SUSTAIN

cluSter bUilding SmarT reAdiness INdicators

(Grant Agreement No 101074311)

D4.2 Digital Collaboration Platform v.1

Date: September 2023

Version 1.0

Published by the SUSTAIN Consortium

Dissemination Level: Public

Co-funded by the European Union

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Document Control Page

Document Details

Document Version:	1.0
Document Owner:	IsZEB
Contributors:	All partners
Work Package:	WP 4 – Development of value chains interlinkages in the EU Single Market for improving resilience
Task:	T4.2 - Development of a Digital Collaboration Platform
Deliverable Type:	Other
Document Status:	Final Version
Dissemination Level:	Public

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Document History

Version	Date	Summary of changes made
v0.1	21-8-23	Definition of the document structure and the Table of Contents. Writing a first version of all sections.
v0.2	28-8-23	Review of all sections and main input on section 2 “Open Calls”
v0.3	5-9-23	Review of all sections, address comments and formatting.
v0.4	8-9-23	Minor corrections in all sections
V1.0	15-9-23	Ready for submission

Internal Review History

Reviewed by	Date	Summary of Comments
GreenTech, CEEC	13-9-2023	Review of final version v0.4

Table of Contents

Table of Contents 3
Table of Figures 3
Executive Summary 5
1. Introduction 6
1.1 Scope and objectives of the deliverable 6
1.2 Structure of the deliverable 6
1.3 Relation to Other Tasks and Deliverables 6
2. SUSTAIN Digital Collaboration Platform 7
2.1 Registration in the platform 7
2.2 Home page 9
2.3 Profile 10
2.4 Open Calls section 11
2.5 Network section 19
2.6 E-learning section 20
2.7 Marketplace section 23
2.8 Dissemination 24
3. Conclusions 25

Table of Figures

Figure 1: Log in Form 7
Figure 2: Register Form 8
Figure 3: Account Confirmation 8
Figure 4: Home page - 1 9
Figure 5: Home page - 2 9
Figure 6: Profile section 10
Figure 7: Edit profile section 10
Figure 8: Application creation 11
Figure 9: Start page with short info and Guide of Applicants 11
Figure 10: Basic project information section 12
Figure 11: Consortium information section 13
Figure 12: Excellence section 15
Figure 13: Impact section 16
Figure 14: Implementation section 17
Figure 15: Budget section 17

Figure 16: Declaration of honour section 18
Figure 17: Other annexes section 18
Figure 18: My proposals section 19
Figure 19: Network section 20
Figure 20: User details 20
Figure 21: E-learning section 21
Figure 22: View uploaded material 22
Figure 23: Create new topic for training material 23
Figure 24: Marketplace section 24
Figure 25: EU dissemination regulation 24

Executive Summary

The purpose of this deliverable is to present first version of the functionalities of the SUSTAIN Digital Collaboration Platform. The platform is a valuable deliverable of the SUSTAIN project as it serves as an open repository for knowledge & best practices sharing regarding energy efficient building services & projects exposition/showcase and IoT/ Smart Home tools.

This digital platform was developed in a way so as to include the following sections:

Open Calls section: This section is devoted to the SUSTAIN Open Calls application procedure and it includes all the required steps and documents for the submission of the applications during the two Open Calls cycles.

Networking section: This section aims to support SUSTAIN members and SMEs to communicate, share opinions and personal experiences, with an easy and direct way.

E-learning section: This section is an open repository for training material and knowledge & best practices sharing regarding energy efficient building services & projects exposition/showcase and IoT/ Smart Home tools.

Marketplace section: This section will provide assistance to the companies for promoting and marketing their products and services. In that way, new smart energy building services will be communicated to more people in a quicker and more efficient way

1. Introduction

1.1 Scope and objectives of the deliverable

This deliverable is part of the SUSTAIN (cluSter bUilding SmarT reAdiness INdicators) project, a three-year EUROCLUSTERS project.

As part of WP4 (Development of value chains interlinkages in the EU Single Market for improving resilience), the objective of this deliverable, is to report the design of the first version of the SUSTAIN Digital Collaboration Platform which is one of the main results of the project and it is envisioned to continue its operation after the end of the project.

The **main objectives** of the platform are:

- Support the potential applicants in the preparation and submission of their applications for the SUSTAIN Open Calls.
- Support stakeholders of the construction sector to communicate, share opinions and personal experiences, with an easy and direct way.
- Create an open repository for training material and knowledge & best practices sharing regarding energy efficient building services, SRI & projects exposition/showcase and IoT/ Smart Home tools.
- Facilitate SMEs and other stakeholders to promote their tools and services through the marketplace.

1.2 Structure of the deliverable

D4.2- Digital Collaboration Platform v.1 is structured according to the following sections:

- **Section 1**: Makes an introduction to the specific deliverable.
- **Section 2**: Includes the description of all the sections and components of the SUSTAIN platform.
- **Section 3:** It includes a summary of the current deliverable.

1.3 Relation to Other Tasks and Deliverables

The present deliverable of SUSTAIN project: D7.2 Digital Collaboration Platform v.1 is directly related with the WP3 as the platform will host the training material that was created during this WP and with WP5 which is dedicated to the Open Calls.

2. SUSTAIN Digital Collaboration Platform

2.1 Registration in the platform

The SUSTAIN Digital Collaboration Platform is available in the following address:

https://sustain-digital.iti.gr/

In SUSTAIN platform, the various actors and stakeholders, like SMEs, freelancers, research organisations, public entities or other entities, are able to create and view their own profiles.

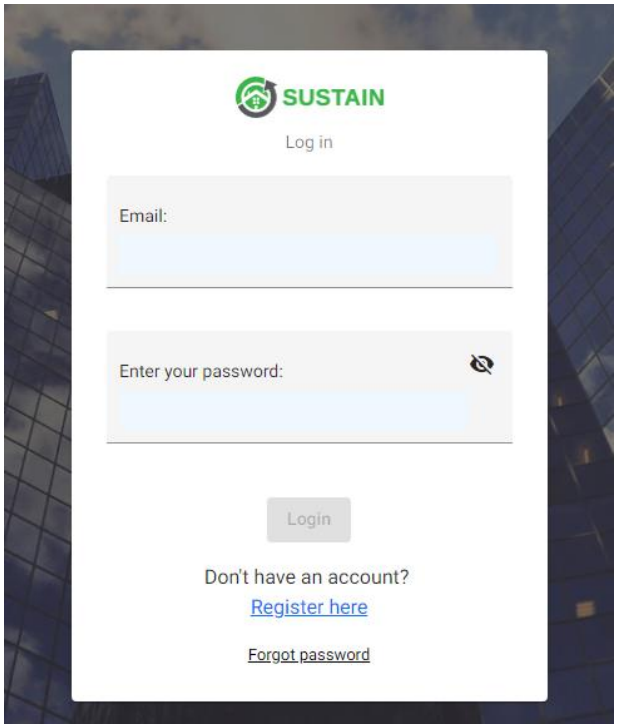


Figure 1: Log in Form

For users that haven't already an account, the option Register here, as displayed in Figure 1, will lead them to the following registration form.

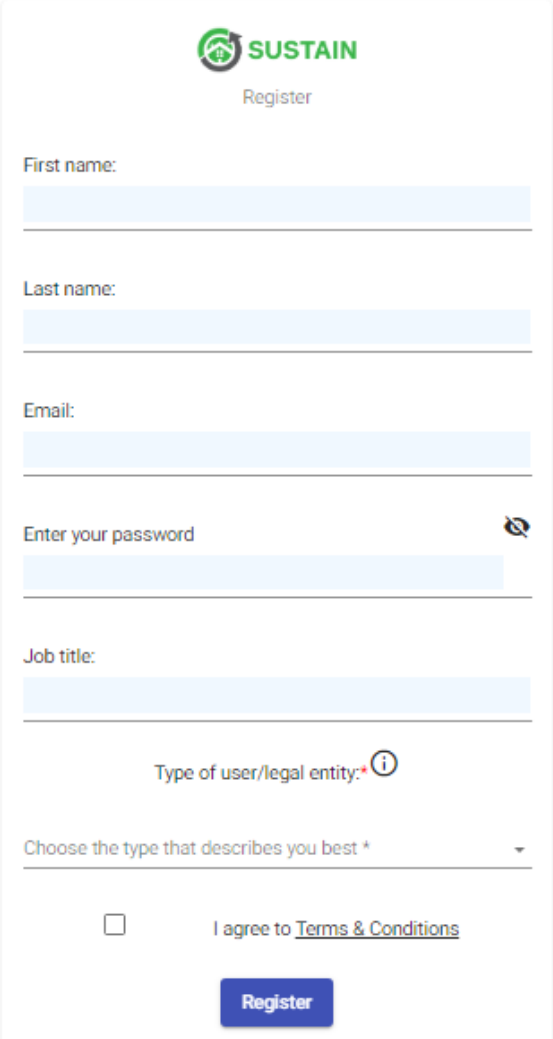


Figure 2: Register Form

The registration procedure will be completed with a confirmation e-mail, in the e-mail address the new user has provided in the credentials.

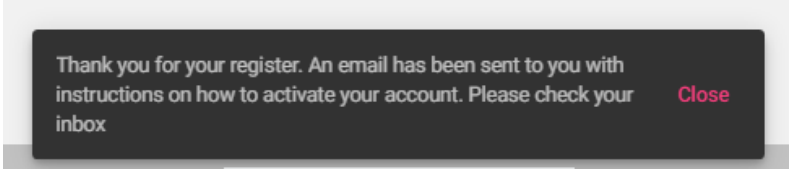


Figure 3: Account Confirmation

2.2 Home page

In the Home Page of the first version of the SUSTAIN Digital Collaboration Platform, there are some brief information about the Open Calls that are in progress and some metrics related to the number of registered users, submitted proposals etc.

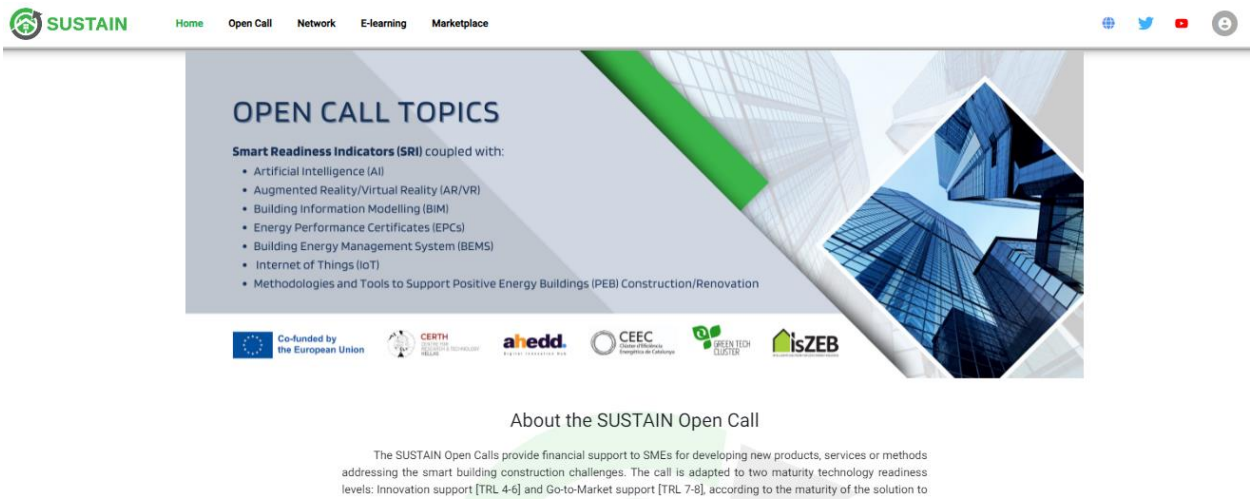


Figure 4: Home page - 1

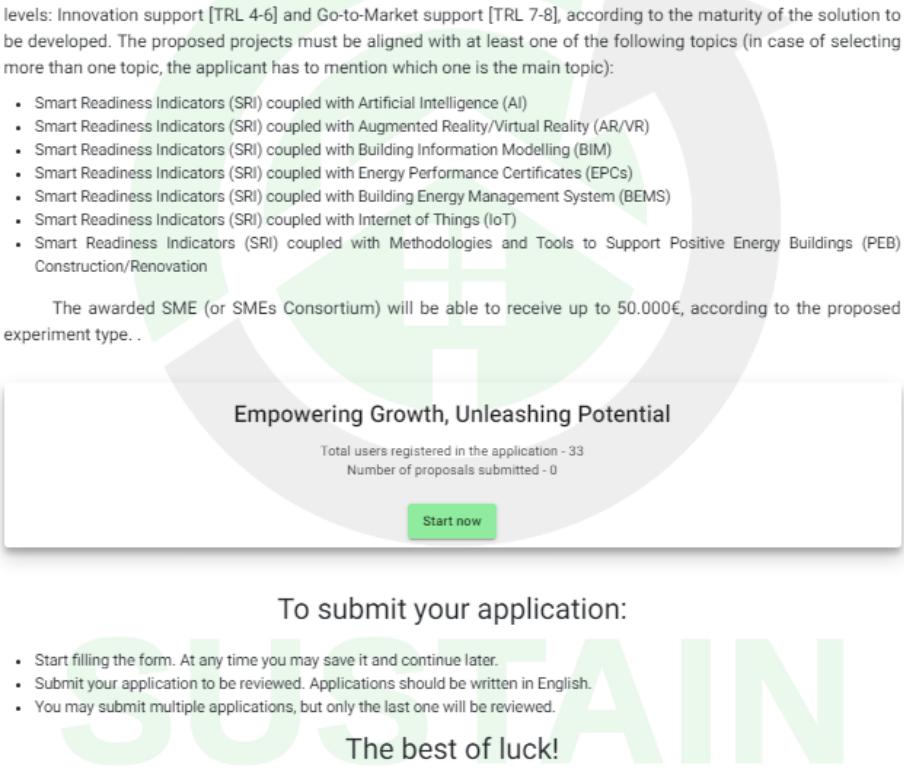


Figure 5: Home page - 2

2.3 Profile

As shown in the following Figure, the user can choose to view the account details.

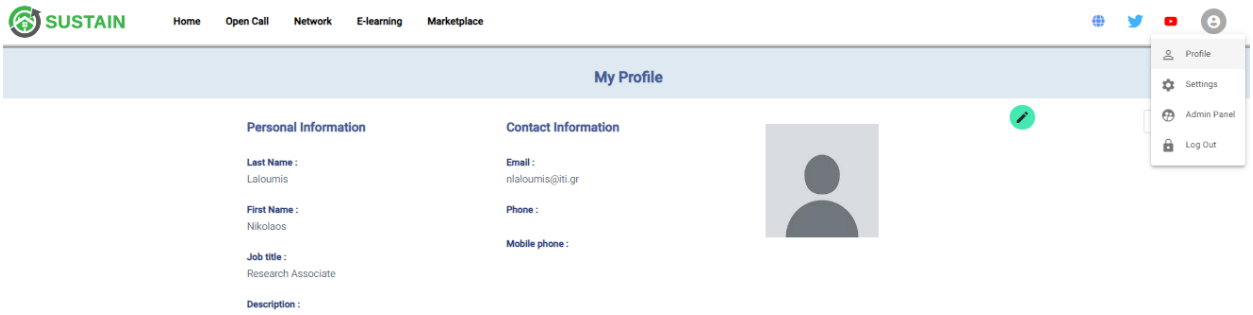


Figure 6: Profile section

Users can edit their profile's information by the following section.

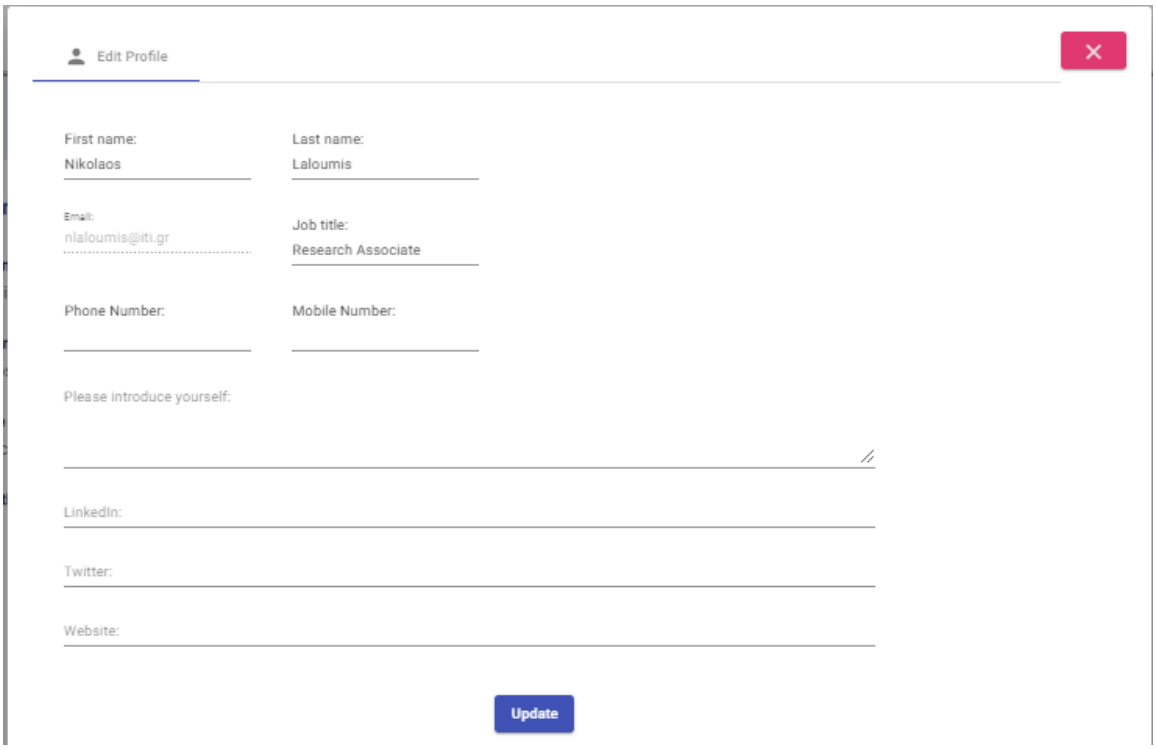


Figure 7: Edit profile section

2.4 Open Calls section

In the Open Calls section the potential Applicants can create, fill, elaborate and submit their application according to the Guide of Applicants and the required steps.

Below the required steps and sections are presented.

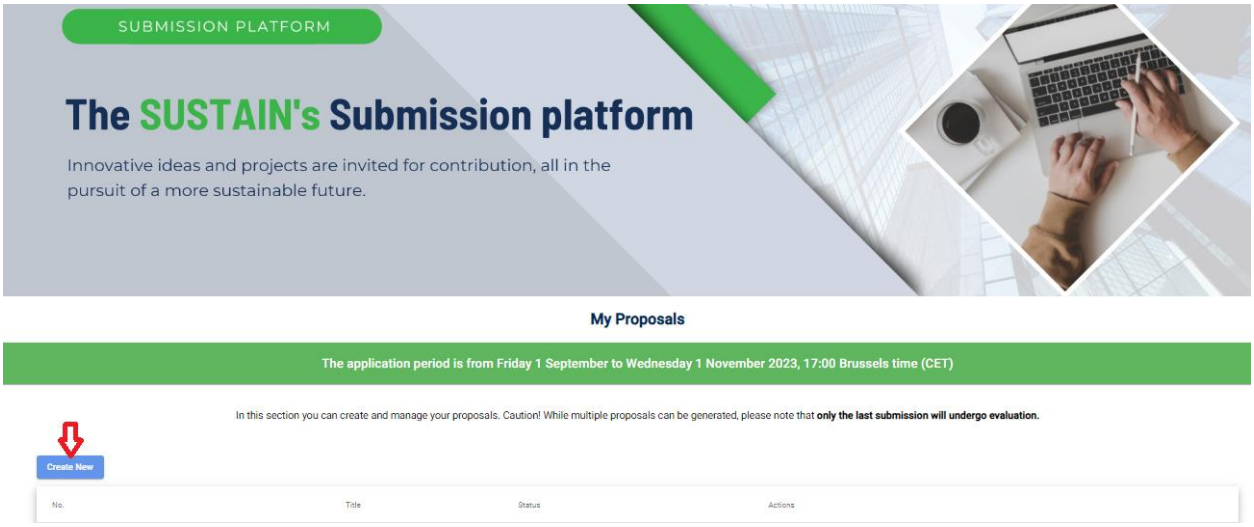


Figure 8: Application creation

As soon as the applicant creates a new proposal, the following form will be created. In this page the applicant can download the Guide of Applicants and watch the webinar session when it will be available.

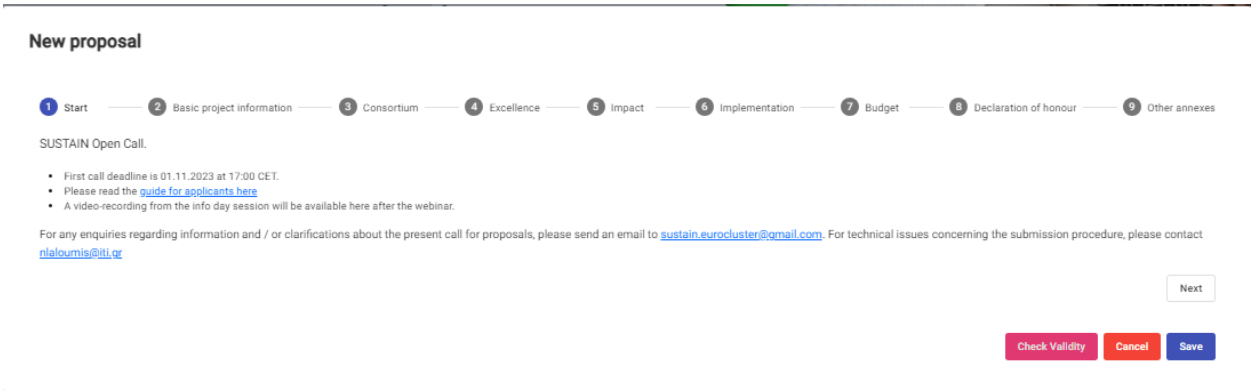


Figure 9: Start page with short info and Guide of Applicants

The applicant can move to next sections by clicking on “Next” button. In the second section the applicant has to insert some basic information about the proposed project (title, acronym, country, contact details, related topic, TRL and abstract).

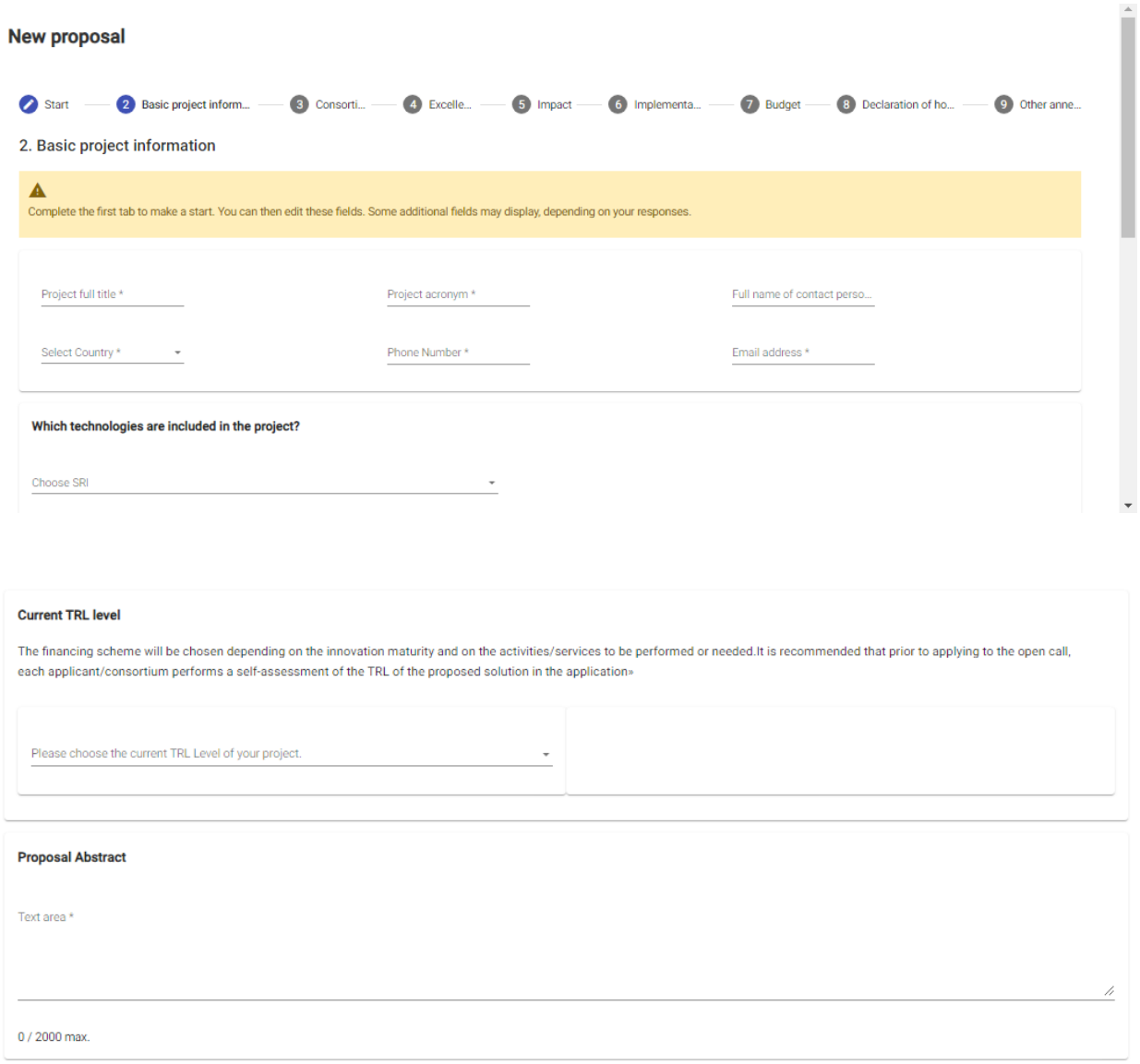


Figure 10: Basic project information section

The third section is related with the Consortium and the Applicant can add the required information for the involved SME or SMEs in case of a consortium.

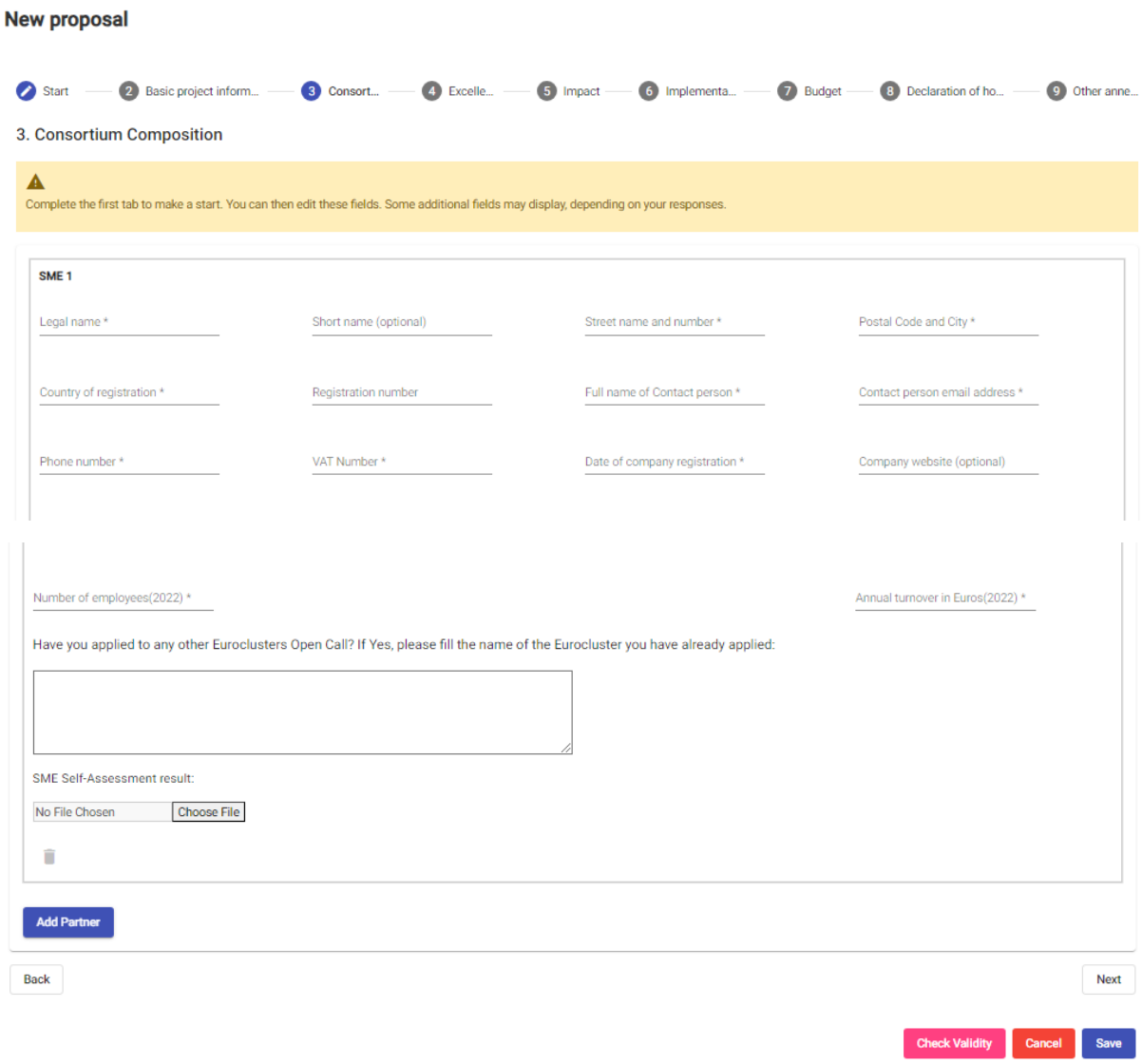
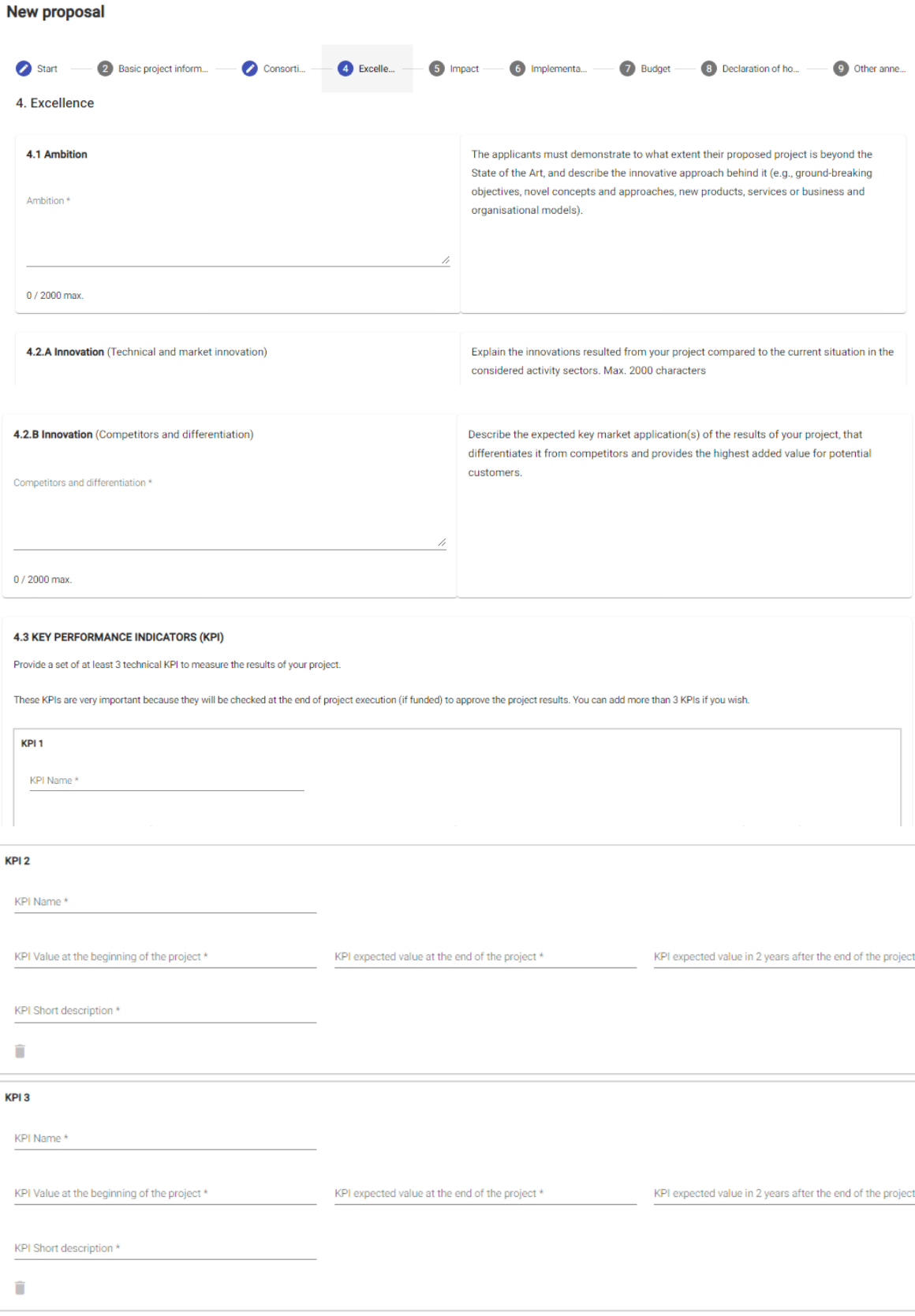


Figure 11: Consortium information section

The three next sections (4-Excellence, 5-Impact, 6-Implementation) are dedicated to the description of the core project of each applicant according to the evaluation criteria of the Open Call. All sections have to be filled online except the Work Plan description where a specific template is required to be uploaded. The required template is available for downloading for the applicants.


New proposal
Start
2 Basic project inform...
Consorti...
4 Excelle...
5 Impact
6 Implementa...
7 Budget
8 Declaration of ho...
9 Other anne...
4. Excellence
4.1 Ambition
Ambition *
0 / 2000 max.
The applicants must demonstrate to what extent their proposed project is beyond the State of the Art, and describe the innovative approach behind it (e.g., ground-breaking objectives, novel concepts and approaches, new products, services or business and organisational models).
4.2.A Innovation (Technical and market innovation)
Explain the innovations resulted from your project compared to the current situation in the considered activity sectors. Max. 2000 characters
4.2.B Innovation (Competitors and differentiation)
Competitors and differentiation *
0 / 2000 max.
Describe the expected key market application(s) of the results of your project, that differentiates it from competitors and provides the highest added value for potential customers.
4.3 KEY PERFORMANCE INDICATORS (KPI)
Provide a set of at least 3 technical KPI to measure the results of your project.
These KPIs are very important because they will be checked at the end of project execution (if funded) to approve the project results. You can add more than 3 KPIs if you wish.
KPI 1
KPI Name *
KPI 2
KPI Name *
KPI Value at the beginning of the project *
KPI expected value at the end of the project *
KPI expected value in 2 years after the end of the project *
KPI Short description *
KPI 3
KPI Name *
KPI Value at the beginning of the project *
KPI expected value at the end of the project *
KPI expected value in 2 years after the end of the project *
KPI Short description *

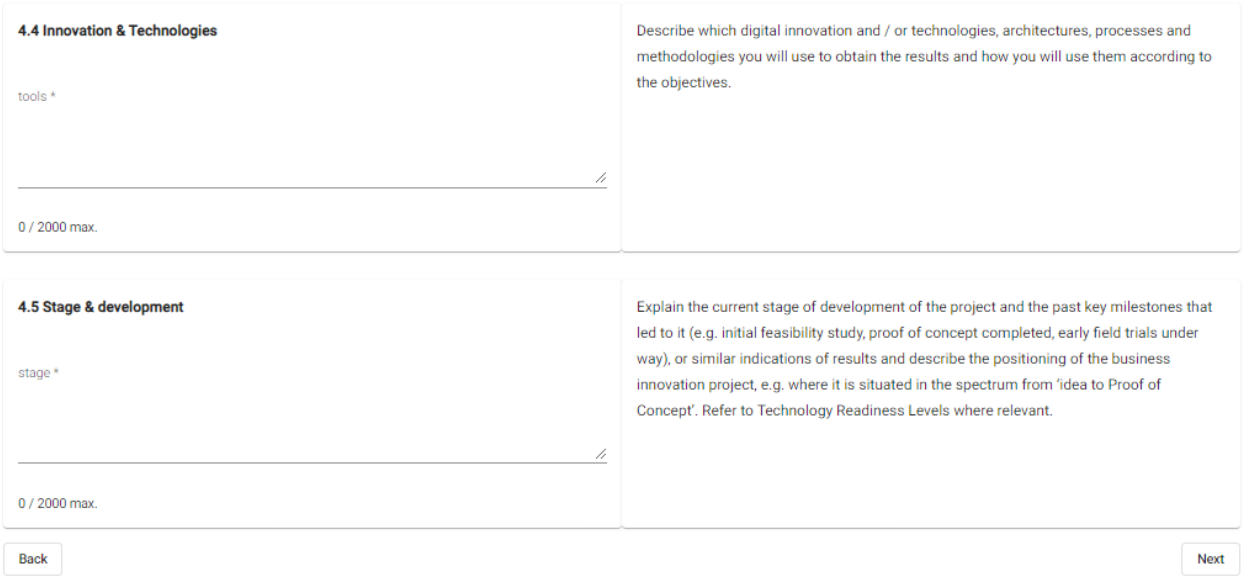
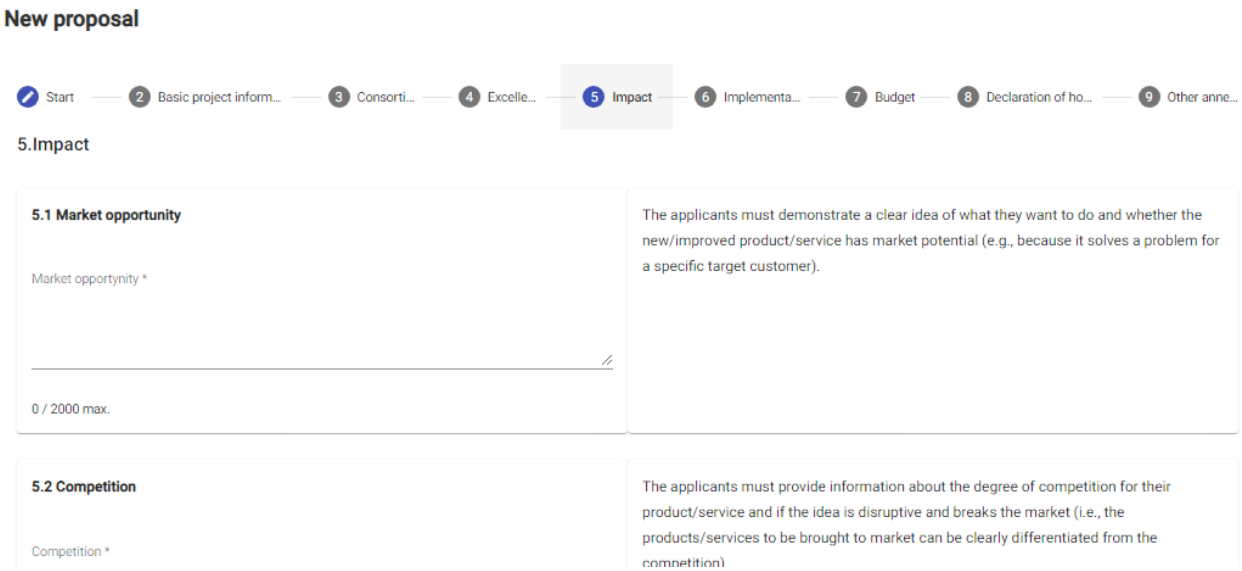


Figure 12: Excellence section



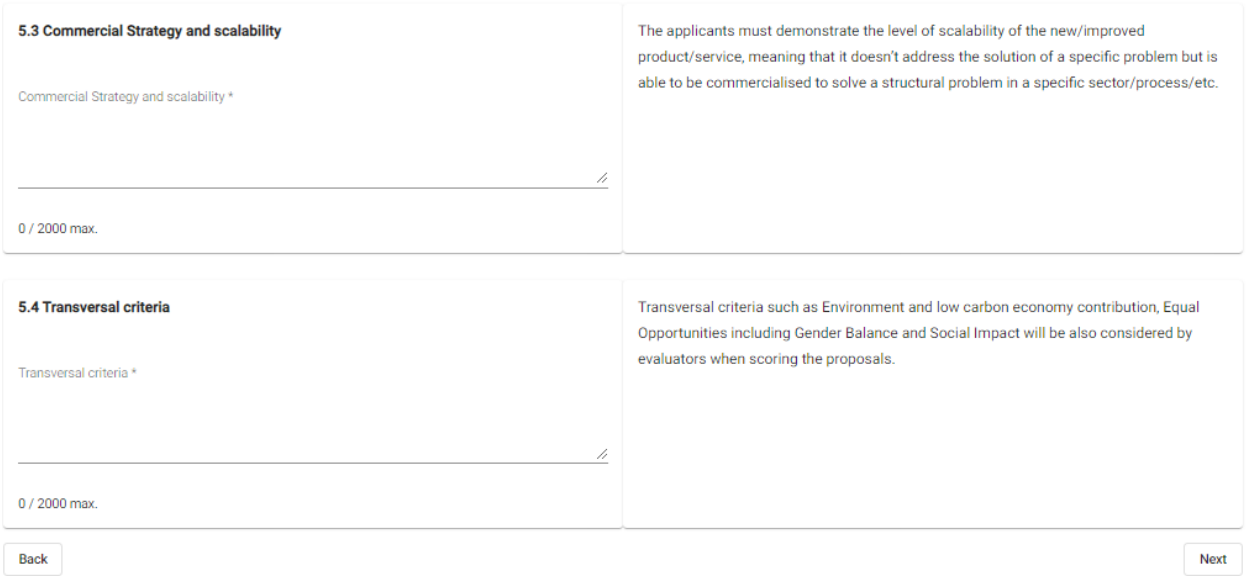
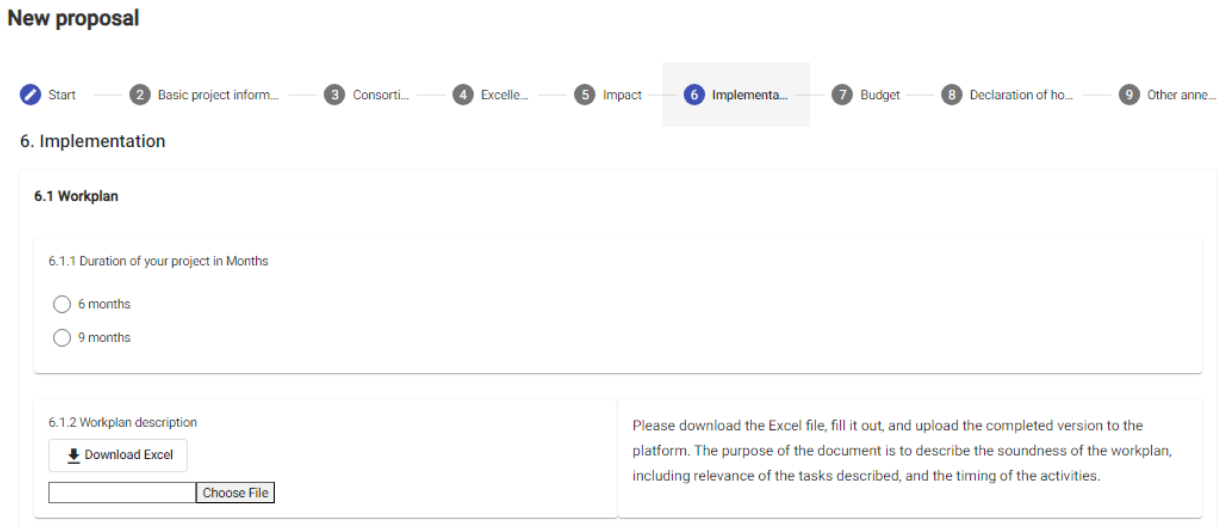


Figure 13: Impact section



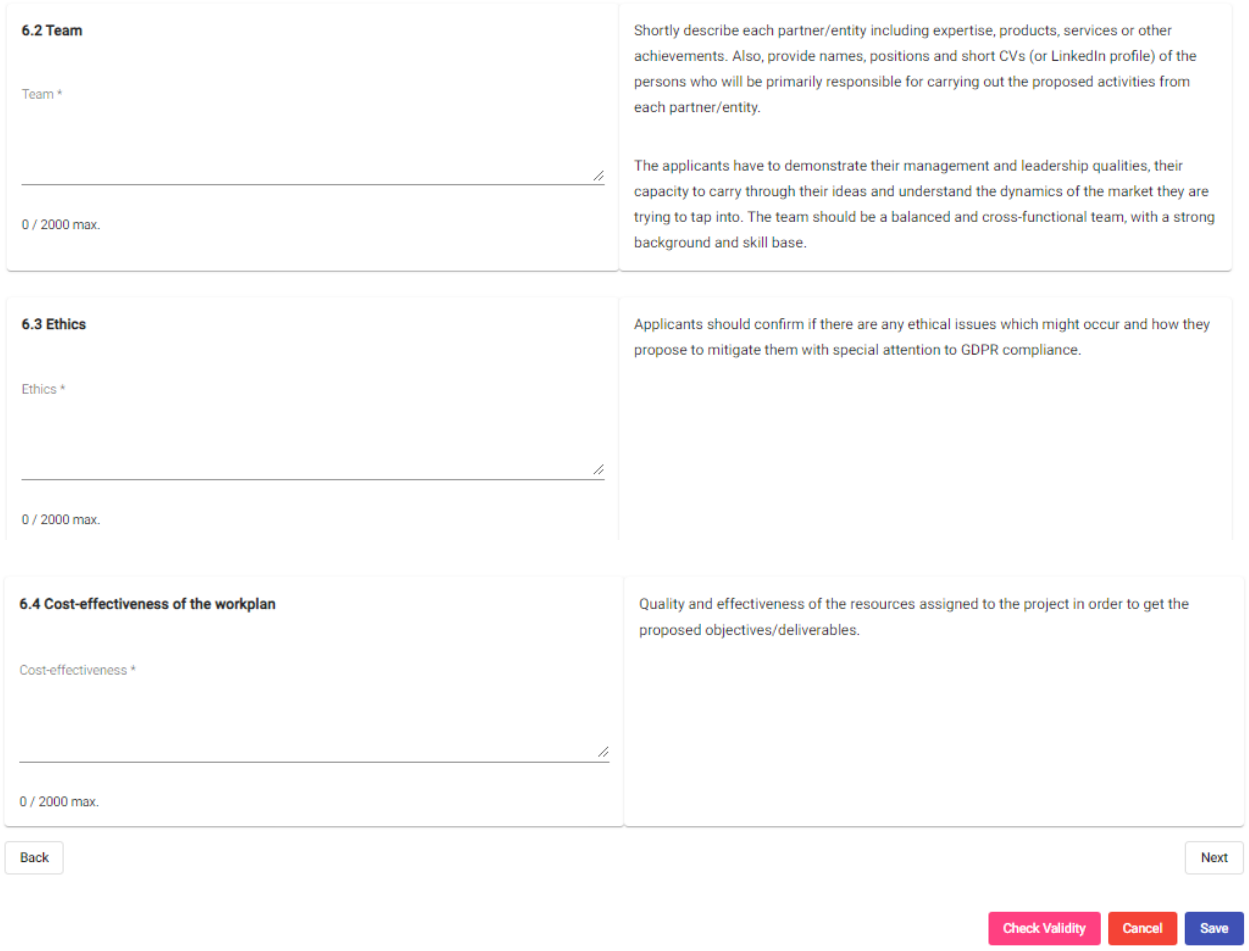


Figure 14: Implementation section

The next step is related with the proposed budget where the applicants have to download, fill and upload a specific template provided for the budget allocation.

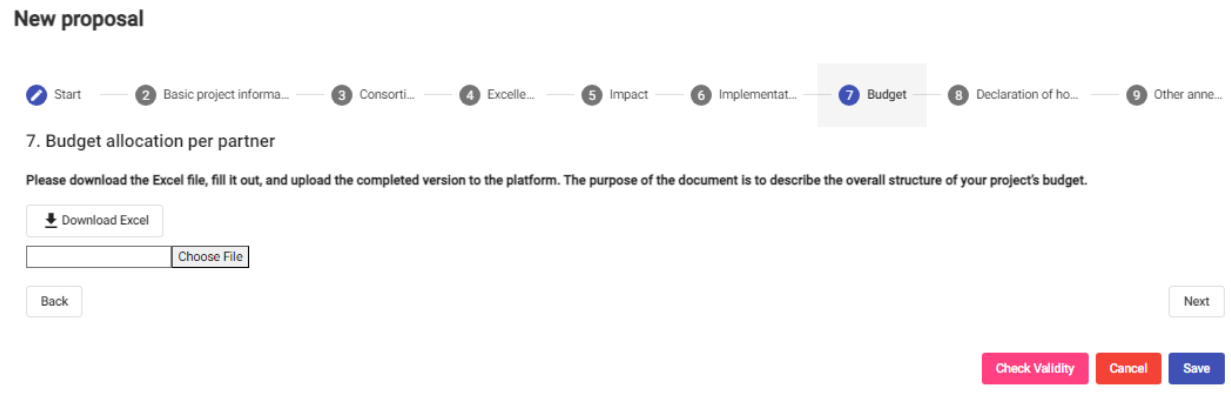


Figure 15: Budget section

The next step is dedicated to the Declaration of Honour that must be signed by all applicants. All applicants can find and download the required template in this step.

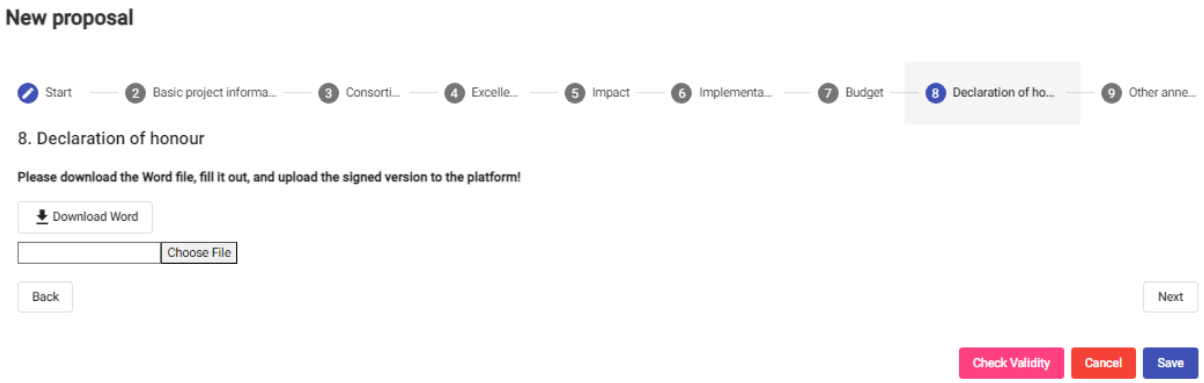


Figure 16: Declaration of honour section

Finally, the last section provides the option to the applicants to upload a free pdf with any content (e.g. tables, figures, etc.) that can support their application.

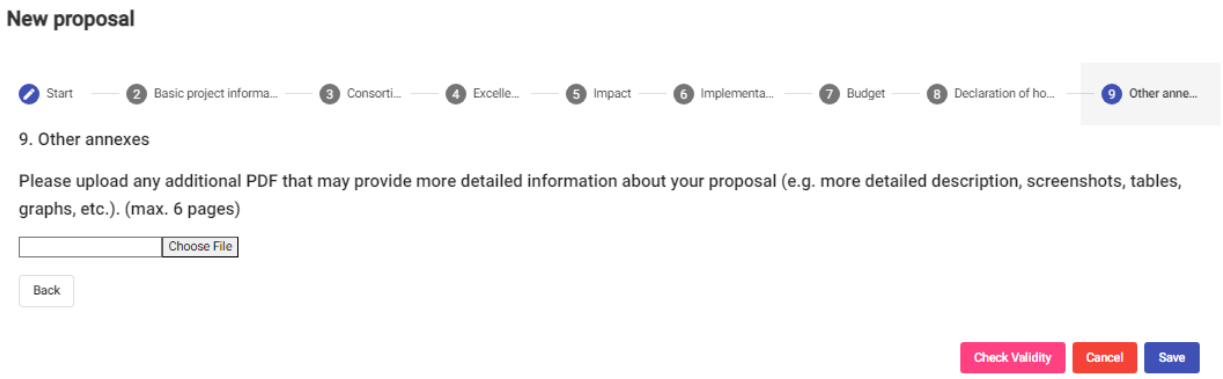


Figure 17: Other annexes section

During all steps, the applicant can “Save” the current version of their application and they can “Check Validity” of their application in case they miss to fill any mandatory field. Moreover, they can also “Cancel” their application at any stage.

The applicants can access and continue the elaboration of the saved applications from the “My proposals” page.

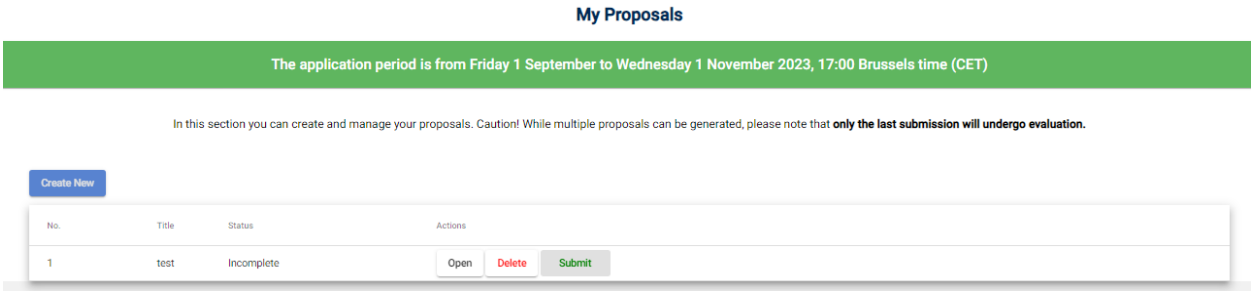
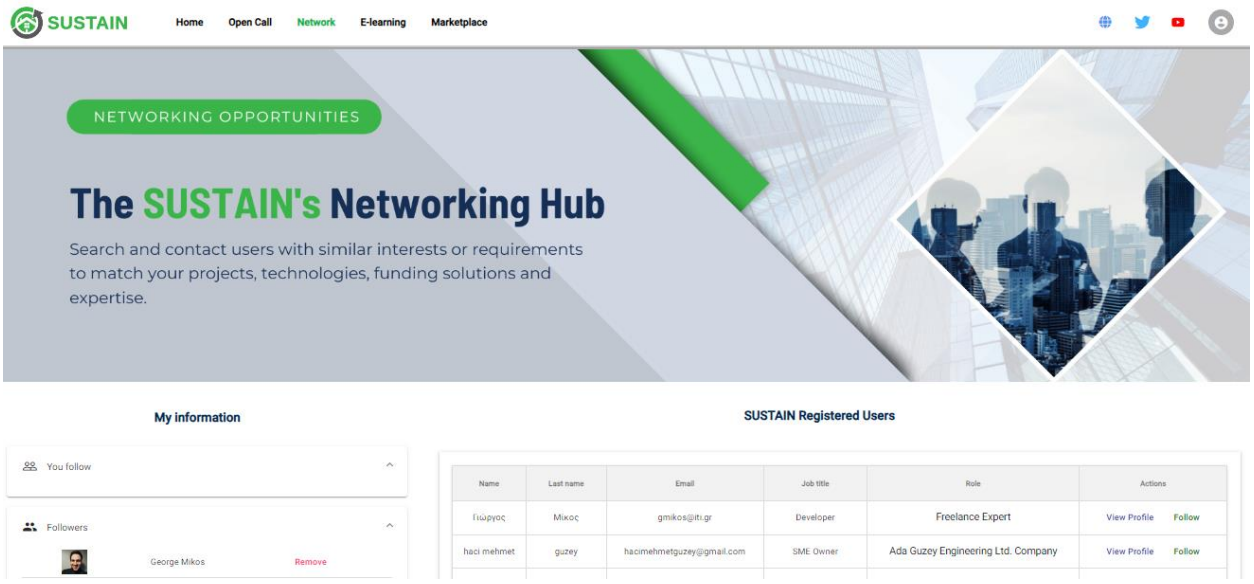


Figure 18: My proposals section

As soon as all the mandatory sections are filled and the “Check validity” function exports a valid message then the applicant can submit the application by clicking the “Submit” button.

2.5 Network section

In the Network section the users can review all the registered users and companies and according to their expertise and interests they can connect with them and expand their network. They can also follow some specific contacts or remove them of their network.



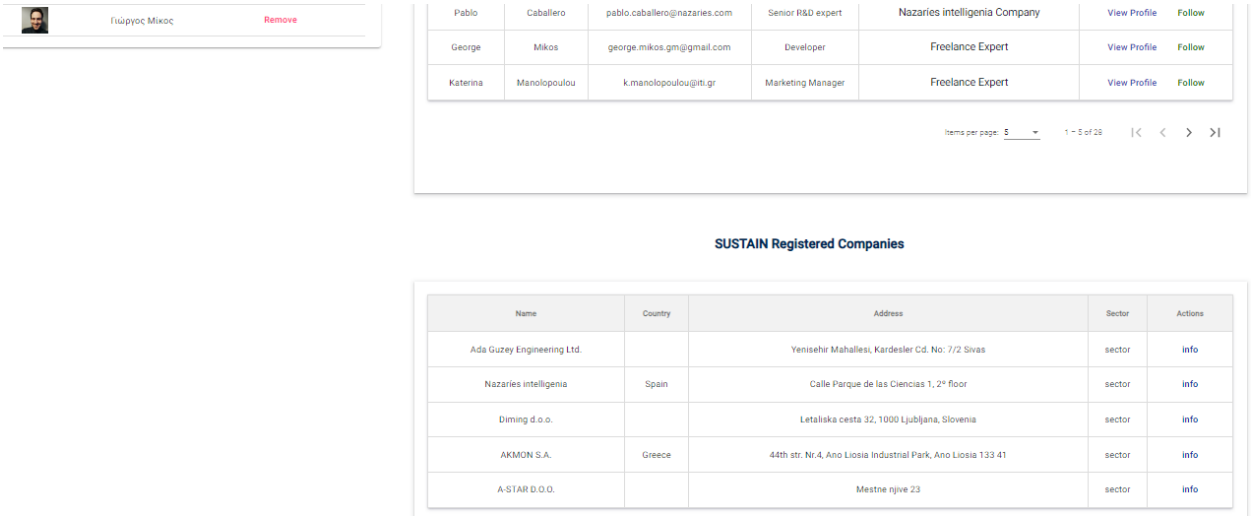


Figure 19: Network section

The user can also see information and details for other registered users and companies.

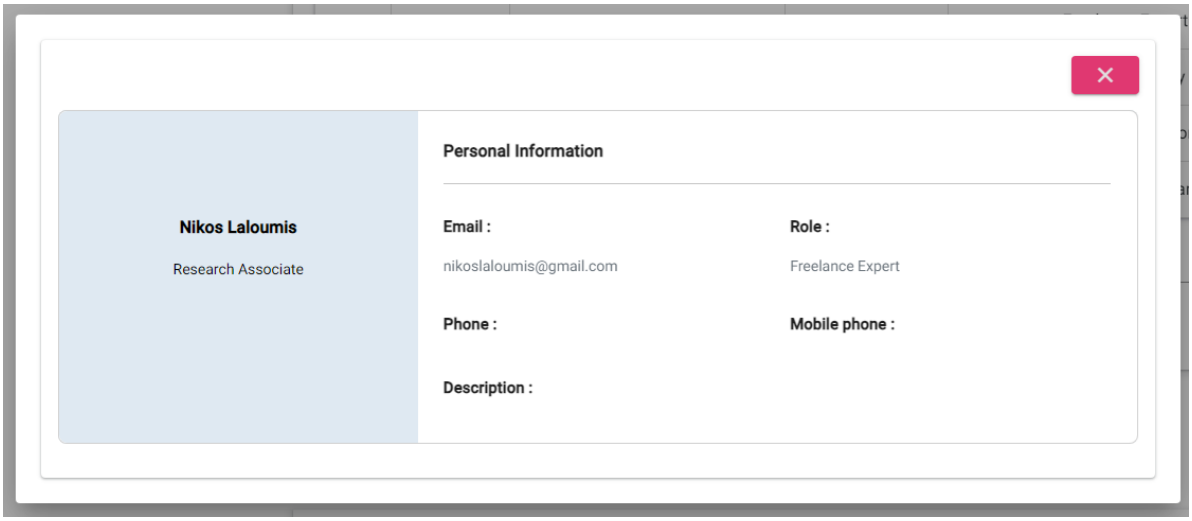


Figure 20: User details

2.6 E-learning section

The e-learning section includes informational and educational content relevant to the sector, technologies and their sources.

Indicatively, topics may concern building sector innovations and investments, technical solutions and financial planning, collaborative business modelling and networking, smart technologies related to the building sector, and others. The following Figure presents an example of e-learning topics.

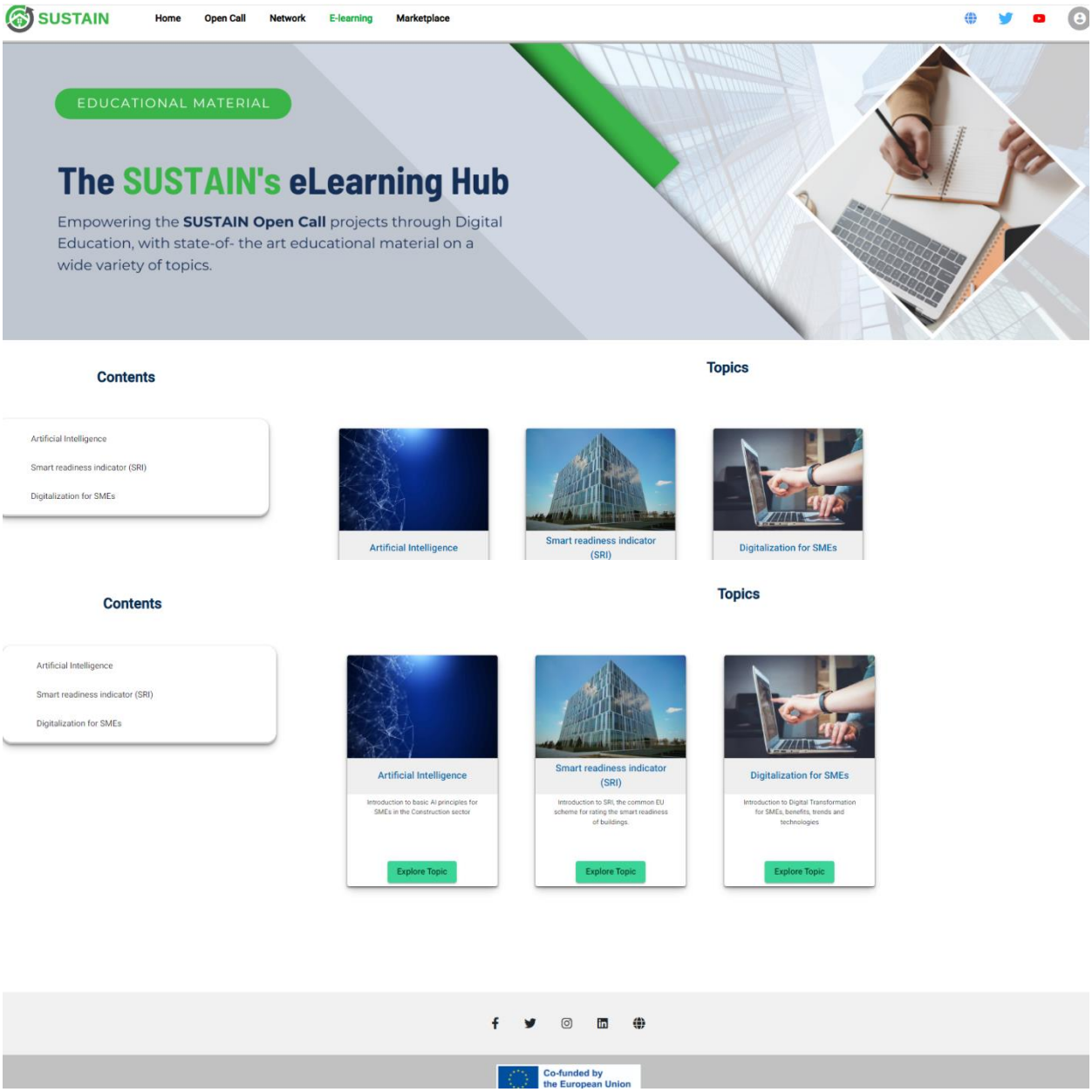


Figure 21: E-learning section

The contents of the E-learning section are presented on the left list and each user can view the material per topic by clicking the “Explore topic” button and then the “View Lesson” button.

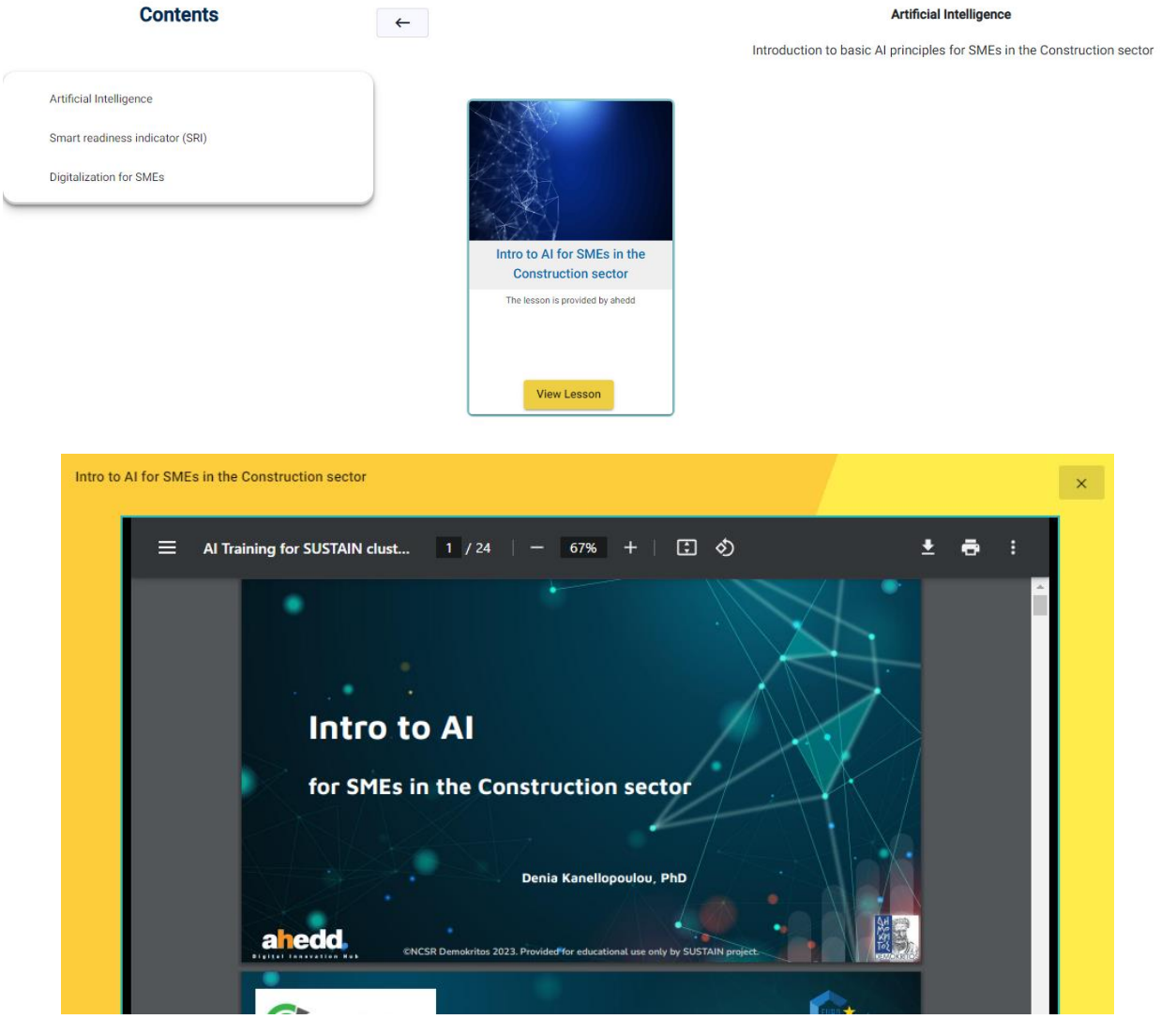


Figure 22: View uploaded material

The user can view the training material (e.g. pdf, video, etc.), download and print it.

The training material can be uploaded only by the admin account of the platform in order to confirm the validity and the relevance of the material.

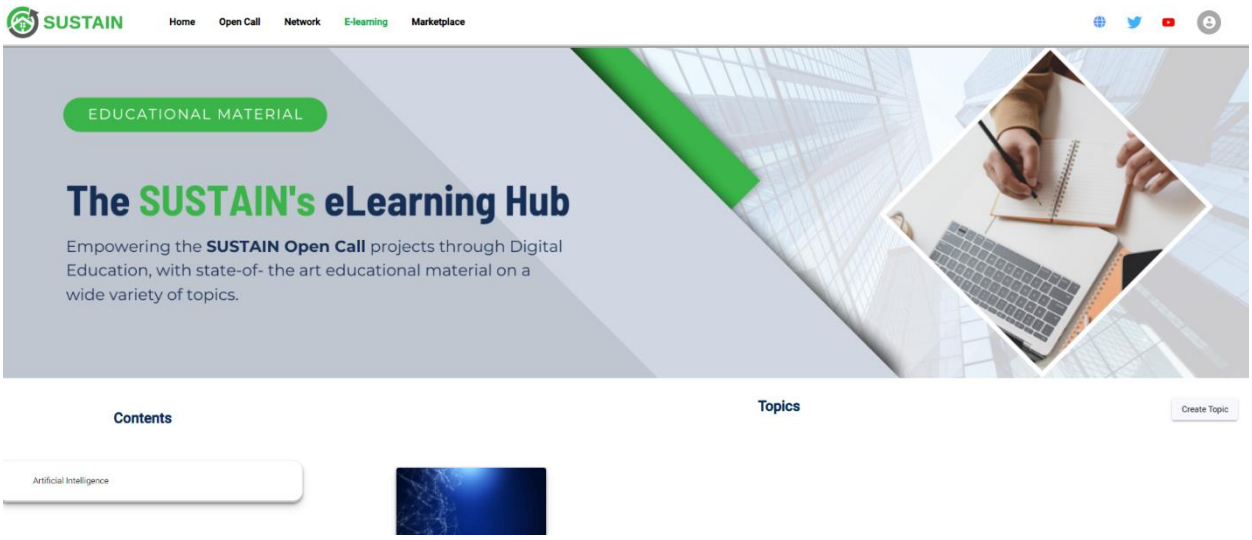
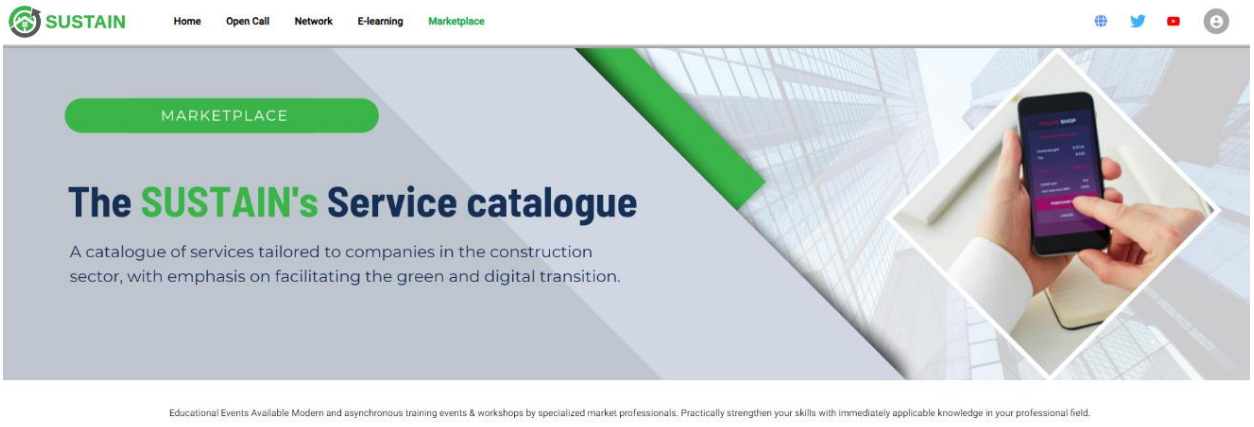


Figure 23: Create new topic for training material

2.7 Marketplace section

The marketplace section includes tools and services that are related with the building construction sector.



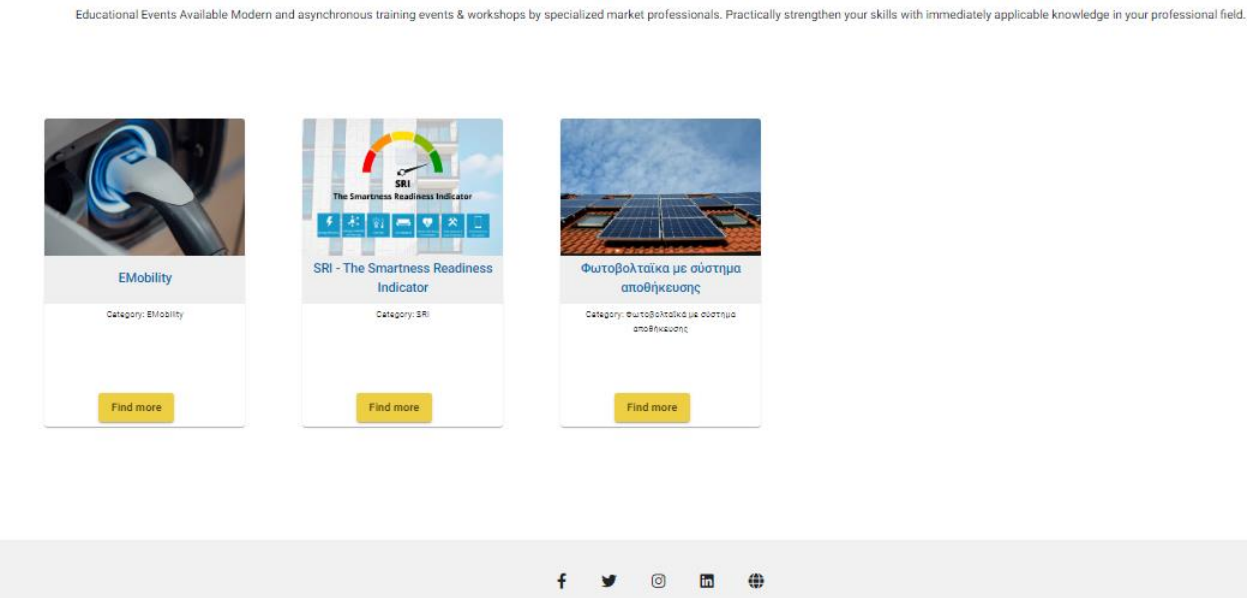


Figure 24: Marketplace section

This section is expected to be enriched after the end of the Open Calls approved projects as the selected SMEs will have the opportunity to promote their implemented solutions through SUSTAIN platform.

The tool/service can be added only by the admin account of the platform in order to confirm the validity and the relevance of the solution.

2.8 Dissemination

All pages and sections of the SUSTAIN Digital Collaboration Platform are aligned with the EUROCLUSTERS programme dissemination and communication rules. Moreover, the platform includes the links of the SUSTAIN Eurocluster website as well as the social media links of the project.

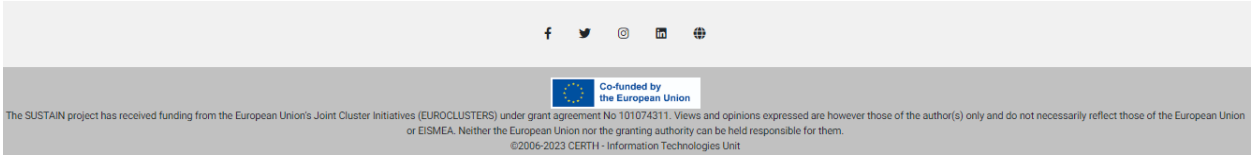


Figure 25: EU dissemination regulation

3. Conclusions

The current document presented the first version of the SUSTAIN Digital Collaboration Platform including the sections of the registration, profiling, Open Calls, Networking, E-learning and Marketplace. In the second (final) version, the full version of the SUSTAIN Digital Platform as well as the functionalities provided will be further analyzed.