H2020-LC-SC3-2019-ES-SCC
Research on advanced tools and technological development

ComBioTES
Compact bio-based thermal energy storage for buildings

Starting date of the project: 01/11/2019
Duration: 66 months

= Deliverable D7.2=
Development and maintenance of ComBioTES webpage

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PP	Restricted to other programme participants (including the Commission Services)	
RE	Restricted to a group specified by the consortium (including the Commission Services)	
CO	Confidential, only for members of the consortium (including the Commission Services)	

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Executive Summary

The official website of the ComBioTES project, https://combiotes.eu/, has been set up to increase public awareness of the project.

The final version of the website, containing generic and technical details about the project, has been reviewed by all partners and has been operational since 4th September 2021. This website will be regularly maintained during the whole course of the project and all its contents are intended to be public.

The website is structured in 5 pages/sections and 11 subpages. The "Home" page serves to welcome the broad public and arouse its attention; the "Project" section is dedicated to the technical details and organisation of ComBioTES; the "Dissemination" section gathers all the information shared with the public and the scientific community; the "News" section highlights the latest developments and the "Contact us" page gives information to contact the consortium directly.

At the footnote of the website, an acknowledgment of EU funding is placed**: This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 864496, project ComBioTES.**

Executive Summary

Table of contents

1. Introduction

This deliverable is part of the task 7.1 Dissemination and public events. The objective of this task is to assure that the results of the project will be disseminated to the European research and industrial community, and will target all important stakeholders related to the technologies tackled. Through dissemination, the continuous communication between public, experts, technicians, and operators on one side, and partners of the project on the other side, is assured. The ComBioTES webpage will be the main tool to reach the target audiences and to record and share all dissemination activities.

The website is established at the beginning of the project, with the aim to be easy to use both for the consortium's members and for the broad public. It will be regularly updated during the project's lifetime, in particular to highlight the latest developments and the events to come.

The website has been fully operational since 4th September 2021, complete with contents that have already been approved by the coordinator, exploitation manager and all the partners.

2. ComBioTES website structure

The website was created in the Open-Source software called WordPress. WordPress started as a blogging system but has evolved to be used as a full content management system, that is completely customizable and can be used for almost anything within the field of web design. It allows fast and reliable customization and user-friendly back-office environment, which is a key for the website updates and file uploads.

Apart from the home page, all the individual pages of the website have the same overall presentation: a heading containing the logo and the full name of the project, along with the navigation menu (titles of the pages and subpages, visible as soon as the mouse is moved on the page's name); the tile of the page in a larger font (either in a frame of different colour, or decorated with a logo); a central area with contents description related to the page; and finally a footnote with the acknowledgment of EU funding and the EU flag, and a link to the "Contact us" page. The website also contains a search tool.

The main navigation menu includes the following sections (with their respective subsections) (see Figure 1):

- Home
- Project
    - o Project facts
    - o Consortium
    - o Summary of work
    - o Technologies
- Dissemination
    - o Public deliverables
    - o Project clustering
    - o Press release and media
    - o Scientific publications
    - o Gallery
- News
    - o Project news
    - o Events
- Contact us

2.1.   Home page

The ComBioTES home page provides basic information on the project. Unlike the other pages of the website, this page contains three areas between the heading and the footnote, and has a slightly different background. The slider show is the first element discovered by a visitor and features alternating images representing the project's technological objects and their use in everyday life. It is followed by a short description of the project and its overall impact on society. The "latest news" section serves to highlight the newest developments of the project and contains a link to the "Project news" page. Figure 1 displays a screenshot of the Homepage.
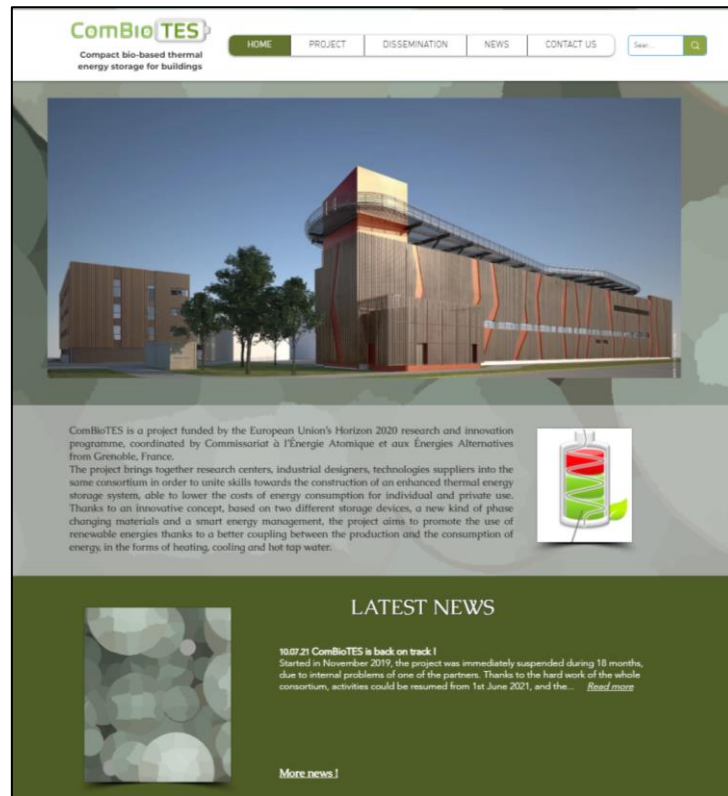

Figure 1 Website's home page

2.2.   Project

This section contains general information and description of the project. It is divided into four subsections: *Project facts, Consortium, Summary of work, Technologies.*

- The "Projects facts" subsection summarizes all the important and official facts about the ComBioTES project, including the full project title, grant agreement number, starting date, duration, project funding, funding scheme, call identifier, keywords and the project's abstract (Figure 2);

Figure 2 Project facts page

- The Consortium consists of **9 partners from 7 countries** with complementary background know-how in order to achieve the challenging goals of the project. This subsection describes the members of the project's consortium. For each partner, the website gives the name, country of origin, primary contact, the webpage and also a short description (Figure 3);

Figure 3 Partners Descriptions in Consortium & EAB Members page

- The "Summary of work" subsection shortly describes the **eight Work Packages (WPs)** with their specific objectives, displayed with their connections between them, as a PERT diagram (Figure 4);
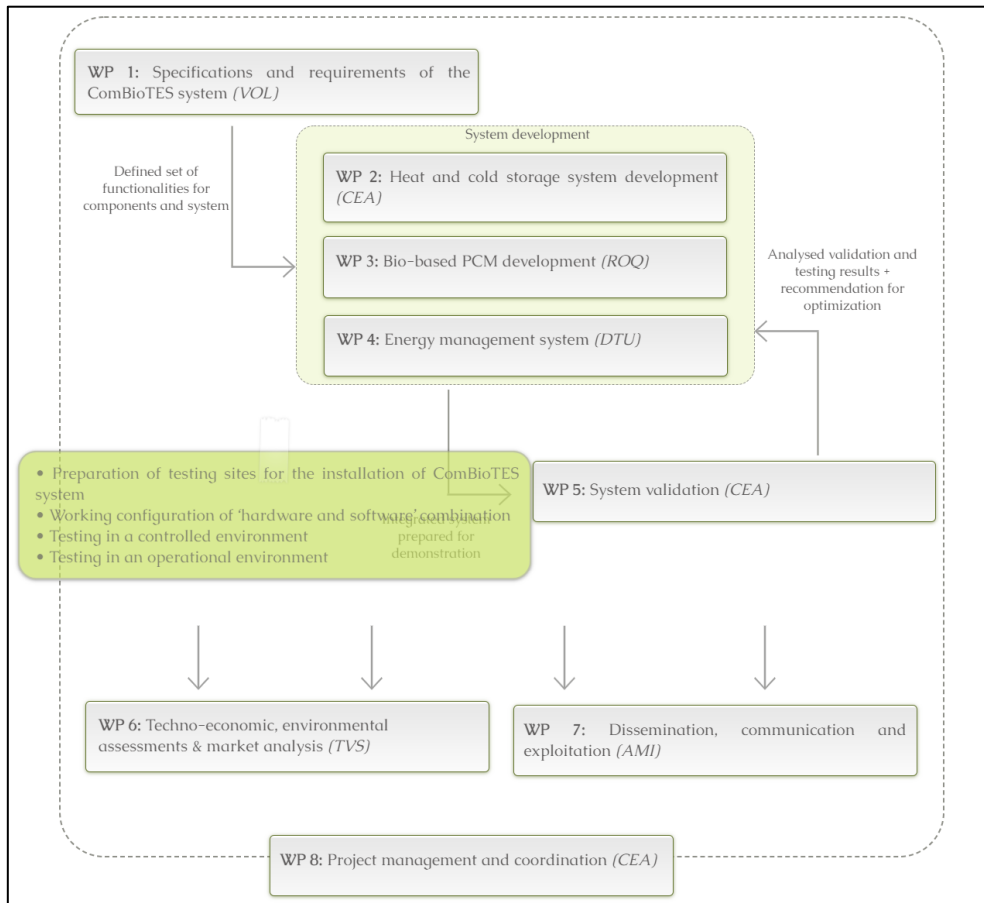

Figure 4 The WPs of the project

- The "Technologies" subsection presents the project's technological challenges and solutions more in details: the two thermal energy storage and their respective contents, the innovative PCM, the energy management system, the different use modes for winter and summer.

2.3.   Dissemination

The goal of this section is to present the project's latest achievements and outputs as well as to support the public awareness of its results. The contents are divided between the public deliverables, the clustering activities, the media aimed at the broad public, the scientific publications, and the images related to the project.

- The "Public deliverables" subsection shows the list of all the deliverables available to the public. As soon as a deliverable is ready, it becomes available for download in .pdf format file in this section (Figure 5).

Figure 5 Public deliverables page

- A list of possible sister projects and clustering activities is given in the dedicated page, containing the logo of the project, a short description and a link to the website. This page may be subjected to updates whenever a clustering activity is indeed undertaken and produces results.

- The "Press release & media" page reports the articles, videos, websites, etc. aimed at the broad public and mentioning or describing the project. It can be created by one of the partners of the consortium or by a press organisation contacted by one of the partners. For each item, the title, date of publication, author or publisher and a link to the website/page containing the article/video/media are mentioned.

- Like the previous subsection, the "Scientific publications" page lists the articles related to the project and published in conference papers or specific journals. This subsection is dedicated to the scientific community and will be continuously updated until the end of the project with inputs from partners.

- The "Gallery"" page displays pictures from the project's meetings, workshops, conferences as well as pictures related to the scientific and technological activities (Figure 6).
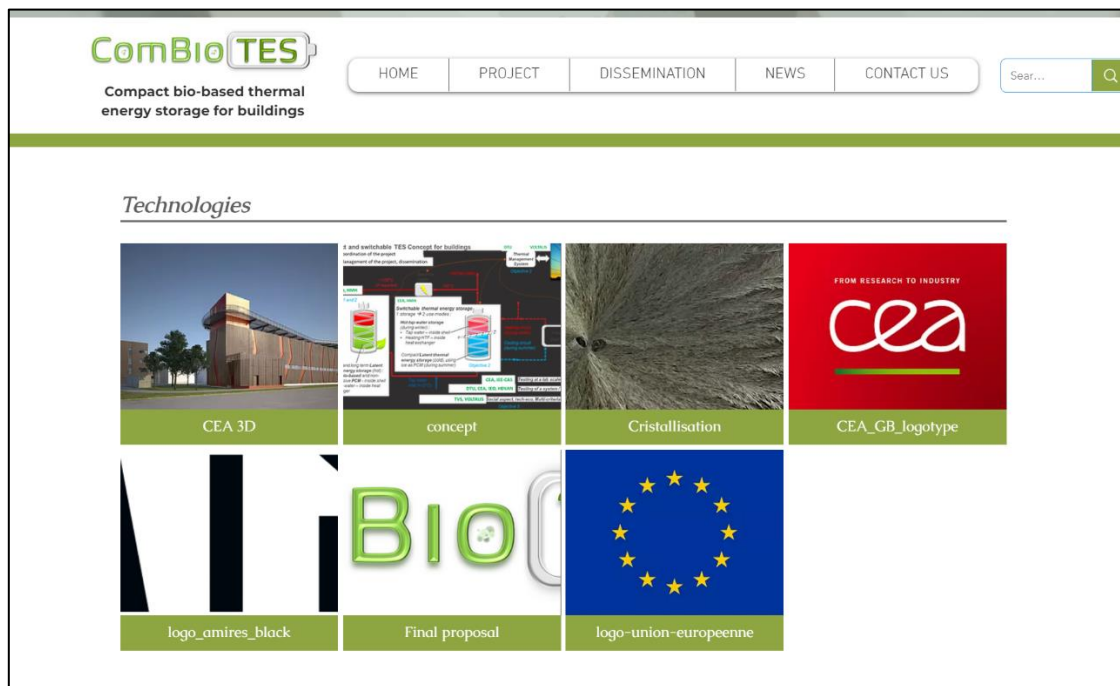
Figure 6 Gallery of the project

2.4. News

This section features the latest developments related to the project, divided in two categories:

- The Project news are all the information relevant for dissemination: scientific progress, publication of an important article, advancement of construction, etc. This page contains a series of news with their title, a short description, the date and a link to more information when needed.

- The Events include the main conferences, symposia and other relevant events, attended by partners of the consortium and including a presentation of the project, or organised by the consortium itself. The most important internal meetings (like the KOM, the M24 meeting, etc) are also highlighted here (Figure 7).
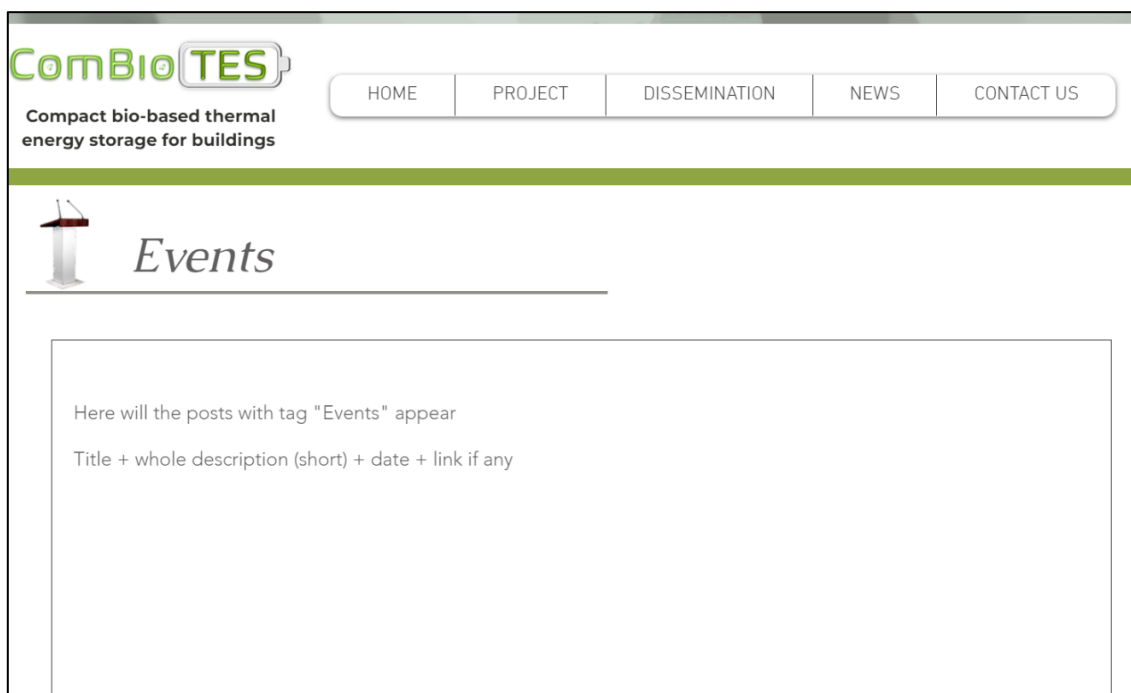

Figure 7 The Events page

2.5.   Contact us

This section displays the email addresses of the main contact people: the Project coordinator, the Project and dissemination manager and the Exploitation manager (Figure 8).

Figure 8 Contacts for the project

3. Maintenance of the website

The website of the project will be actively maintained and updated on a regular basis during the project life span. The sections Dissemination and News in particular, will be enriched continuously with the latest developments and documents created for the project.

Beyond the periodic updates and publication of results, two activities need to run in parallel. First, a constant security check and control is needed to protect all sensitive data uploaded on the server of the Czech provider Active24 (http://www.active24.cz). This will be assured by the generations of more secure login details and by continuous adaptation of WP plugins and add-ons to avoid any sensitive data leakage. Special attention must be given to random search engines crawlers, which download any accessible document and keep it for a long time in their cache system (even already erased documents). This activity will last until the end of the project and beyond its duration. Second, an efficient optimization of the website will assure its positioning among the first searching results for the relevant keywords.

4. Conclusions

The ComBioTES website meets the requirements set in the task 7.1 Dissemination and public events. The website has been set up in order to increase the public awareness of the project and to disseminate its results. Basic information on the project can be found on the webpage as well as the public deliverables and several lists of links to other media mentioning ComBioTES.

The provisional webpage with very basic information on the project (i.e. project facts, the abstract, a list of partners and contacts) has been operational since June 2021 and has been officially replaced by the final version, described in this deliverable, since 4th September 2021. The ComBioTES website will be actively maintained during the whole course of the project.

5. Degree of progress

The degree of progress for this deliverable is 100%. The development of the website is complete, while its maintenance will be carried out during the whole project's lifetime.

5. Degree of progress

6. Dissemination level

This Deliverable is public and will be therefore available for downloading on the project's website and on demand.

6. Dissemination level