

EU-CIRCLE

A pan-European framework for strengthening Critical Infrastructure resilience to climate change

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Statement

This Deliverable presents in paper the EU-CIRCLE website

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Name		Partner	Date	
From	Romaios Bratskas	ADITESS	28/08/2015	
Reviewer	George Eftychidis	KEMEA	31/08/2015	
Reviewer				
For delivery	Thanasis Sfetsos	NCSRD	1/9/2015	

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List here the changes and their rational for each release



Executive Summary

The EU-CIRCLE website is accessible at the address http://www.eu-cicle.eu and is considered one of the most essential dissemination tool of the project. The website is designed aiming to be simple, functional and intuitive for the project stakeholders' and different types of audience. The content of the website includes information such as a brief description of the EU-CIRCLE project including the objectives, information about the consortium, all the research relevant material, documents such as publications, newsletters, etc. News and events are also provided by the website.

In this document we are going to present the sitemap of EU-CIRCLE website revealing the way information is structured, providing also the description of the sections it contains and their relative content.



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1 Introduction

A project website is one of the most essential dissemination tool. In must be functional and user friendly as it contains information for different types of audiences.

The EU-CIRCLE project has developed its own web site, which can be accessed at http://www.eu-circle.eu/. Though the website, users can find relevant to the project information, documents and other important material such as results and outcomes of the project. The website is divided into five sections.

The about section contains information about the EU-CIRCLE project such as a brief introduction and the objectives. Information about the consortium, including details of each partner with a short description as well can also be found.

In the research area, users are able to find information about the research under this project. The Case Studies of the project are presented. Key findings and deliverables of the project can be found here. Finally, under this section, there is the stakeholder area where important information about the stakeholders will be provided.

All the documented material of the project including scientific publications, newsletters and press releases, presentations and other printable documents such as brochures will be available under this section.

The news and events of the project will be announced to the webpage as well. Through the News & Events option of the menu, a list of the latest news and upcoming events will be presented.

Finally, users can contact the EU-CIRCLE project's coordinators through the contact information provided by the website under the certain section. In particular, contact information about the project and dissemination coordinators will be given

The rest of this document will describe the EU-CIRCLE project. In the second chapter we presented the tools and procedures used for the design of the website. The next chapter describes the content of the website. Conclusions about EU-CIRCLE website will be found at the last section of this document. Finally, in the Annex the reader can find the logos of the EU-CIRCLE project and each one of the partners of the consortium as are used in the website.



2 EU-CIRCLE Website Design

2.1 Hosting and Domain

The EU-CIRCLE website is hosted on a dedicated server owned by ADITESS Ltd. The domain name that will be used for the website has been registered and purchased for a minimum period of five years, which can be extended. This domain is eu-circle.eu and can be accessed at the http://www.eu-circle.eu web address.

2.2 Web-Design Tools and Methods

For the design and the development of the EU-CIRCLE website, we chose to use WordPress (http://www.wordpress.org). WordPress is a free and open source content management system (CMS) based on PHP, MySQL, JavaScript and CSS3. Web development on WordPress is possible with the deployment of specially designed templates some of which are freely available. The platform also allows the deployment of plug-ins with added functionality and extra features as needed.

In EU-CIRCLE website we use the "Evolve" theme. "Evolve" is a multi-purpose WordPress theme suitable for building blogs and provide simple and clean website layout. We further enhance the used theme with plugins that increase the functionality and the appearance of the website. Such plugins are the google maps, photo gallery, accessibility tool, twitter feed etc.

2.3 Browser Compatibility

To maximise visibility, EU-CIRCLE website was designed to render appropriately in all common web browsers on all common operating systems. These included various versions of Firefox, Internet Explorer, Google Chrome and Safari browsers on Apple MAC OS X, IOS and Microsoft Windows operating systems. Furthermore, due to the responsive theme the website is accessible from all the devices including tablets and smartphones.

2.4 Google Analytics

In order to help the monitoring and analysing the usage of our website, we have registered the site with the free Google Analytics service. Using this service, reports about the usage and accessing of public data (webpages) will be created providing the site administration with helpful information on:

- How many users are visiting the site
- The number of the returning visitors
- How long users are spending on the site
- Which pages are most popular
- How users where informed about the site
- · Countries from which users are accessing the site
- The number of downloads of specific publicly available files on the site
- The kind of the devices that interacting with the website

The google analytics data are accessible through the Google Analytics official website and mobile application as well an installed plugin to our website administration panel which provides all the available reports. Figure 1 shows an example of the google analytics dashboard.



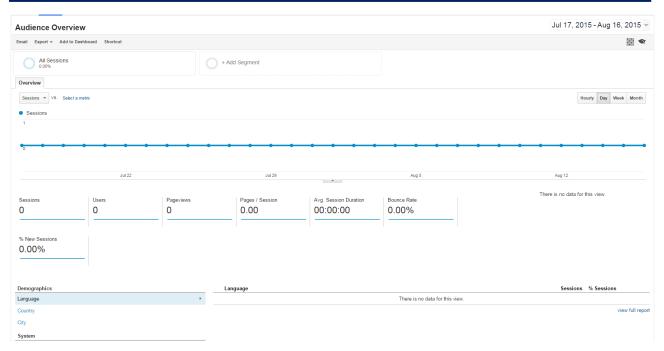


Figure 1: Google Analytics Dashboard



3 EU-CIRCLE Website Contents

The EU-CIRCLE website is the key communication tool. It serves as a public window, in which the project communicates relevant information about its goals, progress, upcoming activities and events to the various target audiences.

The EU-CIRCLE website is developed by the ADITESS Ltd (http://www.aditess.com) who is responsible for its administration. The content of the website consists of static information about the project and relevant activities planned to address its objectives. Table 1 presents the initial website map (menu structure).

Table 1: Website Map

Root Menu	Sub-Menu	Sub-Sub-Menu
Home		
About		
-	What is EU-CIRCLE	
-	The Consortium	
-	Related Projects	
Research		
-	Case Studies	
-	-	Case Study 1
-	-	Case Study 2
-	-	Case Study 3
-	-	Case Study 4
-	-	Case Study 5
-	Key Findings	
-	Deliverables	
-	Stakeholders Area	
-	-	CI owners/operators
-	-	Climate Change Community
-	-	Governmental Organisations
Documented Material		
-	Scientific Publications	
-	Newsletters	
-	Press releases	
-	Presentations	
-	Archive	
-	-	Brochures
News & Events		
Contact		

The main structure of the website is consisted by the following parts:

- 1. Header: The logo and the main navigation menu (Table 1) are located to the header area (see Figure 2). Also, links to the social media accounts are also located to the top right side of the header area. This module is visible and accessible from all the pages of the website.
- 2. Footer: The footer area (see Figure 3) contains the EU funding disclaimer, the grand agreement number of the project and the European Union flag. Similar with the header area, footer is visible by all the pages of the website.



- 3. Right Sidebar: The sidebar appears in the most pages of the website and provides information about the twitter account activity as for the upcoming events through a list and a calendar view. Also, the sidebar presents the project details such as the duration. Figure 4, 5 and 6 depict the components of the sidebar.
- 4. The main container of each page is responsible to provide the specific information based on each selected page. The rest of this section presents details about each page of the website.



Figure 2: Header Area



Figure 3: Footer Area

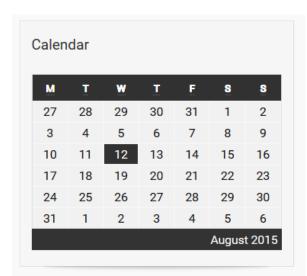


Figure 4: Sidebar Calendar

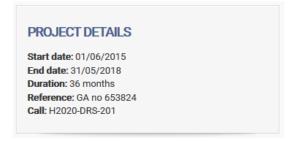


Figure 5: Project Details

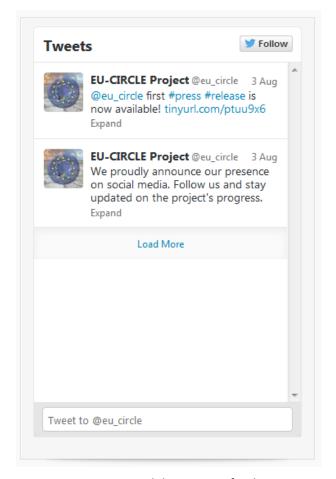


Figure 6: Sidebar twitter feed

The EU-CIRCLE website provides information about the path (see Figure 7) of the visited page at any given time through the breadcrumb trail. This gives to the visitor a better perception of the structure of the website and the ability to navigate forward and backword within the pages of the website.

```
# Home → Research → Stakeholders Area → Cl owners/operators
```

Figure 7: EU-CIRCLE website breadcrumb trail

3.1 Home

The EU-CIRCLE homepage is the main public face of the EU-CIRCLE project. Beyond the four main parts of the website that described earlier home page includes a slider where specific material of the EU-CIRCLE project is illustrated. This material is dynamic and will be updated during the project with significant news, results, events, etc.

On the homepage of the website there are sections that give a brief information about the content of the website and a quick links to relevant pages. Currently, information about the project, related project, case studies and link to the contact us page is provided.



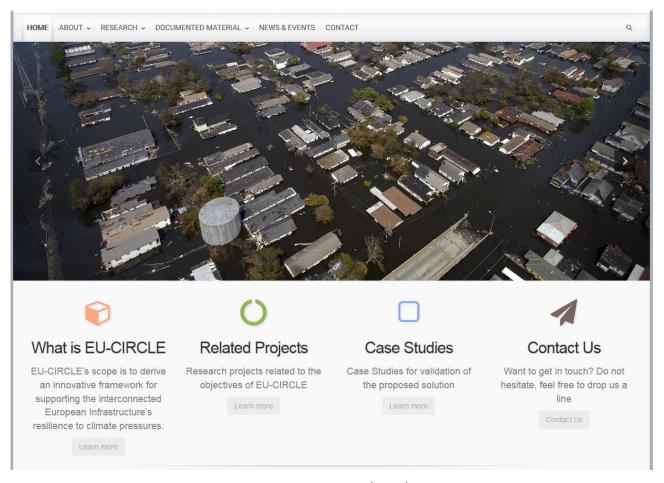


Figure 8: Home Page (Part 1)

The main part of the home page presents the latest news of the EU-CIRCLE project. Figure 8 and 9 present the homepage of the website.



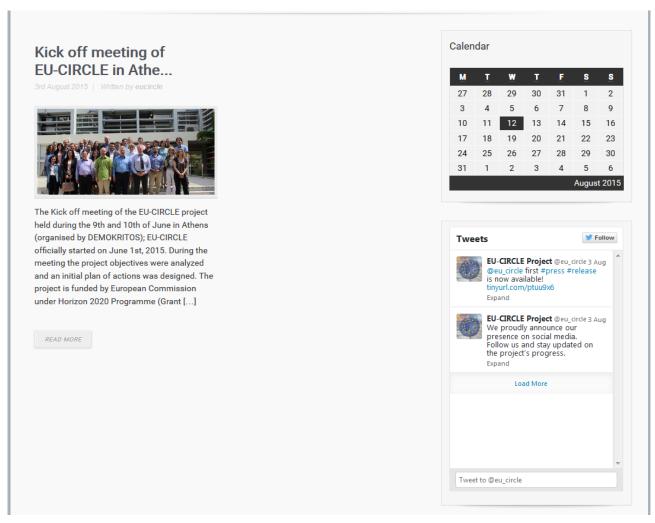


Figure 9: Home Page (Part 2)

3.2 About

The About sub-menu (see Figure 10) contains three relative web pages, "What is EU-CIRCLE", "The Consortium" and "Related Projects". Thought this pages the main overview of the project as well as the consortium and relevant EU-initiatives will be described.

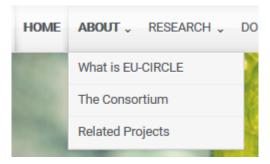


Figure 10: About Sub-Menu

3.2.1 What is EU-CIRCLE

In this page a short description of the EU-CIRCLE project. At the first part of this page we state the problem of the climate related hazards and the potential of them to affect the lifespan and the effectiveness or even



destroy of European Critical Infrastructures. Then we describe the main strategic objective of the EU-CIRCLE project as well as the scope of the project. The second part of the page presents a list with the objectives of the EU-CIRCLE project.

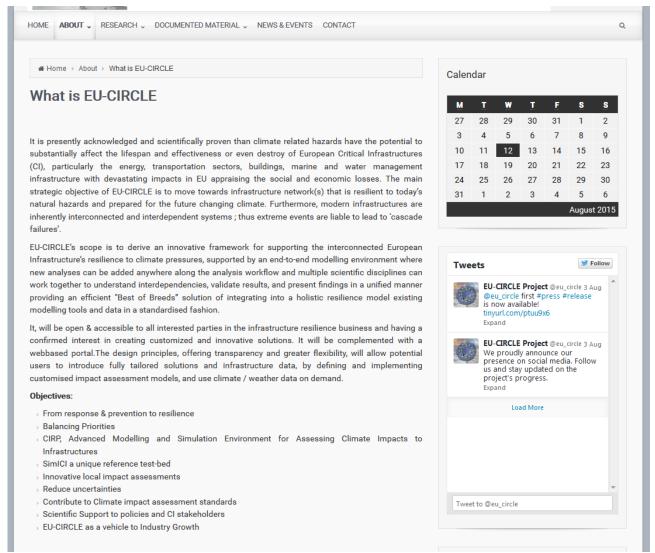


Figure 11: What is EU-CIRCLE Page

3.2.2 The Consortium

The web page of the consortium presents the twenty participating organizations of the project. A list of all the partners is given at the top of the page and on click the web page will focus on each partner giving further details. Specifically, for each partner we present the logo, the name of the partner and a short description of its competence and expertise. A link to the official webpage of each partner is also provided through the logo and the organization name.



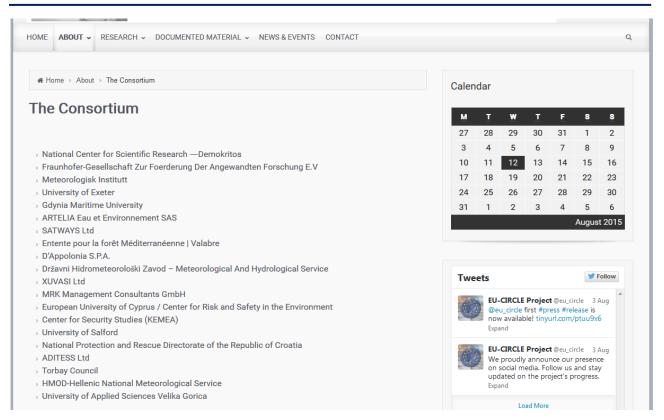


Figure 12: The Consortium Page



Figure 13: Placeholder for each organization

3.2.3 Related Projects

At the section we present relevant EU-initiatives that the EU-CIRCLE consortium is aware and aims to support. For each initiative we give a short introduction and a link to the official webpage is associated with the name of the initiative.



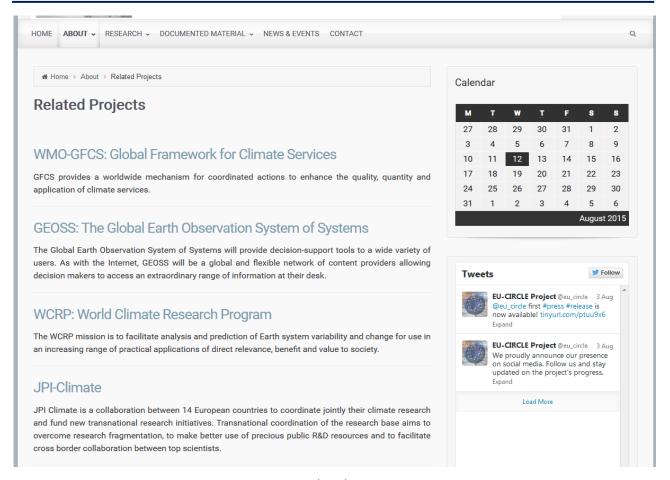


Figure 14: Related Projects page

Currently under the related projects page we present information for the following initiatives:

- WMO-GFCS
- GEOSS
- WCRP
- JPI-Climate
- Climate Services Partnership
- Climate-ADAPT
- EIT Climate-KIC

3.3 Research

This section of the website will provide research information about the EU-CIRCLE project. We break down this section in four areas, the Case Studies, the Key Findings, the Deliverables and the Stakeholders Area which can be reached using the sub-menu under the Research (see Figure 15).

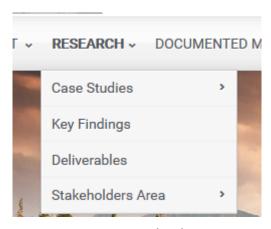


Figure 15: Research sub-menu

3.3.1 Case Studies

The main page of this section presents a summary of the case studies. An individual page for each considered case study of the project is also created and you can reach it from the associated link in the main Case Studies webpage or the provided sub-menu next to the Case Studies. EU-CIRCLE considers five case studies which are presented in Table 2.

Table 2: EU-CIRCLE Case Studies

Case Study	Description
1	Extreme Dryness and forest fires on electricity and transport networks
2	Storm and Sea Surge at a Baltic Sea Port , Gdynia Poland
3	Coastal Flooding (surface water, highway, sewer and watercourse flooding) across Torbay, UK
4	International Event
5	Rapid Winter Flooding (melting ice, narrow mountain streams, flooding) around Dresden, Germany

3.3.2 Key Findings

At this page various key findings during the duration of the project will be presented. Currently this page is empty.

3.3.3 Deliverables

This section presents the list of deliverables of the EU-CIRCLE project. For each deliverable information about the relative work package, the nature of the deliverable and the expected date of delivery is also given. Public deliverables can be downloaded in a pdf format using the hyperlink associated to the title of the deliverable.

3.3.4 Stakeholders Area

Through this section we will promote the project's results to the stakeholders from the CI community. We break down this section to three sub-sections (see Figure 16) for each specific category of stakeholders:

- Cl owners/operators
- Climate change community



Governmental Organizations

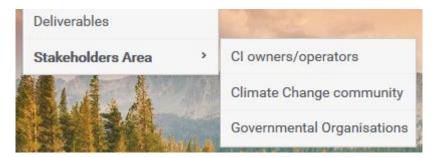


Figure 16: Stakeholders Sub-menu

3.4 Documented Material

Under this section we will provide all the related documents with the EU-CIRCLE projects. The documents can be scientific publications, newsletters and press releases, presentations as well as the digital version of printed material such as brochures, banners or posters.

Particular category of each document can be reached using the provided submenu (see Figure 17)

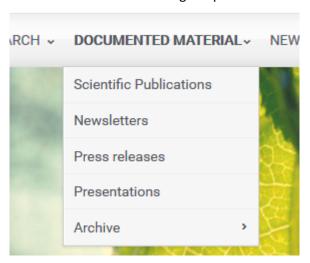


Figure 17: Documented Material submenu

3.4.1 Scientific Publications

This section of the website will include all the scientific publications made by the EU-CIRCLE Consortium. Details about the authors, title and the conference/journal will be also given for each publication with the appropriate links. The provided publications will be archived under categories such as journals, papers, etc.

3.4.2 Newsletters

This page will present a list with project's newsletters. The users of the website can download the provided newsletters using the associated hyperlink to each issue.

3.4.3 Press releases

All the press releases of the project will also published under this page. Users can read and download the various press releases. Currently we provide information about the first press release of the project.



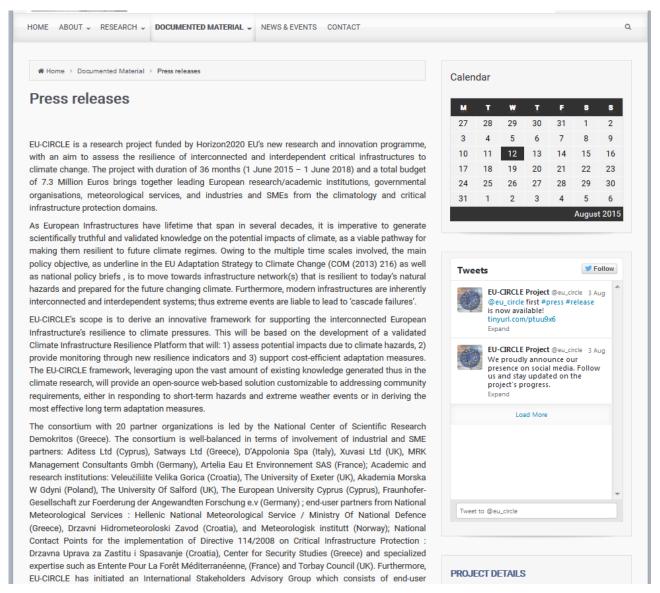


Figure 18: Press releases page

3.4.4 Presentations

This page will present a list including all the related with the project presentations. Users can go through the list and download the available presentations.

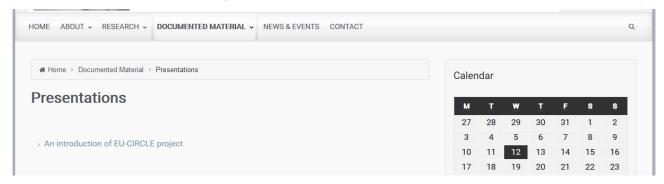


Figure 19: Presentations page



3.4.5 Archive

Currently this page will be used to archive the printed material of the project such the brochures. Users can find under this page the pdf versions of the printed documents.

3.5 News & Events

The "News & Events" section lists all the posts (news) and events that are made public during the project. Every post is a link to a subpage, where more detailed information are presented.

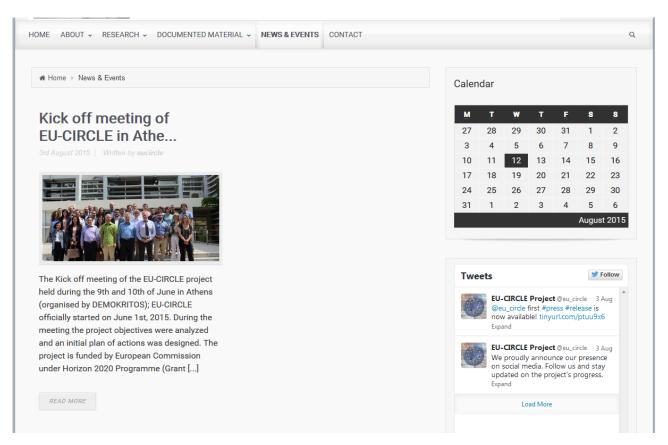


Figure 20: News & Events Page

Using the configured plugin for the events of the WordPress Platform, the EU-CIRCLE administrator can easily create and manage the events. Though the provided form the users is requested to give the Event Title as well a description about the event and a photo if exists. Beyond this information, the administrator is able to configure the dates and location of the event. Finally, for each event some special features such recurring options, categories and event access are also available.

3.6 Contact

The "Contact" page includes contact details of the project and dissemination coordinators. In particular, for each coordinator we provide information about their organization using the logo and an associated link to the official page as well as personal details including the contact person name, email and phone number.

To help the visitors we further provide information about the actual location of each organization through a google map module. Users can interact with the map and they are able to get instructions on how to visit the organizations.



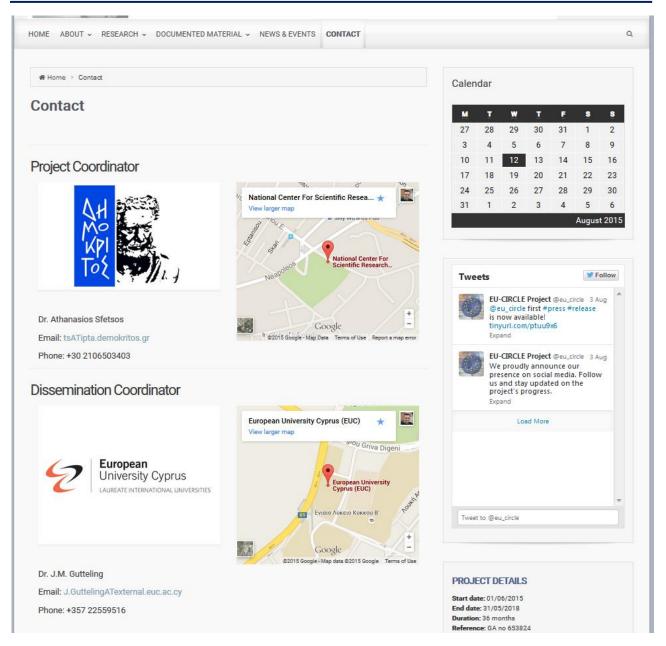


Figure 21: Contact page



4 Conclusions

In a nutshell, in this document, a detailed approach for EU-CIRCLE website has been presented. Description of the methods used to build it, the hosting features and its section was provided.

Currently, EU-CIRCLE website is capable to full fill its initial scope, as one of the most essential dissemination tools. EU-CIRCLE consortium though, will continuously update the contents of the website. More specifically, in the download area, newly produced dissemination material will be added, as long as publications and public deliverables. Moreover, news area about EU-CIRCLE project will be updated with upcoming events and information, impact and photos about those implemented.



Annex I: EU-CIRCLE and Partners' Logos

Figure 22 presents the EU-CIRCLE project's logo.



EU-CIRCLE

A pan-European framework for strengthening Critical Infrastructure resilience to climate change

Figure 22: EU-CIRCLE logo

Table 3: Partners' Logos

Partner	Logo
National Center for Scientific Research —Demokritos	以表表
Fraunhofer-Gesellschaft Zur Foerderung Der Angewandten Forschung E.V	Fraunhofer
Meteorologisk Institutt	Norwegian Meteorological Institute
University of Exeter	EXETER



Gdynia Maritime University	WERSINE NO LAND.
ARTELIA Eau et Environnement SAS	ARTELIA
SATWAYS Ltd	Satways
Entente pour la forêt Méditerranéenne Valabre	VALABRE CENTRE D'ESSAIS ET DE RECHERCHE
D'Appolonia S.P.A.	D°APPOLONIA consulting, design, operation & maintenance engineering
Državni Hidrometeorološki Zavod – Meteorological And Hydrological Service	DHMZ
XUVASI Ltd	XUVASI ENBAGING EXPERIENCE
MRK Management Consultants GmbH	MANAGEMENT CONSULTANTS
European University of Cyprus / Center for Risk and Safety in the Environment	European University Cyprus LAUREATE INTERNATIONAL UNIVERSITIES



Center for Security Studies (KEMEA)	KEMEA RIBITO ALITAMATA CITAL POLITICAL AND ALITAMATA
University of Salford	University of Salford MANCHESTER
National Protection and Rescue Directorate of the Republic of Croatia	duzs Državna uprava za zaštitu i spašavanje
ADITESS Ltd	Advanced Integrated Technology Solutions & Services
Torbay Council	TORBAY
HMOD-Hellenic National Meteorological Service	HELLENIC NATIONAL METEOROLOGICAL SERVICE ΕΘΝΙΚΉ ΜΕΤΕΩΡΟΛΟΓΙΚΉ ΥΠΗΡΕΣΙΑ
University of Applied Sciences Velika Gorica	VELEUČILIŠTE VELIKA GORICA of APPLIED SCIENCES VELIKA GORICA