



**MED1stMR**  
Mixed Reality Training

**TRAIN**  
[SKILLS.  
RESILIENCE.  
PERFORMANCE]  
**SAVE LIVES**

## D8.2

### Project Website

**Version**  
V1.0

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## Versions

Version	Date	Author(s)	Description
<b>V0.1</b>	02/08/2021	Valerie Schlagenhaufen (USE)	First Draft
<b>V0.2</b>	18/08/2021	Krtolica Jovana (AIT)	Additions to the technical background (chapter 3)
<b>V0.3</b>	05/09/2021	Valerie Schlagenhaufen (USE)	Screenshots and description of pages added
<b>V0.4</b>	10/09/2021	Gerhard Helletzgruber (USE)	Revision and feedback
<b>V0.5</b>	12/09/2021	Valerie Schlagenhaufen (USE)	Version sent to the consortium for feedback
<b>V0.6</b>	23/09/2021	Georg Regal (AIT) Vendula Rajdlova (AIT)	Content review and alignment of the template structure
<b>V0.7</b>	27/09/2021	Valerie Schlagenhaufen (USE)	Integration of feedback from the consortium
<b>V1.0</b>	30/09/2021	Vendula Rajdlova (AIT)	Final editing


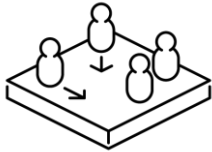
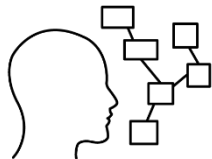
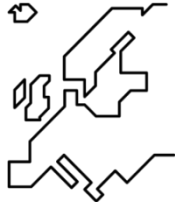
## Report Review

Version	Date	Reviewer(s)	Statement
<b>V0.4</b>	10/09/2021	Gerhard Helletzgruber (USE)	Minor adaptations
<b>V0.6</b>	23/09/2021	Georg Regal (AIT) Vendula Rajdlova (AIT)	Content review coordinator
<b>V1.0</b>	30/09/2021	Helmut Schrom-Feiertag (AIT)	Final review

## List of Acronyms and Abbreviations

Acronym/ Abbreviation	
KPI	Key performance indicator
SEO	Search engine optimisation
VR	Virtual Reality

## Relation to Objectives

Objective	Description
	<p><b>Obj. 1: Pioneering MR training approach for enhanced realism</b></p> <p>The project website as presented in this deliverable D8.2 contributes to the project as a whole and therefore also to Obj. 1 by raising the awareness on the topics and innovation potential of MED1stMR.</p>
	<p><b>Obj. 2: Effective training scenarios and a training curriculum</b></p> <p>The project website as presented in this deliverable D8.2 contributes to the project as a whole and therefore also to Obj. 2 by raising the awareness on the topics and innovation potential of MED1stMR.</p>
	<p><b>Obj. 3: Physiological signal and trainee behaviour feedback loop and smart scenario control</b></p> <p>The project website as presented in this deliverable D8.2 contributes to the project as a whole and therefore also to Obj. 3 by raising the awareness on the topics and innovation potential of MED1stMR.</p>
	<p><b>Obj. 4: Position the pioneering MR training approach across Europe</b></p> <p>The project website highly contributes to Obj. 4 since it promotes the dissemination and communication of project results, training concepts and showcases of the MED1stMR training throughout Europe as a pioneering approach. Thereby, discussions and an exchange of knowledge across countries and first responder organizations is stimulated.</p>

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## Executive summary

The MED1stMR website is part of WP8 “Dissemination, Exploitation & Communication”, and the description is dealt within the Deliverable D8.2. This deliverable provides an overview of the structure, contents, goals and KPIs of the MED1stMR project website. It addresses all stakeholders, such as (possible) end users, developers and academic institutions and aims to provide a constant source of relevant information about the project. The website is maintained and updated by WP8 lead USE with the support from all project partners according to the developments of the MED1stMR project. The website is developed with Wordpress, [Theme Sydney], which enables detailed modifications and customisations according to the needs of a successful dissemination. The website has been constructed on the basis of usability standards and ensures a clear and user friendly navigation.

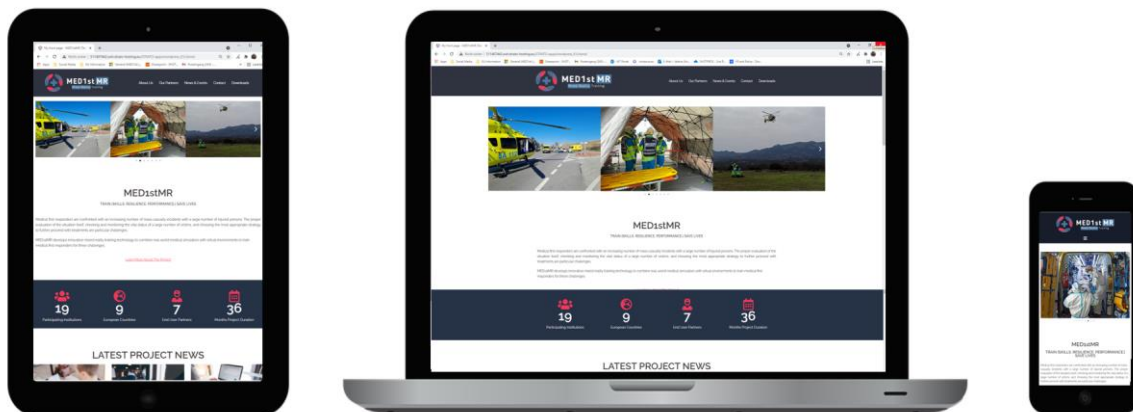


Figure 1: MED1stMR website (tablet - desktop - mobile)

# 1 Introduction

**Link:** [www.med1stmr.eu](http://www.med1stmr.eu)

The project website is the key channel for communication and dissemination of MED1stMR and addresses all identified target audiences (see D8.1). It is set up in M02-M04 and can be accessed online by M04. The content includes information about the project's objectives, activities, work progress, events, consortium partners, accomplishments, and results. WP8 lead USE is responsible to update this website periodically with information provided by all the partners. The design of the website is conformed to the visual identity of MED1stMR.

The website was designed to be professional, market-facing and responsive and it will be regularly maintained using different formats, such as

- Webinars
- Articles
- Video clips
- Practical guides
- Brochures
- etc.

General content about the project as well as links to the public project deliverables (once they are available) will be published here.

The KPIs (key performance indicators) for the MED1stMR website per project year and in total are presented in the table below:

*Table 1: KPIs for the website*

KPIs Website	Year 1	Year 2	Year 3	Total
Number of unique visitors on the website	1500	1500	1500	4500
Cumulated number of referring websites	2	5	10	10



## 2 Structure of the website

This chapter outlines the structure of the website and the content that is (planned to be) presented there. The screenshots aim to provide a better impression, however, they only reflect the status of the website at the time of writing this deliverable (M3-4) and may be adapted in the course of the project. The following sub-chapters are aligned with the structure of the sub-pages on the website.

### 2.1 Header menu

The static header menu serves as navigation tool for users and guides them through the website. The project logo is also included in the header and leads to the homepage when a user clicks on it. All pages that can be accessed in the header are described in the following sub-chapters.

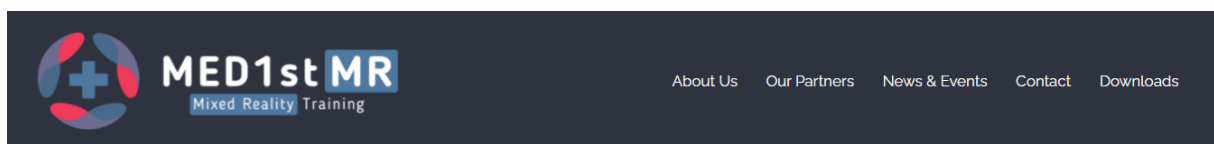


Figure 2: Header menu

#### 2.1.1 About us

When hovering over “About us” in the header, a dropdown menu appears with the selected page marked in a different colour (see Fig. 3).

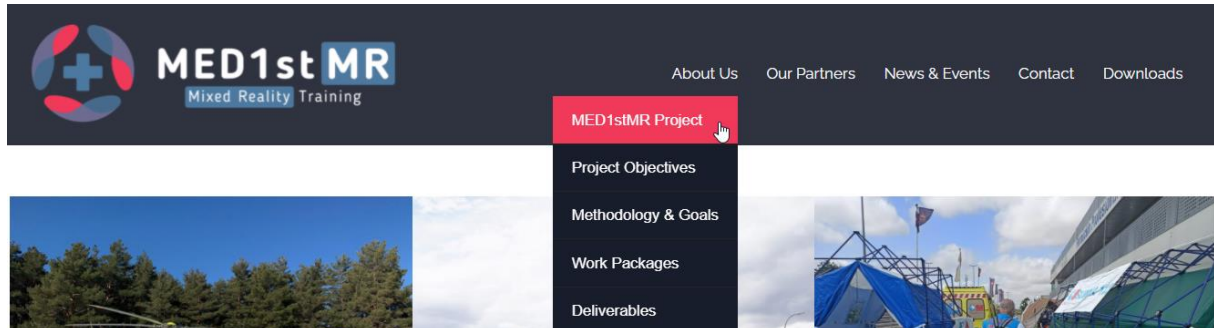


Figure 3: Header menu “about us” dropdown

##### 2.1.1.1 MED1stMR project

The first sub-page from “About-us” contains general information about the MED1stMR and a button that redirects users to the sub-page “project objectives” (see Figure 4)



## Project Information

MED1stMR develops innovative mixed reality training technology to combine real-world medical simulators with virtual environments to train medical first responders for their challenges.

Increasing probabilities for natural disasters due to climate change, human-made accidents and terrorist threats require the development of innovative technological solutions adapted and implemented to the (cross-sectoral) needs of first responders. For this purpose, the project will develop a new technological solution to better prepare MFRs for a variety of disaster situations.

Figure 4: Sub-page “MED1stMR project”

### 2.1.1.2 Project Objectives

This sub-page aims to inform the visitors of the website about the objectives, the overall concept of the project and the expected impacts (see Figure 5). At the bottom of this sub-page is a button that redirects to the “methodology & goals”.



Figure 5: Sub-page “Objectives”

### 2.1.1.3 Methodology & goals

This sub-page describes the MED1stMR Agile End User Centred Research (AEUCR) Methodology, including the requirement phase and the agile development (see Figure 6). The button leads to the next sub-page “Work packages”.

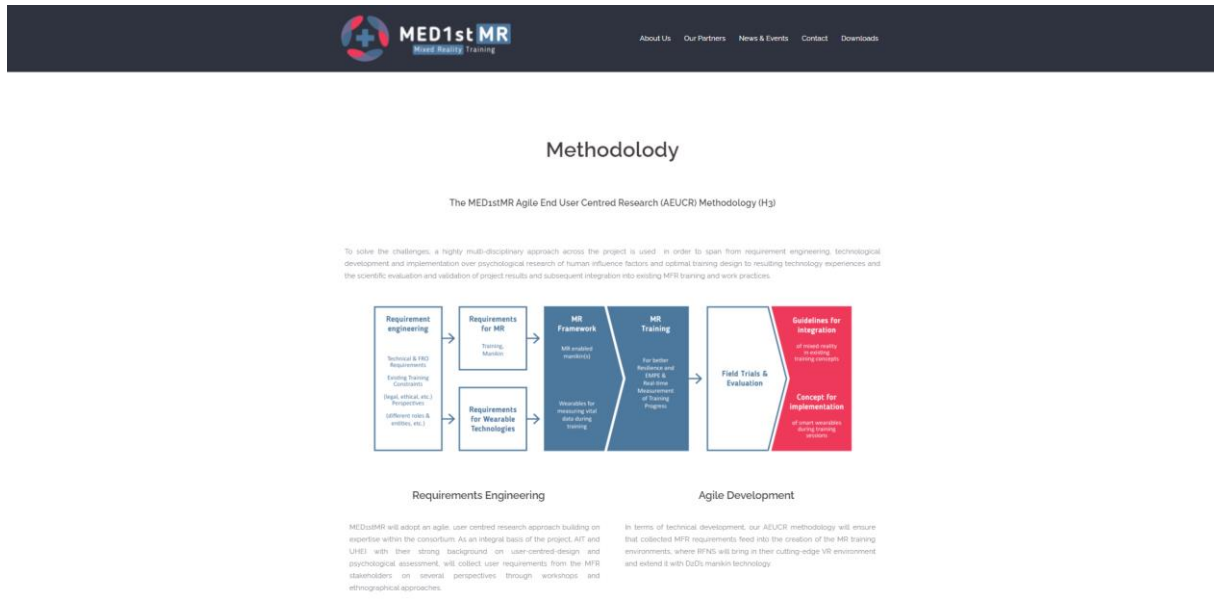


Figure 6: Sub-page "Methodology & goals"

### 2.1.1.4 Work packages

The work plan of MED1stMR is divided in 9 distinct work packages to reach the objectives of the project within 36 months. Their interrelation is visualised on this sub-page in a PERT chart and all of the work packages are briefly described (see Figure 7). A button was added to lead the users to the sub-page "Deliverables".

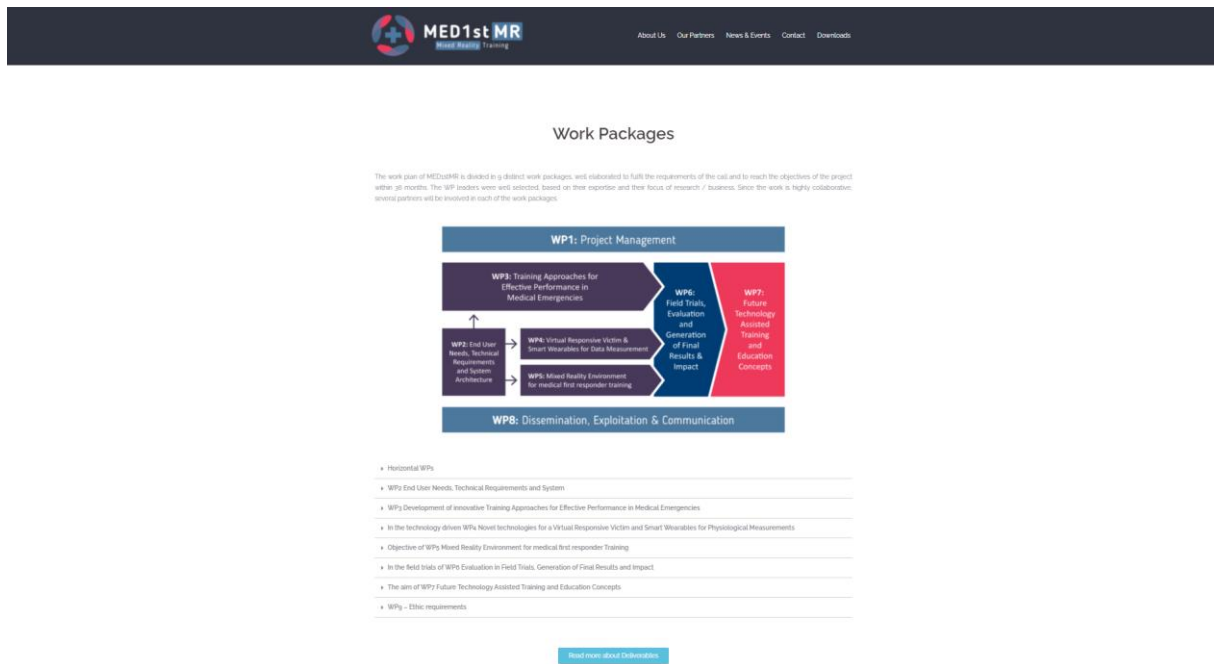


Figure 7: Sub-page "Work packages"

### 2.1.1.5 Deliverables

All deliverables of the project, their dissemination level (PU = public, CO = confidential) and the lead beneficiary are presented on this page (see Figure 8). The public documents will be provided as PDF for download once they are finalised and accepted by the EC. Also, there is a button that leads to the page about the “Partners”.

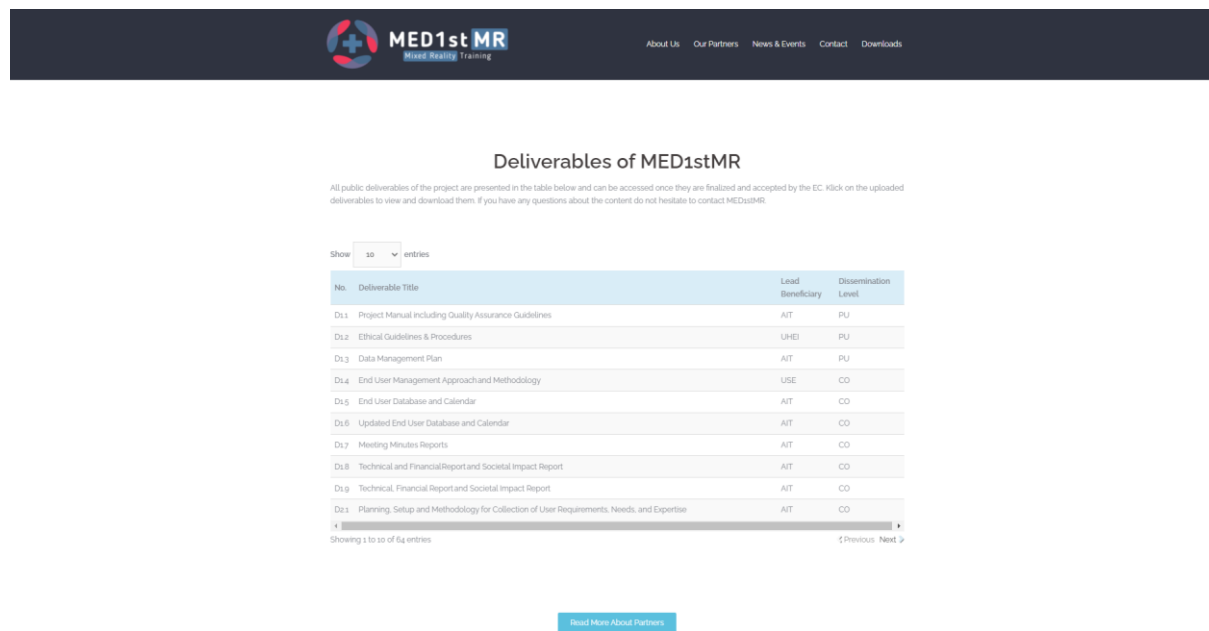


Figure 8: Sub-page “Deliverables”

## 2.1.2 Our partners

The second option in the header menu is “Our partners”, with the dropdown that leads to the pages “The Consortium”, “The Advisory Board” and “Related Projects” (see Figure 9).

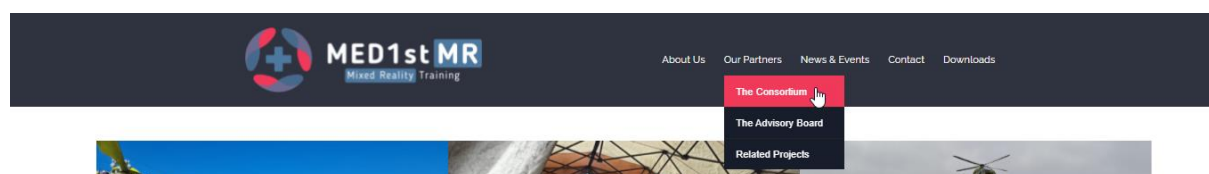


Figure 9: Header menu “Our Partners” dropdown

### 2.1.2.1 Consortium

All partners from the multi-disciplinary consortium are introduced on this page and a map visualises international aspects by showing where they are located (see Figure 10):

- AIT Austrian Institute of Technology GmbH – Center for Technology Experience, Austria
- Johanniter Österreich Ausbildung und Forschung gemeinnützige GmbH, Austria
- Ruprecht-Karls-Universität Heidelberg, Germany

- Umeå Universitet, Sweden
- Universität Bern, Switzerland
- Montanuniversität Leoben – Department Zentrum am Berg, Austria
- Refense AG, Switzerland
- PLUX, Wireless Biosignals S.A., Portugal
- D2D Holding B.V./ Simulators for healthcare training – Medical-X, The Netherlands
- Optimización Orientada a la Sostenibilidad S.L., Spain
- USECON – The Usability Consultants GmbH, Austria
- Mindconsole, Austria
- SIM CAMPUS Center for emergency-, crisis and disaster simulation and disaster diplomacy GmbH, Austria
- ELLINIKI OMADA DIASOSIS SOMATEIO (Hellenic Rescue Team), Greece
- Servicio Madrileño de Salud, Spain
- Fundación para la investigación e innovación biosanitaria de atención primaria (FIIBAP)
- Universitätsklinikum Heidelberg, Germany
- Region Jämtland Härjedalen, Sweden
- Autonoom Provinciebedrijf Campus Vesta, Belgium

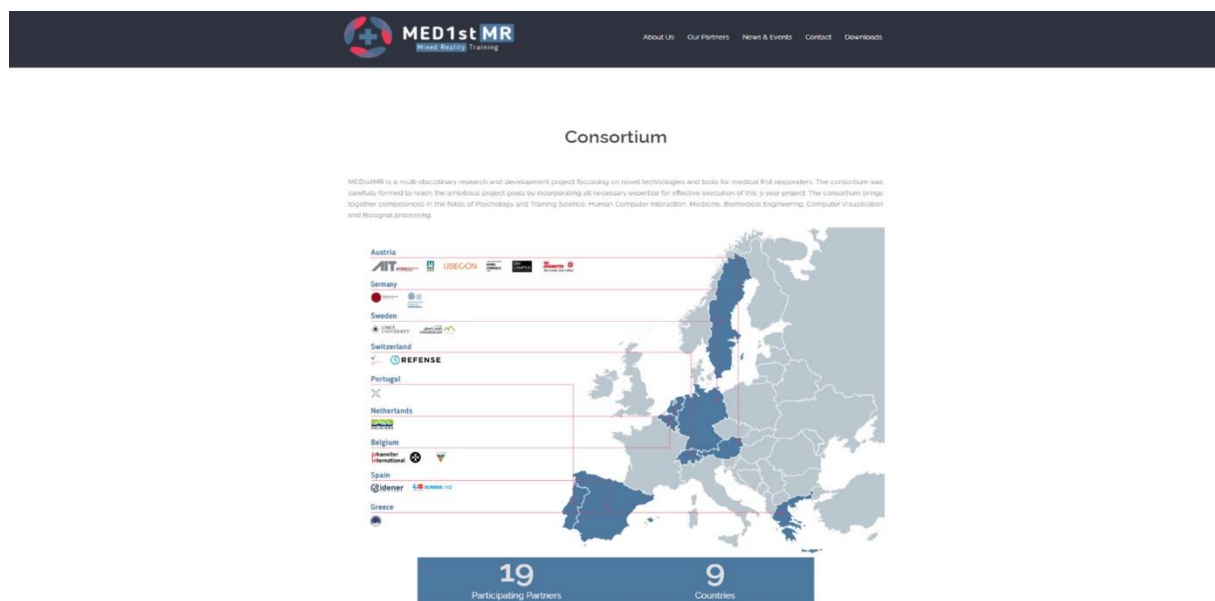



Figure 10: Sub-page "Our partners"

### 2.1.2.2 The Advisory board

The consortium has formed an external advisory board of experts from other medical first responder organisations and technology experts in the field of MED1stMR. These experts in the board are introduced on this sub-page (see Figure 11).


**Advisory Board**

The consortium has formed an external Advisory Board of experts from other medical first responder organisations and technology experts in the field of MED1stMR. The Advisory Board assists the project team by surveying its progress and by bringing in expertise through expert discussions, workshops, review of project results and discussion on project objectives. This will ensure a broader pan-European multi-cultural and multi-national dimension when developing MED1stMR.




**Stijn Van Kerckhove**

Stijn Van Kerckhove, BSc, MSc, CCRN, CPN (m), Government official at the Department of Urgent Aid of the Belgian Federal Public Service of Health. Stijn is a registered nurse, trained in critical and emergency care (CCRN & CEN) and holds a MSc in nursing and midwifery. He is working on different projects concerning aspects of the urgent medical aid duty basis and mass casualty incidents and participates in various national working groups concerning national health risks. Stijn also has a field experience as a member of a prehospital medical response team and as an emergency care nurse.



**Andrea D'Angelo, BA**

Andrea D'Angelo (m), BA in International Economics and LL.M in Law, is an Italian expert in security and CBRN, with over ten years experience in the management and supervision of complex donor funded security projects worldwide. He oversees and provides quality control to CBRN ICF projects RESIST and TRANSTUN, led by SAFE. Mr. D'Angelo is the president of the Associazione SAFE. Since February 2020, he has been nominated by the Italian MoD as Technical Member of the NATO to the CTO Technical Team. AFM-SET, tag on Scientific and Technological trends allow for new approaches addressing CBRN challenges.




**Alonso A Mateos Rodriguez, MD PhD**

Alonso A Mateos Rodriguez, MD, PhD, (m), Deputy coordinator, Regional Transplant Coordination Office, SUMMA (Medical Emergency Service Madrid). Mateos Rodriguez is a family physician with a

Figure 11: Sub-page "Advisory Board"

### 2.1.2.3 Related projects


MED1stMR aims to establish contact to related project on a national and international level. These partner projects are presented on the sub-page "Related Projects" (see Figure 12).



[About Us](#) | [Our Partners](#) | [News & Events](#) | [Contact](#) | [Downloads](#)

## Related Projects

MED1stMR aims to establish contact to related project on a national and international level to foster synergies with them. These related initiatives will be targeted for potential scientific collaboration, cooperation and cross-fertilization of concepts.



**SHOTPROS**

**SHOTPROS**

TRAIN - DECIDE - ACT. The Horizon 2020 research project aims to improve the training for European Police officers. The influence of psychological and contextual human factors (HFs) on the behavior of decision-making and acting (DMA) of police officers under stress and in high-risk operational situations are investigated in end user centered studies. Based on the results, SHOTPROS develops a HF-rooted training curriculum and a corresponding Virtual Reality training solution to provide a comprehensive framework for practical training.

Official Website: [www.shotpros.eu](http://www.shotpros.eu)

Figure 12: Sub-page "Related projects"

## 2.1.3 News & Events

The page “News & Events” is a blog that shows all articles about recent project activities, events, results and other relevant topics. This is the central source of information about project updates for visitors of the website.

## 2.1.4 Contact

The “Contact” page provides the contact details of the coordinator for project management issues and the WP8 lead for communication topics (see Figure 13). Website user can click on the phone number and mail addresses and get the option to call or send an e-mail immediately. When clicking on the address of the organisations, maps opens in a new tab.

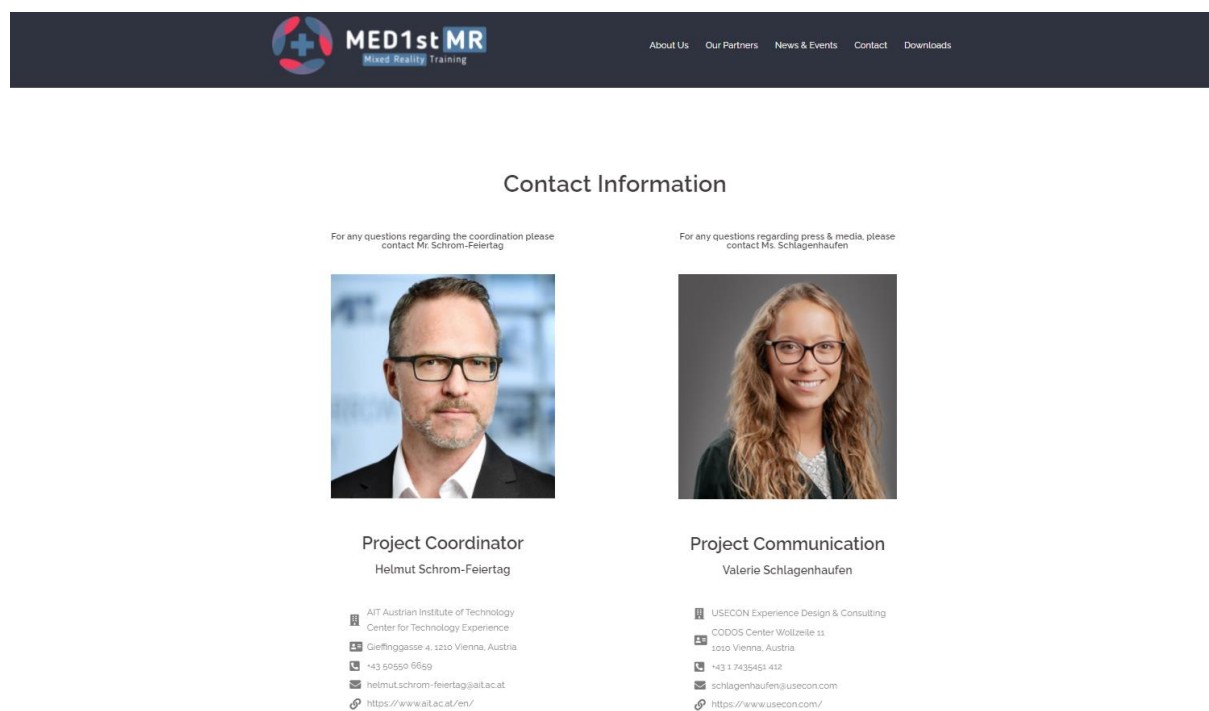


Figure 13: Sub-page “Contact”

## 2.1.5 Downloads

The “Downloads” page is divided in different sub-pages (see Figure 14) that contain public materials developed in the course of the project. The sub-pages are:

- Media
- Press material
- Publications
- Information material
- Gallery

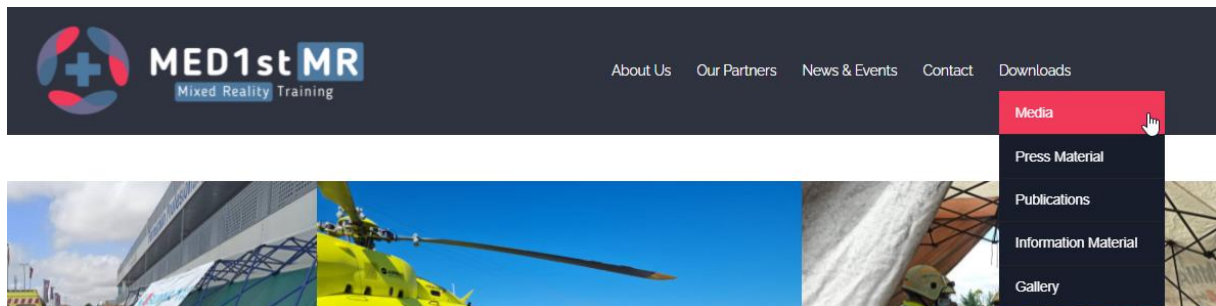


Figure 14: Header menu "Downloads" dropdown

## 2.2 Home

The landing page of the website offers an overview about the project, starting with an image carousel containing relevant photos that were provided by the project partners and the official project slogan: "TRAIN [SKILLS. RESILIENCE. PERFORMANCE.] SAVE LIVES". In addition, a brief summary of the project is displayed under the slogan to inform visitors about the topics at first glance. A button "Learn more .." leads to the "About" section if one wants to know more about MED1stMR (see Figure 15).

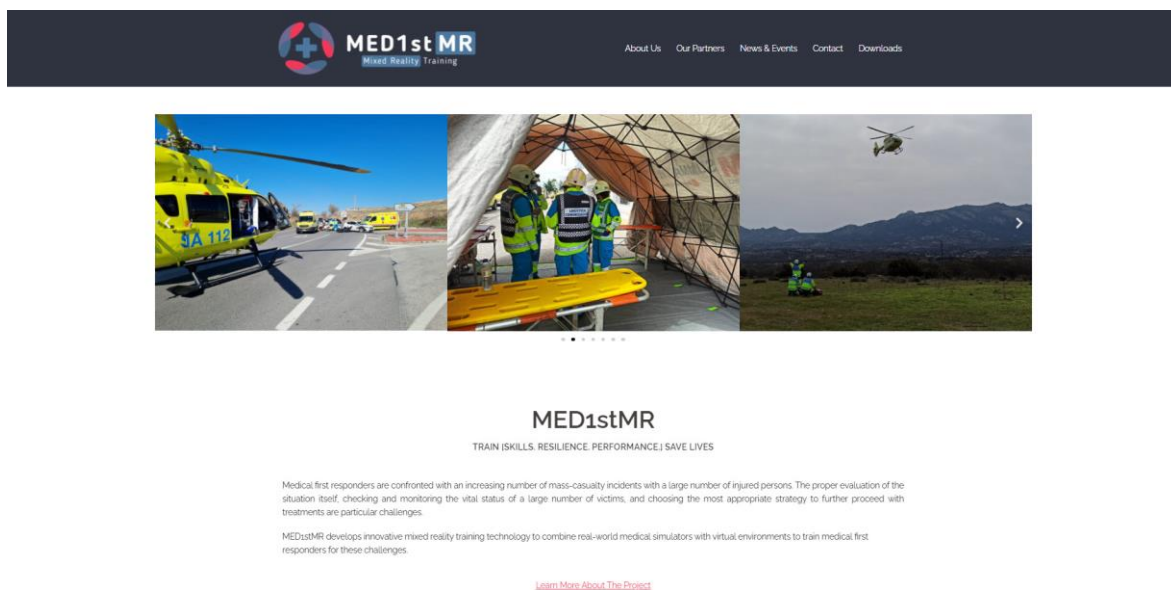


Figure 15: Homepage (1)

The next element on the homepage is a banner with 4 icons and key numbers. This is on the one hand a good source of information and on the other hand a visual transition to the news teaser with a preview of 3 articles. After the news teaser, another banner was placed with a button to subscribe for the newsletter (see Figure 16).



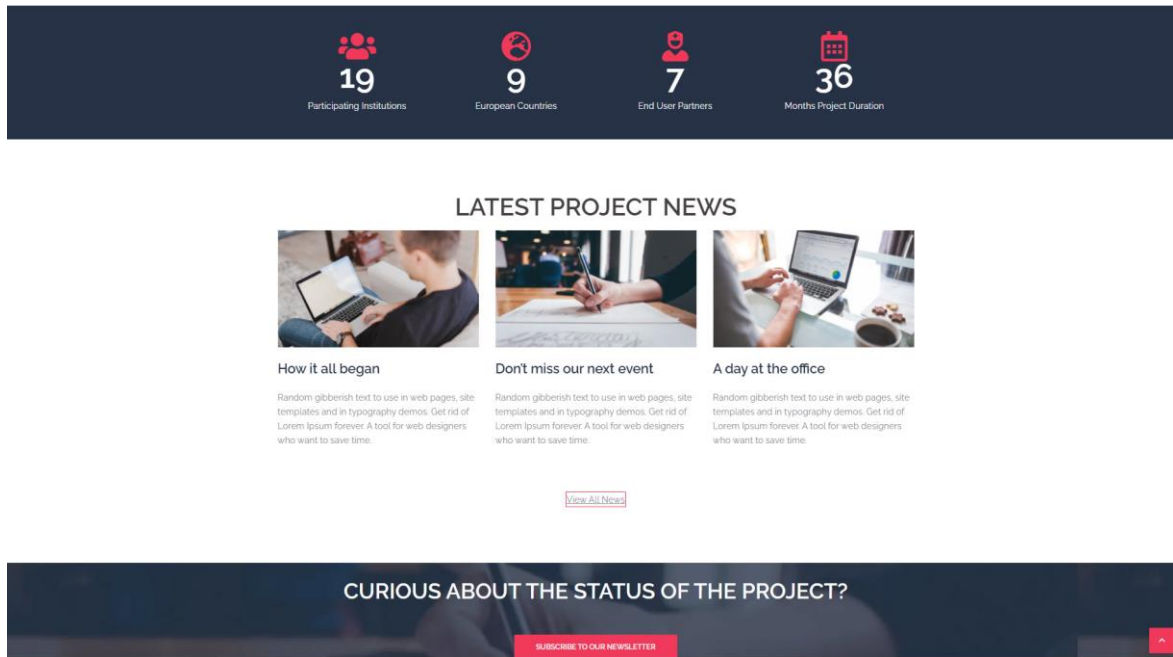


Figure 16: Homepage (2)

The last element on the homepage is the partner teaser with two blocks introducing 1) the consortium and 2) the advisory board and buttons to get to the respective sub-pages. An additional button leads to the related projects (see Figure 17)

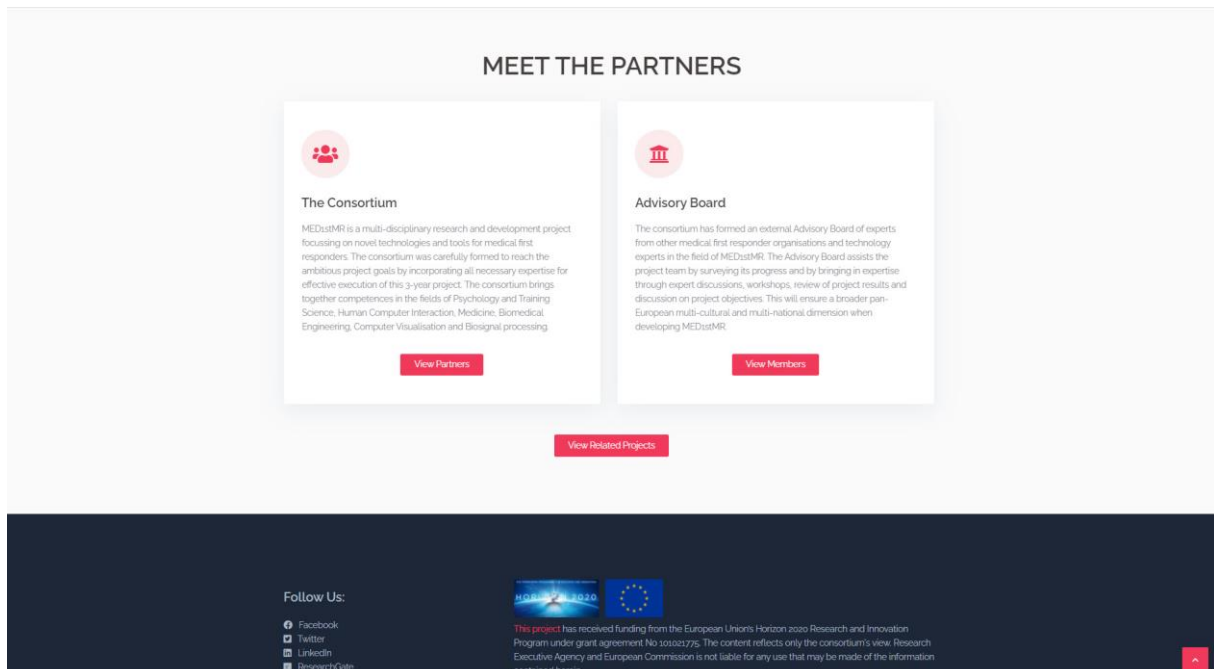


Figure 17: Homepage (3)

## 2.3 Footer

The footer of the website shows the EU emblem, the H2020 logo and the acknowledgement. Also, there is a link to the data security page and to the social media channels of MED1stMR (see Figure 18).



Figure 18: Footer

### 2.3.1 Social media

Links to the official social media channels of MED1stMR and the icons of the social networks are also placed in the footer.

- Twitter: <https://twitter.com/Med1stmr>
- Facebook: <https://www.facebook.com/MED1stMR>
- LinkedIn: <https://www.linkedin.com/company/79348257/>
- Researchgate: <https://www.researchgate.net/project/MED1stMR-Medical-First-Responder-Training-using-a-Mixed-Reality-Approach-featuring-haptic-feedback-for-enhanced-realism>

### 2.3.2 Acknowledgement

The acknowledgement, EU emblem, the H2020 logo and a link to the Cordis website are displayed next to the social media links in footer.

### 2.3.3 Data Security & legal notice

This page is linked in the footer and contains information that informs the users about the data collection, the data protection authority (including contact details) and the owner / publisher (including contact details) of the MED1stMR website (see Figure 19).



Figure 19: Footer "Data security & legal notice"

### 3 Technical background

The technical background of the website was created using WordPress. WordPress was easily installed on the hosting provided Strato, which was chosen due to the flexible packages, possibility to have a couple of domains, SSL certificates and hosting for the site. After the domain of the website was decided, the implementation phase of the site began.

The technical development of the site was carried out by experienced experts from the project coordinator AIT, while the development team worked in close collaboration with USE and MIND. The development team from AIT led the development of the site, while USE and MIND provided the required content and visuals for the site.

The MED1stMR website is a site with responsive design, which works smoothly in browsers on mobile phones, tablets and desktop screens. The design of the website is clean, catchy and interactive for the user. It includes various pages which can be reached from the menu or from redirects through certain buttons. The first step in designing a site is to choose a theme which could support responsiveness. For this site, the theme 'Sydney' was chosen, which offered a couple of templates that were adapted and changed by the development team.

Based on WordPress, the site is built using Elementor, which represents a WordPress builder and allows the users to create and edit websites by employing the drag and drop technique, with a built-in responsive media. Elementor offers advanced web creations, professional workflow and it eliminates the need for multiple plugins. Some of the already created widgets that Elementor offers can be viewed on figure 20 below.

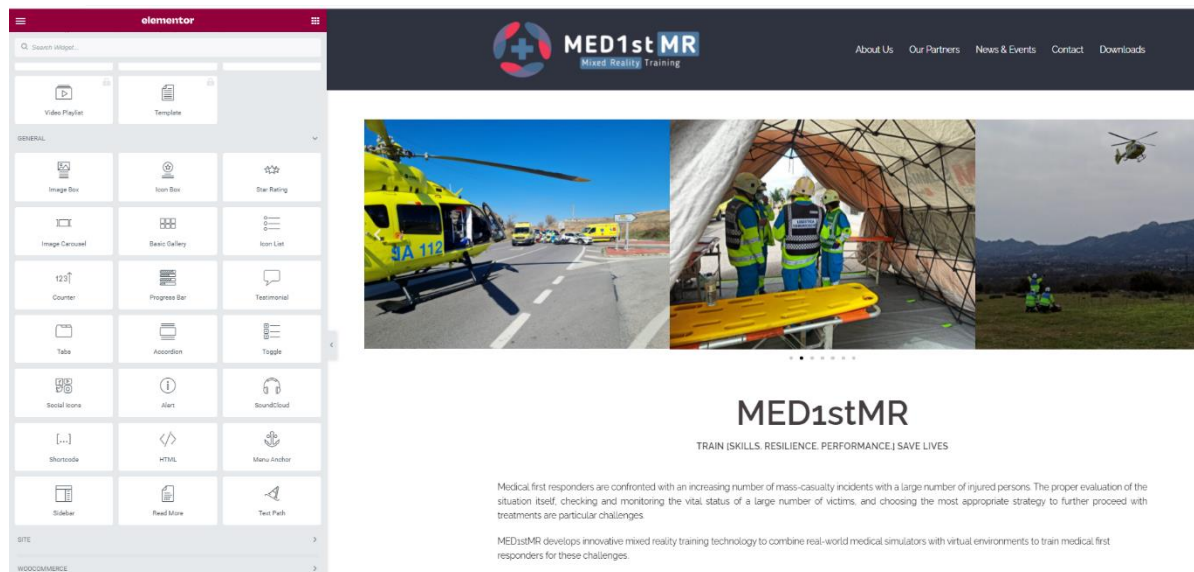


Figure 20: Elementor page builder

For the site to have certain functionalities, WordPress is offering a plethora of plugins which can be installed. Elementor is also used in the site through its previously installed plugin. Some other plugins which are included in the site are the following:

- **TablePress** – This plugin offers custom tables to be added on a page of the site. It offers embedding of beautiful and feature-rich tables into posts and tables without having to write code. The table is designed based on choosing the number of columns and rows. After the table is created, the id of the table is added on the page or the post.
- **MapPress Maps for WordPress** - This plugin offers the embedding of leaflet maps or Google Maps to the page. The leaflet maps are easier to work with rather than the Google maps, which require an API key and restrict certain permissions.
- **Limit Login Attempts Reloaded** – This plugin limits the rate of the login attempts for each IP address.
- **Broken Link Checker** – This plugin conducts a check on each post or page on the site for broken links and missing images, while giving a report on the dashboard if any are found.
- **YoastSEO** – This plugin presents an all-in-one SEO solution for WordPress. It improves the website’s rankings on search engines, by helping in optimization of the content of the site and the keywords used. Additionally, it offers readability features for checking the spelling and grammar of the content, while giving suggestions for making the content text more interesting and remembering.
- **CleverReach** – In order to create and send newsletters from the site of MED1stMR, the plugin CleverReach is an easy way to handle mailing at the same time with all requirements for professional email marketing.