

SC1-PHE-CORONAVIRUS-2B

# ENVISION

Intelligent plug-and-play digital tool for real-time surveillance of COVID-19 patients  
and smart decision-making in Intensive Care Units

Project No. 101015930

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## Table of Contents

<b>Partner short names</b> .....	<b>4</b>
<b>Abbreviations</b> .....	<b>4</b>
<b>Executive Summary</b> .....	<b>5</b>
<b>1 Project Website</b> .....	<b>5</b>
1.1 Key facts .....	5
1.2 Aim and Objectives.....	5
1.3 Strategy .....	5
1.4 Technical implementation.....	6
1.4.1 WordPress.....	6
1.4.2 Theme .....	6
1.4.3 Images and Graphics.....	6
1.5 Website structure.....	7
1.5.1 Home / Landing page .....	7
1.5.2 Project.....	8
1.5.3 News & Media.....	9
1.5.4 Contact.....	10
1.5.5 Member Area.....	10
1.6 Development and Maintenance.....	11
1.7 Outreach measurements and evaluation .....	11
1.8 Outlook.....	11

## Partner short names

AAW	app@work GmbH
accelCH	accelopment Schweiz AG
accelDE	accelopment Schweiz AG
CCHT	Spitalul Clinic Judetan De Urgenta Pius Brinzeu Timisoara
CHUC	Centro Hospitalar e Universitario de Coimbra E.P.E.
DPT	Central Hospital of Southern Pest National Institute of Hematology and Infectious Disease
ESAIC	European Society of Anaesthesiology and Intensive Care
GUF	Johann Wolfgang Goethe Universität Frankfurt am Main
ICS-HUB	Institut Catala de la Salut – Bellvitge University Hospital
iDA	Intelligent Data Analytics GmbH & Co. KG
KC	Lietuvos Sveikatos Mokslu Universiteto Ligonine Kauno Klinikos
LMI	Löwenstein Medical Innovation GmbH & Co. KG
SE	Semmelweis Egyetem
TAU	Tampereen Korkeakouluosaatio SR
UCL	University College London
UMCG	Universitair Medisch Centrum Groningen
UMCL	Univerzitetni Klinicni Center Ljubljana
UMCM	Univerzitetni Klinicni Center Maribor
UMFCD	Universitatea de Medicina si Farmacie Carol Davila din Bucuresti
UNIPG	Università degli Studi di Perugia
UNITO	Università degli Studi di Torino

## Abbreviations

D	Deliverable
DoA	Description of Action
EC	European Commission
H2020	Horizon 2020
M	Month
MS	Milestone
WP	Work Package

## Executive Summary

This deliverable is part of **Work Package (WP) 6, Task 6.2: Cross-media communication and outreach** as described in the Description of Action (DoA).

Specifically, it refers to the subtask to create and maintain an ENVISION website, the main information source for different audiences with up-to-date information on the project and outcomes. The website will integrate visuals and links to partners' social media feeds to enhance outreach.

This deliverable explains how the ENVISION website has been set up to provide a platform to make public information regarding the project available to all stakeholders. It gives details on the tools used to develop the website, illustrates its structure and purpose and describes its outlook.

With over 460,000,000 internet users in the European Union alone<sup>1</sup>, a website can be a powerful instrument to communicate and spread information. The project website hence serves as a flexible tool that allows the ENVISION consortium to raise awareness of the project itself and to provide up-to-date, consistent and complete information to its various stakeholders, tailored for them.

## 1 Project Website

The main purpose of the ENVISION website is inform the public on this EU funded project, to present the multinational consortium and to serve as a platform for disseminating project results to various stakeholders.

### 1.1 Key facts

- The ENVISION website URL address is <https://www.envision-icu.eu>
- The basic website was first launched right at the Project start in December 2020, and has been continuously expanded over the first two months.
- accelCH has created and maintains the website using [WordPress](#).
- The project website is securely hosted on accelCH's webserver.
- The member area is exclusively for Project participants and password protected.

### 1.2 Aim and Objectives

The aim of the website is to raise awareness for the ENVISION project and to keep the various target groups interested throughout the project and inspire them to get involved.

The objectives are to present not only the project, but the people and institutions involved, and to create opportunities for engagement and interaction with the different stakeholders. To make the website attractive and inviting, it is foreseen to also contain audio-visual material. The website will serve as one of the primary tools throughout the project to share ENVISION's progress and its results and to disseminate its findings to the various stakeholders.

### 1.3 Strategy

The website mainly functions as a first point of contact for encountering project related information and updates on ENVISIONs progress and results. As a focal point for consortium members and the various target groups it is essential to provide appropriate and useful information to different users.

The main target group of the website is the international medical community and researchers in the ICT field, which will be provided with in-depth information about the project and project partners involved. Updated news stories and events should create enough interest for site visitors to return for new

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<sup>1</sup> <https://www.internetworldstats.com/europa.htm>

updates, whilst contact details are provided to request further information from project members. All of this functionality is provided in an easy-to-use manner.

Furthermore, the website has a responsive design i.e. an adapted interface when used on a mobile devices or tablet, which makes it easy to navigate on a small screen and guarantees convenient access to the website from anywhere.

## 1.4 Technical implementation

The ENVISION website has been implemented in a way that allows easy maintenance of the website and makes it appealing to its users.

### 1.4.1 WordPress



The website has been created with the online website creating tool [WordPress](#). The tool offers flexible and professional layouts, various additional plugins to integrate interactive features and adjust the website to the project's needs. By default, it also offers responsive designs, i.e. website layouts that adapt to different screen sizes.

For the news section, the WordPress blog module has been used. Posts are arranged in reverse chronological order, so that the most recent news entry is shown on the top left. As the number of posts grows, tags (e.g. month of publication or topic) can be used by the users to filter them according to their needs and interest.

### 1.4.2 Theme

The theme has been customised and adjusted by accelCH to integrate the project design guidelines and to increase readability. Links are displayed in the ENVISION colours or as engaging buttons for direct downloads, and text colour was set to dark grey for the sake of readability.

### 1.4.3 Images and Graphics

To make the website more appealing, images and graphics are used to illustrate given information. This includes using logos for Partners, photos of the consortium, charts (e.g. to explain processes) and image material for the headers – more visuals will follow during the course of the project. The graphics used on the website have been created explicitly for the use within the ENVISION project (e.g. charts).

Further image material, such as the image used for the header, was bought from Stock Images for use in the project.



Figure 2: ENVISION website header image

## 1.5 Website structure

The website is currently structured as follows in order to support the above goals. However, this structure and the web pages are subject to evolve over time and be adapted as the project develops. The EU flag and acknowledgement is displayed at the top of every page, same as the copyright and disclaimer at the bottom.

### 1.5.1 Home / Landing page

**Home:** First time access to the landing page through entering the URL (<https://www.envision-icu.eu>) in an internet browser (e.g. Firefox) or a search engine (e.g. Google) or through a link on a different website (e.g. partner websites). Once on the ENVISION website, users can easily get back on the landing page by either clicking on “Home” in the menu, or the ENVISION logo on the top left.

To make the landing page more engaging and attractive, animations to texts and a news-strip that displays the most recent news entry have been added.

The landing page offers a short description of the project summarising the project, its background, methodology and main goals, as well as a picture of and quote of the coordinator, Prof Kai Zacharowski.

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ENVISION

HOME PROJECT NEWS & MEDIA CONTACT MEMBER AREA

### INTELLIGENT PLUG-AND-PLAY DIGITAL TOOL

FOR REAL-TIME SURVEILLANCE OF COVID-19 PATIENTS AND SMART DECISION-MAKING IN INTENSIVE CARE UNITS

As a reaction to the coronavirus disease, the European Union's Horizon 2020 research and innovation programme has set up an innovation action to support projects developing tools and technologies to improve surveillance and care of COVID-19 patients.

In ENVISION, 21 partners from 13 European countries come together to collect data and increase our knowledge of the disease in order to advance an innovative digital tool, the Sandman.MD, a real-time and plug-and-play monitoring app, to an intelligent decision-support system for monitoring, prediction and treatment of COVID-19 patients in ICUs – the Sandman.ICU. This innovative digital tool enhanced by Artificial Intelligence will be validated at our 13 clinical partners and made available soon afterward.

**NEWS** German medical magazine on ENVISION

**“** Our consortium is determined to support medical staff and patients alike. ENVISION will help intensivists to

**Your privacy**  
We use cookies to improve your experience on our site and to show you personalised advertising. To find out more, read our [privacy policy](#) and [cookie policy](#). **ACCEPT** **X**

Figure 3: ENVISION website, Home / Landing page

When visiting the website for the first time, visitors are asked to accept or decline the cookies used on the website. The privacy policy and the cookie policy can be accessed via links or later in the menu bar, as sub-menus of the “Home”-Menu.

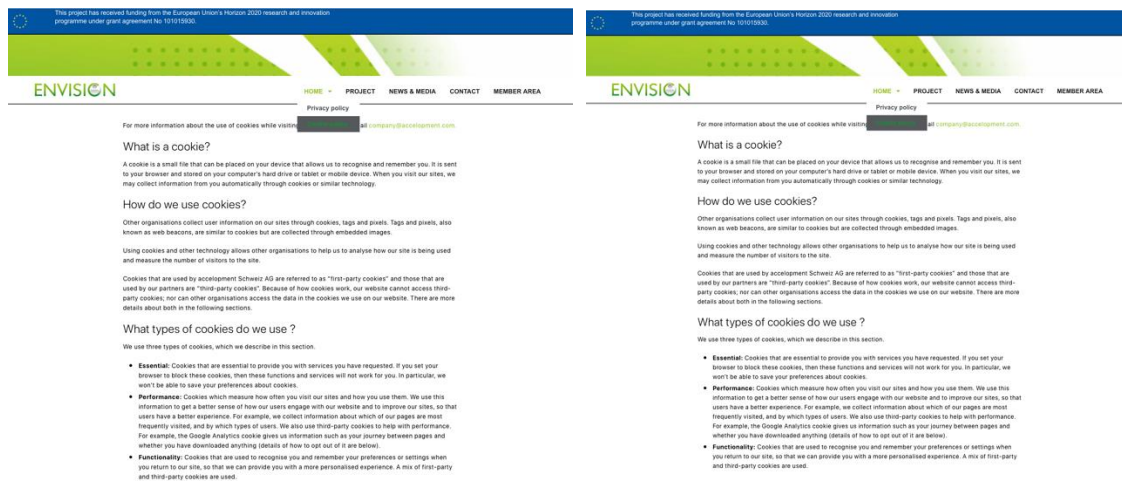


Figure 4: ENVISION website, Privacy and Cookie policy

### 1.5.2 Project

The [Project page](#) comprises the key facts of the project highlighted on the left, as well as a more detailed project description, as well as a list of all partners and the coordinator. On the right, an easy navigation through the project page is offered. An additional page on the project partners, which offers information on the coordinator and each partner individually is currently being set-up. It will include links to the partners' websites and social media.

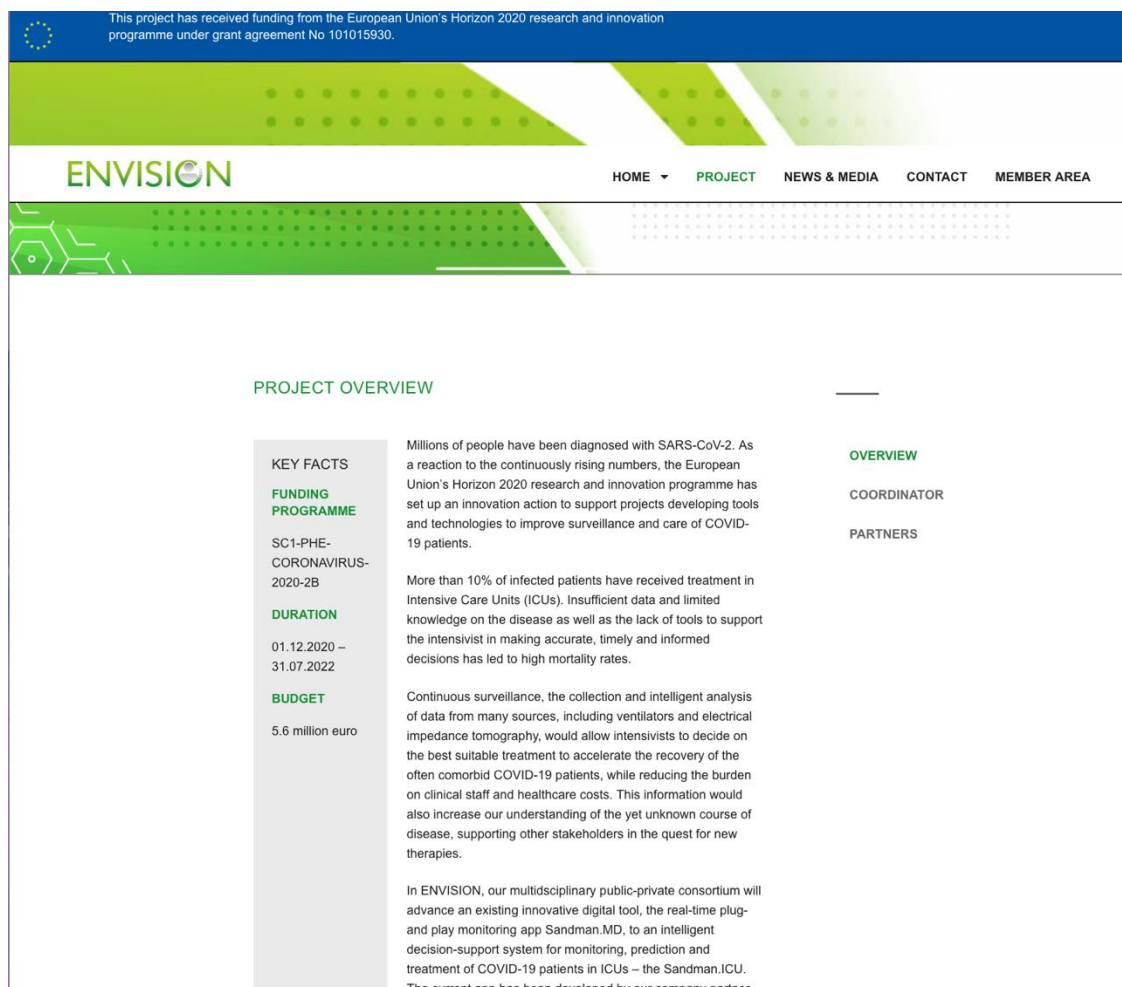


Figure 5: ENVISION website, Project page



### 1.5.3 News & Media

The [News & Media page](#) features news articles, either from press articles on the project or news from the consortium and project results. Whenever there is an update regarding the ENVISION project or news articles that are of interest for the project, a short blog post will be published in on this page. On average, a new blog post will be created every month. Furthermore, any events or publications, in which ENVISION partners are participating or involved, will be announced.

Visitors have the possibility to comment on the articles posted on the news page. Furthermore, outreach material, such as the first press release (an following ones) and a factsheet on the project can be downloaded.

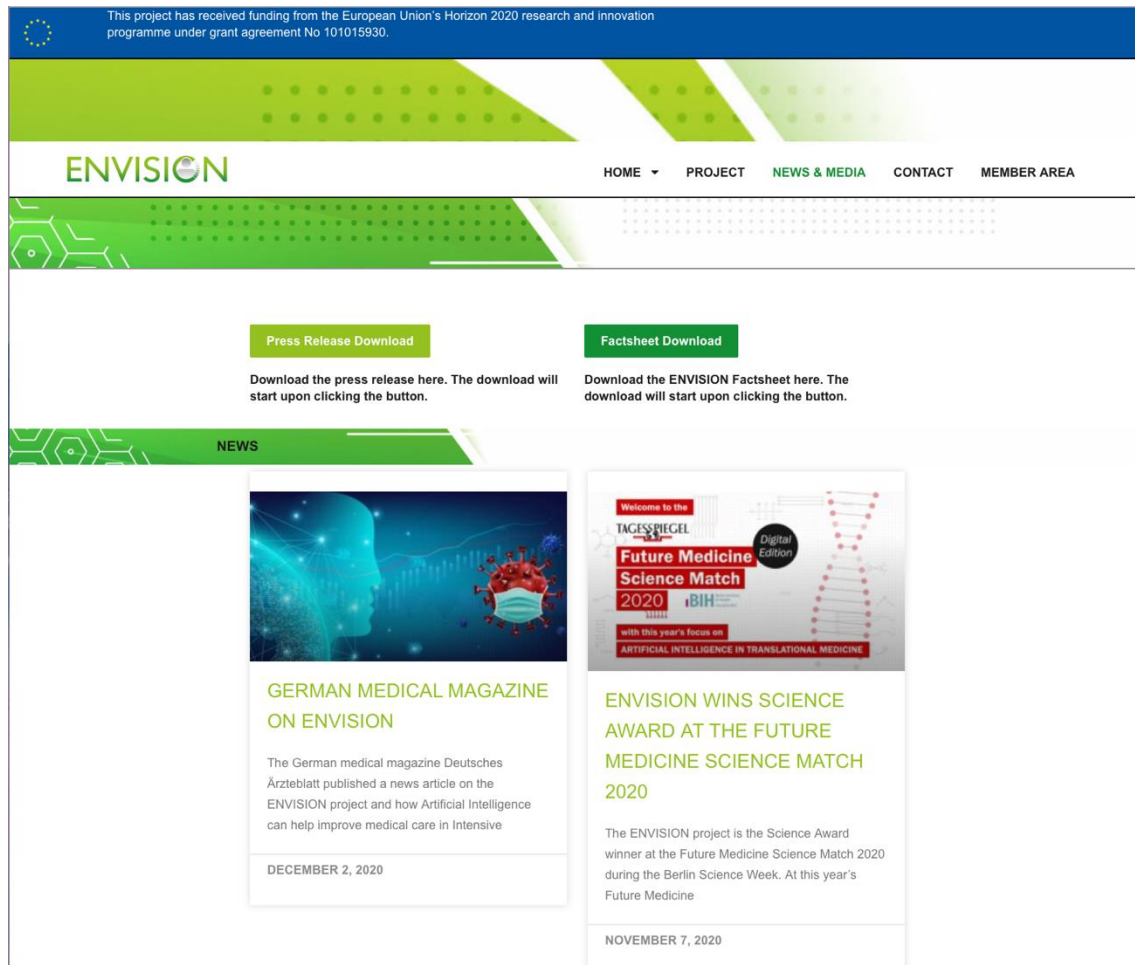


Figure 6: ENVISION website, News & Media page

### 1.5.4 Contact

The [Contact page](#) shows the contact details of our Coordinator, Prof Kai Zacharowski. Visitors can contact him directly via email for questions and inquiries. Social media share buttons to the projects LinkedIn and Twitter are displayed on the contact page as well.

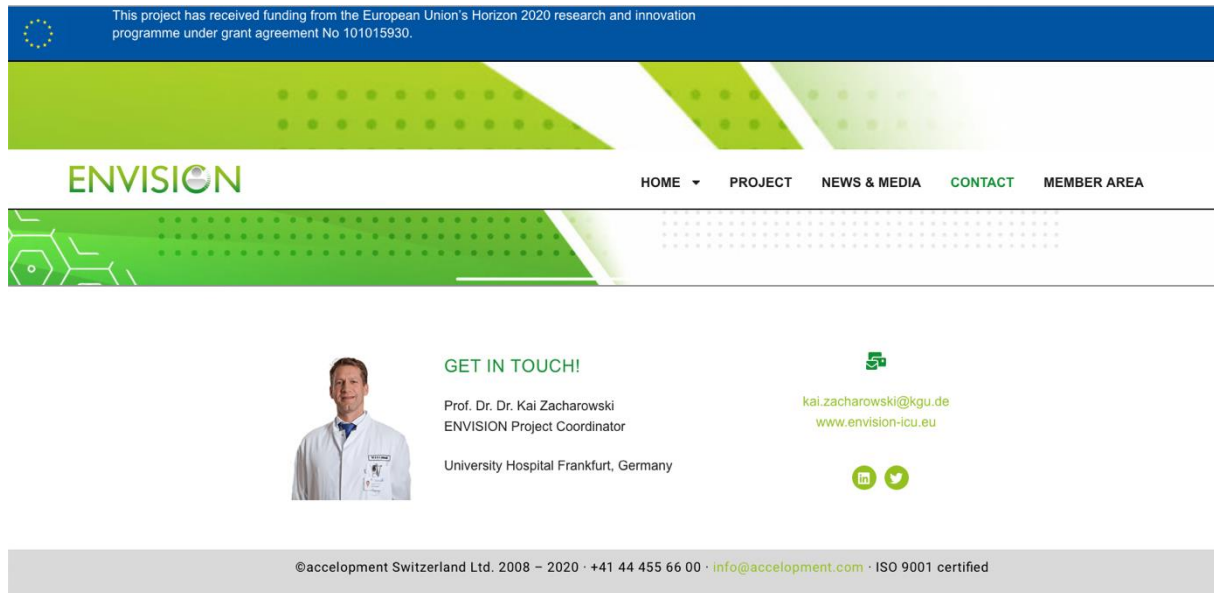


Figure 7: ENVISION website, Contact page

### 1.5.5 Member Area

A [Member Area](#) page has been set up to share regular internal updates and news with the members of the consortium. It includes a link to the shared document repository of the consortium. The member area is password protected. The password was shared with the consortium during the Kick-off meeting in December 2020 and individual accounts for all members to access the repository were set-up.

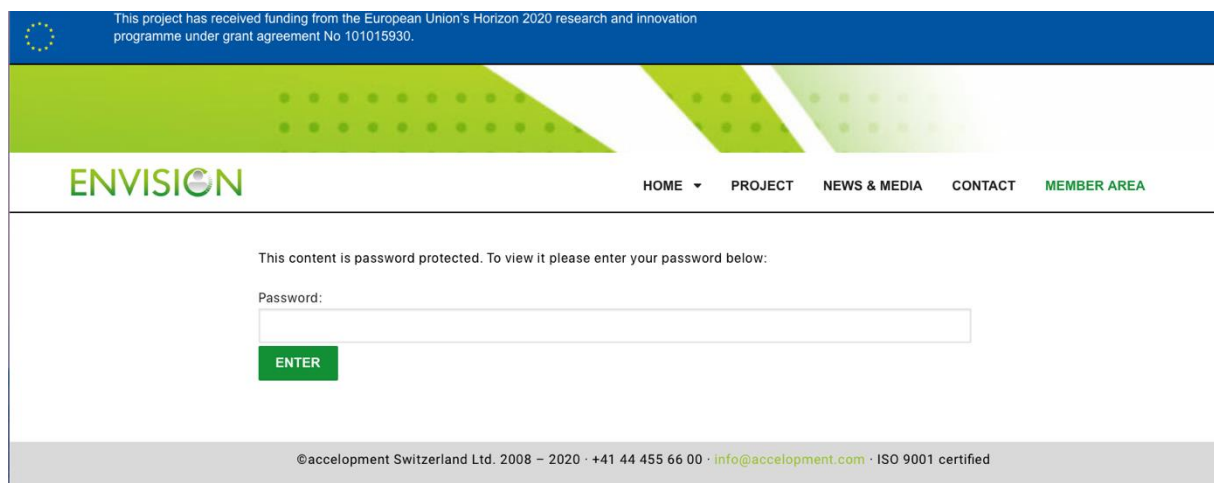


Figure 8: ENVISION website, Member Area page

## 1.6 Development and Maintenance

accelCH regularly reviews the website and will launch quarterly requests to the partners within the ENVISION consortium to collect ideas and suggestions in order to update the website, for example, with new results and project related news.

All ENVISION partners can send (local) news and other information to accelCH to be published on the website. GUF, as coordinator, and accelCH leading *WP6 Outreach and rollout*, decide on the publication of new inputs for the website (IP issues might arise).

accelCH updates the news & media section on a regular basis with upcoming events or news articles related to or of interest for the FRINGE project and its stakeholders.

## 1.7 Outreach measurements and evaluation

accelCH will measure the website's outreach with Google Analytics, which offers not only the possibility to track website traffic (e.g. page views, unique visitors), but can also detect immediate impact of dissemination activities that lead to more page views. The outreach will then be evaluated in order to see if targets have been reached and to identify new outreach measures if necessary.

## 1.8 Outlook

The consortium envisages complementing the website with (audio-) visual material and other features. As the project progresses and yields first results, elements will be incrementally added to the website. The structure of the ENVISION website will be adapted by accelCH to include relevant information and new pages when needed, as it will be the case for the dedicated page on the project partners.