

	SUPROMED Sustainable production in water limited environments of Mediterranean agro-ecosystem	 
SUPROMED (PRIMA/ Research & Innovation Activities (RIA)) Grant Agreement no. 1813		



Deliverable 6.2: Project website

WP	6	Communication, dissemination and exploitation		
Task	6.2	Project website		
Dissemination level¹	PU	Due delivery date	31-12-20	
Nature²	R	Actual delivery date	31-12-20	

Lead beneficiary	SEMIDE
Contributing beneficiaries	All

Version	0.1
Total number of pages	18

¹ Dissemination level: **PU** = Public, **PP** = Restricted to other programme participants (including the JU), **RE** = Restricted to a group specified by the consortium, **CO** = Confidential, only for members of the consortium

² Nature of the deliverable: **R** = Report, **P** = Prototype, **D** = Demonstrator, **O** = Other

Version history

Document Version	Date	Author	Comments ³
0.1	12/12/19	Maroua OUESLATI (SEMIDE)	Creation
0.2	19/12/19	Eric MINO (SEMIDE)	Review and comments

Deliverable abstract

SUPROMED “*Sustainable production in water limited environments of Mediterranean agro-ecosystem*” is co-funded under the PRIMA 2018 programme section I Farming Systems, for a period of 3 years. It aims to enhance the economic and environmental sustainability of Mediterranean farming systems through a more efficient management of water, energy and fertilizers. SUPROMED is combining different models and tools: water, energy and fertilisation management models, meteorological and climatic tools in order to develop, implement and validate an end user’s IT platform aiming to provide effective advice for more efficient crop management.

This report describes the SUPROMED website, a user-friendly multi-actor networking web platform that will support dissemination and communication activities during the project lifetime and beyond.

Copyright and legal notice:

The views expressed in this document are the sole responsibility of the authors and do not necessarily reflect the views or position of the European Commission and PRIMA Programme. Neither the authors nor the SUPROMED Consortium are responsible for the use which might be made of the information contained in here.

List of acronyms and abbreviations

RIA: Research and Innovation activities

³ Creation, modification, final version for evaluation, revised version following evaluation, final.

Contents

1. SUPROMED project overview	3
2. Objectives.....	4
3. Hosting environment	4
4. Website structure and content.....	5
SUPROMED Overview	7
News.....	8
Project partners' logos.....	8
Calendar	8
Social Media+ Live twitter.....	9
Disclaimer.....	9
The project:	9
Description	9
Partners.....	10
DSS mock-up:	12
Demo-sites:	12
Approach.....	12
Spain (Eastern Mancha)	12
Lebanon (Bekaa Valley).....	12
Tunisia (Sidi Bouzid)	12
News.....	12
Events.....	12
Promotional materials	13
Press releases.....	13
Publications and Scientific articles.....	13
Gallery	13
Contact us:	13
5. Intranet	14
6. Integrity, privacy and security.....	16
7. Design and layout rules.....	16

List of Figures

Figure 1 SUPROMED website structure	5
Figure 2 Logos of SUPROMED partners	8
Figure 3 SUPROMED Intranet	15
Figure 4 SUPROMED logo.....	
Figure 5: Prima visibility rules in the footer	16
Figure 6: Prima logo	17
Figure 7: European commission logo.....	17

List of Tables

Table 1 SUPROMED partners (logos, description)	11
Table 2 Advisory board members	12

1. SUPROMED project overview

SUPROMED “Sustainable Production in water limited environments of Mediterranean agro-ecosystem” is an R&I project co-funded under the PRIMA 2018 programme section I, for a period of 3 years starting from October 2019. The project is composed of a multidisciplinary team of ten partners from five countries Spain (UCLM, ITAP, HISPATEC), France (SEMIDE), Greece (UTH, 3DSA), Lebanon (DIFAF, ULFA) and Tunisia (INRGREF, INGC). SUPROMED aims to enhance the economic and environmental sustainability of Mediterranean farming systems through a more efficient management of water, energy and fertilizers.

SUPROMED will provide a holistic crop-livestock water management system resilient to climate change. In detail, an end-user IT (Information Technology) platform specially designed to smartly advise farmers in the efficient water management of Mediterranean cropping and livestock systems will be delivered. To this aim, SUPROMED will integrate a validated set of models and tools (MOPECO7, IREY8, DOPIR9 or DOPIR-SOLAR10) in an online platform to increase the production and income of farms through a reduction and a more efficient use of water, and other inputs such as energy and fertilizers, while decreasing the impact on the environment.

SUPROMED will consider real in-situ data and Earth Observation (EO) imagery, agro-alerts, agroclimatic classification and zoning together with drought forecast tools linked to climatic change. Drought monitoring and forecasting are essential tools for implementing appropriate mitigation

	<p style="text-align: center;">SUPROMED Sustainable production in water limited environments of Mediterranean agro-ecosystem</p>	
<p style="text-align: center;">SUPROMED (PRIMA/ Research & Innovation Activities (RIA)) Grant Agreement no. 1813</p>		

measures to reduce negative impacts of droughts and will be very helpful for adequate water resource management. The end-user platform will be widely demonstrated across Spain, Lebanon and Tunisia. Moreover, an ambitious Training program that is to be performed in 4 Mediterranean countries will be accompanying farmers for the successful implementation of SUPROMED in agricultural practices.

SUPROMED aims to promote a 10-20% increase in the adoption of organizational and technological innovations in farms with an overall impact across the Mediterranean basin.

2. Objectives

The objective is to develop the website of SUPROMED project using a content management system for easy updating by the project partners.

The website will be used to:

- Disseminate information on the project implementation and results to the different stakeholders from various Mediterranean countries and beyond
- Actively engage the stakeholders in some activities (e.g. workshops) and future use of the SUPROMED solutions

A separate online tool will be set up for collaborative working between the partners and sharing documents with advisory board members and PRIMA foundation.

The website is first developed in English, the other projects languages (Arabic, French and Spanish) will be added in 2020 with the support of partners for the translation.

The website must be responsive web design (i.e. accessible from a PC, a tablet or a smartphone) and ready to operate on the secure communication protocol HTTPS.

3. Hosting environment

The website is developed using the free and open source Content Management System JOOMLA and is hosted on a shared server located at UT SEMIDE, Sophia-Antipolis, France:

- Operating system: Linux Debian
- Hardware: HP ProLiant DL380p Gen8 E5-2620 – RAM: 16 GB – HD 450 GB (RAID 1)

The server is protected by a Firewall.

A specific domain name has been registered: www.supromed.eu

4. Website structure and content

The proposed structure of the home page is as follows:

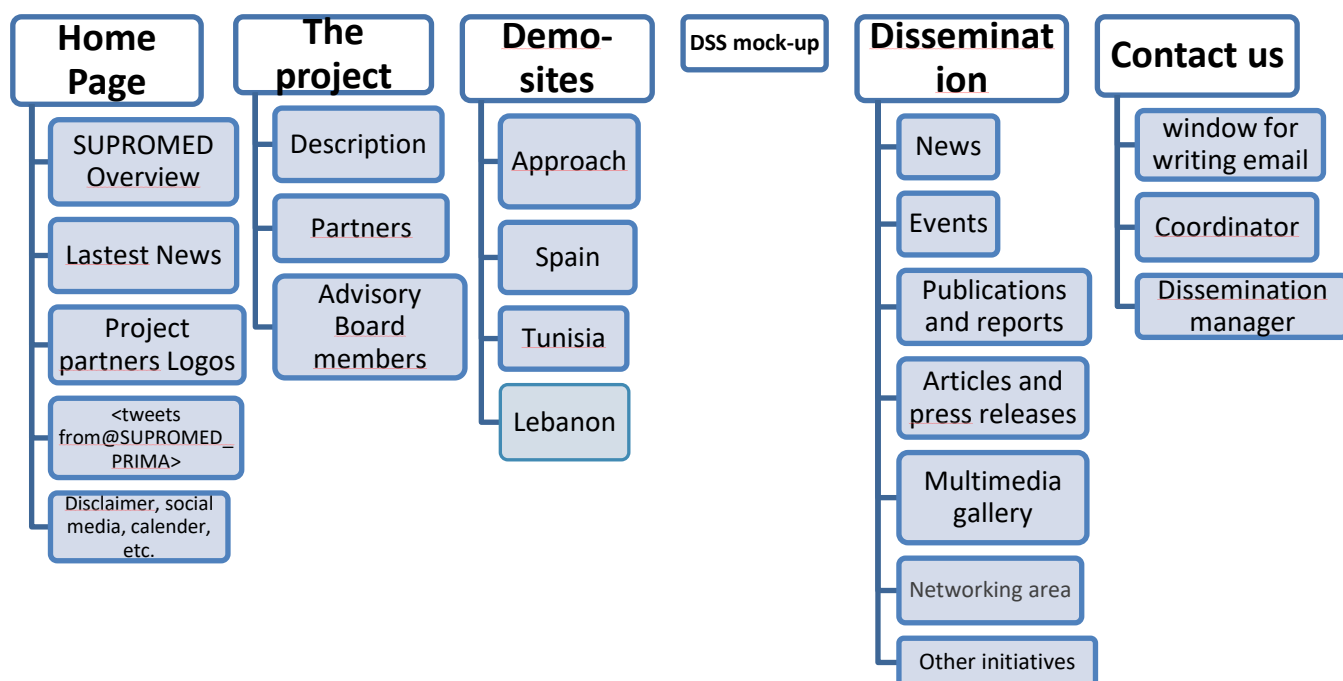


Figure 1 SUPROMED website structure

A domain name is under registration. The access to the 'private area' section is restricted to consortium partners only (where they can check, share, upload and download all the project documents, especially the working documents).

The detailed structure of the website will be as follows:

Home page:

- SUPROMED Overview: Small summary of the project
- Pictures: demo sites, partners group picture, etc.
- News: continuously updated (linked to the menu item under dissemination)

	<p style="text-align: center;">SUPROMED Sustainable production in water limited environments of Mediterranean agro-ecosystem</p>	
<p style="text-align: center;">SUPROMED (PRIMA/ Research & Innovation Activities (RIA)) Grant Agreement no. 1813</p>		

- Project partners logos in the footer
- Calendar (showing the events of interest registered by the website administrator)
- Social Media+ live twitter
- Privacy statement with disclaimer, including GDPR

The menu structure will be:

The project: submenu

- **Description:** **short attractive** text with images, including objectives, + work-packages structure
- **Partners:** Text with images: logo of partners, with short description, role in the project and web links
- **Advisory board members:** list with one sentence description + link on their organization or LinkedIn profile
- **DSS mock-up:** external link
- **Demo-sites:** submenu
 - **Approach:** description of the general approach: Text with images
 - **Spain:** Text with images, description of the site, list of stakeholders, Local meetings
 - **Lebanon:** Text with images, description of the site, list of stakeholders, Local meetings
 - **Tunisia:** Text with images, description of the site, list of stakeholders, Local meetings

Dissemination: submenu

- a) News
- b) Events
- c) Publications & reports: text with links to files that can be uploaded with the editor (- Dissemination materials –Public deliverables)
- d) Press releases and articles
- e) Multimedia gallery (photos + videos)

	<p style="text-align: center;">SUPROMED Sustainable production in water limited environments of Mediterranean agro-ecosystem</p>	
<p style="text-align: center;">SUPROMED (PRIMA/ Research & Innovation Activities (RIA)) Grant Agreement no. 1813</p>		

f) Networking area

g) Other initiatives

Contact us: Text + form to send a message (protected by captcha) + possibility to register to receive updates on the project (subscribe to news as below)

Additional

- Subscribe to news: Button with a link to an external tool such as survey monkey
- Search
- Quick links
- Legal notice

In terms of content the website must manage:

- Text with layout
- Files
- Photos and images
- Short video, directly and by integrating a frame from a streaming server (e.g. viameo, youtube, daily motion)
- Forms for registration to events (that can be customised from the Administration panel), the submission of the form should be protected by Captcha. The administrator must be able to open and lock the registration for specific period. The administrator must be able to export the registration records to a MS-Excel file

The contents of the public website will be as follows:

SUPROMED Overview

Small summary of the background and the project + Pictures: demosites, partners' group picture, etc.

“SUPROMED “Sustainable Production in water limited environments of Mediterranean agro-ecosystem” is an R&I project co-funded under the PRIMA 2018 programme section I, for a period of 3 years starting from October 2019. The project is composed of a multidisciplinary team of ten partners from five countries Spain (UCLM, ITAP, HISPATEC), France (SEMIDE), Greece (UTH, 3DSA), Lebanon (DIFAF, ULFA) and Tunisia (INRGREF, INGC). SUPROMED aims to enhance the economic and

	<p style="text-align: center;">SUPROMED Sustainable production in water limited environments of Mediterranean agro-ecosystem</p>	
<p style="text-align: center;">SUPROMED (PRIMA/ Research & Innovation Activities (RIA)) Grant Agreement no. 1813</p>		

environmental sustainability of Mediterranean farming systems through a more efficient management of water, energy and fertilizers.

SUPROMED will provide a holistic crop-livestock water management system resilient to climate change. In detail, an end-user IT (Information Technology) platform specially designed to smartly advise farmers in the efficient water management of Mediterranean cropping and livestock systems will be delivered. To this aim, SUPROMED will integrate a validated set of models and tools (MOPECO7, IREY8, DOPIR9 or DOPIR-SOLAR10) in an online platform to increase the production and income of farms through a reduction and a more efficient use of water, and other inputs such as energy and fertilizers, while decreasing the impact on the environment.

SUPROMED will consider real in-situ data and Earth Observation (EO) imagery, agro-alerts, agroclimatic classification and zoning together with drought forecast tools linked to climatic change. Drought monitoring and forecasting are essential tools for implementing appropriate mitigation measures to reduce negative impacts of droughts and will be very helpful for adequate water resource management. The end-user platform will be widely demonstrated across Spain, Lebanon and Tunisia. Moreover, an ambitious Training program that is to be performed in 4 Mediterranean countries will be accompanying farmers for the successful implementation of SUPROMED in agricultural practices.

SUPROMED aims to promote a 10-20% increase in the adoption of organizational and technological innovations in farms with an overall impact across the Mediterranean basin.”

News

It will be continuously updated (linked to the one in the dissemination)

Project partners' logos



Figure 2 Logos of SUPROMED partners

Calendar

	<p style="text-align: center;">SUPROMED</p> <p style="text-align: center;">Sustainable production in water limited environments of Mediterranean agro-ecosystem</p>	
<p style="text-align: center;">SUPROMED (PRIMA/ Research & Innovation Activities (RIA)) Grant Agreement no. 1813</p>		

The calendar will show the related events of interest registered by the website administrator.

Social Media+ Live twitter

Twitter ([link](#))

Facebook ([link](#))

LinkedIn ([link](#))

Disclaimer



The PRIMA programme is an Art. 185 initiative supported and funded under Horizon 2020, the Framework European Union's Programme for Research and Innovation

This project is part of the PRIMA programme supported by the European Union

Disclaimer notice: The European Commission and PRIMA Programme are neither responsible nor liable for any written content in this website.

© SUPROMED | Legal Notice

The project:

Description

“SUPROMED will provide a holistic crop-livestock water management system resilient to climate change. In detail, an end-user IT (Information Technology) platform specially designed to smartly advise farmers in the efficient water management of Mediterranean cropping and livestock systems will be delivered. To this aim, SUPROMED will integrate a validated set of models and tools (MOPECO7, IREY8, DOPIR9 or DOPIR-SOLAR10) in an online platform to increase the production and income of farms through a reduction and a more efficient use of water, and other inputs such as energy and fertilizers, while decreasing the impact on the environment. SUPROMED will consider real in-situ data and Earth Observation (EO) imagery, agro-alerts, agroclimatic classification and zoning together with drought forecast tools linked to climatic change. Drought monitoring and forecasting are essential tools for implementing appropriate mitigation measures to reduce negative impacts of droughts and will be very helpful for adequate water resource management. The end-user platform will be widely demonstrated across Spain, Lebanon and Tunisia. Moreover, an ambitious Training program that is to be performed in 4 Mediterranean countries will be accompanying farmers for the successful implementation of SUPROMED in agricultural practices. SUPROMED aims to promote a 10-20% increase in the adoption of organizational and technological innovations in farms with an overall impact across the Mediterranean basin.

In particular, SUPROMED propose the following **specific objectives**:

- 1. Development of an end-user IT platform, including a Decision Support System (DSS) and a Enterprise Resource Planning (ERP)**, to advise farmers and technicians on the optimal design and management of farming systems infrastructures for improving their resilience to climate change, by embracing the real-time management of water, fertilizers and energy (including photovoltaic), and the use of energy audits and benchmarking techniques to optimize the management of production means (mainly water, energy and soil).
- 2. Integration of MOPECO, IREY, DOPIR and DOPIR-SOLAR models and tools in the end-user's platform**, feed with real data from monitoring in-situ sensors and EO imagery as well as other optimized data coming from **tools for agro-alerts, agroclimatic classification and drought forecast**, to maximize farm's profitability by guaranteeing a more efficient use of available water and irrigable area, including a better linkage between livestock and crop production (rotation of crops, fodder crops, manure...), the fertilization management, pests identification, and the use of irrigation water with high electrical conductivity. These models and tools have already demonstrated the capacity to improve up to **20% the irrigation water productivity** in different crop species working isolated (detailed results are provided in 1.3.1.1.a).
- 3. Application of RDI strategies** based on experimental results applied in fruit trees and vines to balance yield and quality, and promoting the use of **Optimized Regulated Deficit Irrigation (ORDI)** for limited volumes of irrigation water on annual crops.
- 4. Validation of the end-user IT platform in three different demo sites** located in three different countries (Spain, Lebanon and Tunisia) to calibrate the different models integrated in the platform, compare their performance with traditional methods and demonstrate its performance in a real and operational environment according to each zone's socio-economic, climate and resource availability constraints.
- 5. Capacity building**: Design of a set of good agricultural practices and management techniques to farmers in established demonstration plots and consolidate them in different Farmer's Training Programmes to be performed in 4 different Mediterranean countries: Spain, Lebanon, Tunisia, and the last one in Morocco. We have Letters of Interest from organizations belonging to these countries, who are interested in implementing the training program in their respective countries.
- 6. Integration of SUPROMED results into water and agricultural policies** (in Spain, Lebanon and Tunisia) for large scale deployment: the benefits of applying SUPROMED solutions will be defined in terms of contribution to national agricultural and water strategic objectives.

Partners

A webpage dedicated to the project partners will be created

Partner	Description
<u>LOGO</u> :	Description: Max 1500 characters
<u>Name</u> :	
<u>Acronym</u> :	Role in the project:
<u>Website</u> :	

	SUPROMED Sustainable production in water limited environments of Mediterranean agro-ecosystem	
SUPROMED (PRIMA/ Research & Innovation Activities (RIA)) Grant Agreement no. 1813		

Partner	Description

Table 1 SUPROMED partners (logos, description)

Scientific Advisory Board (SAB)

A Scientific Advisory Board (SAB) was set up during the first month of the project aiming to link the SUPROMED consortium with its broad network of members. The SAB will recommend on possible dissemination routes, advise on formats for research outputs, and help brainstorm challenges that are identified during the project and spot science opportunities for the project team. Participation will include informal telephone and email communication with work package leaders, attendance to occasional meetings and participation in the main meeting of SUPROMED with comments or suggestions on reports and papers developed by the project members.

Below is the list of representative organisations of SUPROMED (SAB):

Name and Surname	Organisation	Function	Profile
Mr. Andrés del Campo	Euro-Mediterranean Irrigators Community (EIC) and Federación Nacional de Comunidades Regantes de España (FENACORE)	President	Link
Mr. Herminio Molina Abellán	Junta Central de Regantes de La Mancha Oriental		
Dr. Kamel Shideed	International Center for Agricultural Research in the Dry Areas (ICARDA)	Assistant Director General at ICARDA	Link
Mr. Steduto Pasquale	FAO-Near East and North Africa	FAO regional programmes leader & delivery manager of the regional initiative on water scarcity	Link
Prof. Ali Hammani	Agronomic and Veterinary Institute (IAV) Hassan II	Director	Link
Mr. Vicente Romero	Fertiagro Biotech , S.L.	Director	Link

Lopez			
-------	--	--	--

Table 2 Advisory board members

DSS mock-up:

External link

Demo-sites:

Approach

General description of the approach

Spain (Eastern Mancha)

- Description: (location, size, irrigated area, type of crops, farming systems, energy used, water used ...)
- Specific problems
- List of stakeholders

Lebanon (Bekaa Valley)

- Description: (location, size, irrigated area, type of crops, farming systems, energy used, water used ...)
- Specific problems
- List of stakeholders

Tunisia (Sidi Bouzid)

- Description: (location, size, irrigated area, type of crops, farming systems, energy used, water used ...)
- Specific problems
- List of stakeholders

News

The most important news related to the project and announcements. Part of the news is shown in the homepage and will be updated by SEMIDE: Text with links to files that can be uploaded with the editor (-Dissemination materials –Public deliverables)

Events

The most important events related to the project topics: in chronological order

	<p style="text-align: center;">SUPROMED Sustainable production in water limited environments of Mediterranean agro-ecosystem</p>	
<p style="text-align: center;">SUPROMED (PRIMA/ Research & Innovation Activities (RIA)) Grant Agreement no. 1813</p>		

Promotional materials

It will contain the brochures, posters and other promotional materials of the project: Text with links to files that can be uploaded with the editor (-Dissemination materials –Public deliverables)

Press releases

- a) It will contain press releases published in the media as well as the citations: Text with links to files that can be uploaded with the editor (-Dissemination materials –Public deliverables)

Publications and Scientific articles

- b) It will present the public deliverables, reports and scientific articles: Text with links to files that can be uploaded with the editor (-Dissemination materials –Public deliverables)

Gallery

It will contain pictures from the project's meetings and events and the project videos.

Networking area

Dedicated for networking between the different target groups and will cover topics such as: management of water and energy in irrigation; integrated management of collective irrigation schemes for optimal agricultural value production; good agricultural practices in terms of soil, crop and water management; Integrated Nutrient Management and feeding strategies.

Other initiatives

Links to other EU initiatives, previously– funded projects, Technology Platforms, European Innovation Partnership, or networks.

Contact us:

It will contain the emails of the project coordinator and the communication manager as well as a form to send a message (protected by captcha) and the possibility to register to receive updates on the project.

Additional

Subscribe to news (CAPTCHA protected with email confirmation)

Search

Quick links

Legal notice

	<p style="text-align: center;">SUPROMED Sustainable production in water limited environments of Mediterranean agro-ecosystem</p>	
<p style="text-align: center;">SUPROMED (PRIMA/ Research & Innovation Activities (RIA)) Grant Agreement no. 1813</p>		

In terms of content the website must manage:

Text with layout

Files

Photos and images

Short video, directly and by integrating a frame from a streaming server (e.g. meo, YouTube, daily motion)

Forms for online surveys

5. Intranet

An intranet has been created by SEMIDE on google drive, for internal communication it is managed by the coordinator with the contribution of all partners.

Structure of the intranet:

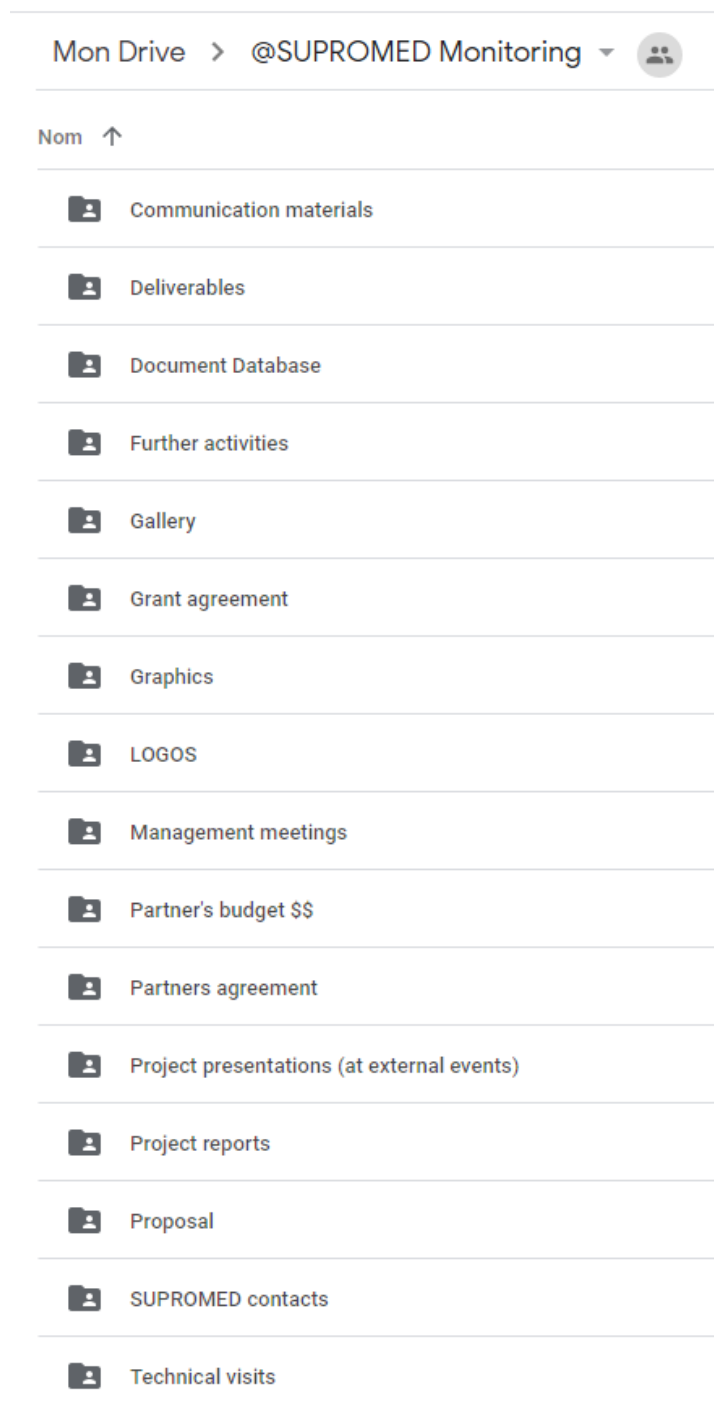


Figure 3 SUPROMED Intranet

6. Integrity, privacy and security

If the solution proposed uses cookies, an information message will have to be displayed asking for agreement from the user, with a message such as:

“We use cookies to improve our website and your experience when using it. By continuing to navigate this site, you agree to the cookie policy. To find out more about the cookies we use and how to delete them, see our privacy policy.”

7. Design and layout rules



Figure 4 SUPROMED logo

The website should use the colours of the logo and the clear font (Calibri or Arial, size: 12)

PRIMA visibility rules:

According to the programme rules we have to add the Prima Logo and the European commission logo in the footer of each webpage.



SUPROMED is part of the PRIMA programme supported by the European Union

Figure 5: Prima visibility rules in the footer

	<p style="text-align: center;">SUPROMED Sustainable production in water limited environments of Mediterranean agro-ecosystem</p>	
<p style="text-align: center;">SUPROMED (PRIMA/ Research & Innovation Activities (RIA)) Grant Agreement no. 1813</p>		



Figure 6: Prima logo



Figure 7: European commission logo