D7.1 ECF4CLIM digital platform - landing page

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WHO WE ARE

The ECF consortium consists of ten partners. The project is coordinated by Centro de Investigaciones Energeticas, Medioambientales y Tecnologicas-CIEMAT.

Name	Country	Logo
Centro de Investigaciones Energéticas, Medioambientales y Tecnológicas **CIEMAT**	ES	
Instituto Superior Técnico. University of Lisbon. **IST**	PT	
Universidad de Sevilla **USE**	ES	
University of Jyväskylä **JYU**	FI	
Universitat Autònoma de Barcelona **UAB**	ES	
Meda Research Ltd **MedaResearch**	RO	
Instituto de Soldadura e Qualidade **ISQ**	PT	
Trebag Szellemi Tulajdon Es Projektmenedzser Korlatolt Felelossegu Tarsasag **TREBAG**	HU	
Smartwatt Energy Services SA **Smartwatt**	PT	
Que Technologies Kefalaiouchiki Etaireia **QUE**	GR	

ABOUT THE PROJECT

Through a multidisciplinary, transdisciplinary and participatory process, ECF4CLIM develops, tests and validates a European Competence Framework (ECF) for transformational change, which will empower the educational community to take action against climate change and towards sustainable development.

Applying a novel hybrid participatory approach, rooted in participatory action research and citizen science, ECF4CLIM co-designs the ECF in selected schools and universities, by: 1) elaborating an initial ECF, supported by crowdsourcing of ideas and analysis of existing ECFs; 2) establishing the baseline of individual and collective competences, as well as environmental performance indicators; 3) implementing practical, replicable and context adapted technical, behavioural, and organisational interventions that foster the acquisition of competences; 4) evaluating the ability of the interventions to strengthen sustainability competences and environmental performance; and 5) validating the ECF.

The proposed ECF is unique in that it encompasses the interacting STEM-related, digital and social competences, and systematically explores individual, organisational and institutional factors that enable or constrain the desired change. The novel hybrid participatory approach provides the broad educational community with: an ECF adaptable to a range of settings; new ways of collaboration between public, private and third-sector bodies; and innovative organisational models of engagement and action for sustainability (Sustainability Competence Teams and Committees).

To encourage learning-by-doing, several novel tools will be co-designed with and made available to citizens, including a digital platform for crowdsourcing, IoT solutions for real-time monitoring of selected parameters, and a digital learning space. Participation of various SMEs in the consortium maximises the broad adoption and applicability of the ECF for the required transformational change towards sustainability.

LEGAL NOTICE

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1. EXECUTIVE SUMMARY

This document is the deliverable D7.1 which aims at describing the first outcomes of the task 7.1 - Architecture design and technical requirements of the ECF4CLIM digital platform -, particularly in what concerns the development of the landing page for the Digital Platform. This task belongs to the work package 7 of the EC4FClim Project, which has been funded by the European Commission under the H2020-European Green Deal Call, under the grant agreement no. 101036505.

The purpose of the landing page is providing a unique entry point to the different modules that will be available in the digital platform, enhancing user experience while facilitating the access to the contents and tools available. This landing page is thus critical to ensure the objectives of the project, namely to strengthen environmental awareness amongst citizens and promote the engagement of the entire educational community in action towards behavioural changes towards sustainability.

This document provides a brief overview of the landing page, namely in what regards to the layout and main contents.

2. LANDING PAGE

The landing page has been designed with simplicity in mind so that it can be easily used and explored by different users. Indeed, it works as an entry point to the digital platform, making it easier to navigate between the available modules and tools.

The landing page, which is depicted in Figure 1, has been implemented using the most recent web technologies like HTML5, CSS3 and also javascript, that allows to enhance user experience and the ability to be accessed from anywhere through an internet browser. This page is available in the following URL: https://ecf4clim.smartwatt.net/. It is important to mention that the landing page will be continuously evolving throughout the time in order to cope with the developments carried out during the project.

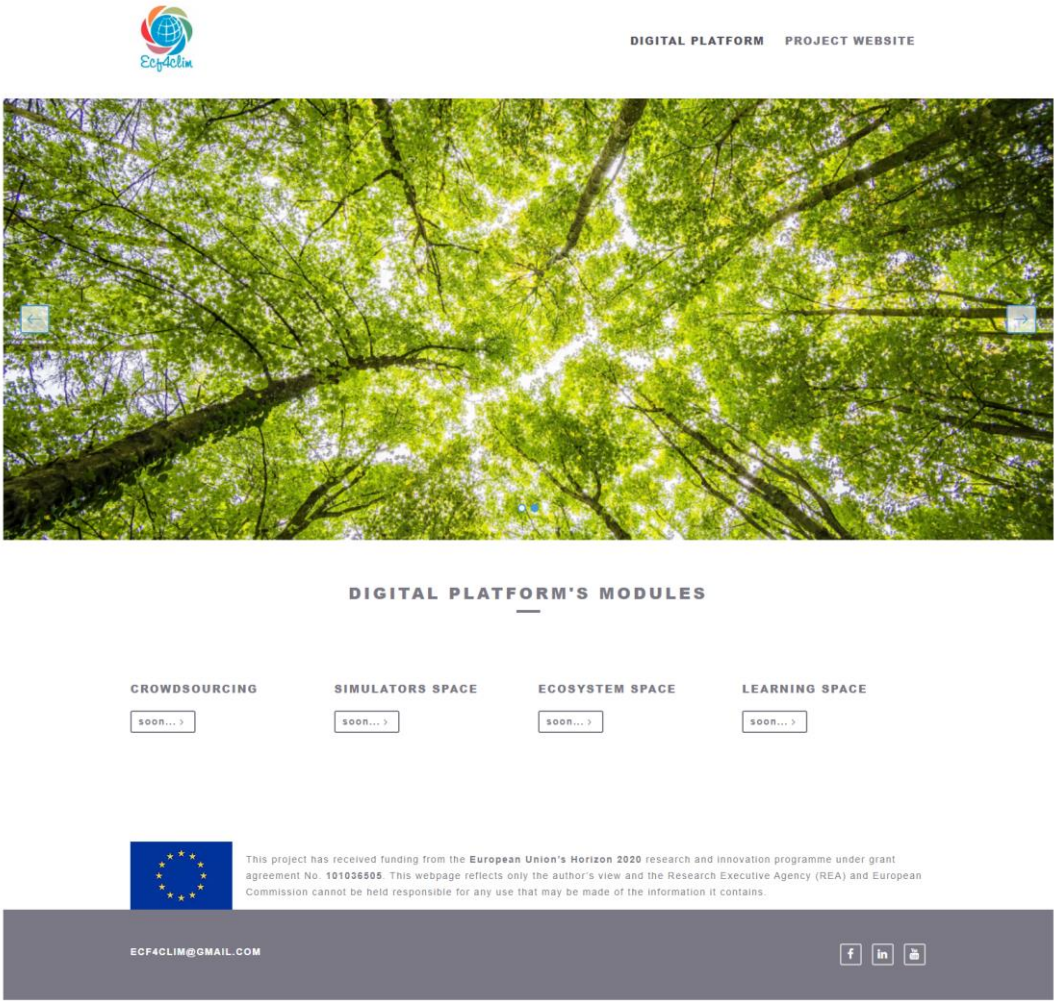

Figure 1 - Print screen of the digital platform's landing page.

Landing Page Sections

The landing page encompasses three main sections, namely the Header, Body and Footer. These sections are described below.

Header

Contains the logo of the project and two quick navigation links. One to the Home Page of the landing page and the other to the project web-site where all the project information is presented.

Figure 2 – Landing page's header print screen.

Body

The body section provides the users with interactive contents and the navigation links to the modules available in the digital platform.

Particularly, there is a sliding show which provides images and documentation related with the project and with the outcomes of the digital platform, as illustrated in Figure 3.

Figure 3 - Sliding Show Print Screen.

On the other hand, the body contains the links to the available modules/tools as represented in Figure 4. The expected behaviour of each link is the following:

- **Crowdsourcing:** Through this link, users will be able to access the crowdsourcing tools that will employ the principles of citizen science, to collect citizen opinions on how to conceptualise the competences of climate action and sustainable development, in opposition to strategies based on desk research/literature review only. The aim is to engender a process, whereby a large, international group of students, parents, teachers and experts in education engage in collective meaning-making

- **Simulators Space:** access to tools that will support the environmental self-assessment of the educational establishments and the educational community (students, teachers and managers).

- **Ecosystem Space:** by accessing the ecosystem space, specific services will be provided namely with the aim of providing dynamic calculation and visual analytics services over KPI measurement while providing comprehensive dashboards. It shall be pointed out that this module will leverage the IoT layer used to collect data from a multitude of different sites and assets.

- **Leaning Space:** through this link, users will be presented with several educational resources designed to improve citizens' awareness and capacity to act against climate change and towards sustainable development.

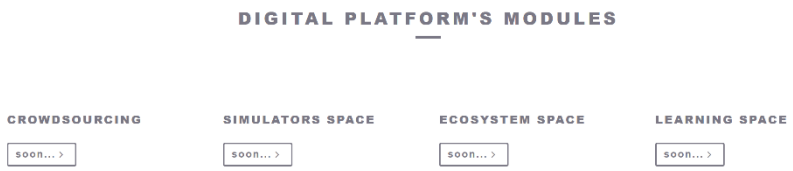

Figure 4 - Landing page's navigation links print screen.

Footer

In the footer section, the user is presented with some widgets that provide access to the social media pages of the project, like the Facebook and provides some contextual information regarding the project funding.

Figure 5 - Landing page's footer print screen.