European Cooperation in Science and Technology (COST) is a funding organization for the creation of research networks, called COST Actions.

EsSENce Cost Action CA19118

Project Title:

"High-performance Carbon-based composites with Smart properties for Advanced Sensing Applications"

Deliverable No	D 9.1
Deliverable Title	Action web-site creation with content for public access and yearly periodic update
Working Group	9
Originator	STRATAGEM

cost EUROPEAN COOPERATION IN SCIENCE & TECHNOLOGY

Funded by the Horizon 2020 Framework Programme of the European Union

DISCLAIMER

This document contains the description of the COST Action EsSENce CA19118 project findings, work and products. Certain parts of it might be under partner Intellectual Property Right (IPR) rules. Therefore, prior to using its content please contact the consortium coordinator for approval. E-mail: charitidis@chemeng.ntua.gr .

Should you feel that this document harms in any way the IPR held by you as a person or as a representative of an entity, please do notify us immediately.

The authors of this document have taken all available measures in order for its content to be accurate, consistent and lawful. However, neither the project consortium as a whole nor the individual partners that implicitly or explicitly participated in the creation and publication of this document hold any sort of responsibility that might occur as a result of using its content.

This document has been produced with the assistance of the European Union. The content of this document is the sole responsibility of the EsSENce consortium and can in no way be taken to reflect the views of the European Union.

Table of Contents

1 Project Summary 4
2 Description of Work 4
3 EsSENce website 5
3.1 Introduction 5
3.2 Home 6
3.3 About 8
3.3.1 Core Group 9
3.4 News 10
3.5 Working Groups 10
3.6 STSM 11
3.6.1 About STSM 12
3.6.2 Submit an STSM Application 13
3.6.3 After the STSM 14
3.6.4 STSM Host Labs 15
3.6.5 STSM Board 16
3.7 ITC Grants 17
3.8 Members 18
3.8.1 Management Committee 19
3.9 Contact 20
4 Conclusion 20
5 Acknowledgment 21

Table of Figures

Figure 1. EsSENce website header 6
Figure 2. EsSENce website footer 6
Figure 3. “Home” page 7
Figure 4. Join the Action button of “Home” Page 8
Figure 5. “About” Page 8
Figure 6. “Core Group” Page 9
Figure 7. “News” Page 10
Figure 8. “Working Group” Page 10
Figure 9. “STSM” Page 11
Figure 10. “About STSM” Page 12

Figure 11. “Submit an STSM application” Page 13
Figure 12. “After the STSM” Page 14
Figure 13. “STSM Host Labs” Page 15
Figure 14. “STSM Board” Page 16
Figure 15. “ITC Conference Grants” Page 17
Figure 16. “Members” Page 18
Figure 17. “Management Committee” Page 19
Figure 18. “Contact” Page 20

1 Project Summary

The goal of EsSENce is to develop a scientific & technological innovation hub at European and International level, focusing on advanced composite materials reinforced with carbon-based nanomaterials for sensing applications.

The main focus of the scientific community is to combine advances in manufacturing technologies with the development of innovative nano-enabled composite materials for the fabrication of lightweight smart devices with structural performance and improved and/or added new functionalities including sensing and detection.

The advent of sensors in many different applications, like environmental monitoring, monitoring constituents in food products, security, gas sensing as well as diagnostics and human health monitoring, has led to the ever-growing modification of existing processing and manufacturing routes by incorporating advanced carbon-based reinforced composites offering multi-functionality. Among the applications of Carbon based (nano)materials composites, lightweight and smart sensors which will provide highly accurate and real-time monitoring functions in different equipment and devices without the cost of structural integration, is the area that is particularly focused on EsSENce.

2 Description of Work

The purpose of this document is to present the EsSENce website (http://www.essence-cost.eu/) and its detailed structure. The aim of the website is to increase the visibility of the EsSENce project to the public and provide them with a reference for receiving updates during the project activity period. The website is also developed to decrease the amount of paper used during the dissemination process. It provides information on the reasons for undertaking the project, its objectives, background on the technology the project intends to utilize and expected outcomes. Additionally, the EsSENce website gives information about partners involved and contact details for anyone interested in more information. It will be continually updated with News & Events.

The public part of the website provides general information on the project objectives and actions to be performed as well as details of the project Management Committee and contact details of the project's Action Chair & Grant Holder Scientific Representative. There will be a continuous update of the project website during the runtime of the project. The web address will be widely advertised and it is intended to be of interest to potential end-users.

This report describes the website created for external and internal communication about and for the project. This deliverable relates to EsSENce Working Group (WG) 9 "Exploitation and Dissemination".

3 EsSENce website

3.1 Introduction

The aim of the website is to increase the visibility of the EsSENce project to the public and provide them with a reference for receiving updates during the project activity period. The website is also developed to decrease the amount of paper used during the dissemination process. By just referring to a link and thanks to the wide use of internet, the public will easily understand and learn additional information related to the project which may not be described solely in a leaflet or a brochure. It provides information on the reasons for undertaking the project, its objectives, the working group description, The Short-term Scientific Missions (STSM) and Inclusiveness Target Countries (ITC) Grants. Additionally, it provides details & information about Core Group and Management Committee Members, Substitutes and Observers, contact form for anyone interested in more information or to join the Action and relevant News & Events, a section that will be constantly updated.

The design of the website is developed upon the following criteria and takes into account suggestions given in the EU Project Websites – Best Practice Guidelines (EC, 2010) which offer better quality and user-friendliness to the project website, triggering higher popularity and provide better visibility for the project and the European Commission. Best practices include:

a. **Visual communication**: use of photos and colours, web pages are easy to browse, information is kept short and links are included to websites and publications,

b. **Verbal communication**: the website uses simple phrasing, no jargon is used in order to attract the widest possible audience, e-devices are user friendly.

c. **Visibility**: maximum use of free or affordable methods to increase page ranking on search engines, Webmaster Tools provided by search engines to check indexing status, good cross linking between the different pages of the site and other sites, keywords to the web page metadata; use frequently used keyword search phrases both in the metadata and in the contents pages.

d. **Regular update of contents**: the update of the current version of the webpage will be regularly performed by STRATAGEM upon inputs of all the partners of the consortium. Moreover, there are connection with the social networks in which the EsSENce project will have presence (LinkedIn, Facebook and Twitter) with the addition of the relevant add-on button on the website.

The public part of the website provides general information on the project objectives and the work to be performed as well as details of the project partners. There will be a continuous update

of the project website during the runtime of the project. The web address will be widely advertised and it is intended to be of interest to potential end-users.

The EsSENce website is accessible at: http://www.essence-cost.eu/ .

The header on all sections of the website includes the EsSENce logo along with the navigation tabs to all the other website pages (Home, About, News, Working Groups, STSM, ITC Grants, Members, Contact) and the Private Room option as shown in Figure 1. The Private Room works as a repository place where the actions members can store important documents.

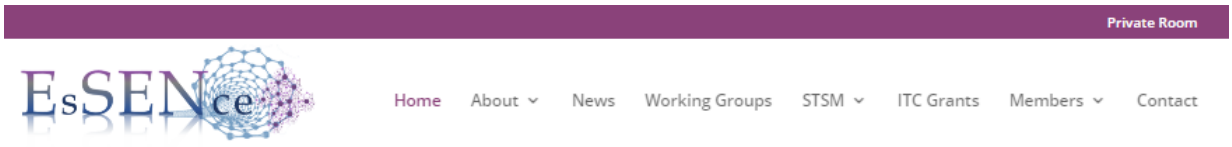

Figure 1. EsSENce website header

The footer has the reference to the COST funding by the European Union, link of the COST Action website, link of the participation rules, link of the EsSENce Action in the COST website, the Grant Holder's website, and the Memorandum of Understanding. Additionally, the links to the social media pages of the EsSENce Action and the Privacy Policy are presented on the footer.

Figure 2. EsSENce website footer

3.2 Home

The home page presents all the aspects of the project EsSENce at a glance including the Aim of the project, The Areas of Expertise, the latest posts from the News, and the "Join Now" button.

Figure 3. "Home" page

As previously mentioned, The Home page includes the "Join now" button where the website visitors which are either interested to receive more information or becoming members of our Action, can email the Action Chair and the GH Manager by filling in the form presented below.

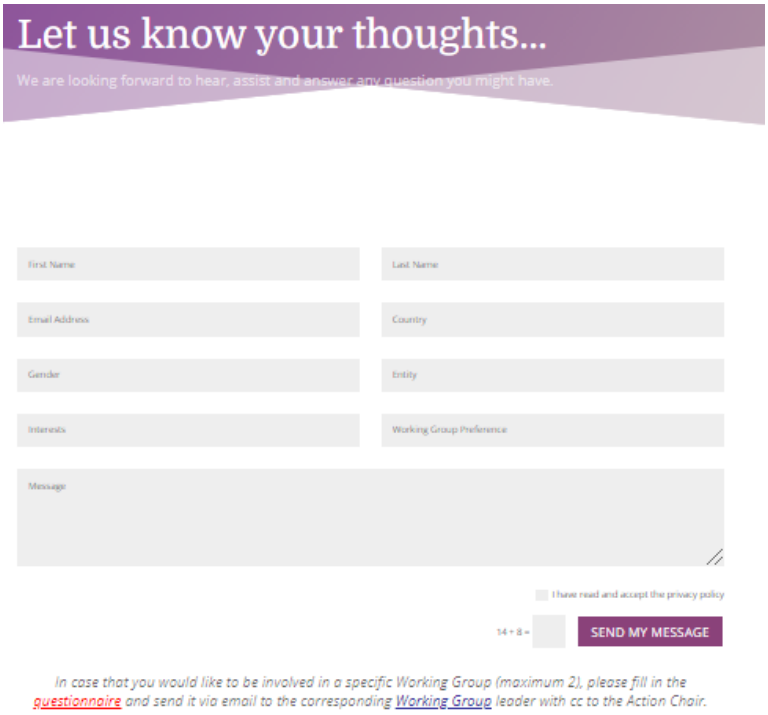

Figure 4. Join the Action button of "Home" Page

3.3 About

The second tab of the EsSENce website includes an overview of the project (Figures 5).

Figure 5. "About" Page

3.3.1 Core Group

By the drop-down list, the visitor can find the Core Group tab where all the members of the Core Group are presented. Each Core member is accompanied with a personal picture, their speciality in the project, organization name and email address.

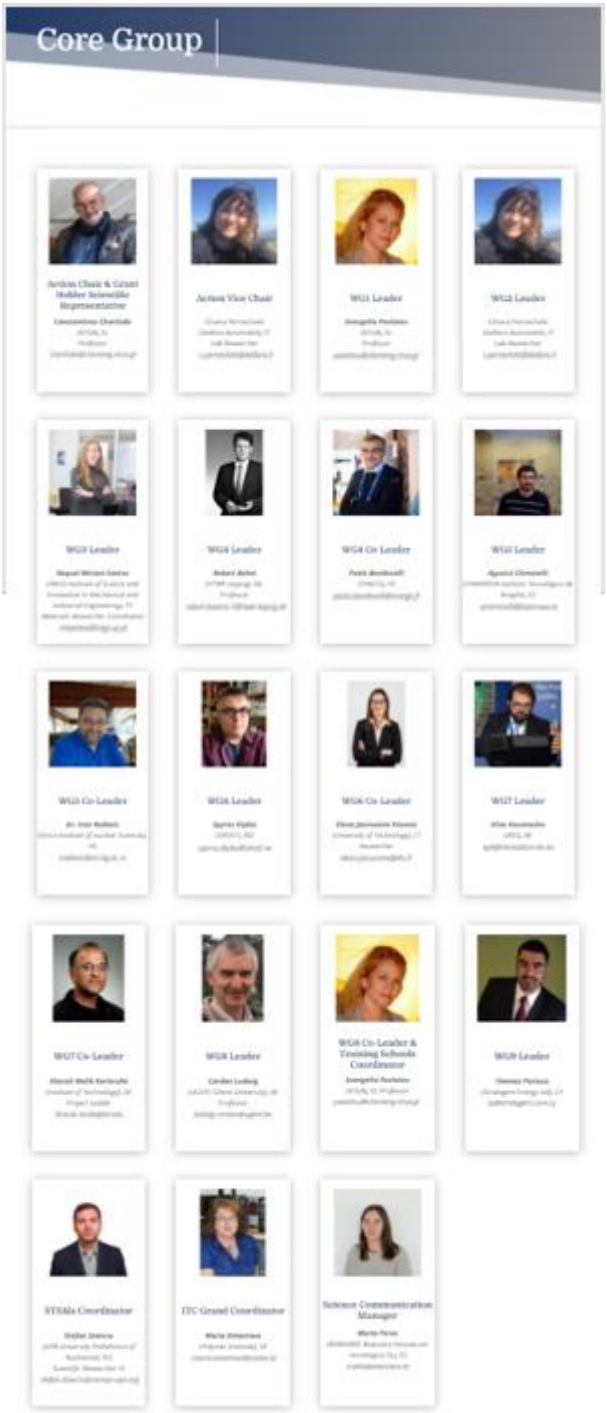

Figure 6. "Core Group" Page

3.4 News

The News page includes all the inforamtion about the important news and events of the Porject, as well as announcements of STSM and ITC Grants.

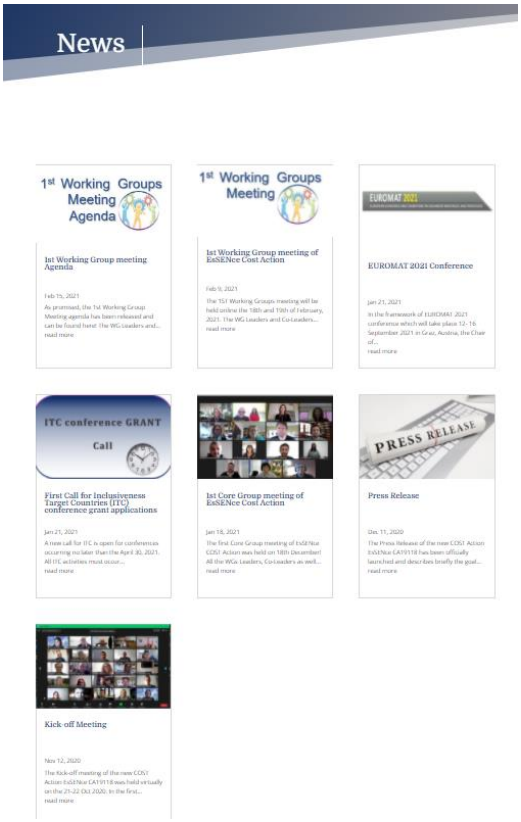

Figure 7. "News" Page

3.5 Working Groups

The Working Group tab contains a brief description of each Working Group and information on the Working Group leaders and Co-leaders. The visitor can navigate through the WG of their preference from the navigation tab. The below screenshot depicts the WG 5 description.

Figure 8. "Working Group" Page

3.6 STSM

The STSM page includes information on the exchange visits between researchers involved in a COST Action as well as the application method. Through a drop down list the visitor can navigate through the subtabs depicted on the figure below.

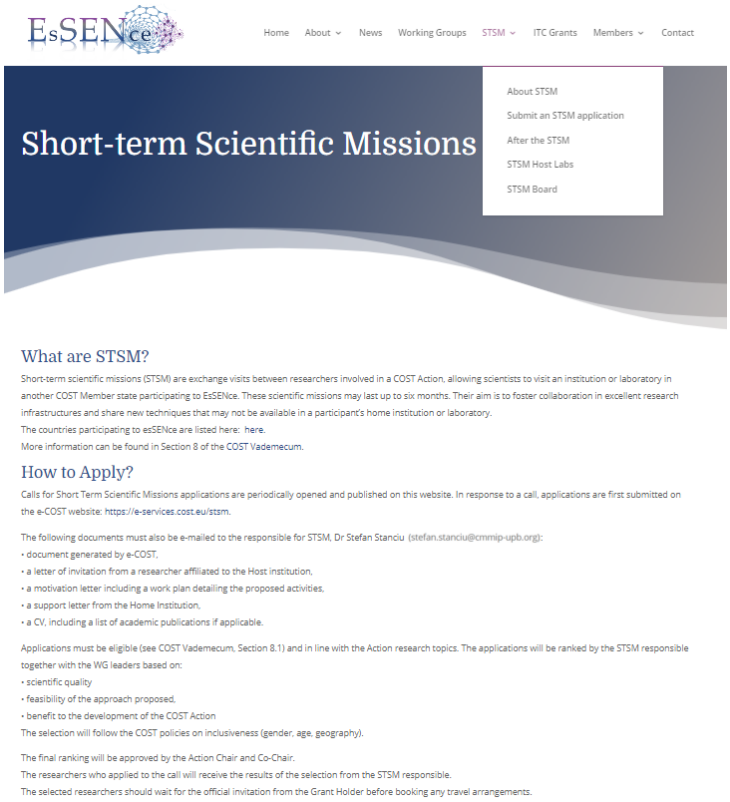

Figure 9. "STSM" Page

3.6.1 About STSM

The About STSM Program tab includes more information on the program, the eligible STSM scenarios, the list of participants countries, the application procedure and the contact email dedicated to STSM program.

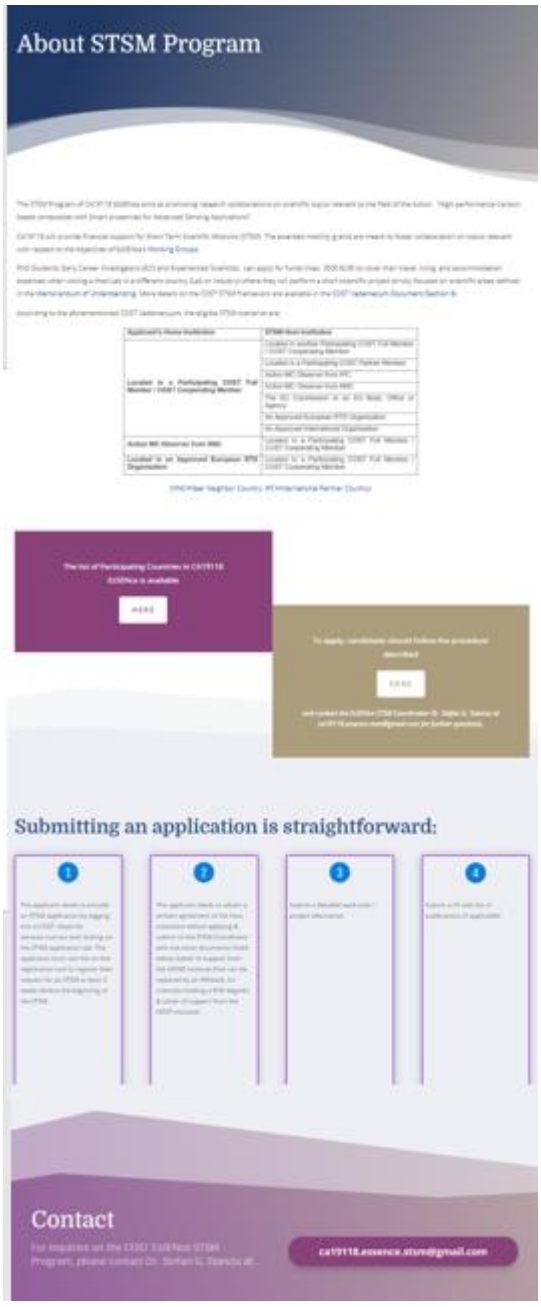

Figure 10. "About STSM" Page

3.6.2 Submit an STSM Application

This subtask contains a description of the STSM application procedure in four steps, the selection criteria, the score for all applicants, and the criteria considered for final decision after evaluation.

Figure 11. "Submit an STSM application" Page

3.6.3 After the STSM

After the application will be successfully accepted, the applicants must submit a scientific report to the Host Institution and to the STSM Coordinator according to the requirements detailed on this tab.

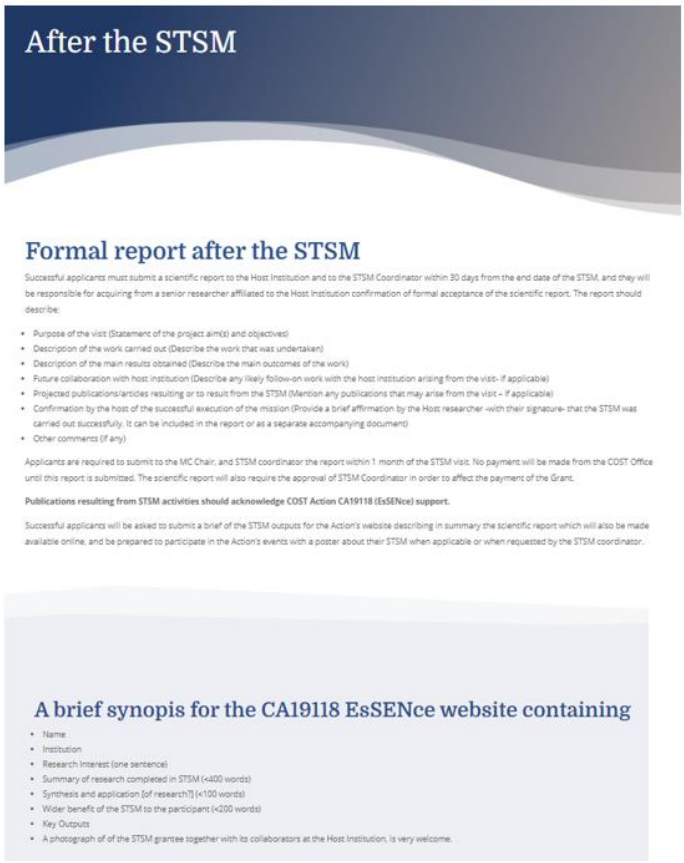

Figure 12. "After the STSM" Page

3.6.4 STSM Host Labs

The STSM applicants are at liberty to propose any eligible Host Lab that fits best to their planned research and are also encouraged to consider implementing relevant research at the premises of the research groups that have expressed their interest to host CA19118 Short-Term Scientific Missions from the list presented on this tab.

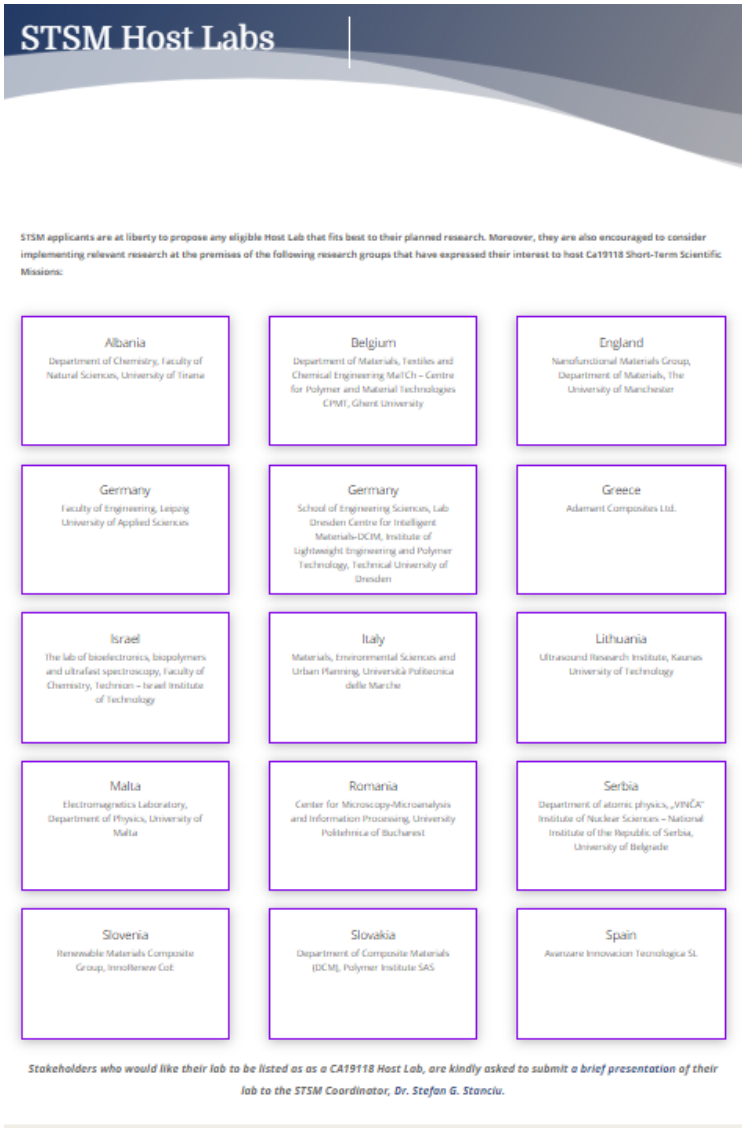

Figure 13. "STSM Host Labs" Page

3.6.5 STSM Board

This tab presents the STSM Board who oversees the implementation of the STSM Program.

Figure 14. "STSM Board" Page

3.7 ITC Grants

In the ITC Grants page, details on the program, the application procedure, and a section with all the ITC published Grants are presented.

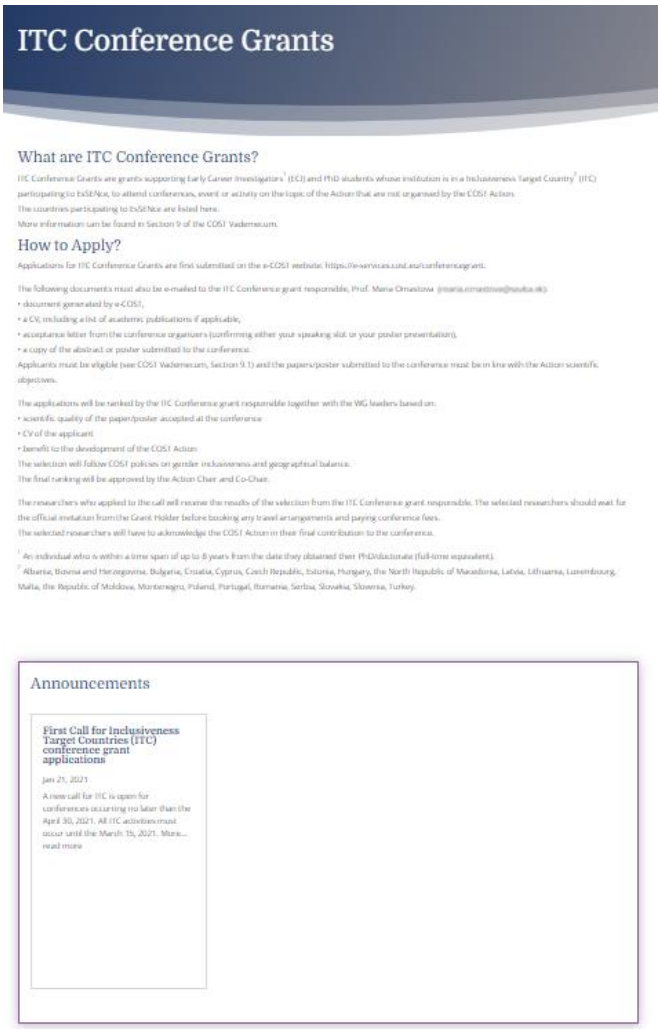

Figure 15. "ITC Conference Grants" Page

3.8 Members

The Members page includes two interactive maps with all the countries that participates in the Action colored in blue and the corresponding tables.

Figure 16. "Members" Page

3.8.1 Management Committee

The Management Committee members, substitutes and observers are presented on this tab.

Figure 17. "Management Committee" Page

3.9 Contact

The Contact page includes a contact form for the visitors to fill in, in case that would like to learn more about the action. The Action Chair, the Action Vice Chair and the GH Manager/Administrator will receive the inquires. The emails and phone numbers of each, are also presented on this tab.

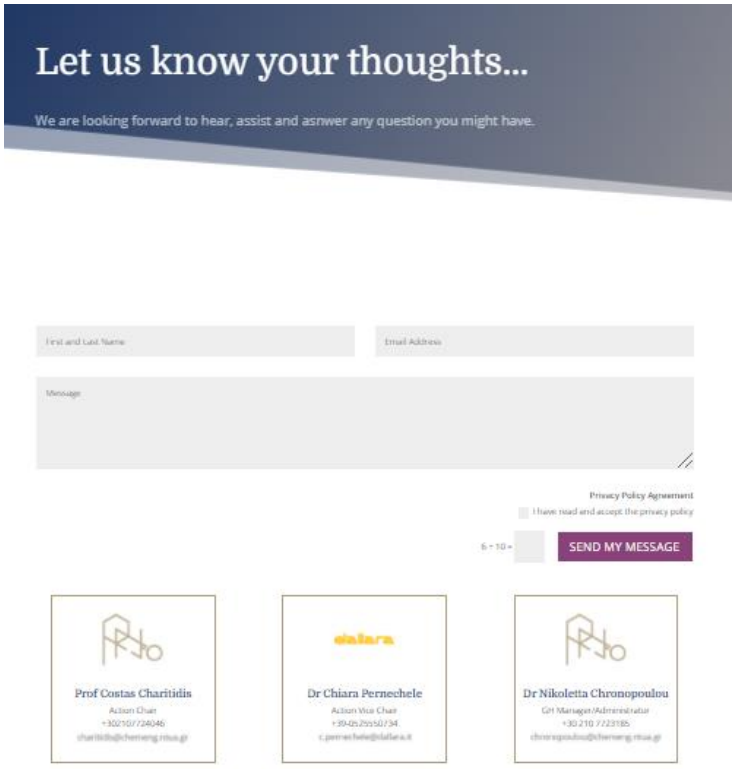

Figure 18. "Contact" Page

4 Conclusion

The document presented the Website of the EsSENce project. The website will be updated constantly with news, documents STSM and ITC grants, adding in the dissemination of the EsSENce project and the exploitation of its outcomes.

5 Acknowledgment

Funded by the Horizon 2020 Framework Programme of the European Union

The European Cooperation in Science and Technology (COST) is a funding organization for the creation of research networks, called COST Actions. These networks offer an open space for collaboration among scientists across and beyond Europe and thereby give impetus to research advancements and innovation. Every year, more than 45 000 researchers are involved in COST networking activities, regardless of their career stage, country of origin or areas of interest.

https://www.cost.eu/

https://www.cost.eu/cost-actions/how-to-participate/

The EsSENce COST Action aim to develop a scientific & technological innovation hub at European and International level, focusing on advanced composite materials reinforced with carbon-based nanomaterials for sensing applications. Main focus is to combine manufacturing technologies with innovative nano-enabled composite materials for fabrication of smart devices with new functionalities.

https://www.cost.eu/actions/CA19118/