



Enabling
Innovative Space-driven Services for Energy
Efficient Buildings and Climate Resilient Cities

D6.2 BUILDSPACE Website

June 2023



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Executive summary

The D6.2 report accompanies and documents the design, implementation and deployment of the BUILDSPACE project website.

BUILDSPACE website has a modern and user-friendly design, presenting in detail the project's concept and objectives, a description of the pilot partners and services as well as a dedicated and dynamic section for news and events. In accordance with the initial communication strategy, the project's website will be constantly updated, presenting the project's results, publications and events allowing in that way the highest level of engagement of the general public.

1 Introduction

The BUILDSPACE website has been developed in accordance to WP6 - Dissemination, Communication and Outreach Activities and aims to become a dynamic and strong communication tool for the project, supporting, together with the social media accounts, significantly the overall communication strategy of the project. As a tool, it will be the key for maintaining the visibility of the project's scientific achievements and engaging the general public. Therefore, project partners will be motivated to keep it alive and current.

1.1 Purpose of the Document

The BUILDSPACE project website will be constantly updated, aiming not only to present and disseminate the project's results, but also to be a reference site containing useful dissemination material as well as links. The website includes information about the project, its consortium and advisory board composition, pilot partners, objectives, project deliverables, information on the platform and services, and synergies. It also includes conferences and all media resources, including infographics, newsletters and press releases and videos.

1.2 Structure of Deliverable

This deliverable is structured as follows:

- Section 1 provides an introduction, the purpose and structure of the deliverable
- Section 2 provides a quick overview and short description of the BUILDSPACE project website, including design, structure and content
- Section 3 concludes this document

2 BUILDSPACE Website

The domain name of the project's website is <https://buildspaceproject.eu/>. It contains the name of the project, with the .eu extension denoting its European origin. The selected wording fulfils the primary requirements of a successful domain name, namely: it is short, and easy to remember.

The website is built upon the latest version of the Drupal operating system, which is a free, open-source content management system (CMS). For measuring the website traffic and monitoring the visitors' behaviour, a connection with the Clarity Analytics service has been established and configured. The data insights coming from the BUILDSPACE website can be accessed directly from the Clarity Analytics interface.

2.1 Design

The design of BUILDSPACE website follows the latest trends in web design, having also in mind the special characteristics of the project's objectives and visual identity. More specifically, the BUILDSPACE website exhibits the following properties:

- A modern interface with a color palette selected to reflect the project's nature and objectives.
- Graphic elements and photos that make the website more vibrant and easy-to-follow.
- Clear and comprehensive structure.
- A clean and modern, easy-to-read typography.
- A responsive design, making the website respond based on the visitors' device (desktop/laptop computer, tablet or mobile/smartphone) and screen size.

Overall, the BUILDSPACE website is placing focus on usability and accessibility. Below in **Figure 1**, a preview of the website's front page:

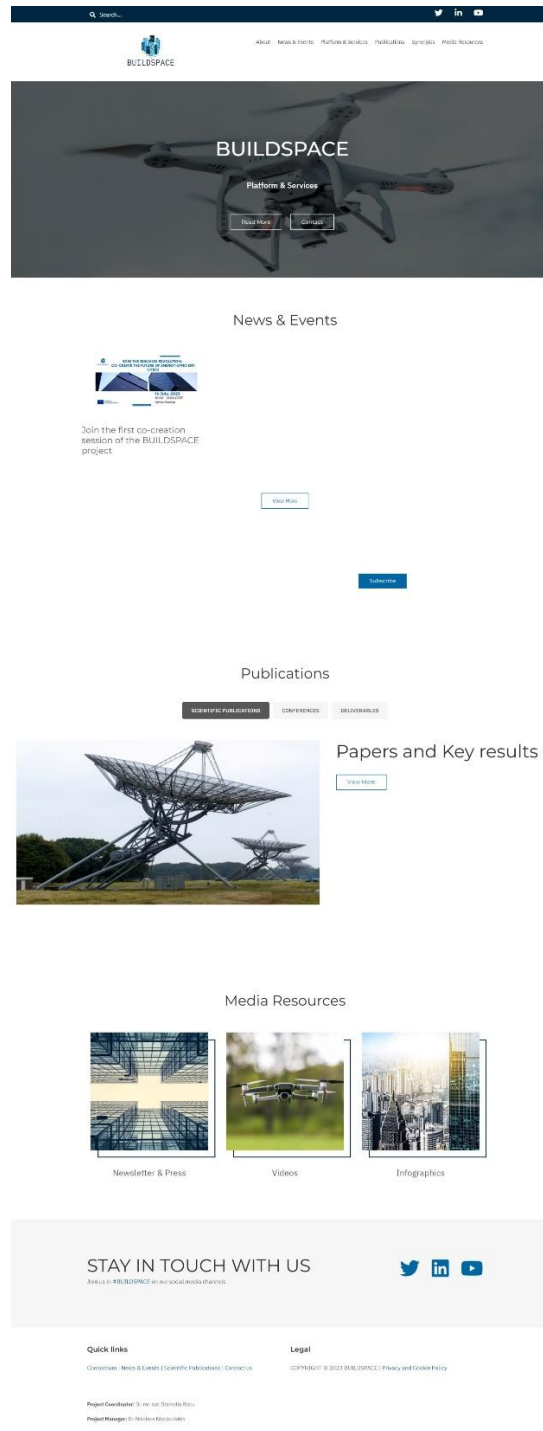


Figure 1. The BUILDSPACE website Homepage

2.2 Structure and Content

The BUILDSPACE site can be navigated by using the main menu links, which are located at the top part of each page. This is a two-level navigation menu that aims to guide the visitor in a simple way. It contains the following items:

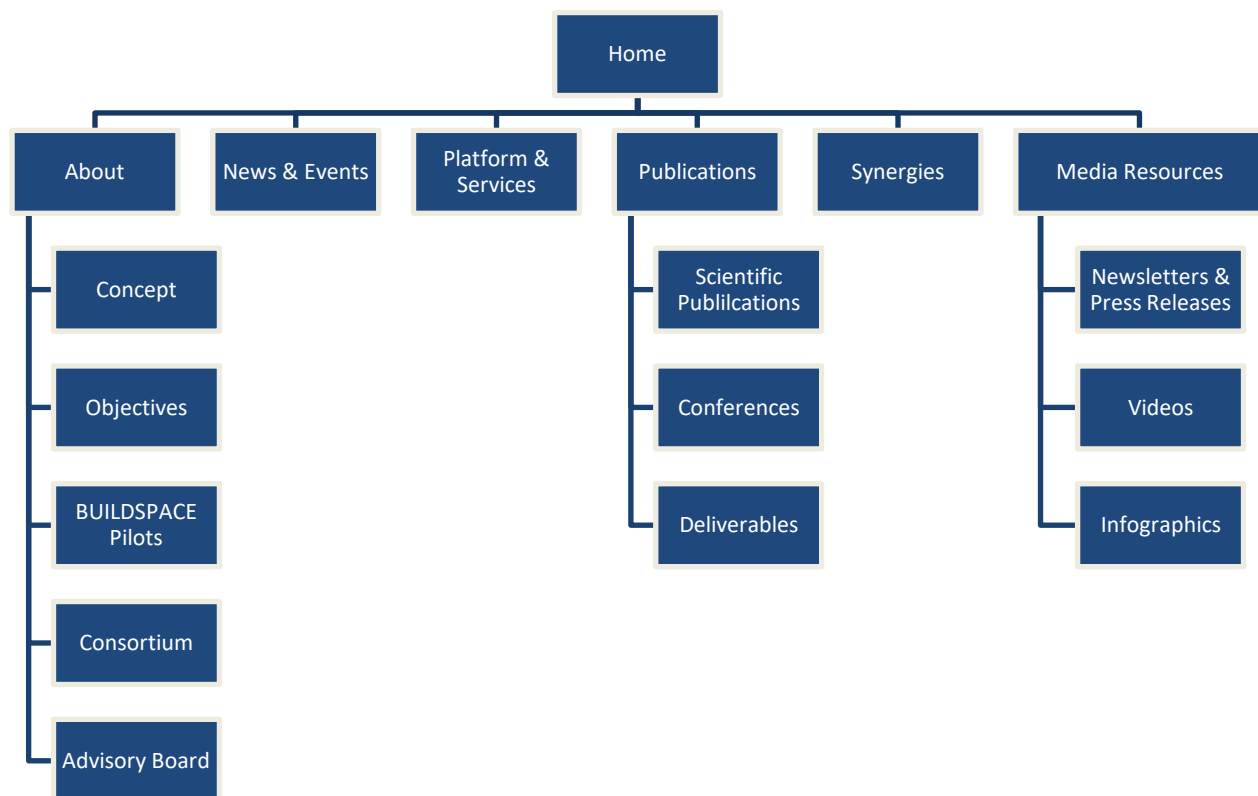


Figure 2. The BUILDSPACE website structure (site map)

- The “Home” menu-item returns the visitor to the Home page. Clicking on the logo also returns the visitor to the Home page. The “About” menu-item includes the title and the five sections, which contain all available information about the project’s concept, objectives, BUILDSPACE pilots, Consortium and Advisory Board.
- The “News & Events” menu-item contains links to all posts about news concerning the project, as well as events scheduled for BUILDSPACE that partners will attend or have attended. It is the main place for visitors that would like to stay in touch with the progress of the project.
- The “Platform & Services” menu-item includes just the title. This section provides information about the interoperable platform that will be designed for the project as well as the five (5) building and city scale services.

- The “Publications” menu-item includes the title and three sections, which contain Scientific Publications, i.e., one of the key means of disseminating the project’s results to the research/academic community, and of providing the scientific credibility for the project’s work; Conferences, that BUILDSPACE partners will attend; and Deliverables. All the material in these sections is and will be available for download, and shared in BUILDSPACE’s social media platforms (LinkedIn, Twitter).
- The “Synergy” menu-item contains the number of EU initiatives and EU-funded projects that BUILDSPACE will create synergies with.
- The “Media Resources” menu-item includes the title and four sections: Newsletters (created with Mailerlite and incorporating inputs from all partners on the progress and key outcomes of the project, as well as a GDPR-compliant subscription service) and Press Releases (regularly posted by title and date); Videos (used to disseminate the BUILDSPACE results in a more effective way to appropriate audiences); Infographics (interactive or static infographics for better visualisation of the project’s results); Materials in these sections can also be shared in BUILDSPACE’s social media platforms (LinkedIn, Twitter).

2.3 Main elements of the website pages

The BUILDSPACE pages consist of three basic parts:

- The Header at the top;
- The Footer at the bottom; and
- The Content in between.

2.3.1 Header

The Header (see **Figure 3** below) contains the navigation menu of the website and the search field. It remains constant for all website pages, and it includes links to the project’s social media accounts (LinkedIn, Twitter and YouTube).

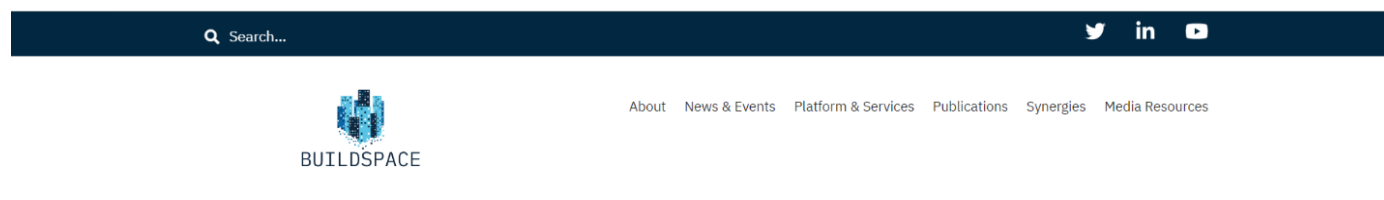


Figure 3. BUILDSPACE website Header

2.3.2 Footer

The Footer (see **Figure 4** below) includes two sections of information. The left section contains a menu with Quick Links, (Consortium, News & Events, Scientific Publications and the Contact us page), followed by the names and titles of the Project Coordinator and Project Manager. At the upper-right section there is a link to the Privacy & Cookies Policy page. At the down-right part, there is a statement that the project is funded by the European Union’s Horizon 2023 Research and Innovation Programme, followed by a disclaimer.

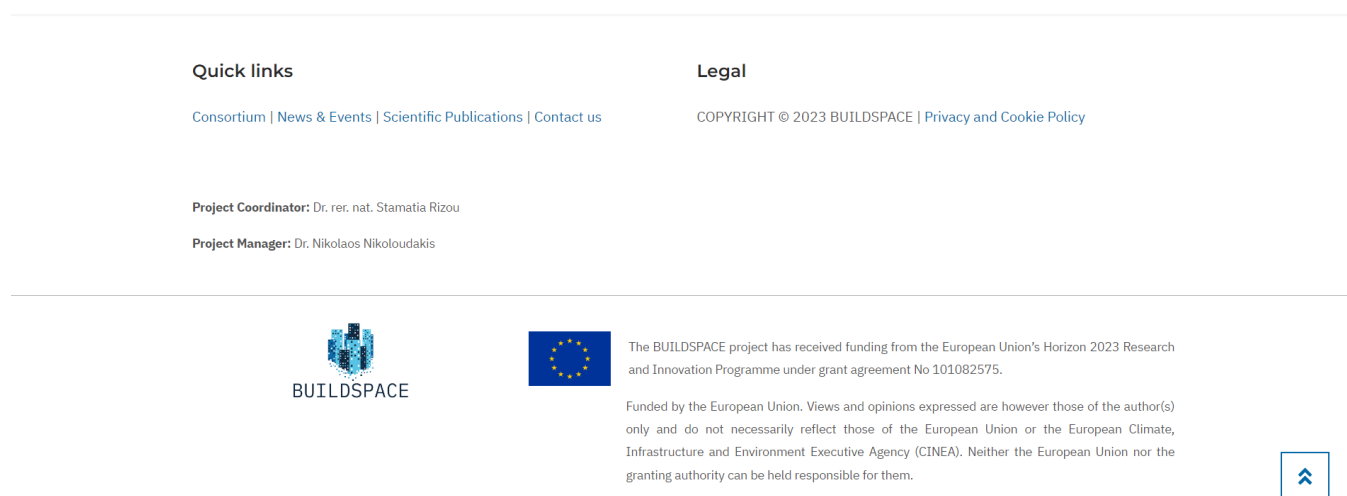


Figure 4. BUILDSPACE website Footer

The “Contact Us” button, leads you to a “Get in touch” page giving the opportunity to the visitor to send an e-mail to the consortium. Name, email address, subject and message are required, as it is a CAPTCHA verification of the request. Once this information is provided and the message is sent, it is routed directly to the dissemination team mailing list.

A sample of the “Contact Us” page is shown in **Figure 5** below.

[Home](#) » [Contact](#)

Get In Touch

Your name *

Your email address *

Subject *

Message *

[Send message](#) [Preview](#)

STAY IN TOUCH WITH US

Join us in #BUILDSPACE on our social media channels



Quick links

[Consortium](#) | [News & Events](#) | [Scientific Publications](#) | [Contact us](#)

Legal

COPYRIGHT © 2023 BUILDSPACE | [Privacy and Cookie Policy](#)

Project Coordinator: Dr. rer. nat. Stamatia Rizou

Project Manager: Dr. Nikolaos Nikoloudakis

Figure 5. The BUILDSPACE website Contact Us page

2.3.3 Homepage

The home page consists of eight sections, as shown in the sample in Figure 1, with the aim to catch the visitor's eye and provide information about all aspects of the project.

1st section: Header

Please see Section 2.3.1.

2nd section: Slider

Slider is a slideshow (7 seconds per slide), where the user can also manually navigate sequentially between the slides, using the arrows at the left and right; the slides are clickable and will direct the user to the corresponding section.

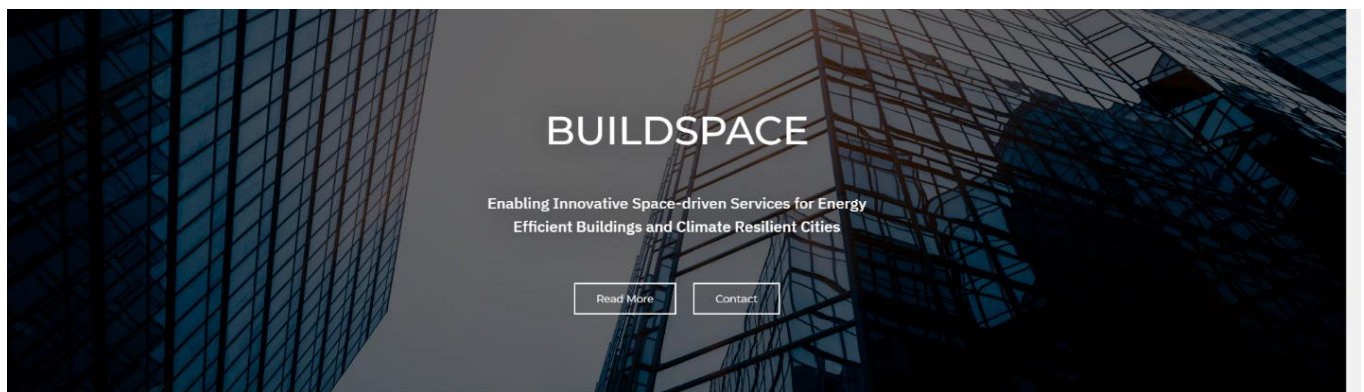


Figure 6. The BUILDSPACE website Slider

3rd section: News & Events

This section contains links to selected important events and other project-related news. Moving the mouse pointer over the items creates a slight shadow on the picture. By clicking on an item, the corresponding page is loaded and displayed. The “View more” button takes you to the full list of “News & Events” page (the same page that is displayed when “News & Events” is selected from the corresponding top menu-item).

News & Events



Join the first co-creation session of the BUILDSPACE project

[View More](#)

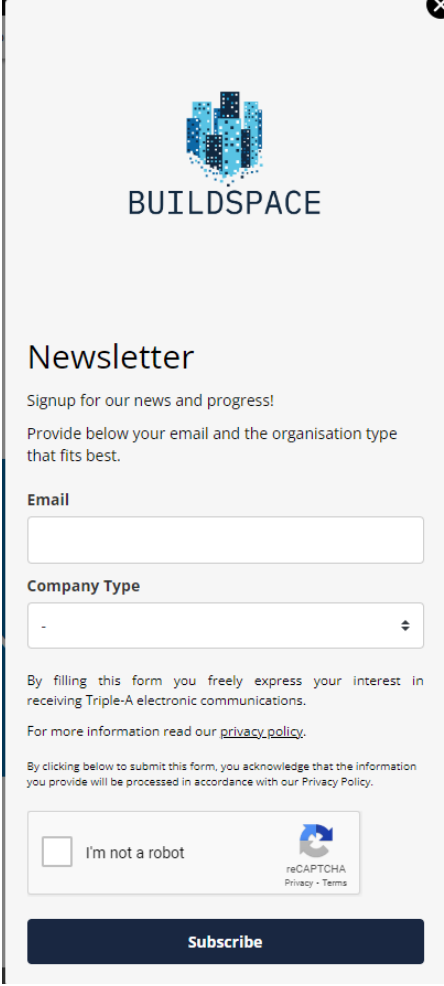
Figure 7. BUILDSPACE website News & Events

4th section: Subscribe for our Newsletter banner

A pop-up page linked via the “Subscribe” button in the right side of the banner, allows users to subscribe to the BUILDSPACE newsletter.



Figure 8. The BUILDSPACE website Subscription banner



BUILDSPACE

Newsletter

Signup for our news and progress!

Provide below your email and the organisation type that fits best.

Email

Company Type

By filling this form you freely express your interest in receiving Triple-A electronic communications.

For more information read our [privacy policy](#).

By clicking below to submit this form, you acknowledge that the information you provide will be processed in accordance with our Privacy Policy.

☐ I'm not a robot

reCAPTCHA
Privacy - Terms

Subscribe

Figure 9. The BUILDSPACE website Subscription Pop-up

5th section: Publications

In this section, there are three context areas, the same that can be selected from the corresponding top menu-item: Scientific Publications, Conferences, Deliverables. By moving the mouse on the top buttons, the colour changes to dark blue. When moving the mouse on the “View more button”, the colour changes to light blue. A light shadow is also created when moving the mouse on top of the picture (left part of this section). Upon clicking on any of the three areas, the corresponding page is displayed.

Publications

SCIENTIFIC PUBLICATIONS

CONFERENCES

DELIVERABLES



Papers and Key results

[View More](#)

Figure 10. The BUILDSPACE website Publications Section

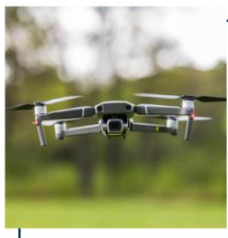
6th section: Media Resources

This section contains three pictures that correspond to the elements available from the “Media Resources” top-menu item (Newsletter & Press, Videos, Infographics). Moving the mouse pointer over each of the items, there is a white shadow filter that appears on its picture, to indicate that, when clicked, the corresponding page will be displayed.

Media Resources



Newsletter & Press



Videos



Infographics

Figure 11. The BUILDSPACE website Media & Resources Section

7th section: Stay in touch with us (social media accounts)

In this banner, users are prompted to join and follow BUILDSPACE through selected social media accounts (Twitter, LinkedIn and YouTube). The Social Media accounts banner is displayed in every page of the website, just before the footer section.

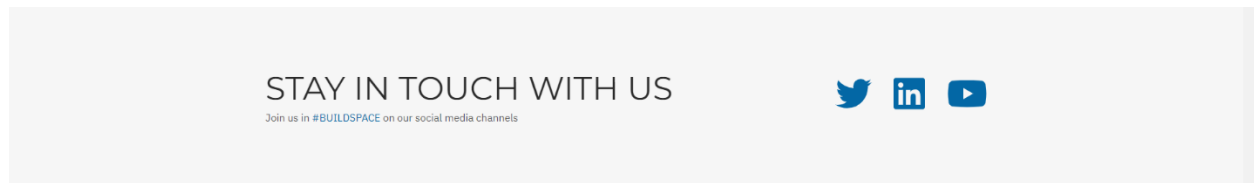


Figure 12. The BUILDSPACE website “Stay in touch with us” section

8th section: Footer

Please see Section 2.3.2.

2.3.4 Other pages

The rest of the pages, also called “inside pages”, can be categorised into “static content” pages and “dynamic content” pages. A static content page usually contains information that is not altered frequently. Some examples for the BUILDSPACE website are the: Concept, Objectives, Consortium and Advisory Board. On the other hand, dynamic pages contain information that changes frequently, such as the News & Events, Synergies, Scientific Publications and Conferences.

An example of a static page is shown in **Figure 13** below.

Advisory Board



Prof. Diego González Aguilera graduated at Salamanca University (Spain) in Surveying Engineering (1999) and Geodesy and Cartography Engineering (2001), he stayed as research assistant at INRIA Grenoble (France) in the Institute of Computer Vision and Robotics, where he also performed his PhD on "3d reconstruction from a single view" in 2005. Based on his thesis's results, he obtained six international awards of the International Societies of Photogrammetry and Remote Sensing (ISPRS/ASPRS). He has authored more than 150 research articles in international journals and conference proceedings. He is Full Professor at the University of Salamanca in the field of photogrammetry, geodetic and cartographic engineering. Actually, he is member of the ISPRS, where he is serving as Co-Chair of the Working Group on "Data Acquisition and Processing in Cultural Heritage" and regularly as program committee member of conferences and reviewer for related journals. In 2015, the contribution of his works to the progress of knowledge was recognized by the Royal Academy of Engineering with the Royal Academy of Engineering Award "Juan Lopez de Peñalver". Research lines: Close range photogrammetry, Computer vision, Laser scanning applied to engineering and architecture



Prof. George A. Tsihrintzis received the Diploma of Electrical Engineering from the National Technical University of Athens, Greece (with honors) and the M.Sc. and Ph.D. degrees in Electrical and Computer Engineering from Northeastern University, Boston, Massachusetts, USA. He is currently a Professor in The University of Piraeus, Greece and, during 2016-2020, he served as Head of its Department of Informatics. From 2008 to 2022, he served as the Director of the Graduate Program of Study in "Advanced Computing and Informatics Systems" of the Department. During the period 2016-2020, he was a Member of the first Administration Council of the University of Piraeus. Currently, he is serving again as a Member of the Administration Council of the University of Piraeus for a four-year term (2022-2026). His current research interests include Artificial and Computational Intelligence, Machine Learning, Pattern Recognition, Decision Theory, and Statistical Signal Processing and their applications in Internet-of-Things Technologies, Multimedia Interactive Services, User Modeling, Knowledge-based Software Systems, Human-Computer Interaction and Information Retrieval. He has authored or co-authored over 350 research publications in these areas, which have appeared in international journals, book chapters, and conference proceedings. He has served as the principal investigator or co-investigator in several R&D projects. He is the editor-in-chief of the Intelligent Decision Technologies Journal (IOS Press). During 2012-2022, he was the editor-in-chief of the International Journal of Computational Intelligence Studies (Inderscience). He has been the editor-in-chief of the Engineering Section of SpringerPlus. He is the founder and editor-in-chief of the Learning and Analytics in Intelligent Systems book series (Springer 2019-) and the Artificial Intelligence-Enhanced Software and Systems Engineering book series (Springer 2022-). He is a co-founder and co-chair of the Information, Intelligence, Systems and Applications (IISA) conference series. He has authored 6 monographs. He has edited 35 books and 16 special issues in various international journals. He has organized and chaired 40 international conferences. He has received best paper awards from several international conferences and he has been a keynote speaker at several international conferences.



Prof. Alberto Meias is the Director of GIR Architecture & Energy, in which the HS3 Ventilation Laboratory of Universidad de Valladolid is integrated. This group is a national benchmark in the field of Indoor Air Quality (IAQ) in homes and residential ventilation. In this line, this research group developed the first version of the current DB HS3 Indoor Air Quality of the Technical Building Code, which constituted the standard that regulated for the first time ventilation in Spanish dwellings.

The research field of his specialisation focuses on the evaluation of ventilation efficiency of flow patterns and uncontrolled airflows through leakages. Both phenomena are related to pollutant spread in living spaces and the implementation of strategies for their safe dilution by means of energy-efficient ventilation systems, maintaining users comfort. The constant funding obtained through several research projects and agreements with public and private entities has enabled a stable and consolidated structure in HS3 Ventilation Laboratory. Currently, it integrates 6 PhD architects focused on research and two predoctoral researchers.

Specialized work has also allowed the establishment of a stable collaboration network with other international research groups, endorsed by joint work, which resulted in the exchange of researchers and scientific papers. Last year, Prof. Meias was elected Head of the Department of Architectural Constructions, which is made up of related areas of the Technical School of Architecture and the School of Industrial Engineering of the Universidad de Valladolid.

His research work also includes the specialized collaboration in 20 research projects with public entities and private companies, and the registration as author of two patents. In the educational field, he is responsible for the area of "Conditioning and Systems in Buildings and the Urban Environment" of the Technical School of Architecture of Valladolid. Under his supervision, three doctoral theses have been defended in the field of air quality and ventilation.

Finally, it is worth adding some objective indicators of the quality of his scientific production:

- 2 recognised six-year research periods (2008-2019)
- h-index = 11
- Citations = 307
- 33 papers JCR (Q1,Q2,Q3,Q4)
- 2 scientific book
- 7 national conference paper

Figure 13. The Advisory Board "Static" page

An example of a dynamic page is shown in **Figure 14** below.

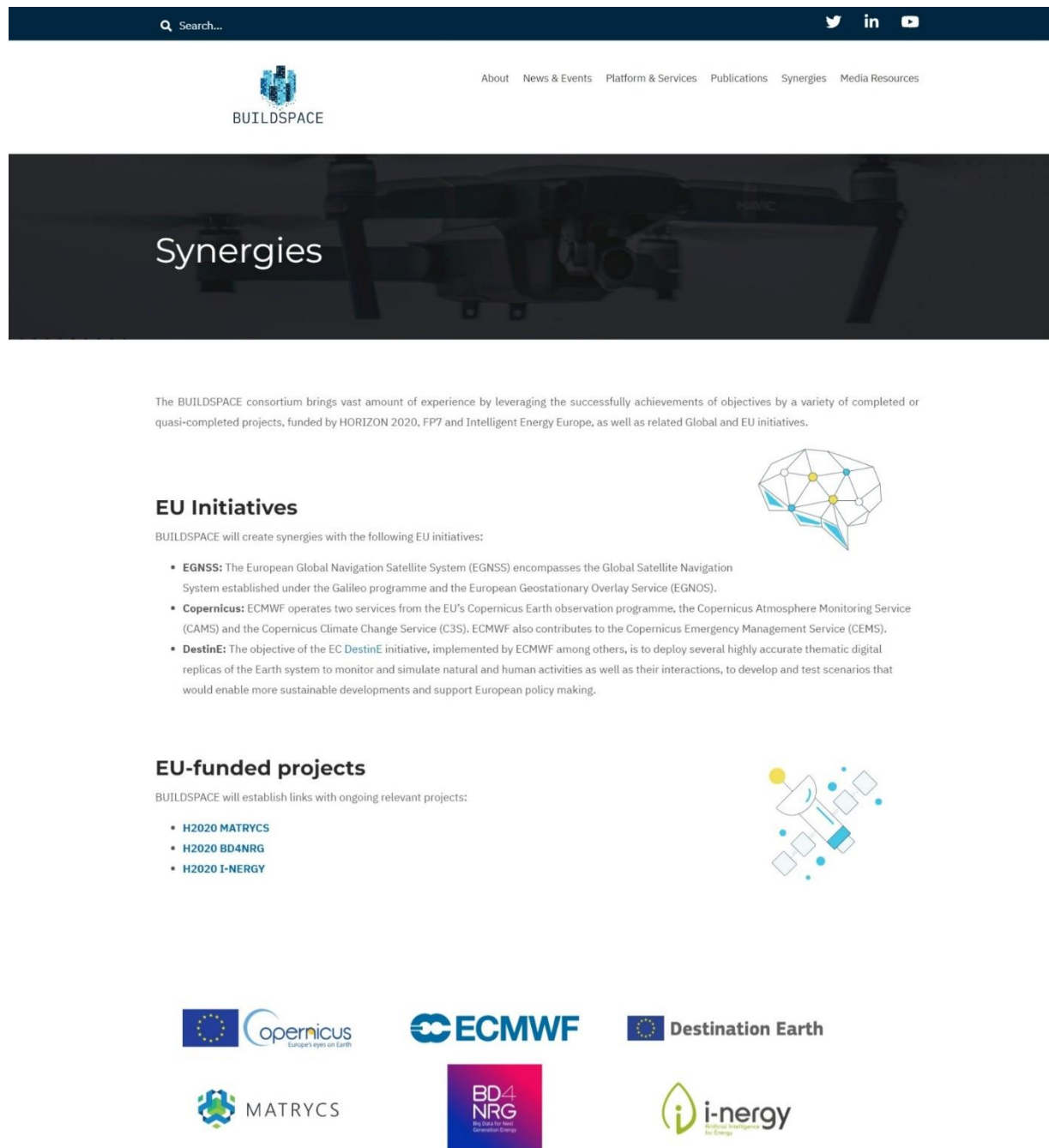


Figure 14. The Synergies “Dynamic” page

3 Conclusion

BUILDSPACE project is in the beginning of its journey. As it evolves, the website will be continuously improved and updated with news and events, scientific publications and project deliverables. In that way, the general public and more targeted audiences will be able to follow the progress of the project, while also having access to its results constantly, allowing in that way their strong and constant engagement.



Contact

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