



Combining Artificial Intelligence and smart sensing  
TOWard better management and improved quality  
of LIFE in chronic obstructive pulmonary disease

## D8.1 - Project website

### Project Information

<b>Grant Agreement Number</b>	101057103
<b>Project Full Title</b>	Combining Artificial Intelligence and smart sensing TOWard better management and improved quality of LIFE in chronic obstructive pulmonary disease
<b>Project Acronym</b>	TOLIFE
<b>Topic</b>	HORIZON-HLTH-2021-DISEASE-04-04
<b>Type of action</b>	HORIZON Research and Innovation Actions
<b>Granting authority</b>	European Health and Digital Executive Agency
<b>Start date of the project</b>	01 September 2022
<b>Duration</b>	54 months
<b>Project Coordinator</b>	Alessandro Tognetti (UNIFI)
<b>Project Website</b>	<a href="http://www.tolife-project.eu">www.tolife-project.eu</a>

### Deliverable Information

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<b>Reviewers</b>	Alessandro Tognetti (UNIFI)
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<b>Delivery date to EC</b>	29/11/2022

## Dissemination Level

PU	Public, fully open, e.g. web (Deliverables flagged as public will be automatically published in CORDIS project's page)	<b>x</b>
SEN	Sensitive, limited under the conditions of the Grant Agreement	
Classified R-UE/EU-R	EU RESTRICTED under the Commission Decision No2015/444	
Classified C-UE/EU-C	EU CONFIDENTIAL under the Commission Decision No2015/444	
Classified S-UE/EU-S	UE/EU-S – EU SECRET under the Commission Decision No2015/444	

## Document Log

Version	Date	Description of Change
V1.0	21/11/2022	First draft



## Table of Contents

1	Executive Summary .....	4
2	Introduction.....	4
3	Main Objectives.....	5
4	Description of work .....	6
4.1	Public website.....	6
4.1.1	Home Page.....	7
4.1.2	Project.....	10
4.1.3	Pulmonary Disease .....	12
4.1.4	Clinical Studies .....	14
4.1.5	Status .....	15
4.1.6	News & Events.....	16
4.1.7	Publications .....	18
4.1.8	Partners .....	19
4.1.9	Communication toolkit .....	20
4.1.10	Contacts .....	21
5	Conclusion .....	22

## List of Figures

Figure 1: Home page - upper part .....	7
Figure 2: Home page - central part.....	8
Figure 3: Home page - bottom part.....	9
Figure 4: Project.....	10
Figure 5: Project.....	11
Figure 6: Pulmonary Disease .....	12
Figure 7: Pulmonary Disease .....	13
Figure 8: Case studies .....	14
Figure 9: Status .....	15
Figure 10: News and events .....	16
Figure 11: Example of a news.....	17
Figure 12: Publications .....	18
Figure 13: Partners .....	19
Figure 14: Communication toolkit.....	20
Figure 15: Contacts.....	21



# 1 Executive Summary

Deliverable 8.1 is a report on TOLIFE Project website, which can be considered as one of the most relevant dissemination tools to be used by the project consortium to reach a wide public and communicate project progress and results. Therefore, the main content of this document is focused on the description of the project website in terms of design, structure, and contents.

# 2 Introduction

The development of the website of TOLIFE project is one of the activities related to WP8 dealing with the Dissemination, Communication and Exploitation of the results of the project.

BEWARRANT has been in charge of the development of the website with the assistance and the advice of the Project Coordinator.

The website can be found in the following URL: <https://www.tolife-project.eu>



### 3 Main Objectives

Project websites are one of the main communication tools of projects funded under the Horizon Europe Programme. To ensure maximum visibility to the TOLIFE objectives and results we have set up a project website registered in the “eu” domain and with intuitive URLs to increase hit rates:

<https://www.tolife-project.eu>

The design of the website builds upon the following criteria:

- I. **Visual communication:** use of colours and photos, web pages are easy to browse, information is kept short, and links are included to websites, publications, and so on.
- II. **Verbal communication:** the website uses simple phrasing, no jargon is used to attract the widest possible audience, e-devices are user friendly.
- III. **Visibility:** maximum use of free or affordable methods to increase page ranking on search engines, Webmaster Tools provided by search engines to check indexing status, good cross-linking between the different pages of the site, adding keywords to the web page metadata; use of frequently used keyword search phrases both in the metadata and in the content's pages.
- IV. **Regular update of contents:** the website is maintained by BEWH, and the updating will be regularly done by the Webmaster upon inputs of the Project Dissemination Manager and of partners, the use of social media (Social networks such as Twitter and LinkedIn) has been considered.
- V. **Monitoring and feedback tools:** the website is linked to Google Analytics and Google Search Console to measure the number of visits and analyse the traffic both from a quantitative and quality point of view.



## 4 Description of work

### 4.1 Public website

The public section of TOLIFE website provides:

- a brief overview of the project and further details about its objectives, structure and expected impacts;
- the composition of the project consortium, the links to the partners' websites and the contact of the project coordinator;
- access to the project public deliverables and to the dissemination material prepared (e.g. brochures, posters, press release and presentations);
- information about TOLIFE news & events, such as TOLIFE meetings and workshops, as well as conferences and external events where the project will have an active role (e.g. presentation of paper(s), organisation of sessions, stands with demos, etc.).

The public website has several sections and sub sections devoted to present the project to external visitors, all accessible from the home page and described into details in the following paragraphs.

In each section, at the bottom of the pages, you can find:

- ✓ the acknowledgement of the EU co-funding, also by the inclusion of the relevant logo claiming that "Funded by the European Union. Views and opinions expressed are however those of the author(s) only and do not necessarily reflect those of the European Union or the European Health and Digital Executive Agency (HADEA). Neither the European Union nor the granting authority can be held responsible for them";
- ✓ the logos of TOLIFE social profiles: [Twitter](#) and [LinkedIn](#);
- ✓ some TOLIFE project details.

Moreover, each page shows an icon, in the shape of a plus, that opens when clicked showing the feeds of the main TOLIFE's social networks.



### 4.1.1 Home Page

The home page of the website introduces TOLIFE project, showing the link to the most relevant pages of the of the website.

On the top part of the home page (see Figure 1), the logo and the full name of the project can be seen. The acknowledgment of the EU funds and the participation of the project to Horizon Europe is prominently shown in the upper part of the home page. Below it, some links to the main website pages are shown: in this way, the user can easily find the page dedicated to the project main objectives and expected impacts and the page dedicated to the description of the project clinical studies. A further section displays the latest news, the forthcoming events, and the Twitter feed (see Figure 2).

By scrolling to the bottom of the page (see Figure 3), a link to the partners section is provided and the main figures of the project are shown:

- the total EU contribution;
- the number of partners;
- the duration of the project.

At the bottom of the home page, the “Contacts” page link has been indicated.

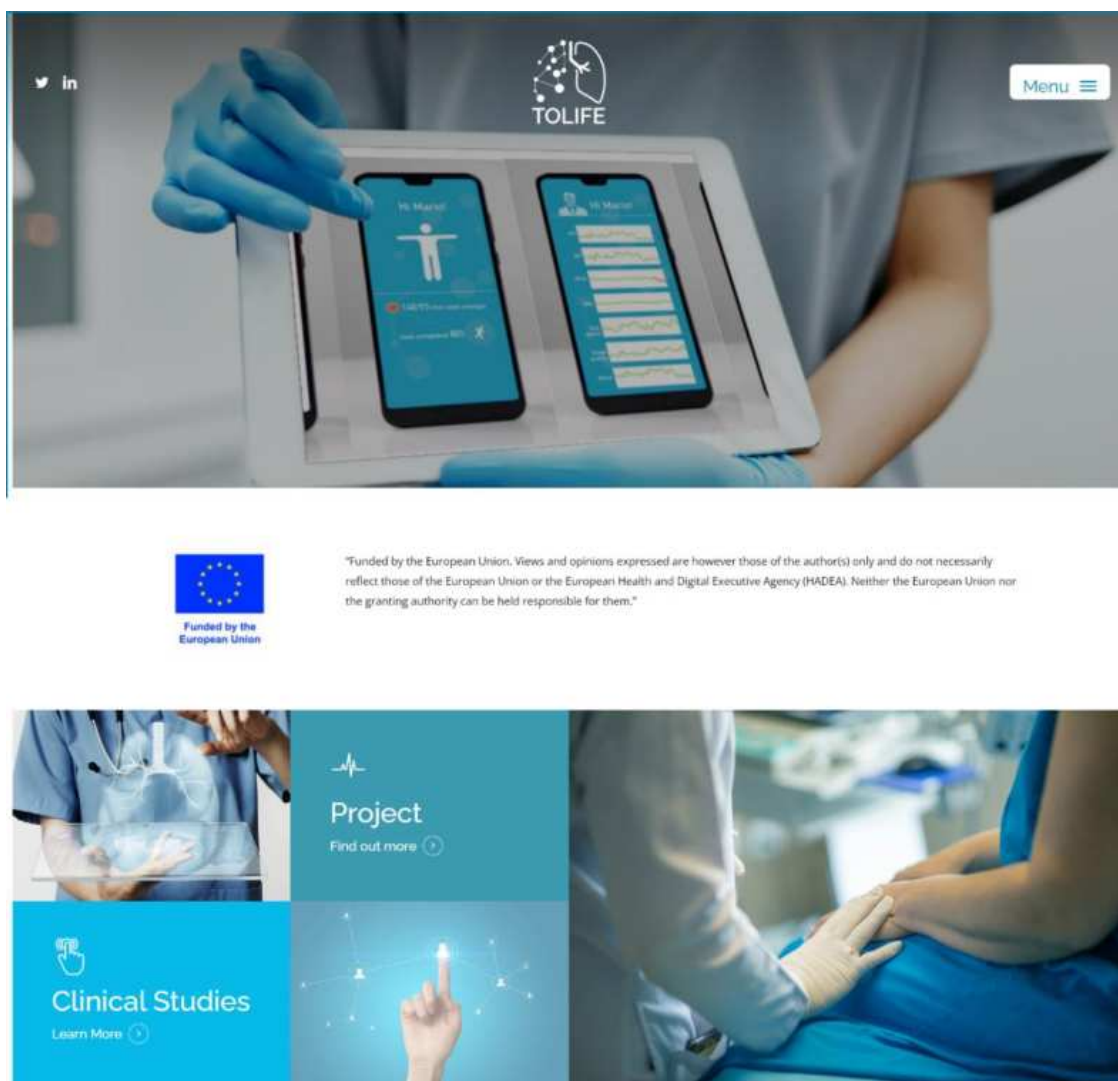


Figure 1: Home page - upper part



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European Union

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## OUR NEWS

Recent Tweet  
FOLLOW US!



Figure 2: Home page - central part





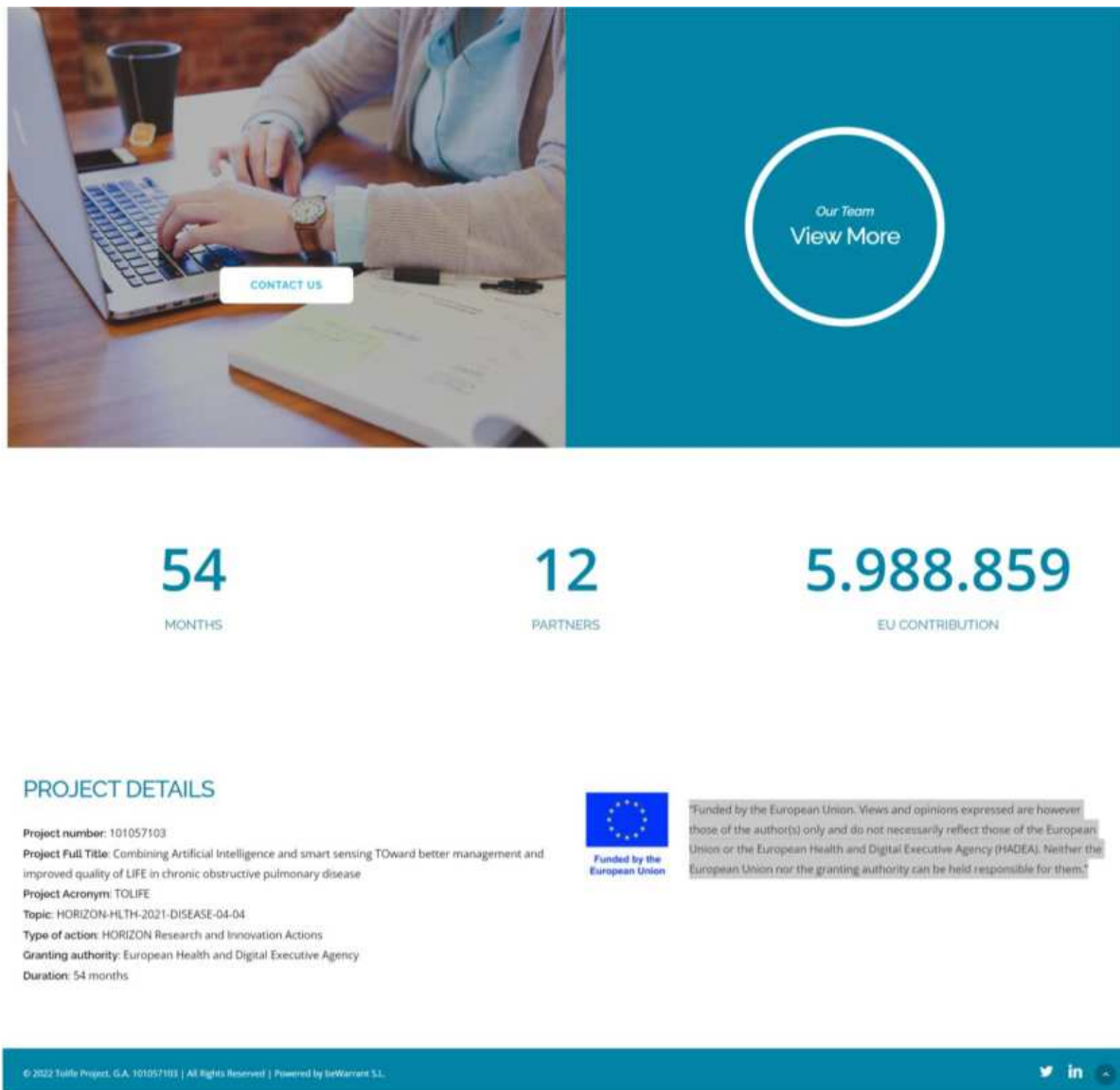


Figure 3: Home page - bottom part



### 4.1.2 Project

The label “Project” on the main menu introduces to a page (see Figures 4 and 5) dedicated to the project aims, main objectives and expected results.



### Objectives



#### ARTIFICIAL INTELLIGENCE

To clinically validate an Artificial Intelligence based solution able to smartly process daily life patient-specific data captured by unobtrusive sensor technologies for optimised and personalised treatment, prediction of exacerbations, assessment of health outcomes and improved quality of life in chronic obstructive pulmonary disease.



#### NEW SOFTWARE TOOL

Analytics tools able to process patterns of daily life patient-specific data to predict exacerbations and assess the health outcomes and to inform patients and caregivers on health outcomes, proposing treatment and lifestyle indications.



#### COLLECTION DATA

To develop a multisource platform for the collection and integration of daily life patient-specific data for supporting on going and future research on chronic obstructive pulmonary disease monitoring and management.

Figure 4: Project





## Expected results

According to the survey on "Chronic Obstructive Pulmonary Disease in EUROPE" published by the TOLIFE partner EFA, it is estimated that over 80% of all COPD patients are managed by general practitioners.

The survey emphasizes that good coordination between general practitioners and pulmonary specialists is critical for effective management of COPD patients. In Europe, it is estimated that there are around **335,000** general practitioners and **19,500** pulmonary specialists, treating **44 million** COPD patients. Considering these numbers, it is clear how the **TOLIFE AI-based** approach has the potential to impact on a huge number of professionals and to improve the quality of their work, with the final goal of improving patient health and quality of life. In particular, the coordination between general practitioners and pulmonary specialists will be highly increased with the possibility to follow remotely multiple patients.

Considering the typical multidisciplinary team that has to follow a COPD patient, the number of users reached by TOLIFE grows considerably: specialists related to the multiple comorbidities, COPD nurses, respiratory therapists, lung function technicians.

## Clinical studies

In TOLIFE, two clinical studies will be conducted

### Clinical Study A



### Clinical Study B



## PROJECT DETAILS

Project number: 101057103

Project Full Title: Combining Artificial Intelligence and smart sensing Toward better management and improved quality of LIFE in chronic obstructive pulmonary disease

Project Acronym: TOLIFE

Topic: HORIZON-HEALTH-2021-DISEASE-04-04

Type of action: HORIZON Research and Innovation Actions

Granting authority: European Health and Digital Executive Agency

Duration: 54 months



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Figure 5: Project



### 4.1.3 Pulmonary Disease

This page (see Figures 6 and 7) is dedicated to the description of the Chronic obstructive pulmonary disease with the aim of giving an overview of the main issues related to this problem and highlighting how TOLIFE project will have a positive impact in the monitoring of the patients affected to this disease.

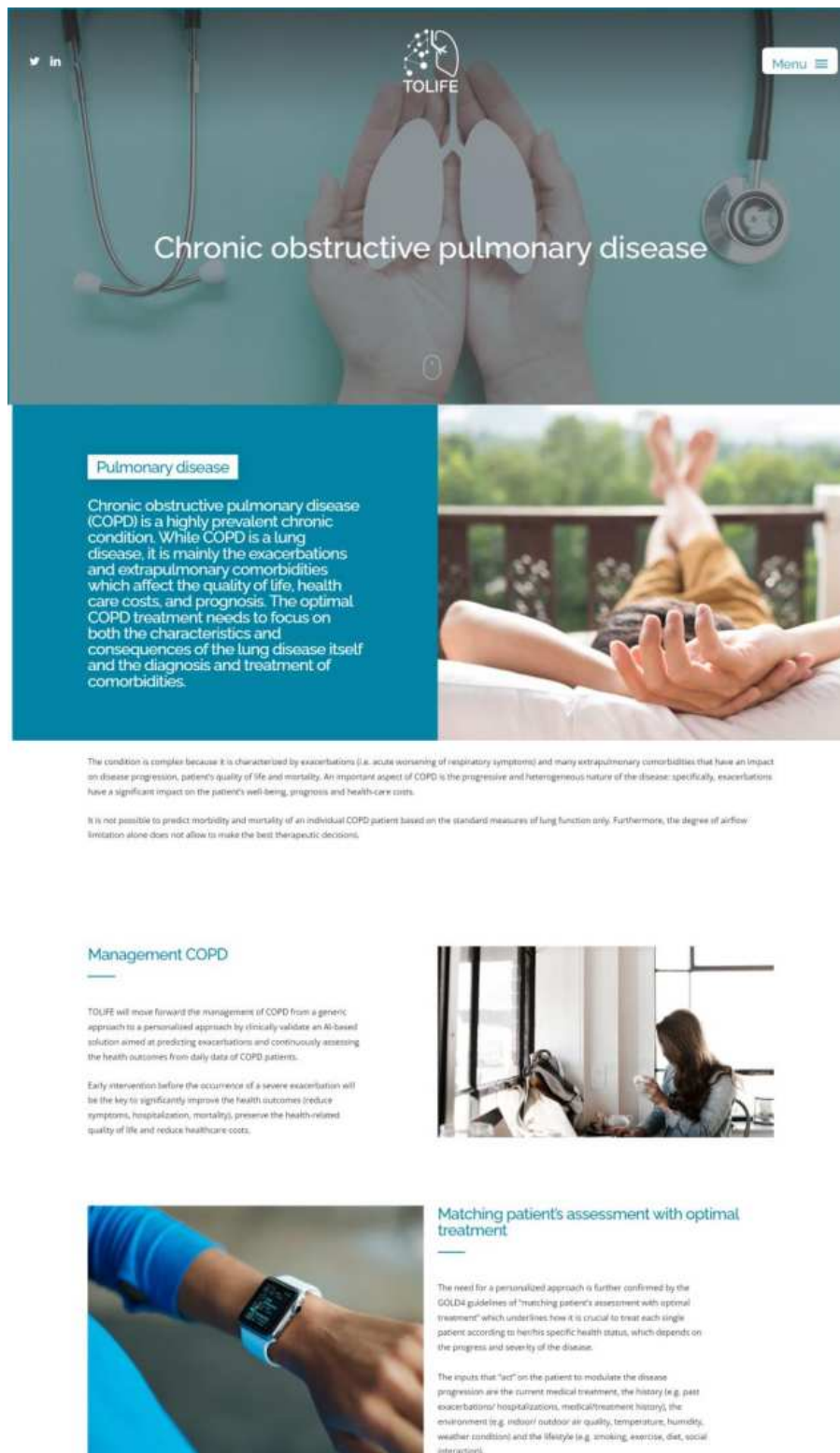


Figure 6: Pulmonary Disease



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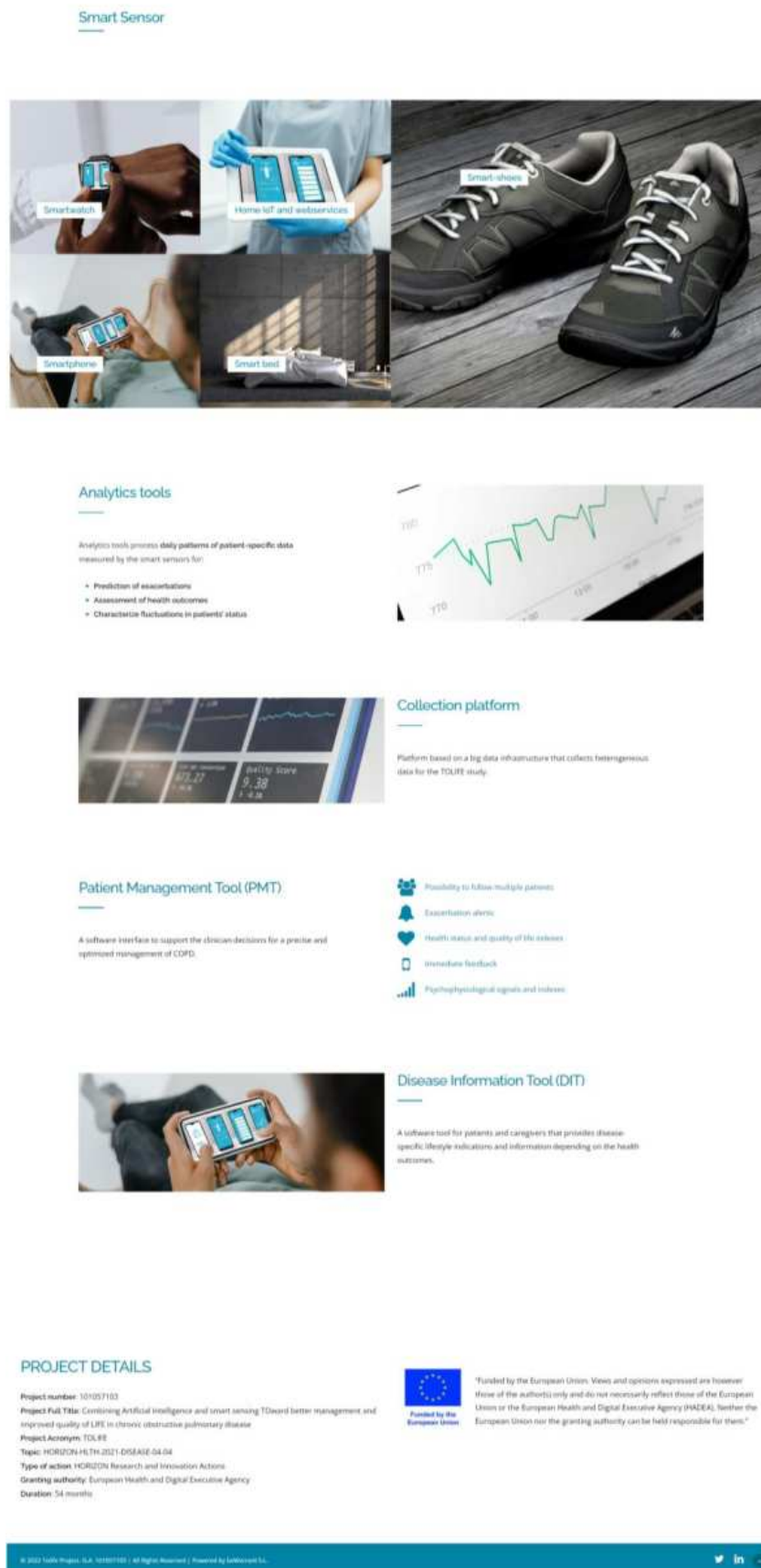


Figure 7: Pulmonary Disease



#### 4.1.4 Clinical Studies

The page “Clinical studies” (see Figure 8) is dedicated to the two different clinical studies that will be performed inside the project.



Figure 8: Case studies



#### 4.1.5 Status

This page (see Figure 9) shows the status of the different work packages, giving evidence of the activities progress in percentage. Inside this page, all the public deliverables will be available for download.

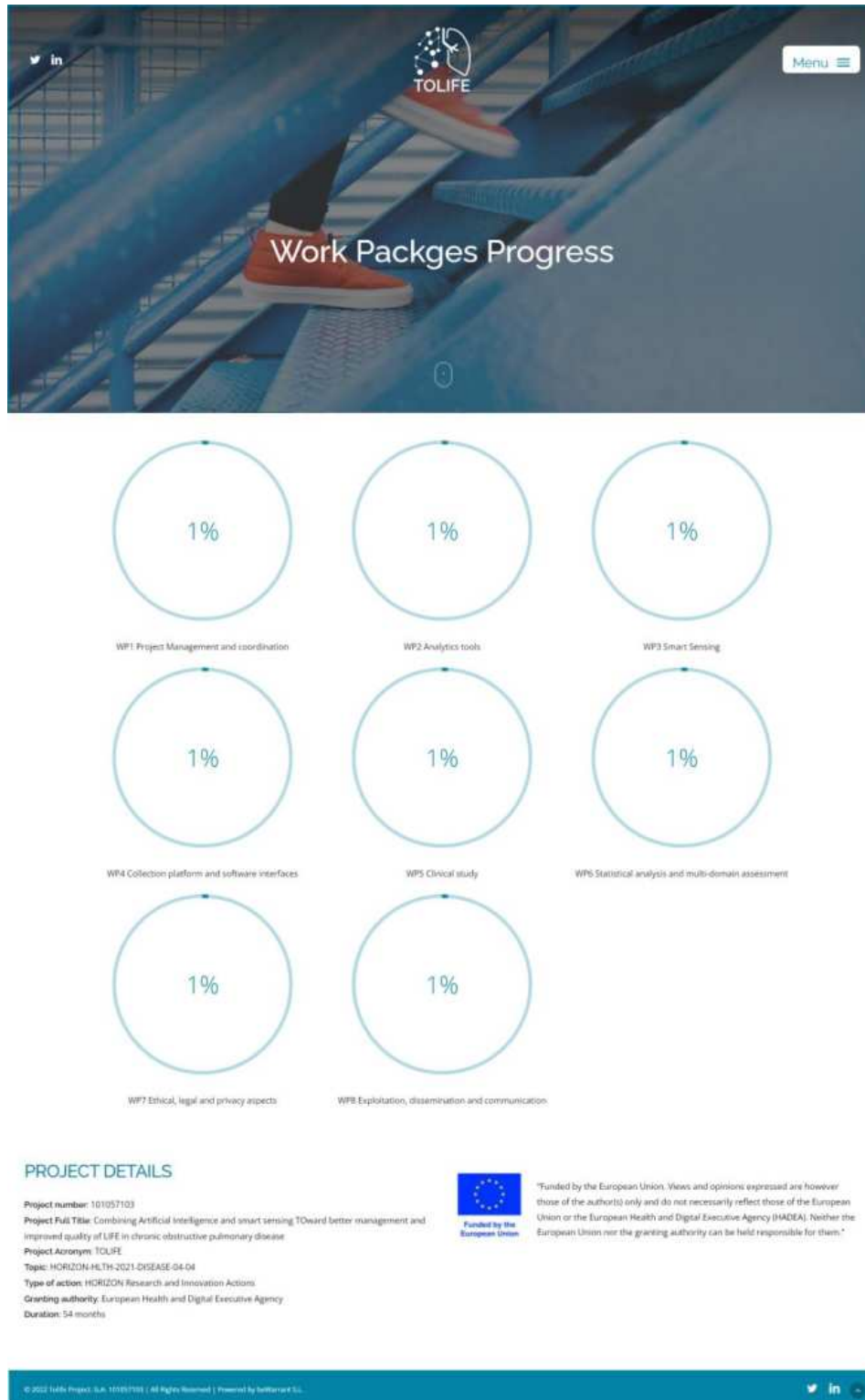


Figure 9: Status





#### 4.1.6 News & Events

This section shows the complete list of events of TOLIFE project (past and forthcoming), and the latest news shown by the Twitter feed (see Figure 10).

Clicking on each event, it is possible to find further information about the main themes addressed by it, its main results and to see some pictures.

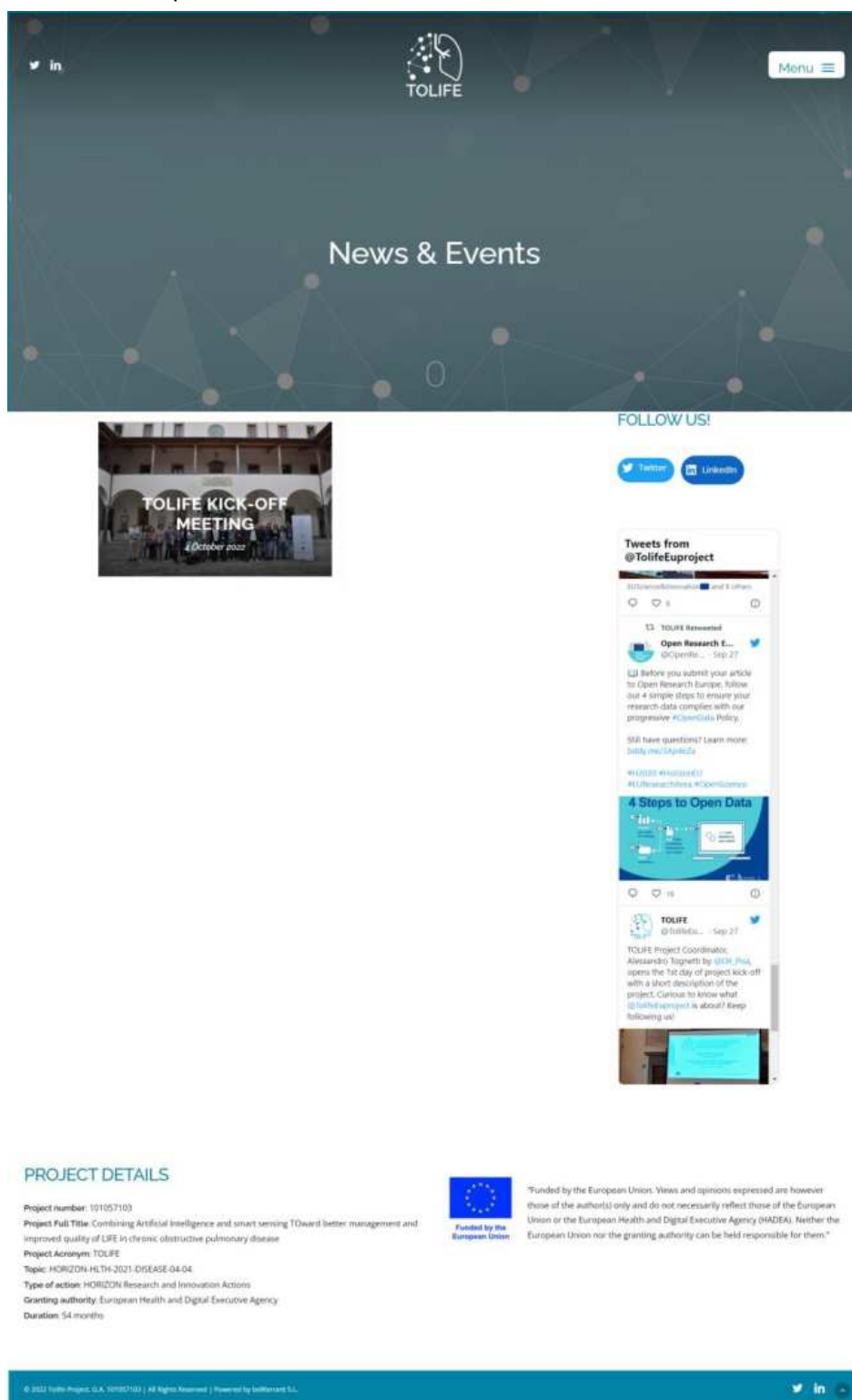
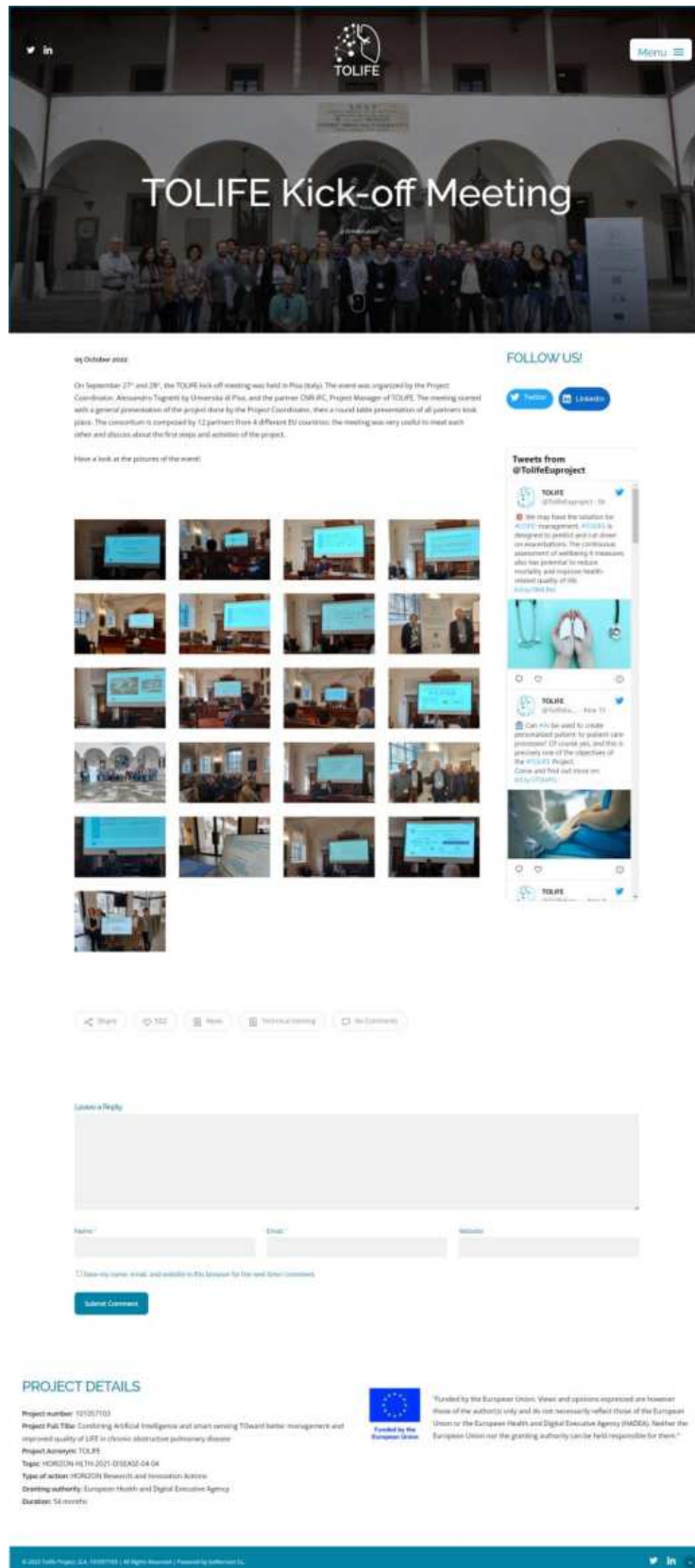


Figure 10: News and events





The screenshot shows a news article titled "TOLIFE Kick-off Meeting" on a project website. The article includes a large photo of the meeting, a date "05 October 2022", and a "FOLLOW US!" section with social media links for Twitter and LinkedIn. The main text describes the meeting held in Pisa, Italy, on September 27th and 28th, organized by the Project Coordinator, Alessandro Taglienti. It mentions the presence of the Project Manager, Dr. B. C. and the Project Manager of TOLIFE, and the participation of 12 partners from 4 different EU countries. The article also includes a section for "Tweets from @TolifeProject" and a "Leave a Reply" form. At the bottom, there is a "PROJECT DETAILS" section with information about the project number, title, acronym, topic, type of action, and funding source.

**TOLIFE Kick-off Meeting**

05 October 2022

On September 27<sup>th</sup> and 28<sup>th</sup>, the TOLIFE kick-off meeting was held in Pisa (Italy). The event was organized by the Project Coordinator, Alessandro Taglienti, by Università di Pisa, and the partner ODS-IRC, Project Manager of TOLIFE. The meeting started with a general presentation of the project done by the Project Coordinator, then a round table presentation of all partners took place. The consortium is composed by 12 partners from 4 different EU countries; the meeting was very useful to meet each other and discuss about the first steps and activities of the project.

Here a look at the pictures of the event:

**Tweets from @TolifeProject**

**PROJECT DETAILS**

Project number: 101057103  
 Project Full Title: Combining Artificial Intelligence and smart sensing TOLIFE to better manage and improve quality of life in chronic obstructive pulmonary disease  
 Project Acronym: TOLIFE  
 Topic: HORIZON HEALTH 2021-DISEASE-04-04  
 Type of action: HORIZON Research and Innovation Action  
 Granting authority: European Health and Digital Executive Agency  
 Duration: 36 months

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Figure 11: Example of a news



### 4.1.7 Publications

The page called “Publications” (see Figure 12) will show all the scientific publications published by the partners and the press release related to the project.

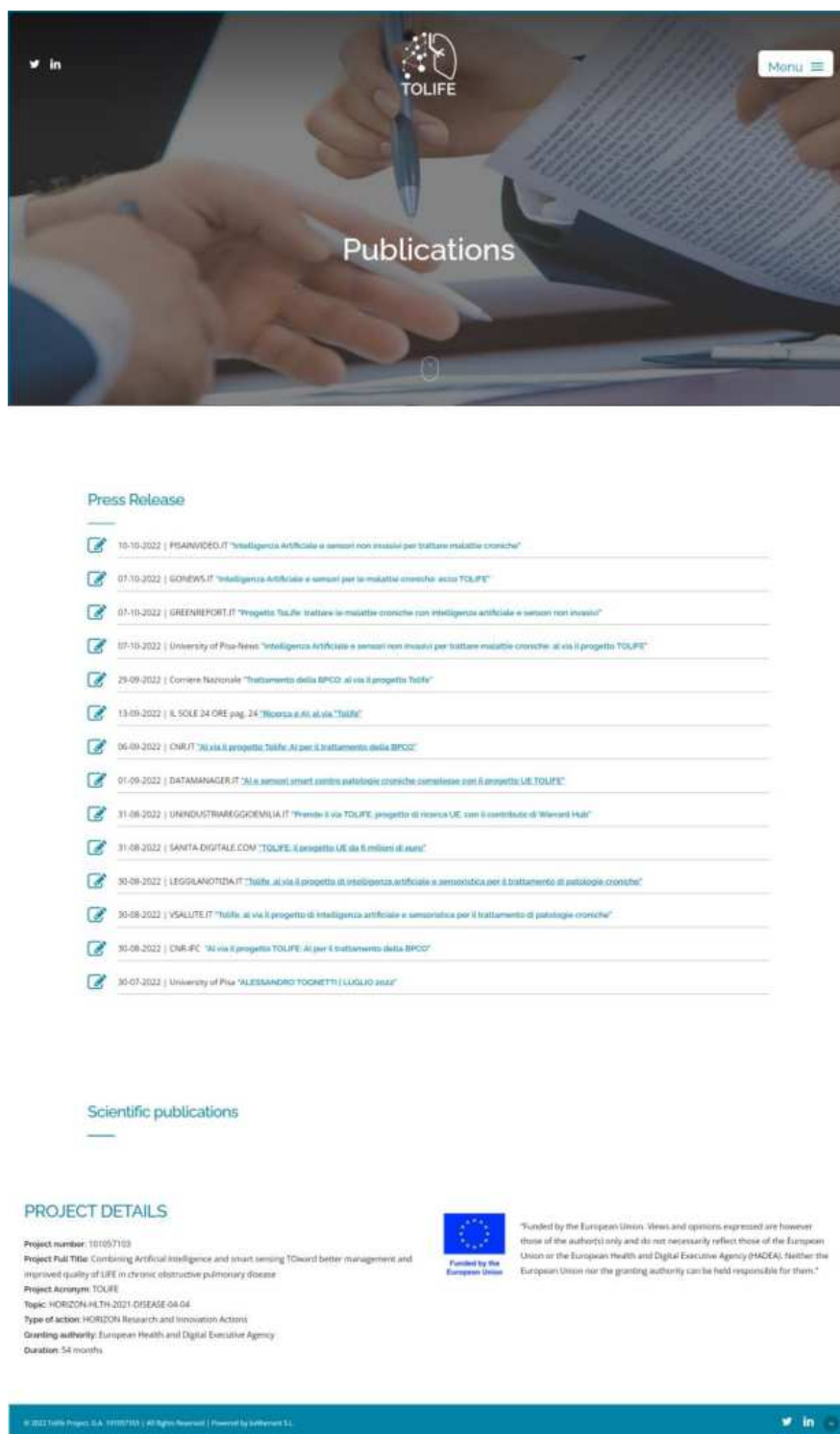


Figure 12: Publications



#### 4.1.8 Partners

In this section (see Figure 13) the list of TOLIFE's partners is displayed. For each partner the logo is shown and a description of the partner and its role in the project is described.

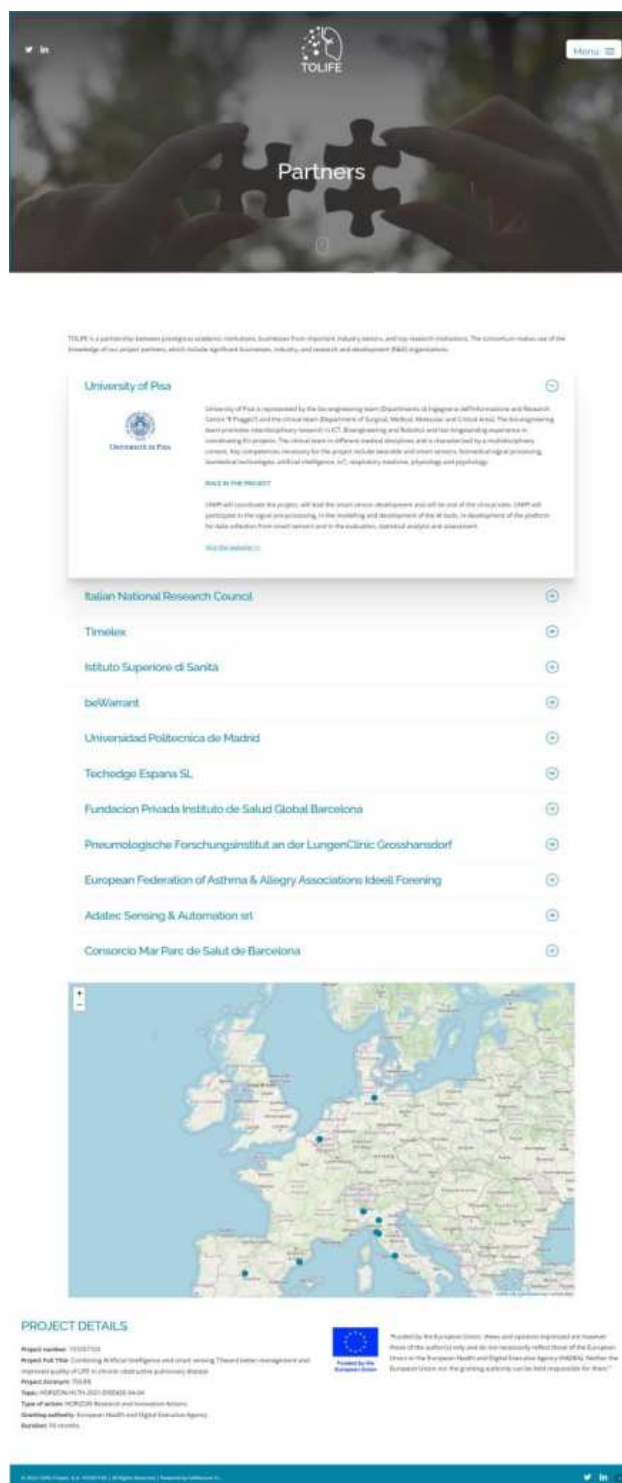


Figure 13: Partners



#### 4.1.9 Communication toolkit

All the project Communication material will be available for download inside the “Communication Toolkit” page (see Figure 14).

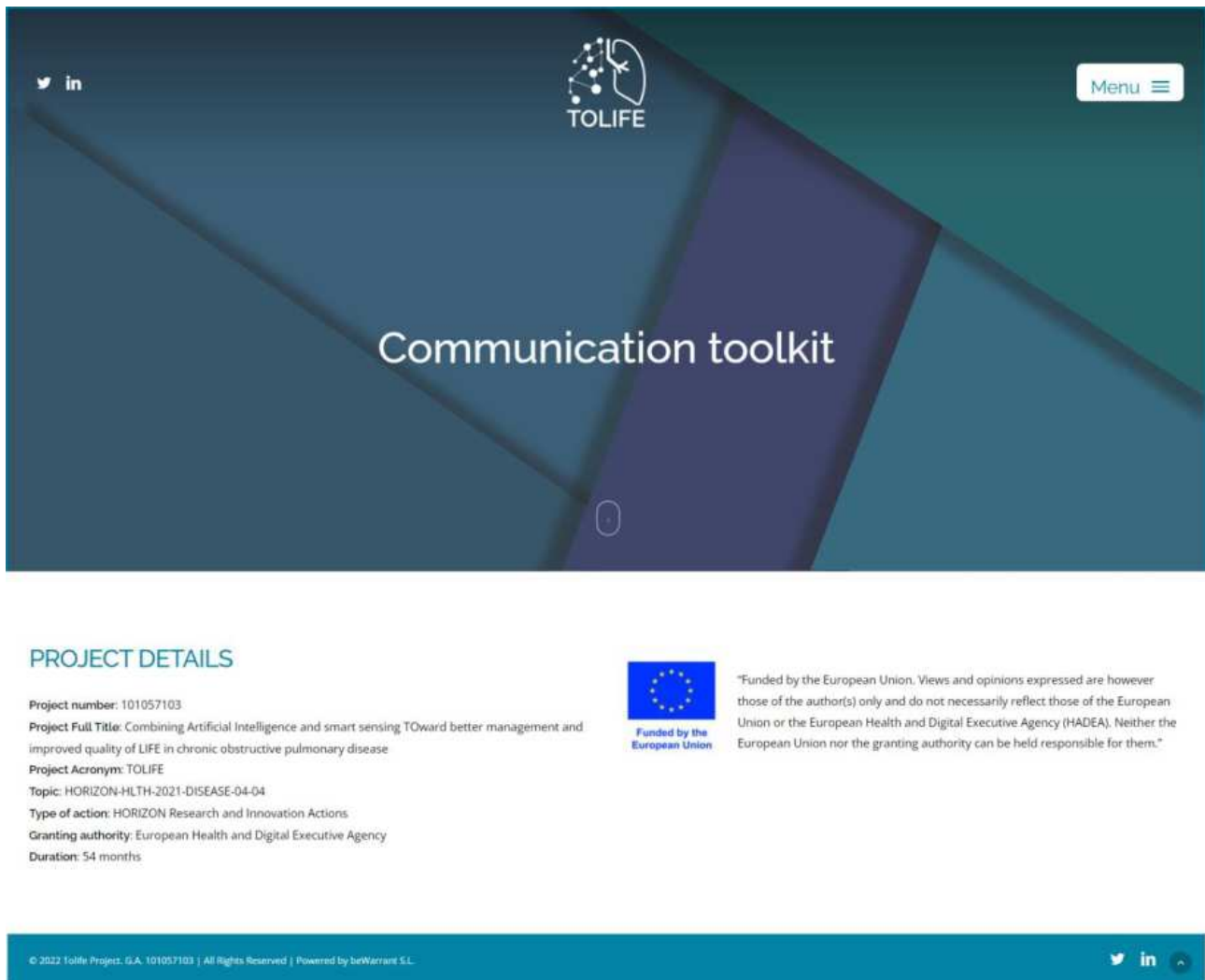


Figure 14: Communication toolkit



#### 4.1.10 Contacts

This section (see Figure 15) enables people to get in touch easily with the Project Coordinator, the Dissemination Manager, the Project Manager, and the Technical Manager of the project whose membership organization and e-mail address are provided.

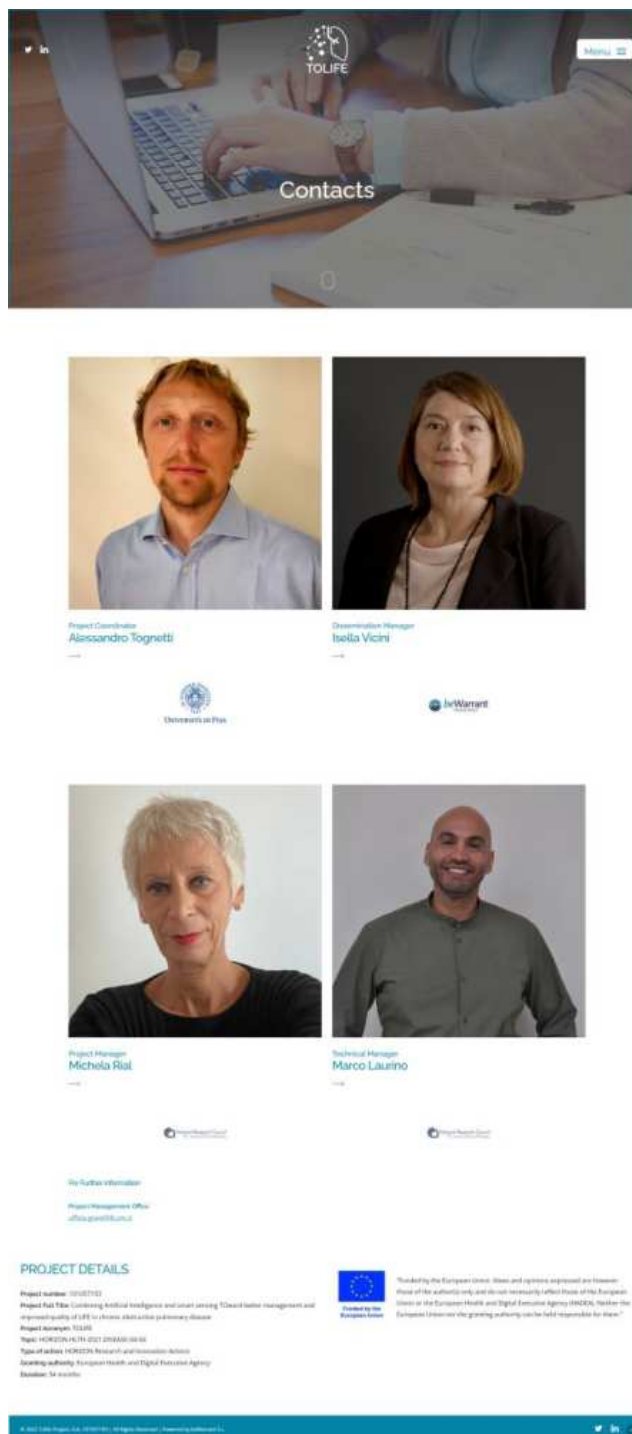


Figure 15: Contacts



## 5 Conclusion

TOLIFE project website will be periodically updated by BEWH with the contribution of all the partners of the project. The updates on the website will be related to new conferences and events in which the project will participate, news and/or publications related to TOLIFE, images and updates from project meetings; public deliverables will be uploaded in the “Status” section. Finally, a section dedicated to the results of the project will be created: data and images of the materials and technologies developed in the project will be published inside it.

