



Horizon 2020
European Union Funding
for Research & Innovation

D6.2 – Communication and Dissemination Plan

WP6

Lead Partner: FENIX

Partner Contributors: All

Dissemination Level: PU

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Project Acronym	EENSULATE
Project Title	Development of innovative lightweight and highly insulating energy efficient components and associated enabling materials for cost-effective retrofitting and new construction of curtain wall facades
Grant Agreement n°	723868
Funding Scheme	Innovation Action
Call	H2020- EEB-2016
Topic	EEB-01-2016 Highly efficient insulation materials with improved properties
Starting Date	1 st August 2016
Duration	42 Months

Executive Summary

Deliverable D6.2 aims to describe the dissemination and communication plan in the framework of the EENSULATE project. The goal is to reach the widest dissemination of the foreground generated by the EENSULATE project and raise public awareness about the development of innovative lightweight and highly insulating energy efficient components. In this framework a strong communication strategy must be set up in order to reach the targeted impact. To reach these goals, the whole consortium is obliged to conduct dissemination activities as previously agreed. This report offers an overview on completed and planned dissemination activities and communication tools.

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1 Introduction

The objective of the Dissemination Plan is to identify and organise the activities to be performed in order to promote the commercial exploitation of the project's results and the widest dissemination of knowledge from the project. The plan is expanded in two directions: towards the marketing activities in order to enhance the commercial potential of the system and towards the notification of project's results in the scientific, EC and general RTD sector.

The present document constitutes Deliverable D6.2 (Communication and Dissemination Plan) in the framework of WP6 (Exploitation, Dissemination and Communication), regarding Task 6.3 (Communication and Dissemination). This report summarizes the consortium's strategy and concrete actions to disseminate the foreground generated by the project. The present preliminary plan helps participants to establish a basis for the dissemination and use of foreground, and prepares to implement their strategy. Moreover, information related to the dissemination and communication plan aiming to raise the public awareness on the project results and to demonstrate to the potential end-users the advantages of the new process and product, is presented.

Dissemination is a horizontal activity and concentrates on disseminating the results of EENSULATE project itself to a wide range of existing or potential stakeholders. The practical experience and guidance to emerge from the project work will be of relevance to an array of stakeholders within EC and beyond and will be of value across different sectors and internationally. To fulfil these aims, the EENSULATE project will work through various carefully focused groups and committees through formal and informal mechanisms. Clear channels of communications between the project partners themselves as well as with the wider community will play a crucial role in the success of the project.

2 Dissemination and communication strategy

The goal of communication activities is to reach the widest dissemination of the foreground generated by the EENSULATE project and raise public awareness about the development of innovative lightweight and highly insulating energy efficient components. In this context, a strong communication strategy must be set up in order to reach the targeted impact. The whole consortium should commit to perform dissemination activities and proactively look for dissemination opportunities (dissemination channels, contribution to presenting project results publicly, prepare scientific publications). These basic criteria should be the following:

- target audiences and contents carefully identified
- communication messages formulated in accordance with the target audience
- information channels and tools carefully identified in order to optimally reach the target audience and to clearly convey the project ideas.

Objectives

The objectives of the dissemination activities within the framework of the EENSULATE project:

- ✓ to provide up-to-date information about the EENSULATE project
- ✓ to increase the level of awareness of the EENSULATE results in the industrial community
- ✓ to share the technical results of the EENSULATE project with the scientific community
- ✓ to promote the research and receive useful inputs from other scientists and communities
- ✓ to create a strong base for future partnerships, collaborations, and information exchange between relevant communities
- ✓ to create European communication channels within industry and scientific communities
- ✓ to attract potential customers
- ✓ to gather feedback from peers, experts, scientists, researchers, potential customers, industry, and the general public

Target audience

The main focus for all dissemination activities is on the insulation material, energy efficiency and the building sector in general. Possible target groups will be all players involved in construction industry and renovation projects:

- policy makers
- business representatives
- public authorities (local, municipal authorities granting building permits)
- sectorial and industry associations
- education institutions and society
- investors (financial institutions, bankers, project developers)
- service providers (thermo-technical companies, engineers, construction companies, ESCOs)
- Industry/Manufacturers (raw materials producers, heat battery manufacturers/providers, installers, reactor components and other equipment)
- Civil society/End-users (building managers, public buildings owners, homeowners, and housing associations)
- Standardization/certification bodies (technical chambers, National standard organizations)

Commitment of partners

Each EENSULATE partner will proactively participate in communication and dissemination activities related to the EENSULATE project by exploiting their communication channels to reach the widest audience. This should be performed in a structured way, such that the coordinator is able to track these activities. The partner who is the most experienced one and who possesses the greatest expertise in a certain dissemination activity will carry out the just mentioned activity. For the tracking of actions executed by EENSULATE partners a set of tools for the collection of inputs in regards to planned activities has been developed:

- dissemination plan table
- tracking of dissemination and communication actions table (template for dissemination activities, Appendix 1).

Permission to publish any information from the EENSULATE project will need to be submitted to General Assembly following EC rules (ensuring that the sensitive material is not disclosed).

Dissemination tools

Dissemination activities will be targeted both nationally and internationally. Tools that will be used for dissemination are:

- internet (project website, social network profiles)
- journal publications (scientific, technical, industrial, economic journals, popular magazines, mailings related to construction, technology and innovation, building and environment, energy savings etc.)
- regional, national and international conferences, workshops, seminars, fairs, exhibitions etc.
- webinars to convey training to students and professionals
- organization of demo sites tour in order to show to different audiences the results achievements and innovations.
- press releases, E-newsletter
- links to other projects
- project description, PPT presentation, leaflets, brochures, posters
- video production, gadgets (pens, stickers, notepads, etc.)
- info-graphics, common graphic identity

2.1 Monitoring

Dissemination actions performed by the partners will be monitored. A Dissemination and Communication activities tracker has been prepared to be used for tracking of dissemination and communication actions by partners. The template contains details about the specific events and publications. The template will be updated by the responsible partner (FENIX) any time an action is concluded. A central master file grouping all dissemination and communication actions carried out by all partners is kept updated by FENIX and stored on the EENSULATE website.

2.2 Project identity and public image

A clear and coherent visual and graphical appearance will allow an easier identification for the public as well as an easier visibility to obtain a branding for the EENSULATE project during the dissemination activities as shown in the following section.

Project logo and logo manual

A EENSULATE logo was created at the beginning of the project in order to define a project identity. In such a way any kind of internal or public document (deliverables, reports, internal communications, publications, etc.) can be identified.

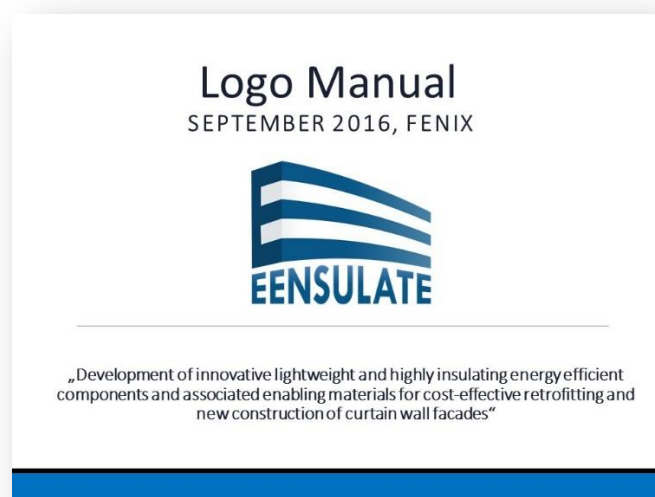


Figure 2.1 - EENSULATE logo

The project logo should be used in the following cases:

- in all documents developed within the framework of the EENSULATE project; in documents to be submitted to the EC (e.g. deliverables)
- in PowerPoint presentations to be used for communication and dissemination activities to be carried out by each participant within the framework of the project
- on the EENSULATE website, and on websites of the participants with a link to the project website and social profiles

It is important to follow and respect the project visual identity in order to maximize the impact on the audience. For this reason, a Logo manual was prepared, outlining the visual identity guidelines (master brand logo, color, logo usage, logo clear zone, relation to other logos, typography, file formats, applications and errors to avoid). The EENSULATE logo manual is available on the project website.



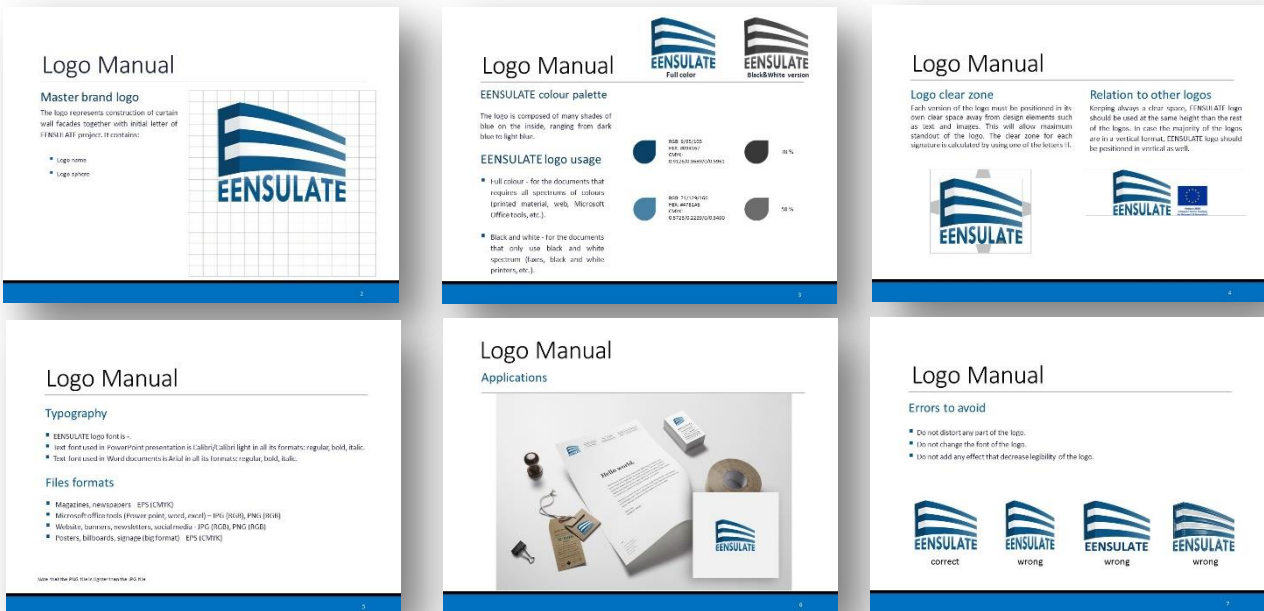


Figure 2.2 - EENSULATE logo manual

Partners' logos

Partners' logos will also be included according to the dissemination activity such as events, presentations, publications, brochures, posters and the website. An important factor for successful dissemination during the project is its awareness on the market and attention about the EENSULATE project, especially when the project is completed.



Figure 2.3 - EENSULATE partners' logos

EU emblem and H2020 logo



Figure 2.5 - European Union emblem



Figure 2.4 - EC Horizon 2020 logo

Statement of financial support

All dissemination relating to foreground shall include the following statement to indicate that the foreground was generated with the assistance of financial support from the European Community:

“This project has received funding from the European Union’s Horizon 2020 research and innovation programme under grant agreement No 723868”.

H2020-EEB-2016-2017/H2020-EEB-2016

2.3 Completed dissemination activities

The following sections consist of the descriptions of the completed activities in the course of dissemination within the first 6 months of the EENSULATE project (August 2016 – January 2017).

2.3.1 EENSULATE website

A website was set up in the early stage of the project for both, consortium members and public access. The website is actively maintained during the project period by FENIX. The aim of the website is to increase the recognition of the EENSULATE project to the public. The EENSULATE website provides a reference to be updated during the project. It is divided into two sections.

The public area of the project website provides all relevant project information for the public at large. Public information includes: background information of the project, public documents with the possibility of downloads (brochures, working papers, presentations, reports, etc.), news and events (workshops, seminars, conferences etc.), information about the consortium partners (including links to their websites). The private section is available only for the project’s partners and offers several documents with sensitive content.

The website link: www.eensulate.eu

Main objectives:

- The content is in a clear, understandable language
- The website provides private area (password protected) for the consortium members
- Coordinator and all partners’ information are included
- Illustrations, designs, photos, videos, brochures and a downloadable informative poster available
- Information regarding forthcoming events and conferences is included

- Web address is registered to search engines
- Social network profiles included

The website was developed and is maintained by FENIX, which updates the website after any progress on the project has been made.

A) Public website sections:

Home: The starting page is called 'Home' and is dedicated to summarize the concept and shows sections of project description.



Figure 2.6 - EENSULATE website - Homepage section

Project description: In this section, a detailed description of the EENSULATE project, following the Grant Agreement, is included. It also states the overall concept, goal, expected impact of the project, project targets and objectives and info about demonstration buildings.

Figure 2.7 - EENSULATE website - Project description section

Public documents: In this section, a user is able to download dissemination material such as scientific papers, presentations, posters, brochures, photos of the consortium, etc. The Documents section is split into subsections Reports, Promo material, Papers, Presentations, Newsletter etc. (subsections can be added based on the project requirements at any time) and will contain all material that has been published and is thus publicly available (respecting copyright issues).



The screenshot shows the EENSULATE website's 'Documents' section. At the top, there is a navigation menu with 'DOCUMENTS' highlighted. Below the menu, the 'Documents' title is centered. A row of seven folder icons represents different document categories: Promo material, Presentations, Newsletter, Publications, Papers, Reports, and Others. Below this, a 'Private documents' section contains a login form with fields for 'Username' and 'Password', and a 'Log in' button. The page also features 'News' and 'Social Media' sections. The 'News' section includes two articles: '18.10.2016 | WP1 meeting' and '12.09.2016 | EENSULATE as member of AMANAC cluster'. The 'Social Media' section displays a tweet from @Eensulate1. The footer contains contact information, a newsletter subscription form, and a logo for Horizon 2000 European Union Funding for Research & Innovation.

Figure 2.8 - EENSULATE website - Public documents section

News and events: Here, a user is informed about news in regards to the EENSULATE project, the latest events (including all meetings of the project partners and important events in which a large group of the consortium partners participate, such as conferences, fairs, workshops, etc.). Short info about the most relevant upcoming news is reflected at the bottom part of the website as well on the Home page.



The screenshot shows the 'News & Events' section of the EENSULATE website. At the top, there is a navigation menu with 'NEWS AND EVENTS' highlighted. Below the header, the section is titled 'News & Events' and 'Passed Events'. Three news items are listed:

- 18.10.2016 | WP1 meeting**: One day WP1 meeting of Eensulate project took place in Janov. Leader of this work package is D'Appolonia S.p.A and concerns business drivers and high level performance specifications.
- 12.09.2016 | EENSULATE as member of AMANAC cluster**: EENSULATE project is now member of AMANAC! AMANAC is the Cluster of all "Advanced Materials and nanotechnology PPP-CeD projects under FP7 and an extension of the Nano-E2B-Cluster". AMANAC currently represents about 30 European projects and 255 projects partners. The main objective of the AMANAC is to join efforts in order to promote synergies and fields of cooperation among Projects whose activities focus on energy efficiency in the building environment. AMANAC Cluster will allow the involved projects to be more productive, competitive, successful and support them to establish a broader social and industrial impact.
- 30.08.2016 | Kick Off Meeting**: The EENSULATE project officially started on 1st August 2016. Two days Kick off meeting was held in Brussels, Belgium on 30 th August - 1 st September 2016. The project consortium consist of 14 partners from 8 countries of EU (Italy, Belgium, Poland, United Kingdom, Germany, Spain, Netherlands and Czech Republic).

Below these items, there is a section for 'Social network profiles' with a link to follow the project on Twitter, LinkedIn, Google+, and Facebook.

The bottom part of the page features a 'News' section with a summary of the two most recent events and a 'Social Media' section displaying a tweet from @Eensulate1: "On 18th October WP1 #meeting took place in #Janov. Leader of this work package is D'Appolonia S.p.A. #meeting #horizon2020 #EUproject".

At the very bottom, there is a dark blue footer containing:

- Eensulate Project**: Project description, Documents, News and events, Gallery, Partners, Contact.
- Contact**: General contact (info@eensulate.eu), Project Coordinator (Daniela Reccardo, daniela.reccardo@dappolonia.it, +39 010 3628148).
- Newsletter**: A form to subscribe with the email 'your@e-mail.com' and a 'Subscribe' button.
- Logos**: Twitter, Facebook, Google+, LinkedIn, and the European Union flag.
- Text**: "This project is supported by the European Commission under the Energy Theme of the Horizon 2020 for research and Technological development. Grant Agreement number 637138".

Figure 2.9 - News & Events section

Gallery: In this section, a user is able to have a look at and download images from meetings, events, etc.

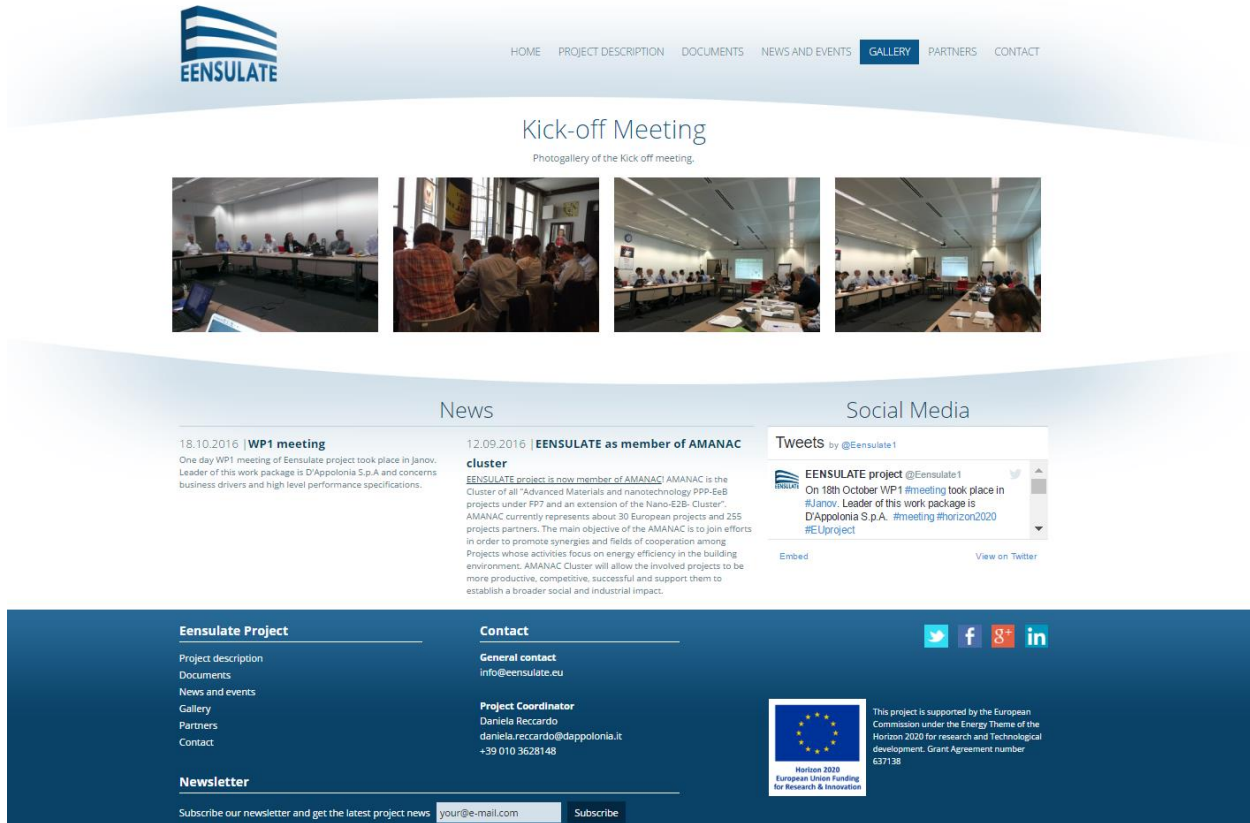
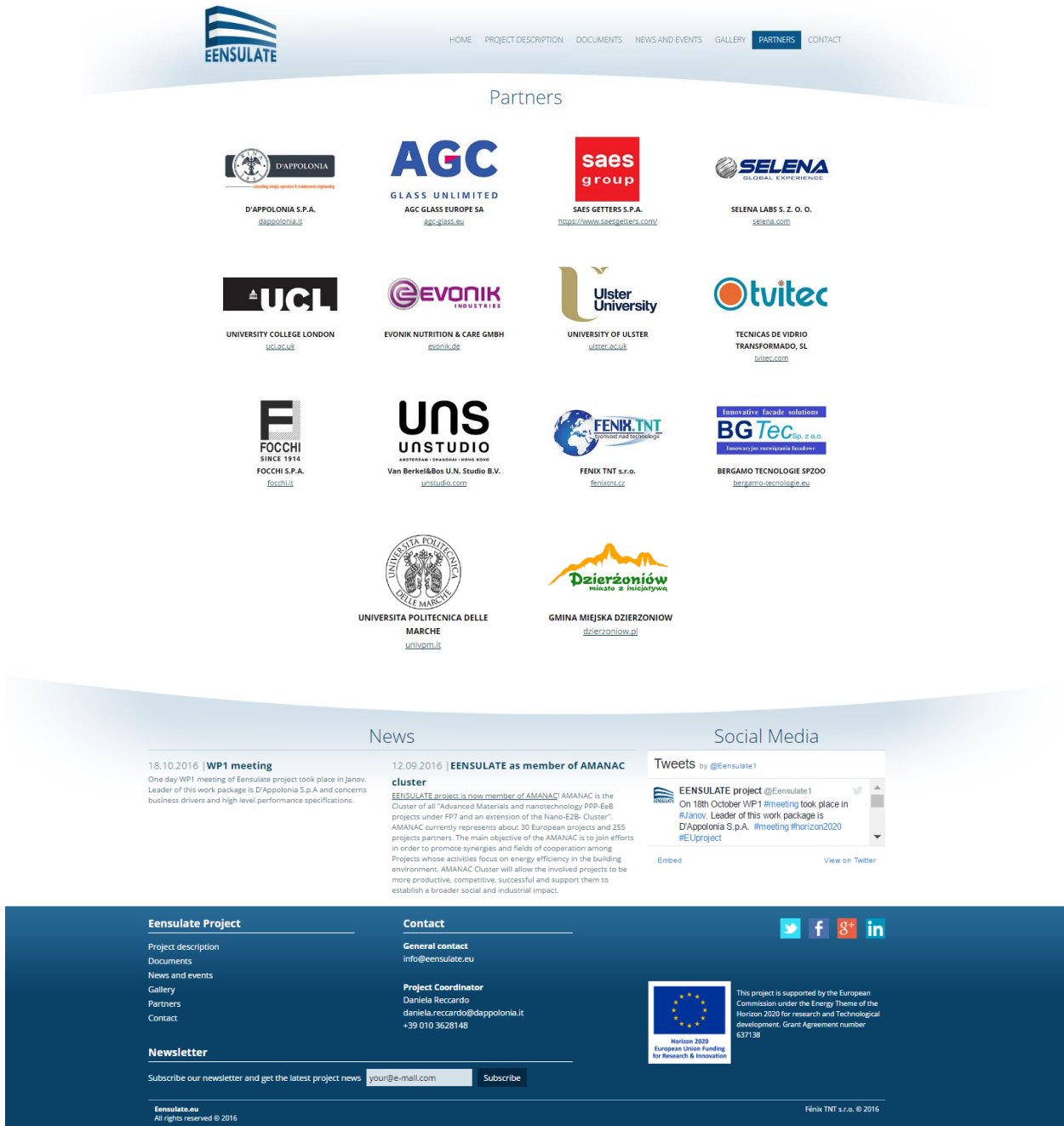


Figure 2.10 - EENSULATE website - Gallery section

Partners: This part of the web site contains information about the partners involved in the EENSULATE project. It shows each partner's name, logo and a link to the partner's homepage.



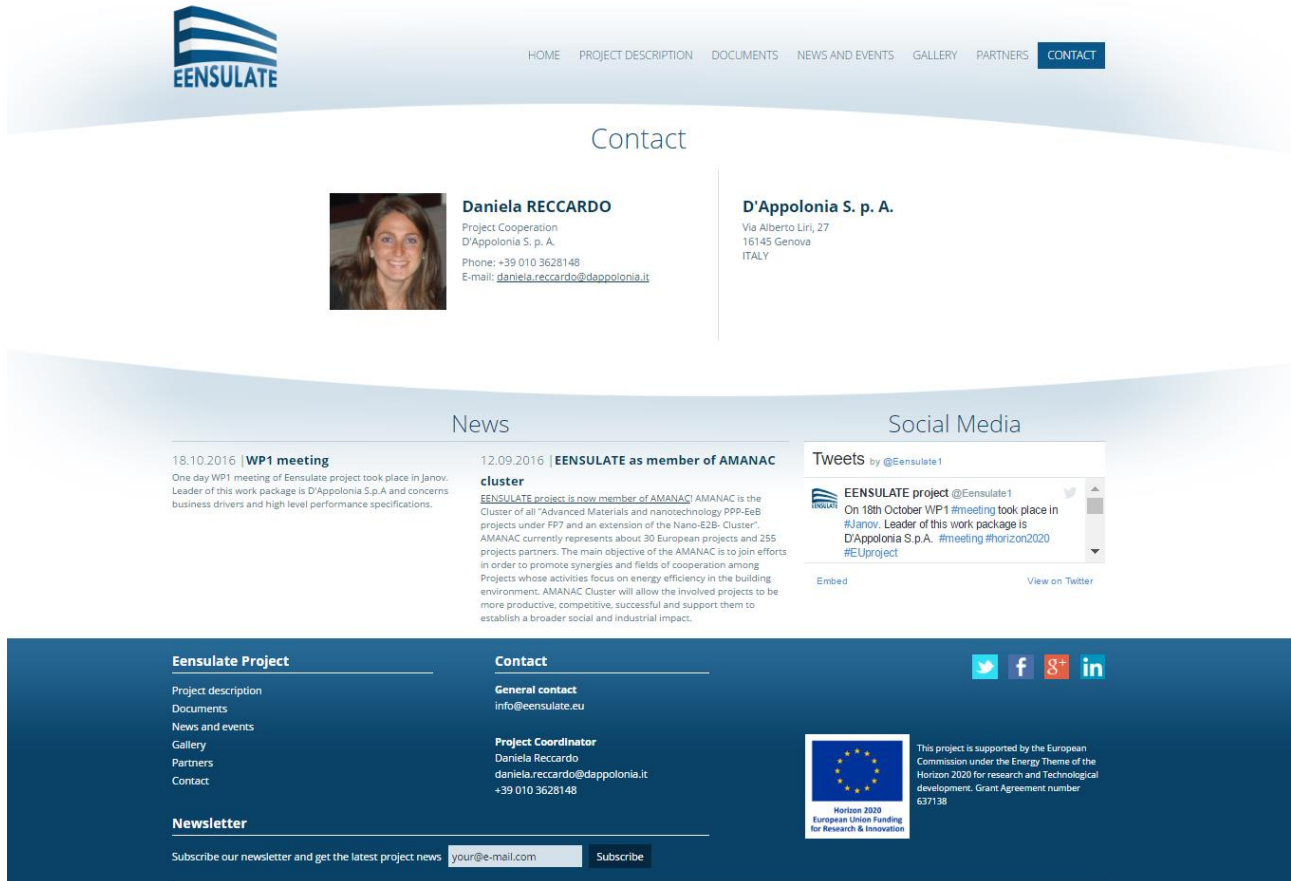
The screenshot shows the 'Partners' section of the EENSULATE website. At the top, there is a navigation bar with the EENSULATE logo and links for HOME, PROJECT DESCRIPTION, DOCUMENTS, NEWS AND EVENTS, GALLERY, PARTNERS, and CONTACT. Below the navigation bar, the word 'Partners' is centered. The main content area displays a grid of partner logos and names, each with a small link to their homepage. The partners listed are:

- D'APPOLONIA**: D'APPOLONIA S.P.A. (dappolonia.it)
- AGC**: GLASS UNLIMITED (AGC GLASS EUROPE SA) (agc-glass.eu)
- saes group**: SAES GETTERS S.P.A. (http://www.saesgetters.com/)
- SELENA**: SELENA LABS S. Z. O. O. (selena.com)
- UCL**: UNIVERSITY COLLEGE LONDON (ucl.ac.uk)
- EVONIK**: EVONIK NUTRITION & CARE GMBH (evonik.de)
- Ulster University**: UNIVERSITY OF ULSTER (ulster.ac.uk)
- tvitec**: TECNICAS DE VIDRIO TRANSFORMADO, SL (tvitec.com)
- FOCCHI**: FOCCHI S.P.A. (focchi.it)
- UNS**: UNSTUDIO (Van Berkel&Bos U.N. Studio B.V.) (unstudio.com)
- FENIK.TNT**: FENIK TNT S.R.O. (feniktnt.it)
- BGTec**: BERGAMO TECNOLOGIE SPZOO (bergamo-tecnologie.eu)
- UNIVERSITA POLITECNICA DELLE MARCHE**: univpm.it
- GMINA MIEJSKA DZIERZONIOW**: dzierzoniow.pl

Below the partners section, there are two columns: 'News' and 'Social Media'. The 'News' section contains two articles: '18.10.2016 | WP1 meeting' and '12.09.2016 | EENSULATE as member of AMANAC cluster'. The 'Social Media' section shows a tweet from @Eensulate1 dated 18th October 2016, mentioning a meeting in Janov. At the bottom of the page, there is a dark blue footer containing navigation links, contact information, a newsletter subscription form, and a logo for Horizon 2020 European Union Funding for Research & Innovation.

Figure 2.11 - EENSULATE website - Partners section

Contact: This section contains contact information of the coordinator. It is intended for any inquiries by interested parties.



The screenshot shows the contact section of the EENSULATE website. At the top, there is a navigation bar with the EENSULATE logo on the left and menu items: HOME, PROJECT DESCRIPTION, DOCUMENTS, NEWS AND EVENTS, GALLERY, PARTNERS, and CONTACT. The main heading is "Contact".

On the left, there is a profile for Daniela RECCARDO, Project Cooperation at D'Appolonia S. p. A. Her contact details are: Phone: +39 010 3628148 and E-mail: daniela.reccardo@dappolonia.it. A small portrait photo of her is shown to the left.

On the right, there is information for D'Appolonia S. p. A., located at Via Alberto Lirj, 27, 16145 Genova, ITALY.

Below the contact information, there are two columns: "News" and "Social Media".

The "News" section features two articles:

- 18.10.2016 | WP1 meeting**: One day WP1 meeting of Eensulate project took place in Janov. Leader of this work package is D'Appolonia S.p.A and concerns business drivers and high level performance specifications.
- 12.09.2016 | EENSULATE as member of AMANAC cluster**: EENSULATE project is now member of AMANAC! AMANAC is the Cluster of all "Advanced Materials and nanotechnology PPP-EeB projects under FP7 and an extension of the Nano-E2B- Cluster". AMANAC currently represents about 30 European projects and 255 projects partners. The main objective of the AMANAC is to join efforts in order to promote synergies and fields of cooperation among Projects whose activities focus on energy efficiency in the building environment. AMANAC Cluster will allow the involved projects to be more productive, competitive, successful and support them to establish a broader social and industrial impact.

The "Social Media" section displays a tweet from @Eensulate1: "EENSULATE project @Eensulate1 On 18th October WP1 #meeting took place in #Janov. Leader of this work package is D'Appolonia S.p.A. #meeting #horizon2020 #EUproject". There are "Embed" and "View on Twitter" options.

The footer contains a dark blue navigation bar with the following sections:

- Eensulate Project**: Project description, Documents, News and events, Gallery, Partners, Contact.
- Contact**: General contact (info@eensulate.eu), Project Coordinator (Daniela Reccardo, daniela.reccardo@dappolonia.it, +39 010 3628148).
- Newsletter**: Subscribe our newsletter and get the latest project news. Includes an email input field and a "Subscribe" button.
- Social Media**: Icons for Twitter, Facebook, Google+, and LinkedIn.
- EU Funding**: A logo for Horizon 2020 European Union Funding for Research & Innovation, with text: "This project is supported by the European Commission under the Energy Theme of the Horizon 2020 for research and Technological development. Grant Agreement number 637138".

Figure 2.12 - EENSULATE website - Contact section

B) Private website sections (secure area)

The second part of the website is a secure area accessed only by the project partners. In this section, the partners can login using their individual access data. Each partner is provided with a username and password in order to validate their access to the secure area.

In this section the administrator (FENIX) can manage to update section News and Events, upload public and private documents, upload pictures, photos to the Gallery and make changes of the website content.



Figure 2.13 - EENSULATE website - Private section

2.3.2 Website statistics

The website administrator has statistics regarding the number of visits as well as the visitors' worldwide distribution available. All these information are gathered and provided by the official Google tool, 'Google Analytics'. Current statistics are showing a wide interest and public awareness regarding the project (from November till now: **1540 total page views**).

2.3.3 Working with the website

How to solve issues with the website is shown in the flow chart below.

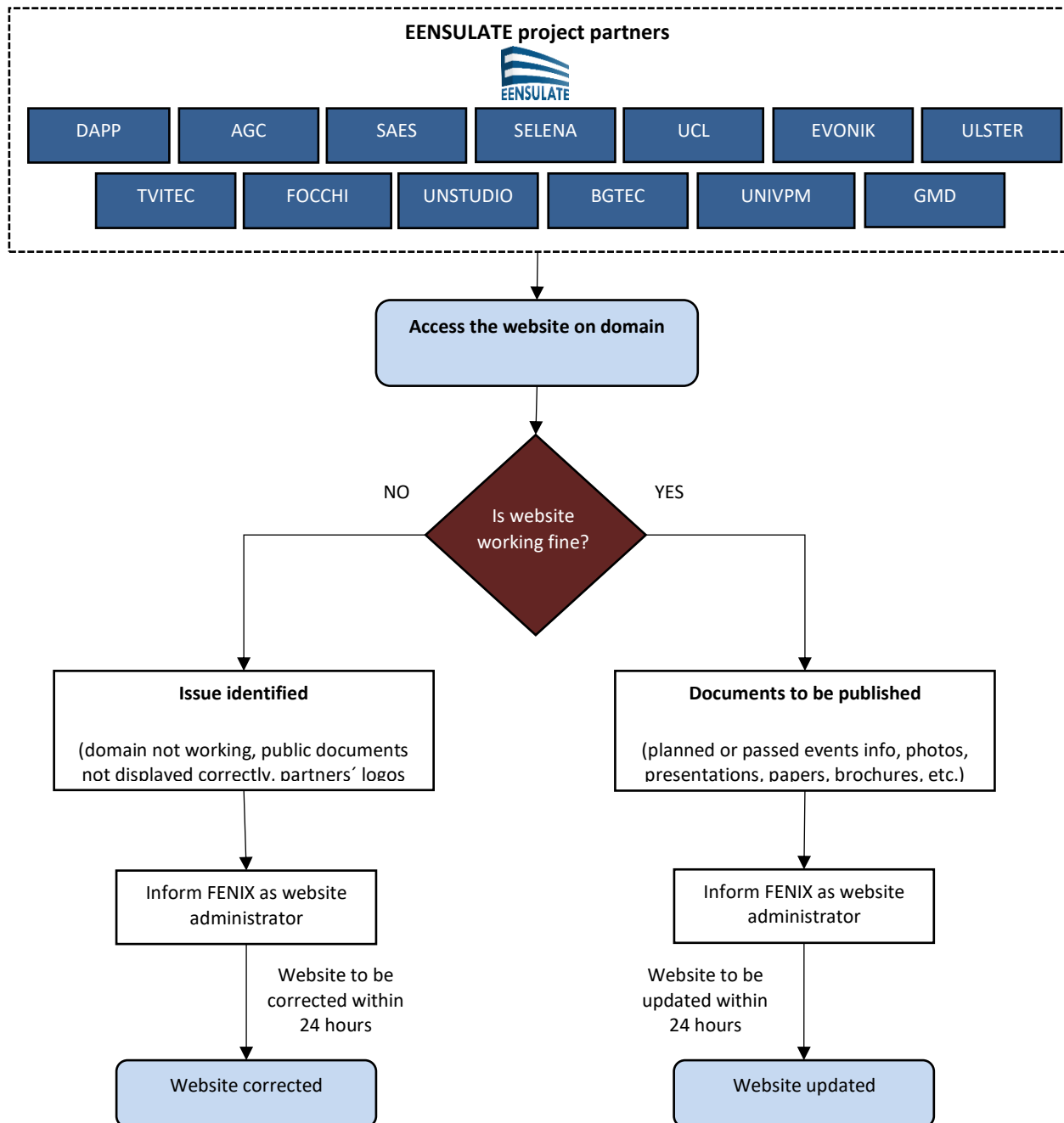


Figure 2.14 - Working with the EENSULATE website (problem solving, updating)

2.3.4 Project presentation

The project presentation in PowerPoint has been designed for the EENSULATE project at the end of the fifth month. The project presentation describes context and concept of the project, objectives, key products, and demosite. Furthermore, contact information, i.e. a website link and a QR code, of the partners and the statement of financial support to indicate that the foreground was generated with the assistance of financial support from the European Commission are given.

The project presentation is a crucial part of the dissemination of the project as it serves as a tool to inform the public about the basic characteristics of a newly developed product. The aim is to address a wide range of prospect consumers and ensure its memorability.

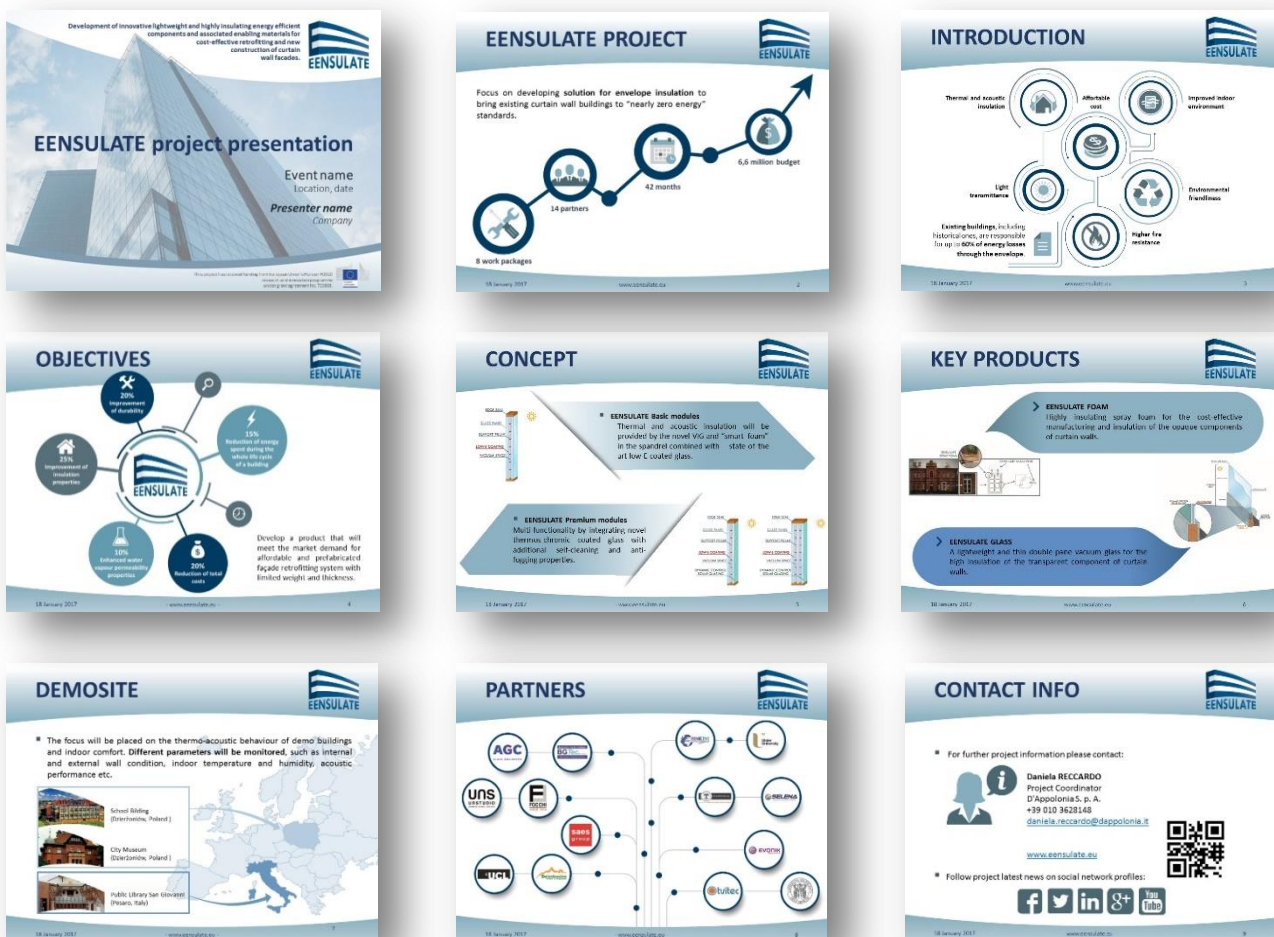


Figure 2.15 - EENSULATE project presentation

2.3.5 Project description, brochure and roll-up poster

The following pictures display the two pages project description, four page brochure, and one page roll-up poster that were prepared for the EENSULATE project in order to increase the awareness of the project.

The two pages project description in the form of a flyer has been designed for the EENSULATE project at the end of fifth month, context and concept of the project, demo information, containing a website link and QR code, logos of partners and the statement of financial support to indicate that the foreground was generated with the assistance of financial support from the European Commission.

The brochure and poster were created at the end of the third month with a more general overview about the project following the Grant Agreement. They were developed by FENIX, which is responsible for any dissemination update related to any progress of the project.

The brochure is describing context and concept of the project, main aims, objectives of the project and demo information. Furthermore, it gives a website link and QR code, contact information, logos of partners and the statement of financial support to indicate that the foreground was generated with the assistance of financial support from the European Commission. The roll-up poster contains context and concept of the project, project main products, advantages of the project, demo information, website link, QR code, logos of partners and statement of financial support as well.

The brochure and the roll-up poster should built a basis for a later exploitation strategy by drawing the interest of the target groups. Future results and outcomes from the work packages will be included in a future version of the brochure and poster, since it is under constant revision.



Figure 2.16 - EENSULATE project description



INTRODUCTION

Curtain walls, associated with modern architecture and large office building stock, are often criticised for their limited insulation properties. Existing buildings, including historical ones, are responsible for up to 80% of energy losses through the envelope. Furthermore, European legislators decided that all new buildings should fulfil nearly zero-energy standards by the end of 2020. For this reason, EENSULATE is being developed to significantly reduce energy losses of both new and existing buildings.

OBJECTIVES

The goal of the project is to develop a product that will meet the market demand for affordable and prefabricated facade retrofitting system with limited weight and thickness. EENSULATE is expected to minimise thermal bridges between curtain walls and sub-structures, have cost-effective control of solar radiation and provide easy implementation on site by reducing the weight of the curtain wall.

The new solutions will bring significant changes in terms of:

- 25% improvement of insulation properties
- 20% improvement of durability
- 20% reduction of total costs
- 15% reduction of energy spent during the whole life cycle of a building
- 10% enhanced water vapour permeability
- Easier implementation

EENSULATE solution will integrate multiple functions in a single product:

Improved indoor environment

Thermal and acoustic insulation

Affordable cost

Environmental friendliness

Light transmittance

Higher fire resistance

CONCEPT

EENSULATE product family in two different levels of performance:

EENSULATE Basic modules
Thermal and acoustic insulation will be provided by the novel VIG and "Smart foam" in the spandrel combined with state of the art low-E coated glass.

EENSULATE Premium modules
Multi functionality by integrating novel thermo-chromic coated glass with additional self-cleaning and anti-fogging properties.

1) EENSULATE FOAM

Highly insulating micro-encapsulated and aeromicroemulsified foamy spray foam for the cost-effective, automated manufacturing and insulation of the opaque components of curtain walls as well as for the significant reduction of thermal bridges during installation.

2) EENSULATE GLASS

Lightweight and thin double pane vacuum glass for the insulation of the transparent components of curtain walls, manufactured through an innovative low temperature process using polymers: Double adhesives, that allowing to use both annealed and tempered glass (including laminated safety glass) as well as low emissivity coatings (1% emissivity). A multifunctional thermo-reflective coating will allow anti-fogging and self-cleaning properties.

Two key commercial insulating products:

Figure 2.18 - EENSULATE brochure

Development of innovative lightweight and highly insulating energy efficient components and associated enabling materials for cost-effective retrofitting and new construction of curtain wall façades.

www.eensulate.eu

TWO commercial products working together to excel in TWO different levels of performance (Basic and Premium)

EENSULATE FOAM

A highly insulating spray foam for the cost-effective manufacturing and insulation of the opaque components of curtain walls as well as for the significant reduction of thermal bridges during installation.

- 35% weight reduction
- 25% improvement of insulation properties
- 20% improvement of durability
- 20% reduction of total costs

EENSULATE GLASS

A lightweight and thin double pane vacuum glass for the high insulation of the transparent component of curtain walls. A breakthrough multifunctional thermo-setting coating will allow dynamic solar gain control as well as anti-fogging and self-cleaning properties.

- 15% reduction of energy spent during the whole life cycle of a building
- 10% enhanced water vapour permeability
- Easier implementation

Public Library San Giovanni (Pescara, Italy)

School Building (Dzierzoniow, Poland)

City Museum (Dzierzoniow, Poland)

EUROPEAN UNION
This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 723856.
10101-EN-2019-2001-1010204-4-EN-2019

Figure 2.17 - EENSULATE roll up poster

2.3.6 Social network profiles

In order to raise a public awareness about the EENSULATE project, social network profiles were created – LinkedIn, Google+, Twitter and Facebook – and their links were added to the EENSULATE website. FENIX, as the administrator of the profiles, will manage the updates and posts.

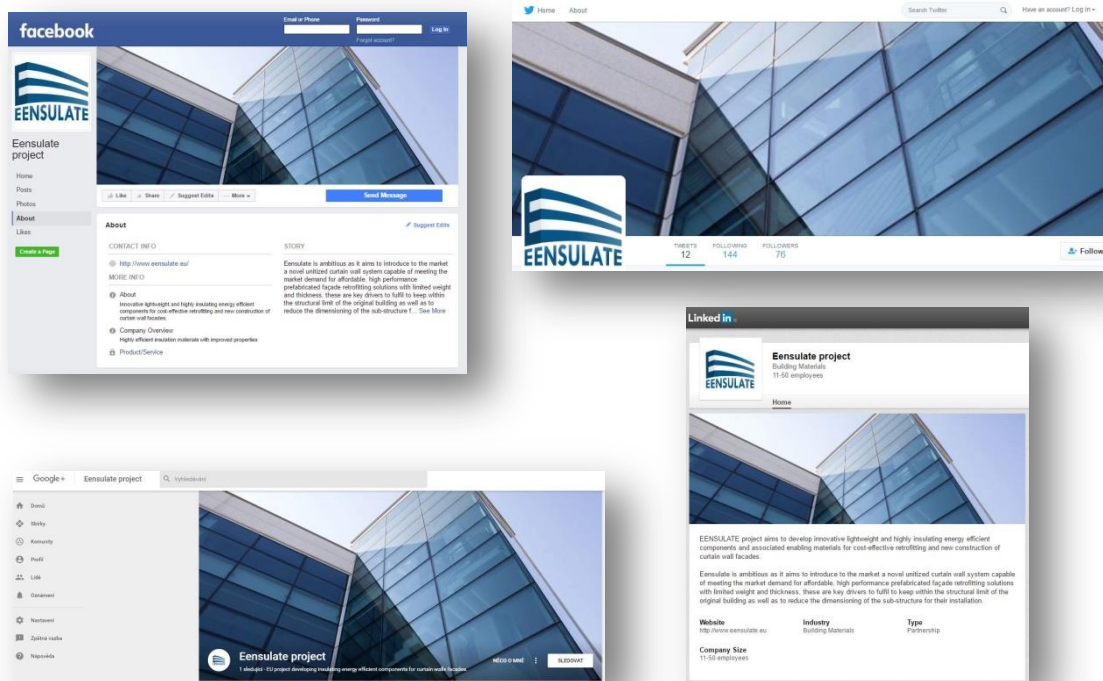


Figure 2.19 - EENSULATE Social network profiles

2.3.7 Scientific publications, dissemination events and other dissemination activities

Unless it goes against their legitimate interests, each beneficiary must - as soon as possible - ‘disseminate’ its results by disclosing them to the public by appropriate means (other than those resulting from protecting or exploiting the results), including in scientific publications (in any medium).

A beneficiary that intends to disseminate its results must give advance notice to the other beneficiaries of - unless agreed otherwise - at least 45 days, together with sufficient information on the results it will disseminate.

Any other beneficiary may object within - unless agreed otherwise - 30 days of receiving notification, if it can show that its legitimate interests in relation to the results or background would be significantly harmed. In such cases, the dissemination may not take place unless appropriate steps are taken to safeguard these legitimate interests.

Any dissemination of results (in any form, including electronic) must display the EU emblem and include the following text: *“This project has received funding from the European Union’s Horizon 2020 research and innovation programme under grant agreement No 723868”*.

When displayed together with another logo, the EU emblem must have appropriate prominence.

Scientific publications

Each beneficiary must ensure open access (free of charge online access for any user) to all peer reviewed scientific publications relating to its results.

In particular, it must:

- 1) as soon as possible and at the latest on publication, deposit a machine-readable electronic copy of the published version or final peer-reviewed manuscript accepted for publication in a repository for scientific publications; moreover, the beneficiary must aim to deposit at the same time the research data needed to validate the results presented in the deposited scientific publications.
- 2) ensure open access to the deposited publication — via the repository — at the latest:
 - a. on publication, if an electronic version is available for free via the publisher, or
 - b. within six months of publication (twelve months for publications in the social sciences and humanities) in any other case.
- 3) ensure open access — via the repository — to the bibliographic metadata that identifies the deposited publication.

The bibliographic metadata must be in a standard format and must include all of the following:

- the terms “European Union (EU)” and “Horizon 2020”;
- the name of the action, acronym and grant number;
- the publication date, and length of embargo period if applicable, and
- a persistent identifier.

Dissemination events

- ✓ AMANAC WORKSHOP - “BRIDGING THE GAP BETWEEN RESEARCH AND MARKET UPTAKE: Innovative Energy Efficiency Building Solutions” (November 2016, Milan (IT), FENIX/DAPP)
- ✓ BRIMEE conference (January 2017, Brno (CR), FENIX)
- ✓ BAU17 – fair (January 2017, Munich (Germany), FENIX/DAPP)

Dissemination activities

- ✓ Article in Evonik intranet (EVONIK)
- ✓ Website presentation - News on the website and social media (GMD)
- ✓ Information about EENSULATE project on the Ulster university website (ULSTER)

2.4 Planned dissemination activities

2.4.1 Newsletter

First newsletter will be designed by FENIX in M12. It is planned that new versions of the newsletter will be sent to mailing database every 6 months according to the project progress. FENIX will use its comprehensive database of contacts and also partners’ contacts to spread the newsletter. Newsletter will be placed on social network profiles as well as on the EENSULATE website, where a user can subscribe for it under the section “Subscribe for newsletter”.

2.4.2 Database of dissemination events

Database of European conferences/congresses/fairs/workshops regarding the construction and building sector will be created by FENIX in M9 for the dissemination purpose of H2020 projects. The list will be updated every 3 months and shared with the consortium for deciding at which events the EENSULATE project should be presented.

The database will be divided into two sections: Conferences/congresses and Fairs in Europe. Next separation will be done based on sectors in the construction industry.

2.4.3 Video preparation

Production and publication of a graphical promo video and project video (at the end of the project) designed by FENIX was agreed as the key method for effective product dissemination. The assigned role was justified with the persisting FENIX's experience in the field of marketing and advertising, with special focus on campaign planning. A preliminary storyboard and a list of questions for the key partners, will be prepared to introduce the EENSULATE project to a scientific audience. A list of questions will be prepared in order to conduct an interview with key partners, which were further used in the project video.

The goal of both videos is to introduce the EENSULATE project to a scientific audience. The video presentation is meant to follow the successive introduction to the strategies regarding the "www campaigns": social media promotions, online workshops and web advertising in general.

2.4.4 Scientific publications, dissemination events and other dissemination activities

In the field dissemination activities it is planned:

- to present the project and its outcomes at least at 3 events with talks/posters.
- to participate in at least 3 major trade fairs focused on energy efficiency and buildings as an important measure to reach industrial stakeholders.
- to perform publications in at least 3 peer-reviewed international journals to make the obtained results available to the scientific community.

Scientific publications

- ✓ Scientific paper in journal: Solar Energy; Solar reflectance durability test of thermotunable glass coatings, UNIVPM
- ✓ Scientific paper in journal: Building and Environment; Energy performance and indoor comfort evaluation of Eensulate curtain-wall mock-up, UNIVPM

Dissemination events

- ✓ IBF – International Building Fair (April 2017, Brno (CR), FENIX)
- ✓ International conference on advances on sustainable cities and buildings development (November 2017, Porto (Portugal), UNIVPM)
- ✓ QIRT 2018 (June 2018, Berlin (GER), UNIVPM)
- ✓ Presentation during the meeting with entrepreneurs (January 2017, Dzierżonów (PL), GMD)

Partners will develop a number of future dissemination activities such as interactive tools and training workshops leading to the public awareness. **Training workshops** will be organized for engineers, students, end-users, journalists etc. Academic partners will provide support in the **preparation of scientific papers** and technical articles that will inform the RTD community about the project results

Newsletters and **press releases** for media will be provided and announcements of project results will take place during conferences, events (some press release already performed).

The research partners will write articles in the scientific journals. The authors list will include technically involved SMEs. Target groups are the scientific communities and special interest groups.

Final dissemination conference with wide participation from European industry, research community, policy makers and media will be organized at the end of the project, possibly in conjunction with the final General Assembly of the project in order to present the project results and to introduce the product design, manufacturing process operation and control to the industry.

2.5 Key Performance Indicator (KPI)

A key performance indicator (KPI) is a metric for evaluating factors that are crucial to the success of an project. The purpose of using KPIs is to focus attention on the tasks and processes and make progress towards declared goals and targets.

The indicators will be quantified two times per year and used to analyze the progress and the success or failure of the dissemination and communication activities to, furthermore monitor where we can rework and/or refine activities to ensure success in the future.

These KPIs will be used to evaluate the progress and in the end the success of dissemination and communication activities during the whole project lifecycle:

Table 2.1 – Key Performance Indicators

Channel	Description	Content	KPI (end of Project)
Visual identity	Design of logo, dedicated manual and templates for reports identifying visual identity of EENSULATE project.	Logo/templates design	N/A
Project website	Public area providing all relevant project information for the public (project objectives, partnership and public deliverables, news and events, promo material, social network profiles links, newsletter subscription), private part used as a collaborative working space for the Project.	General project Information.	20 000 views
Promo material	Project brochure, roll-up poster, project presentation, updated based on the Project development.	General project information.	500 downloads 3 000 printing
Social media campaign	LinkedIn, Facebook, Twitter, Google+	General project information.	200 followers
Promo video	When the system is developed interview with key partners will take place to create dissemination video.	General project information.	200 views
e-Newsletter	An e-mail newsletter will be created and distributed at six-month intervals to identified stakeholders and subscribers.	General project information.	300 subscribers + downloads
Publication	Consortium partners will publish (according to the IPR protection strategy) the results in the	Publishable project results.	4 scientific papers submitted

	<p>scientific literature, dedicated journals and magazines.</p> <p>Open Access to peer-reviewed scientific publications will be provided.</p>		4 articles in magazines
Events organization	Workshops with other European Technology Platforms and Associations meetings will be held. At the end of the project, the final conference will be organized.	General project information, publishable project results.	<p>1 policy workshop</p> <p>1 final conference</p> <p>At least 70 participants</p>
Events participation	Project presentation in a number of national and international conferences, fairs, seminars, workshops, etc.	General project information, publishable project results.	<p>5 conferences</p> <p>5 fairs</p> <p>2 workshops</p>
Clustering activities	Clustering activities with other European related projects and the related European and National Technology Platforms, associations (ECTP, AMANAC, ECCREDI, FIEC etc.).	General project information, publishable project results.	2 cluster events
Thematic portals	Liaison and promotion of the Project on relevant thematic portals (BuildUp) and other relevant news and community portals.	General project information, publishable project results.	2 portals

3 Conclusions

This deliverable “Communication and Dissemination Plan” can be regarded as preliminary since this document was created in M6 and represents the project overview and dissemination activities performed by the consortium only till that date. This document will be constantly updated based on the project development.



Appendix 1: Dissemination and Communication activities tracker

This document includes:

- ❖ **Template A1:** List of scientific (peer reviewed) publications related to the foreground of the project.
- ❖ **Template A2:** List of dissemination events (conferences, workshops, exhibition fairs, congresses, etc.)
- ❖ **Template A3:** List of other dissemination activities (web sites/applications, press releases, flyers, articles published in the popular press, videos, media briefings, presentations, thesis, interviews, films, TV clips, posters, etc.)

VERSION: 1
DATE FIRST RELEASE: M6
NEXT RELEASE DUE DATE: M12
FINAL RELEASE DUE DATE: M42
CONTRIBUTIONS: FENIX, DAPP, AGC, SAES, SELENA, UCL, EVONIK, ULSTER, TVITEC, FOCCHI, UNSTUDIO, BGTEC, UNIVPM, GMD

Project Title:

Development of innovative lightweight and highly insulating energy efficient components and associated enabling materials for cost-effective retrofitting and new construction of curtain wall facades.

Project Acronym: EENSULATE

Project Number: 723868

Project Start Date: 01.08.2016

Duration: 42 months



Table A1: List of scientific publications

Publication title (website if applicable)	Publication type (paper in conference, article in journal, books/monographs, chapters in books, thesis, etc.)	DOI Digital Object Identifier	ISSN or eSSN number	Authors names	Periodical name/ Publisher or equivalent	Number, Date of journal	Place of publication	Relevant pages	Public & private participation YES/NO	Peer/review YES/NO	Open access YES (green, gold)/NO	EENS Partner	Status (Done/Planned)

Table A2a: List of dissemination events

Type of event (conference, fair, seminar, workshop, exhibition, etc.)	Event title	Objective	Date	Place	EENSULATE Partner contribution (project presentation, poster, brochure, stand, etc.)	Countries addressed (national/international)	EENSULATE Responsible Partner	Status (Performed/Planned)

Table A2b: Description of events already performed

Event title	Location	Type of event
Website	Date	Responsible partner
Event description (main focus, organizers, topics addressed, periodicity, etc.)		
Partner contribution (Presentation name and purpose, topics addressed, main content, etc.)		
Type of audience (scientific community, industry, civil society, policy makers, authorities, media, etc.)		
Statistics (number of attendants, countries, etc.)		
Feedback (summary, reactions, interests, conclusions)		
Materials (presentation, brochure, poster, video, etc.)		
Attachments (agenda, photos, pictures, etc.)		

