



ROBOMINERS DELIVERABLE D10.4

FINAL PROJECT WEBSITE

Summary:

This document serves the purpose of providing a general presentation of the ROBOMINERS website, describing all its content, elements, design and functionalities. The final project website has detailed information about the project's objectives, concept and approach, partners, work packages, dissemination material and all other important relevant project related content.

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TABLE OF CONTENTS

1	EXECUTIVE SUMMARY	4
2	WEBSITE – OVERALL CONCEPTS	5
3	THE FINAL WEBSITE	6
	3.1. Structure	6
	3.2. Page layout	6
	3.3. Logo	9
	3.4. Images and content	9
4	TECHNICAL DETAILS	10
	4.1. Domain	10
	4.2. Server	10
	4.3. Software	10
	4.4. Security	10
	4.5. Disk usage and bandwidth	10
5	CONTENT UPDATE AND MAINTENANCE	11
6	CONCLUSION	12

FIGURES

Figure 1: Header and menus	6
Figure 2: Main page of the ROBOMINERS website	6
Figure 3: Website as seen in a mobile browser	7
Figure 4: About ROBOMINERS section	7
Figure 5: Consortium page of the ROBOMINERS webpage	8
Figure 6: The media corner with the available subpages	9
Figure 7: ROBOMINERS official logo	9

1 EXECUTIVE SUMMARY

The final version of the ROBOMINERS website is delivered after developments on the first version that has been launched mid-June 2019, less than 30 days after the project's start, in M1, in accordance to the Grant Agreement, and that is documented in Deliverable 10.1.

The final version of the website is designed and launched in November 2019 (M5), at an early stage of the project development. It includes detailed information about the project's objectives, approach and dissemination material, which were not provided in the basic website. Other essential items such as a contact form, privacy notice and a news page, among others, make up for the Final website structure.

The Final website is seen as an essential channel to communicate the project and, therefore, will see continuous development and adaptation to the different stages and activities of ROBOMINERS whenever relevant.

2 WEBSITE – OVERALL CONCEPTS

The domain name is www.ROBOMINERS.eu and it was registered via the godaddy service. The website is hosted in LPRC's servers and designed under the WordPress management platform. The Enfold theme is currently being used.

Analytics – visitors, visits and other relevant parameters are continuously monitored through Google Analytics, which is activated in the website since day 1 of the launching. Information on the number of visits and visitors is taken into account regularly and will be presented during the periodic reports of ROBOMINERS.

The Final website derives from the Basic website through updates in both content and design. The project image and design elements established and laid down in Deliverable 10.3 - Project Stylebook are mirrored on the ROBOMINERS website, adding up to the proper dissemination targets envisaged for the project.

All website elements and other related content referred to in this document are subject to updates and/or adaptations whenever necessary and in accordance with project's developments. This will ensure that the website visitors and stakeholders can be up-to-date with relevant information on ROBOMINERS.

3 THE FINAL WEBSITE

ROBOMINERS' website design has been conceptualized to be clear and easy to use. The colours chosen are identical to the colour palette of the project's logo and other elements as stated in D10.3 – Project Stylebook.

3.1. Structure

The structure of the website follows a usual pattern of main menu, homepage and complementary pages. Other elements are provided such as events, EU funding statements, social media links and others.

The main menu displayed at the top of the pages links to relevant aspects of the projects and includes: Homepage – News – About the project – The consortium – Press corner - Contact form. This guarantee that the most important parts of ROBOMINERS information are easily found and accessed by the viewer. Figure 1 depicts the main menu in its current state.



Figure 1: Header and menus

3.2. Page layout

The homepage displays photos of the consortium and images related to the ROBOMINERS developments; a short description of the project is provided below it. Below these links are provided to three important sections of the website: general and specific information about ROBOMINERS (About), information on the consortium and the role of the partners (Consortium) and a direct link to the media corner, where relevant dissemination and communication material is available for use (Press corner). Recent news items, displayed at the bottom of the homepage, complement the ROBOMINERS main page.

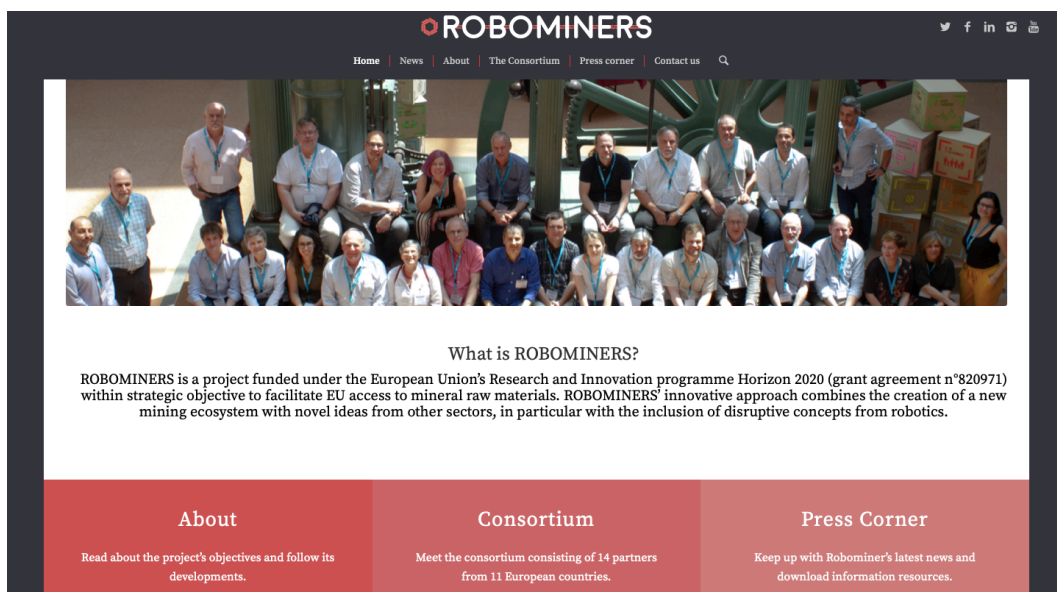


Figure 2: Main page of the ROBOMINERS website

Next is the News page which displays news items written by project members on the ROBOMINERS activities. This page is the less static on the website and is aimed at allowing the reader to follow the project's achievements, dissemination opportunities and others.

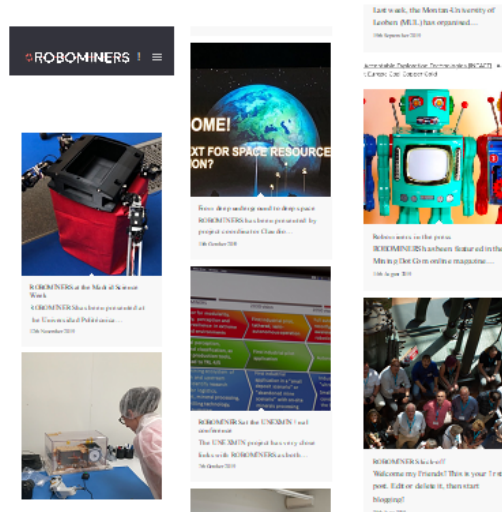


Figure 3: Website as seen in a mobile browser

The About page delivers general and specific information of several types that are relevant for the reader who wants to know more about the project. It contains information on the objectives, concept and other topics. Reference to EU funding is also displayed, following the rules for Horizon 2020 projects.

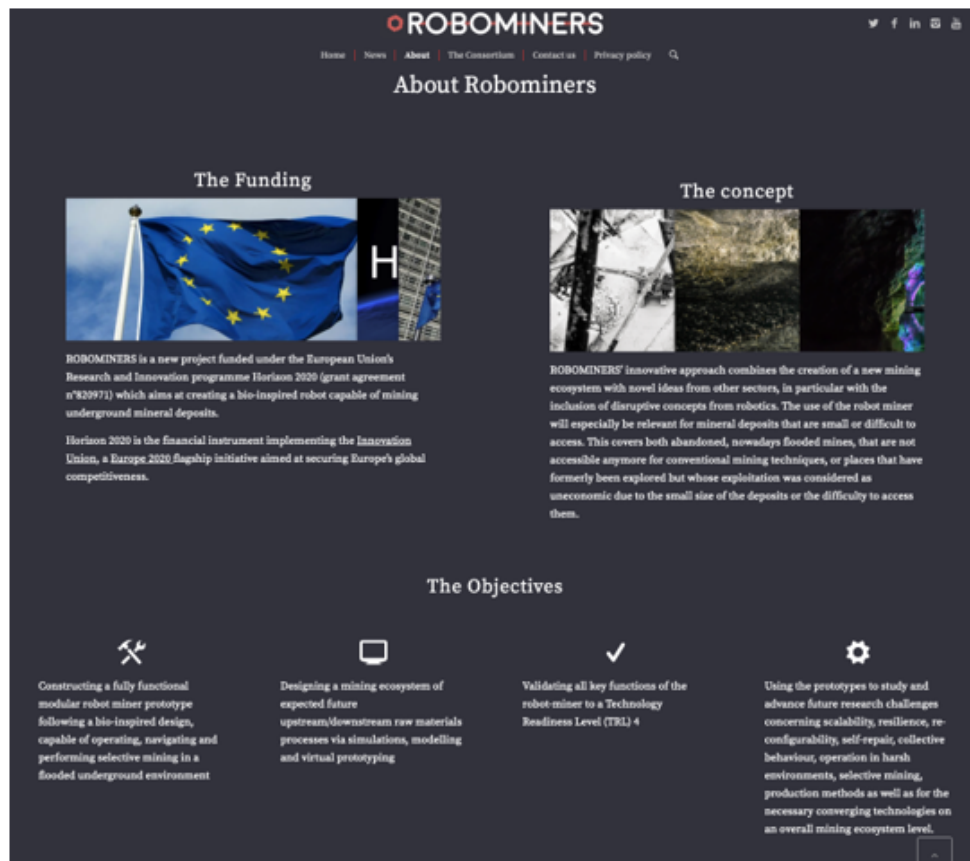


Figure 4: About ROBOMINERS section

Consortium partners can be known through the next page on the menu. Their logos are represented and clicking on one of them opens a new page on the website that shows information on that specific partner.

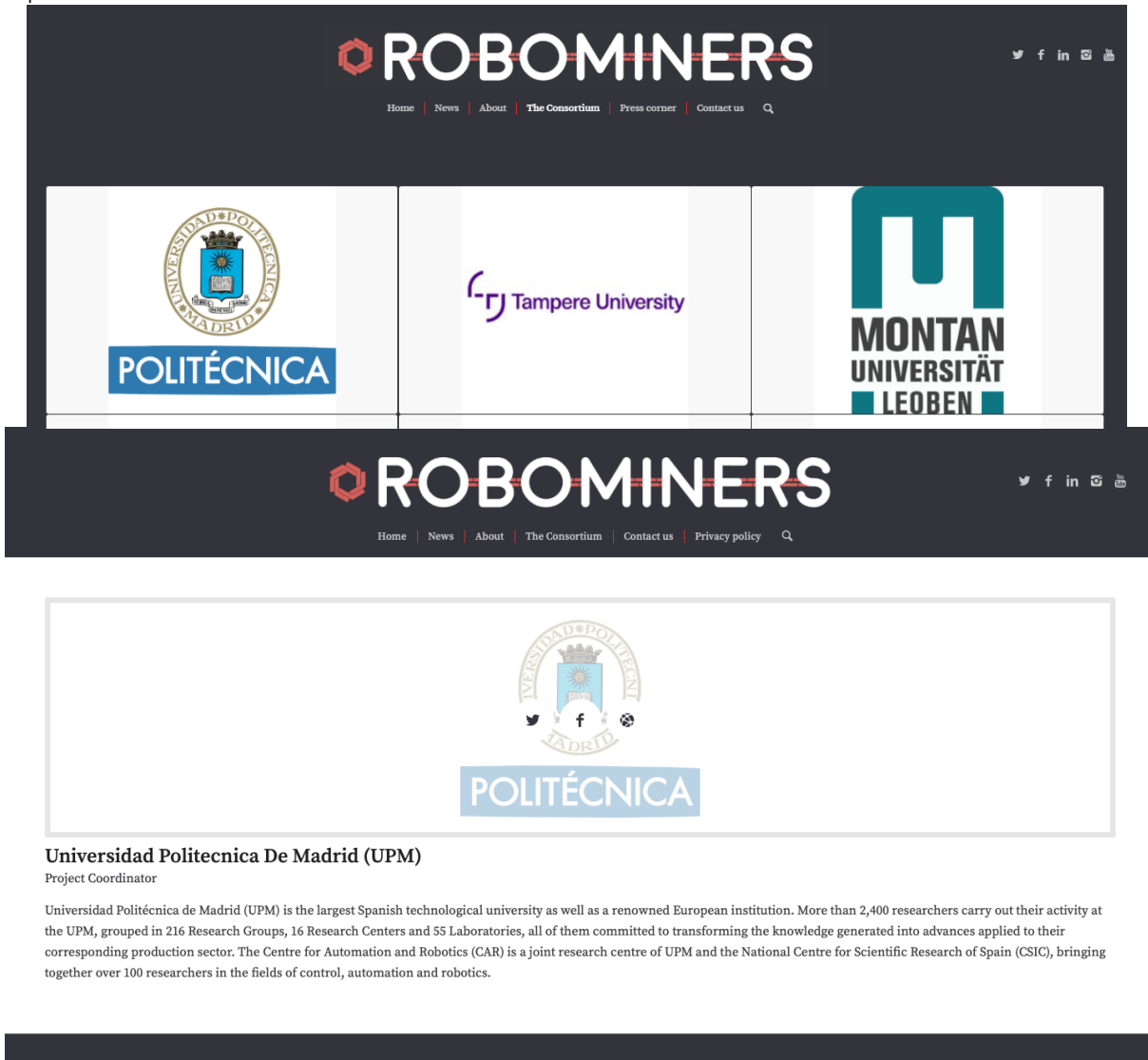


Figure 5: Consortium page of the ROBOMINERS webpage

The media corner gathers the project’s public information and has available for download project material such as brochures, posters, press releases and media kits.

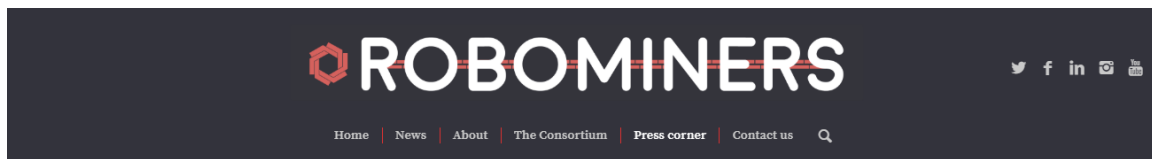


Figure 6: The media corner with the available subpages

A contact form page is the remaining item on the main website page layout. The contact page contains an embedded contact form, and a message sent through this will redirect to the project coordinator.

3.3. Logo

The ROBOMINERS logo features prominently at the top of the fixed menu. The logo colours are the ones used for the site design and are in accordance with Deliverable 10.3 – Project Stylebook.



Figure 7: ROBOMINERS official logo

3.4. Images and content

Within ROBOMINERS, images and other visual content, as well as written texts, are used with the explicit consent of all parties features. The content is pre-approved by the project coordinator before it is published and publicly available.

All content reflects the main themes relevant to ROBOMINERS: robotics, raw materials, geology, innovation, technology, among others.

The information provided on the website is clearly separated by topic and in easily readable chunks of text (either by plain text or bullet points). It is optimized to be read on all types of screens and is search friendly.

4 TECHNICAL DETAILS

4.1. Domain

The domain used for ROBOMINERS was registered by LPRC partner. The project domain is valid from 13/06/2019, day when it was registered, and must be renewed on a yearly basis.

4.2. Server

The server is on a machine that has the following technical features:

- Operating System: Ubuntu Linux 14.04 LTS x64
- Web server: Apache2 (2.4.7)
- MySQL server version: 5.5
- PHP 5.5.9
- CPU AMD Opteron 3280 8-Core
- 16Gb ECC protected RAM
- 2x 2TB RAID1 HDD

4.3. Software

Wordpress version 5.3 is currently being used and will be updated whenever new releases are available.

4.4. Security

The server is on a machine that has the following technical features:

- Strictly limited php functions;
- Open basedir restriction;
- QoS and DDOS protection;
- Doubly password protected admin section;
- Wordfence;
- Email Encoder – ProtectEmailAddress;

4.5. Disk usage and bandwidth

The web server being used has a total capacity of 2Tb of disk space and 11Mbit of internet bandwidth that can perfectly handle all kinds of content that will be uploaded and downloaded from the website. Contents expected on the website include publications (in .pdf format) and photos, for example.

5 CONTENT UPDATE AND MAINTENANCE

The website content management will be carried out as a joint effort by EFG, UPM and LPRC, based on contributions from all partners.

Project-related news are going to be published at least once each two weeks, upcoming events on a monthly basis and project-related material available for download (brochures, logos, public deliverables) whenever they are ready.

During the first phase of the project, the website will function as a vehicle for disseminating project-related basic information – a general overview of it, to reach all the stakeholder groups and make the ROBOMINERS project noticeable between them.

Once first results become available, the website information will be tailored to direct the dissemination purposes. Relevant results will then be presented to stakeholders and the general public to gather third party awareness on the ROBOMINERS project developments. The aim is to raise interest and collaboration possibilities from parties outside the scope of project consortium members and institutions.

6 CONCLUSION

The ROBOMINERS webpage, now in its final, although evolving state, is the main channel of dissemination of the project's achievements.

The website provides a mix of basic, general and most important information related to the project and will be updated with news, results and promotional material whenever one of these items becomes available or is updated. Both written as well as visual content are included in this aspect.

Social media (Facebook, Twitter, LinkedIn, YouTube) will be used as conductors of traffic towards the website, strengthening the dissemination of the project to stakeholders.