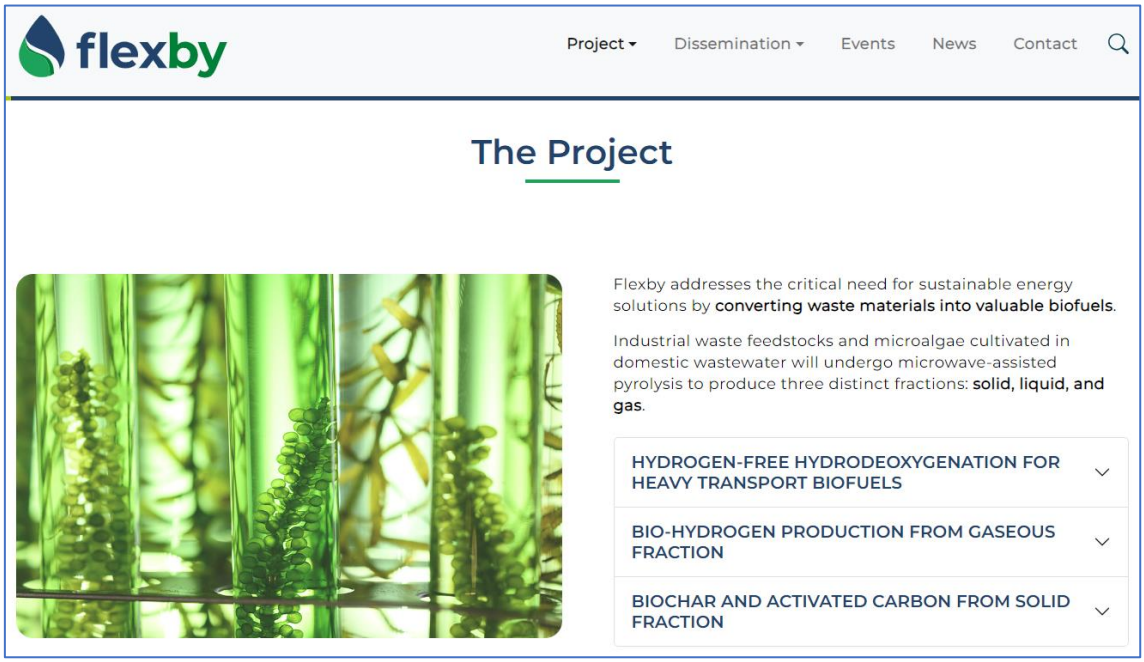

Figure 4. Example of website project page.

3.3 PARTNERS

The partners page provides information about each consortium member, their role in the project and a link to their website.

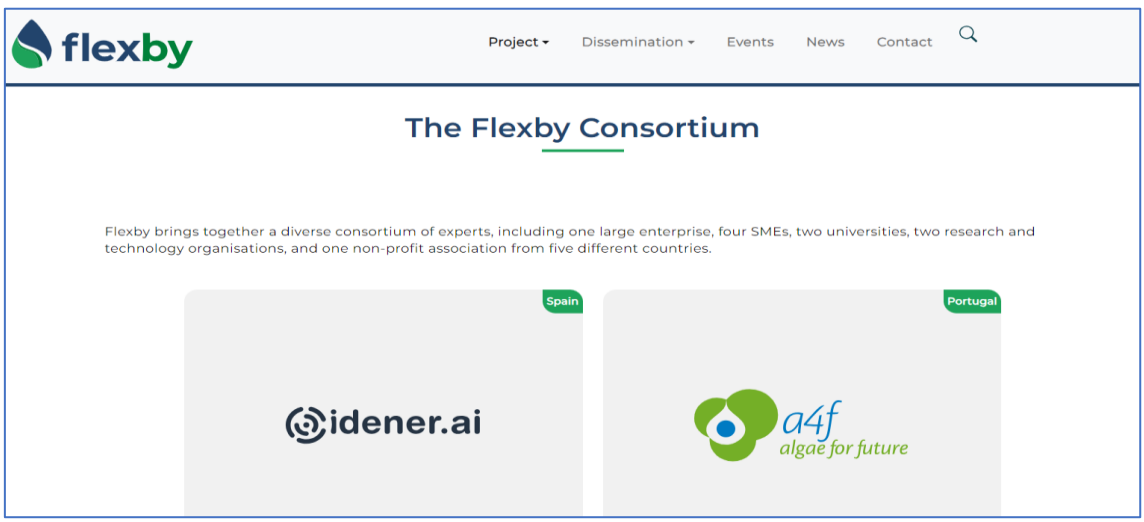

Figure 5. Example of website partners page.

3.4 NETWORKING

The networking page explains the project´s clustering tasks and objectives and provides a list of related projects funded under the same programme.

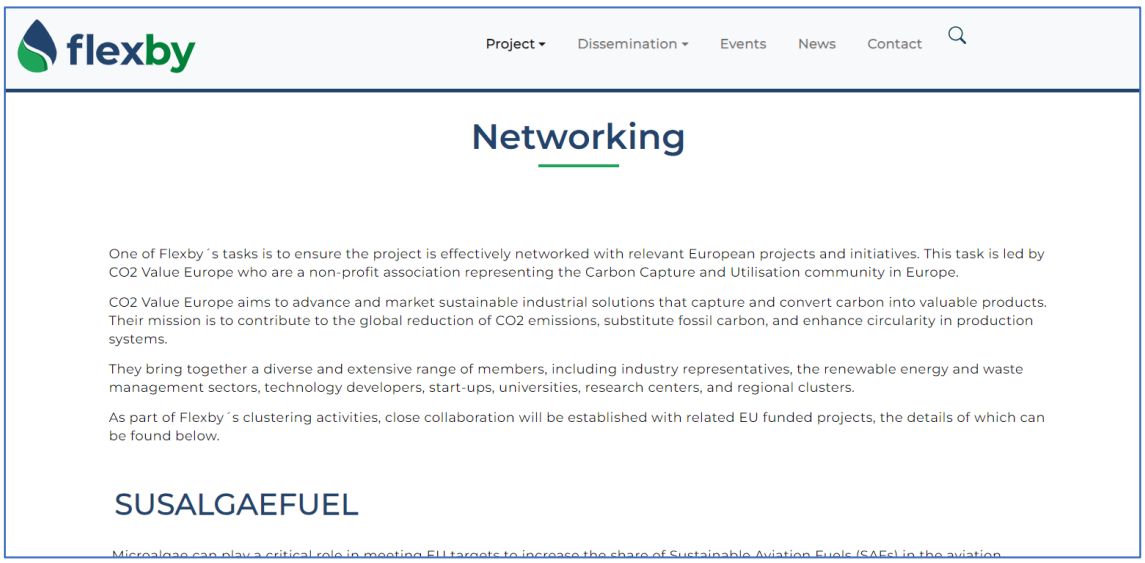

Figure 6. Example of website networking page.

3.5 DISSEMINATION

The dissemination section of the website consists of three different pages:

- **Communication Materials** – this page houses the digital materials produced by the project such as leaflets, posters, press releases and newsletters. These materials will be available for download in a PDF format.
- **Public Deliverables** – This page will contain all of the public reports produced by the project which will be available for download in a PDF format. The reports are organised by work package and ordered by date of publication.
- **Zenodo–Scientific Papers** – This section of the website is not a webpage but is a link to the Flexby Community on the Zenodo online repository where users will be able to access and download the peer reviewed scientific papers produced by the project. (https://zenodo.org/communities/flexby/records?q=&l=list&p=1&s=10&sort=newest).

3.6 EVENTS

The events page provides a list of events related to the project´s research. The list will include information about events that consortium members will be participating in and also events that are related to biofuel production and circular economy as a source of information to project partners and users of the website.

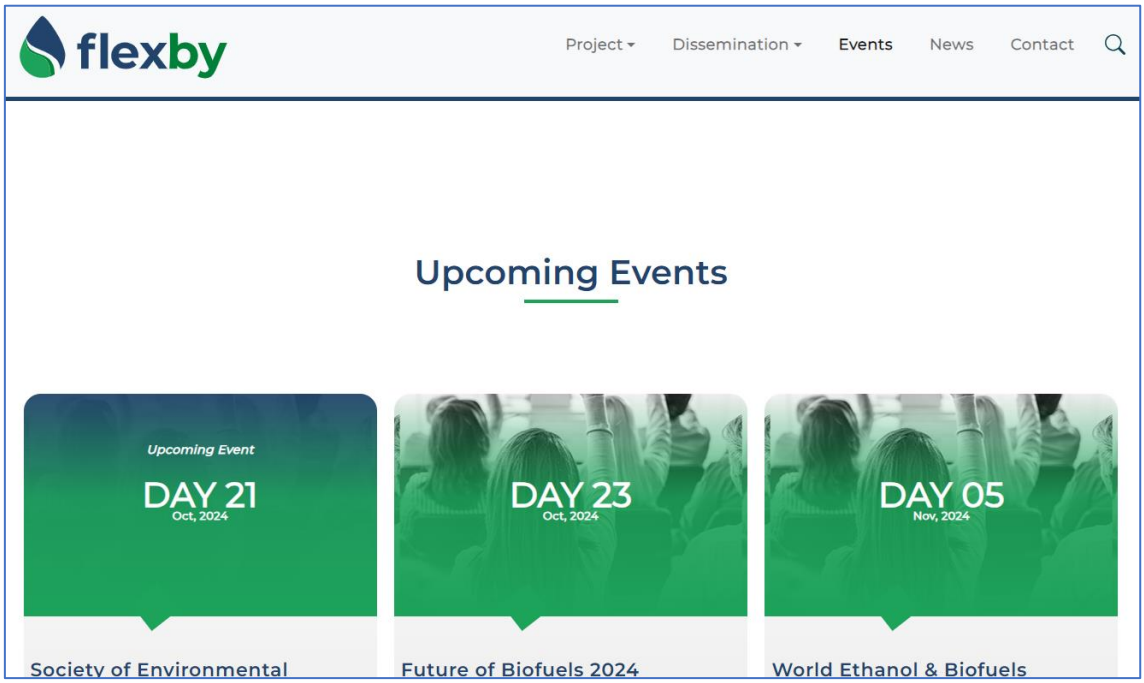

Figure 7. Example of website events page.

3.7 NEWS

Articles related to the project´s progress and activities will be regularly uploaded to the news page as well as biofuel sector and circular economy related articles. These articles serve to keep users informed about project developments, but also ensure that the website remains relevant and findable throughout the project´s duration and beyond.

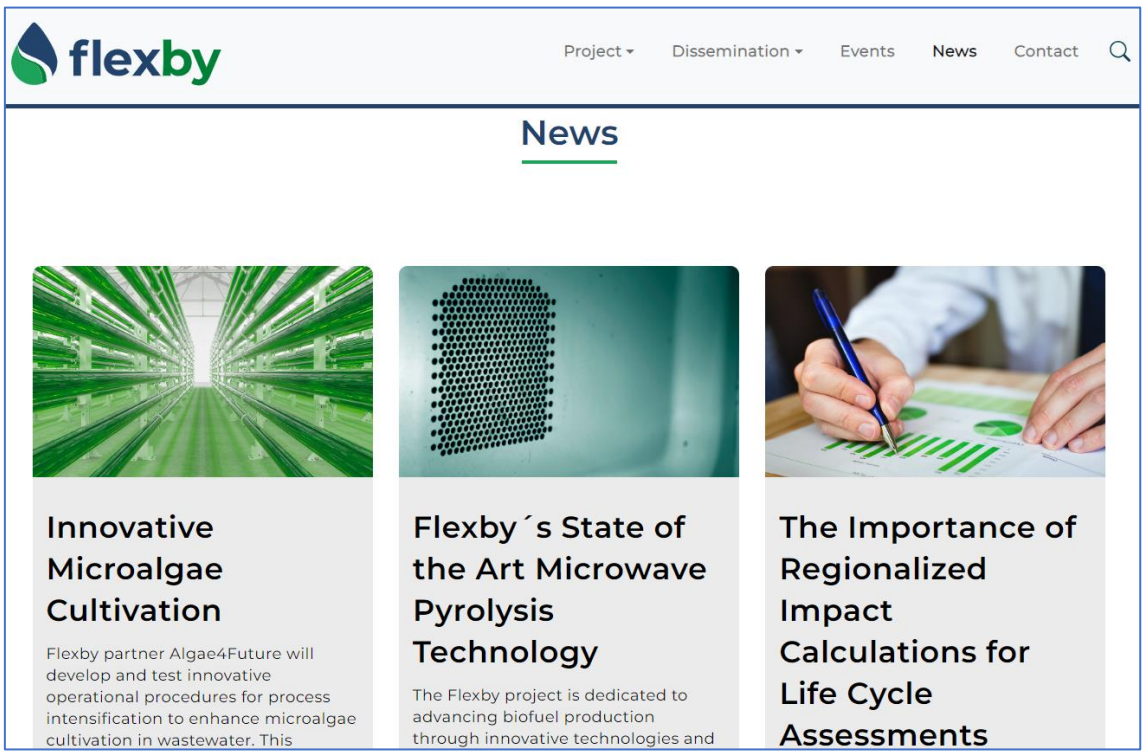

Figure 8. Example of website news page.

3.8 CONTACT

The contact section allows users to reach out to the consortium with their enquiries. All enquiries are sent to a common email inbox managed by KNEIA. This function also allows the project to collect users´ contact information so they can be contacted about information relating to the project.

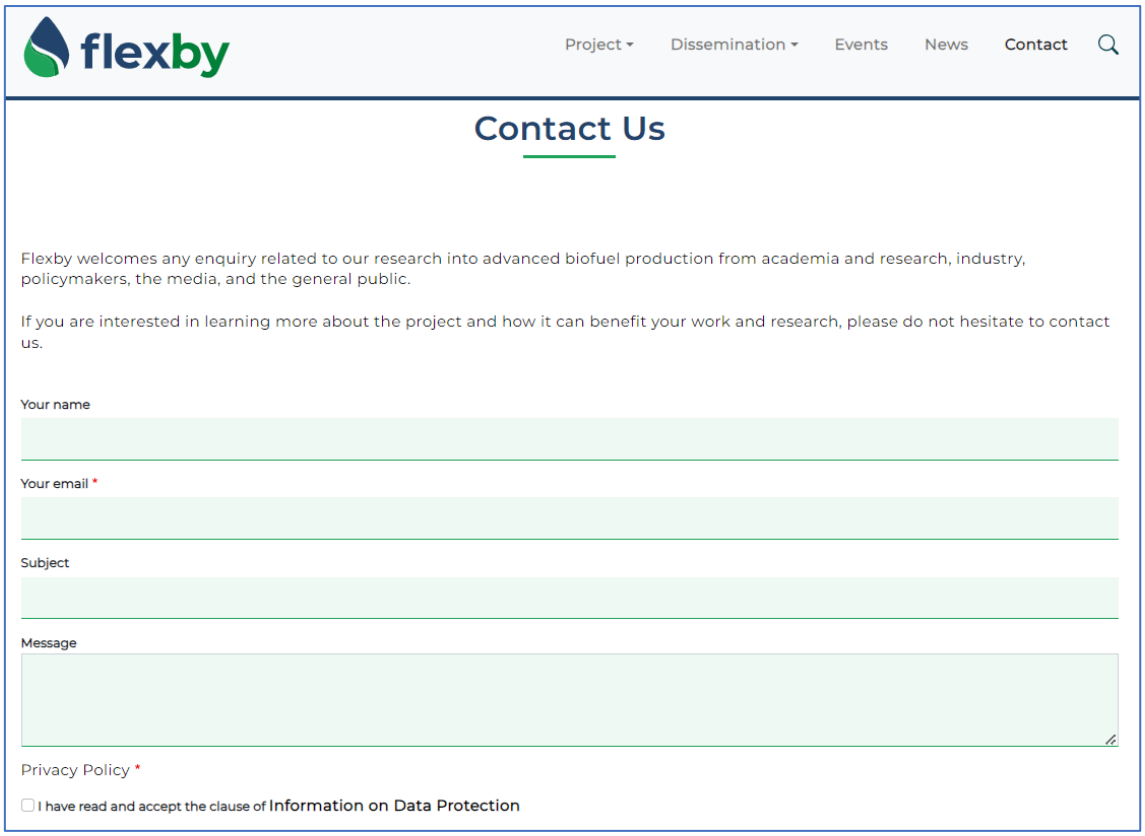

Figure 9. Example of website contact page.

4. FUTURE MODIFICATIONS

The performance of the website will be consistently monitored using Google Analytics, and system upgrades applied periodically, and the events and news pages will be regularly updated.

Additional webpages will be added to the website as the project progresses. This may include a “Multimedia Gallery” page which will house the project videos alongside KNEIA´s YouTube channel and a “Scientific Publications” page which will house the scientific papers produced by the project alongside the Flexby Community on Zenodo.

The curation and development of the website will be discussed regularly with consortium members at project meetings.

5. CONCLUSION

The Flexby project website serves as a critical tool for communication and non-sensitive dissemination activities, offering an accessible platform for stakeholders, researchers, and the general public. The site effectively highlights the project's research objectives, expected impacts, and collaborative efforts, providing a comprehensive resource for those interested in the project’s progress.

The website´s layout includes key sections such as an introduction to the project, details on consortium members, communication materials, public deliverables, and a link to access scientific papers. Additionally, it provides regular updates through news articles and a schedule of relevant events.

Moving forward, the website will be continuously maintained and updated to ensure that it remains a findable and relevant platform. Regular updates to content, including the addition of new research materials, event information, and project developments, will be prioritised. This proactive approach will ensure that the website continues to support the project’s communication and dissemination objectives effectively throughout its duration.

6. REFERENCES

Hepworth, M., *D6.1 Project Website*, Up-Skill Project, 2023.

This project report has used a standard methodology developed by KNEIA and previously used in the Up-Skill project - Grant Agreement number 101070666. Ad hoc modifications were added to comply with the Grant Agreement conditions for the Flexby project - Grant Agreement number 101144144.