



SUustainable solutions for affordable REtroFIT of domestic buildings

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Abbreviations

DPM	Data Management Plan
DOC	Document file format
XLXS	Microsoft Excel Open XML Format Spreadsheet file
PDF	Portable Document Format File
MPEG	Moving Picture Experts Group
AVI	Audio Video Interleave
WMV	Windows Media Video
MP3	Audio File Format



Publishable summary

This Deliverable, D9.9 Communication Activity Reports, provides a comprehensive overview of the SUREFIT project's dissemination strategy, detailing the activities undertaken, their exposure, and overall impact.

Throughout the project, the SUREFIT Dissemination Strategy was continuously updated to ensure effective communication and engagement with key stakeholders, including industry professionals, policymakers, researchers, and the general public. A combination of targeted dissemination tools and platforms was utilized to maximize outreach and awareness.

The dissemination activities conducted included:

- **Webinars and Demonstration Events:** The project organized multiple virtual and in-person demonstration events across partner countries, showcasing SUREFIT's innovative retrofitting technologies. These sessions provided valuable knowledge-sharing opportunities, engaging a broad audience in discussions on sustainable building renovations.
- **Scientific Publications:** Partners actively contributed to peer-reviewed journals and conferences, ensuring that the project's research findings reached both academic and professional communities. These publications enhanced SUREFIT's credibility and positioned it within the global discourse on energy-efficient retrofitting.
- **Participation in Industry Events and Policy Workshops:** The consortium played a key role in high-profile events, including policy workshops and exhibitions, engaging policymakers and industry stakeholders in discussions about integrating SUREFIT solutions into market and regulatory frameworks. These events significantly contributed to the project's visibility and policy influence.
- **Social media and Online Engagement:** A strong digital presence was maintained through regular updates on social media platforms, amplifying the project's impact and attracting a wider audience. These organic campaigns successfully highlighted project milestones, demonstration activities, and stakeholder participation, fostering engagement and increasing awareness.
- **Press Releases and News Coverage:** The project's advancements were communicated to the broader public through media articles, TV interviews, Radio Interviews, and blog posts published on relevant platforms. By translating technical innovations into accessible content, these publications helped bridge the gap between research and real-world applications.
- **Development of Training Materials and Educational Integration:** The dissemination efforts extended to academia, with training materials integrated into university curricula. This initiative ensured long-term impact by equipping future professionals with expertise in energy-efficient retrofitting technologies.

Overall Impact

Through these activities, the SUREFIT project successfully engaged thousands of stakeholders across multiple sectors, contributing to increased awareness, knowledge sharing, and potential market adoption of its solutions. By strategically engaging diverse audiences, maximizing visibility through publications and events, and fostering collaborations, the project has laid a strong foundation for the adoption of innovative energy-efficient technologies in the building sector. The knowledge and insights generated through these efforts will continue to influence future research, policy, and industry practices, reinforcing SUREFIT's lasting impact on sustainable building renovations.



Introduction

Dissemination plays a crucial role in the success of European Union-funded projects, ensuring that research findings, innovations, and technological advancements reach the widest possible audience. In projects like SUREFIT, dissemination is not just a reporting requirement but a key mechanism for maximizing impact, fostering collaboration, and driving real-world adoption of innovative solutions. By effectively communicating results to stakeholders—including policymakers, industry professionals, researchers, and the general public—EU projects contribute to knowledge transfer, policy development, and market uptake of new technologies.

For Horizon 2020 projects, dissemination is particularly vital in bridging the gap between research and implementation. It enhances the visibility of project outcomes, encourages stakeholder engagement, and supports the EU's broader sustainability and climate goals. Well-structured dissemination strategies ensure that innovative solutions do not remain confined within research institutions but are actively shared, discussed, and integrated into practical applications. This is especially relevant in sectors such as energy-efficient building renovation, where widespread adoption of new technologies can significantly contribute to climate action targets.

The SUREFIT project has demonstrated a strong commitment to dissemination through a diverse range of activities, including webinars, demonstration events, scientific publications, industry collaborations, social media campaigns, and policy workshops. These efforts have ensured that its innovative retrofitting technologies are well-communicated and accessible to stakeholders across different sectors. By engaging with professionals, academics, and the public, SUREFIT has contributed to raising awareness, increasing knowledge sharing, and laying the foundation for real-world implementation of its solutions.

In this report, an overview of SUREFIT's dissemination activities is presented, highlighting their reach, effectiveness, and long-term impact in advancing sustainable building renovation across Europe.

1 Dissemination

1.1 Obligation of Dissemination

As stated in Article 29: “*Dissemination of results, Open Access, Visibility of EU Funding*” of the Annotated Model Grant Agreement: V5.2 (Model Agreement, 2019) each beneficiary (unless it goes against their legitimate interests) 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. If a beneficiary intends not to protect its results, it may — under certain conditions (see Article 26.4.1) — need to formally notify the Commission before dissemination takes place.

In particular, it must:

(a) 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.

(b) ensure open access to the deposited publication — via the repository — at the latest:

- i. on publication, if an electronic version is available for free via the publisher, or
- ii. within six months of publication (twelve months for publications in the social sciences and humanities) in any other case.

(c) ensure open access — via the repository — to the bibliographic metadata that identify the deposited publication.

The bibliographic metadata must be in a standard format and must include all 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

2 Dissemination Strategy

The main goal of WP9 was to communicate all SUREFIT results and create awareness to the stakeholders. A specific and intense communication strategy was developed to make the greatest impact using different means and several touch points. All members participated and engaged in dissemination activities. All these activities were held under a common visual identity, with key scientific findings translated into simple word for the wide public.

The dissemination strategy consisted of the following steps:

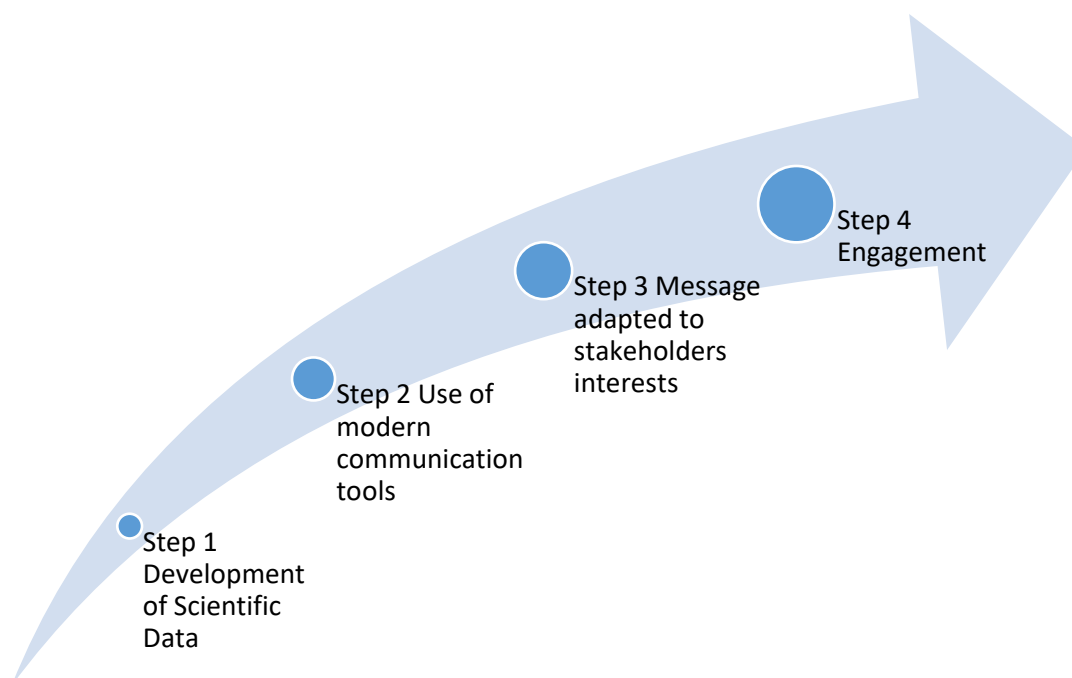


Figure 1 – Dissemination Strategy

Dissemination took place:

- a) Internally: dissemination of the results was made by publishing and circulating technical documents that were treated as confidential when any commercially sensitive information was included. Dissemination to the Commission was made by reports as outlined in the grant agreement.
- b) General dissemination to the industrial, academic, and public was made through public demonstrations, seminars and workshops, open days, publication in journals, conferences, exhibitions, website, newsletters, and media.



2.1 Target Group

A stakeholder is a person such as an employee, customer, or citizen who is involved with an organization, society, etc. and therefore has responsibilities towards it and an interest in its success (Dictionary Dambridge, 2021).

The targeted groups/personnel (stakeholders) for dissemination of the project results were:

- Professionals (engineers, academia, researchers, and students) in areas of energy, building design and construction, building materials, building services and manufacturing
- Local authorities & EU/national/regional public bodies (Câmara Municipal de Mafra endorsed the project with a letter of support)
- Policy makers working in energy and environment departments of local/national/EU governments
- Building product/construction companies and SME contractors
- Management members of the relevant industries
- Energy efficiency building associations (Enercoutim endorsed the project with a letter of support)
- Architects and relevant associations (AICCOPT endorsed the project with a letter of support)
- End users, owners, and users of residential buildings

2.2 Key Message

Overall, the research results derived from the project were classified as (1) technical items including design drawings, testing prototypes, validated simulation/optimization tool, and simulation/experimental results; (2) operational items such as the prototypes produced in factories and installed in buildings and field-trial results; and (3) socio-economic items including manufacturing/installation standards, economic and environmental assessment results, and building impact analytical tool/results.

The Key messages of all SUREFIT dissemination activities were adapted to each Stakeholder's viewpoint and will follow the 7 Cs of Communication:

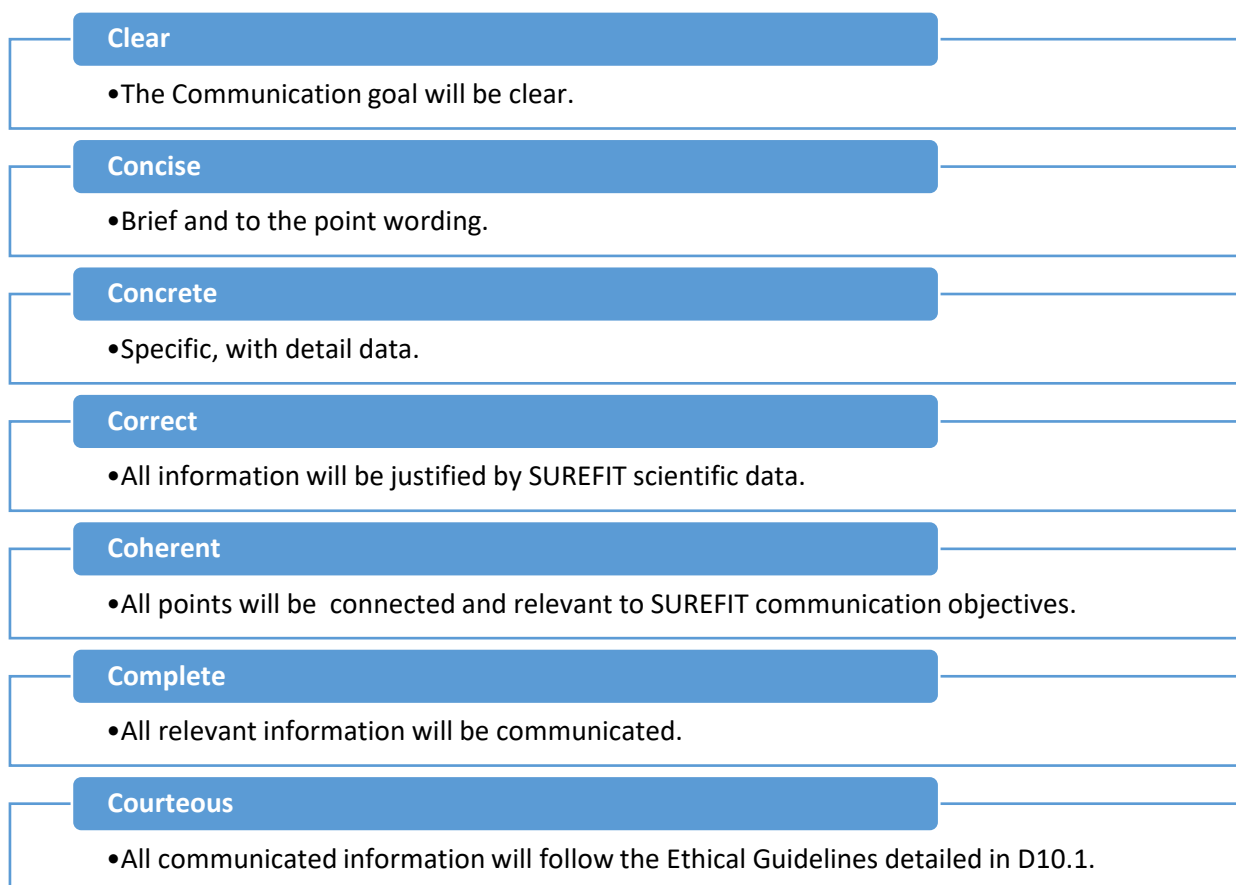


Figure 2 – 7 Cs of SUREFIT Communication

2.3 Means of Dissemination

The means of Dissemination used for communicating SUREFIT were based on the Grand Agreement:

- **Public demonstrations** (see section 7.3)
- **Workshops** (see section 7.2)
- **Paper publications** (see section 12)
- **Handbooks** (see section 8.3)
- **Conferences and Exhibitions** (see section 7.1)
- **Website** (see section 3.3)
- **Newsletters** (see section 5)
- **Project leaflets** (see section 3.4)
- **Social networks** (see section 4)
- **Media** (TV or newspaper) reporting (see section 6)

2.4 Methodology & Frameworks Used

Wilson performed a survey of conceptual dissemination frameworks from which three practical theories occurred: persuasive communication, diffusion of innovation and social marketing (Wilson, 2010).

- *Persuasive communication*, the most popular theoretical approach is based on the Communication-Persuasion Matrix (McGuire, 2012). The matrix describes the process of being persuaded; it consists of five input communication factors and twelve output persuasion steps. The five input factors, which have an impact on the success of the communication, are: source, channel, message, audience, and setting.
- *Diffusion of innovation* (Rogers, 2962) is the second most popular theory. According to Wilson diffusion of innovation “offers a theory of how, why, and at what rate practices or innovations spread through defined populations and social systems. The theory proposes that there are intrinsic characteristics of new ideas or innovations that determine their rate of adoption, and that actual uptake occurs over time via a five-phase innovation-decision process (knowledge, persuasion, decision, implementation, and confirmation). The included frameworks are focused on the knowledge and persuasion stages of the innovation-decision pro-cess”
- *Social marketing* (Kotler & Zaltman, 1971) represents an approach to planned social change, in which marketing concepts are applied to the problem of promoting social causes.

A **blend** of these frameworks was used throughout SUREFIT dissemination activities.

2.5 Commitment & Engagement of project partners

The success of the SURFIT project was built on the dedication and teamwork of all partners, who played an essential role in sharing the project’s vision, achievements, and impact with different audiences. Each partner took on key responsibilities to ensure the project’s results were effectively communicated as depicted (*Figure 3 – Partners’ Key Responsibilities*):

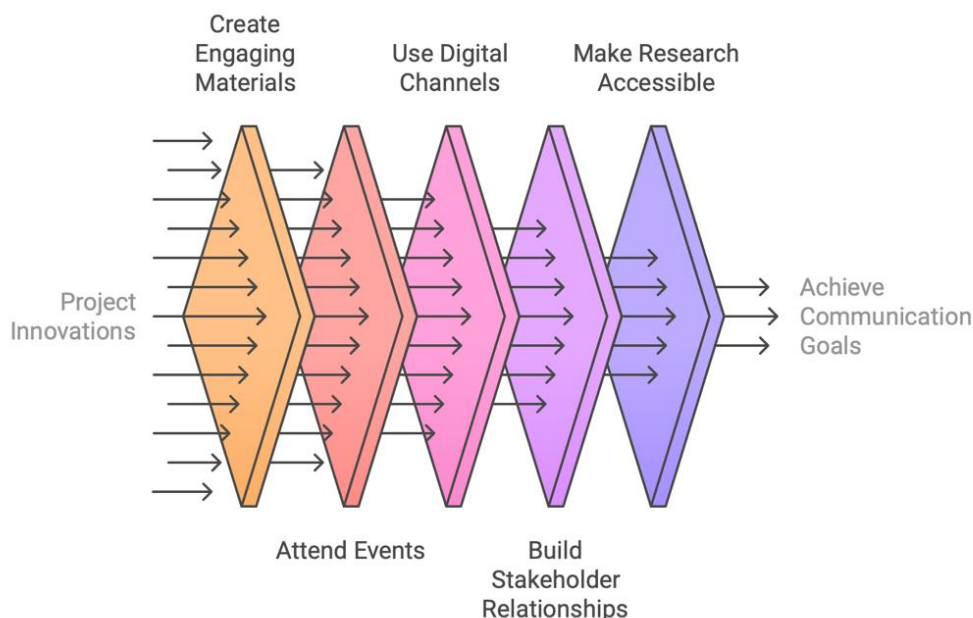


Figure 3 – Partners' Key Responsibilities

1. Creating Engaging Materials

The partners **collaborated** to develop clear and visually appealing materials, such as brochures, presentations, newsletters, and videos. These resources were tailored to make the project's innovations accessible to both technical experts and the general public.

2. Attending Events

Team members actively **represented** the project at various conferences, exhibitions, and workshops. They shared insights and progress updates with industry professionals, researchers, and policymakers, building strong connections within the community.

3. Using Digital Channels

Partners made full use of their websites, social media accounts, and email **newsletters to spread the word about SURFIT**.

4. Building Relationships with Stakeholders

The consortium worked hard **to connect** with key stakeholders, from industry leaders to policymakers and researchers. These relationships helped to open up opportunities for collaboration and adoption of the project's outcomes.



5. Making Research Accessible

Staying true to EU open-access principles, partners ensured that key research publications and data from the project **were made publicly available whenever possible**. This commitment helped to promote transparency and maximize the impact of SUREFIT's findings.

6. Tracking Progress

Partners regularly **documented their dissemination efforts** and shared updates with the project coordinator.

The dissemination of SUREFIT's results was a true team effort. Each partner brought unique expertise and networks to the table, allowing the project to reach a wide range of audiences. By working together, the consortium ensured that SUREFIT's impact would extend far beyond its initial goals.

2.6 KPI – Grant Agreement Requirements

Action	Summary	Section
Public demonstration: ten 1-day organised demonstrations will be made to schools, general public and business. Each demonstration will be intended to have an audience of 30 or more	Has been fulfilled with alterations	7.3
Public demonstration: A questionnaire will be used to obtain feedback from the audience on the value of the visit	Has been fulfilled with alterations	7.3
Demo: Survey of occupants' acceptance will be carried out at least 50 times	Has been fulfilled with alterations	D9.5
A) A commercial workshop, for the building industry stakeholder and building energy providers.	Done	7.2.4
b) A scientific workshop for the EU building research community.	Done	7.2.2
b) A scientific workshop for the EU building research community.	Done	7.2.3
c) A policy workshop for the EU building policy makers and standardization bodies.	Done	7.2.5
d) An exhibition to present results and products to industry, which will be part of the Europe wide large-scale exhibition (e.g., Ecobuild Event) with anticipated visitor number of over 5,000.	Done	7.2.6
Workshops – five stakeholders' workshops will be organised at the end of the project (month 48) by ISQ in collaboration with CJR, AMS, FSM, AALTO and UNOTT at five countries where participants will be involved with building retrofitting, to publicise the research achievements and demonstrate the operation of the renovated buildings to the policy makers, architects, building services engineers, renewable/sustainable energy system manufacturers, building industry and public. The expected number of attendees will be 100 each.	Has been fulfilled with alterations	7.2.1
Paper publications (at least 14 papers)	Done	12
Handbooks (D7.2)	Done	D7.2
Another brochure will be developed which will contain case studies resulting from all the demonstration buildings retrofitted.	Done	8.3.1
Conferences and Exhibitions (at least four international conferences)	Done	7.1



Website (The website will be linked to industry and research groups and forums to attract interest from the construction and sustainable energy community worldwide. The website will be regularly updated. All partners will provide links to it from their own websites and be permitted to access this website to update information and latest developments related to their works. eLearning materials based on the training material will also be uploaded to the platform.)	Done	3.3
Newsletter – A newsletter will be issued through the EU Energy and Building Administrative Office at month 30 of the project operation. This, as a free-charging brochure, will be delivered to over 10,000 professionals within the EU and worldwide.	Has been fulfilled with alterations	5.1
Project leaflets – Leaflets will be produced to publicise the project. The leaflets, each with the size of four pages, will be distributed in the planned events and also to public. It is expected that around 5,000 leaflets will be distributed over the project duration.	Done	3.4
Social networks – a variety of social media platforms (including YouTube, Facebook, Twitter and LinkedIn) will be used to publicise the project and results.	Done	4
In particular, videos illustrating various technologies produced and installed as part of the project will be advertised in such platforms.	Done	9
ISQ will organise a news report to be publicised in an EU media, e.g., TV or newspaper, at month 48 of the project, which is expected to reach over 500,000 non-professionals within the EU and worldwide.	Done	5.1
Training Materials.	Done	8.1
The academic personnel will use the materials to present lectures to over 100 undergraduate and postgraduate students at their various universities/institutes.	Has been fulfilled with alterations	8.2
Training sessions: For each pilot building site, a one-day training session will be organized at the start of the demonstration process. This training session composed of about 50 participants, will be split into two groups, one aims at technician, and another aimed at end users with about 50 participants for each pilot building site.	Has been fulfilled with alterations	8.3
Newsletter: A newsletter will be issued through the European Energy Efficient Building Association at end of the project. This, as a free-charging brochure, will be delivered to over 10,000 professionals within the EU and worldwide.	Done	5.1
Media (TV or newspaper) reporting	Done	6



Governments/associations connection (EHPA, WSSET, European Energy Efficient Building Association, Renovate Europe, Solar Thermal Technology Platform, World Society for Sustainable Energy Technologies, European parliament)	Done	11
Clustering	Done	10

Table 1 SUREFIT Dissemination & Communication Activities Summary

3 Communication Identity

The need of the visual representation of SUREFIT project was essential to develop awareness and establish the identity of the research. During dissemination activities the SUREFIT Logo communicated professionalism and build trust. We used the Logo in every touch point with the target audience to create Brand Awareness & Brand Identity.

3.1 Logo

SUREFIT LOGO (*Figure 4 – SUREFIT Logo*) was originally designed by THE UNIVERSITY OF NOTTINGHAM in the early stages of the project and was converted (redesign) to high quality vector and image by AMS to define the project's identity. The Logo was intended to be used in any document: public, confidential, or classified and is coloured in a way that renewable energy and environment consciousness are represented (green and light blue). A straightforward font was selected to emphasize the need of clarity that the COVID-19 period required (back then) and the icon (a house with a flower) communicates the core target of the program: residential buildings and environment.

SUREFIT logo was used in the following cases:

- In all documents created and distributed under the framework of the SUREFIT project
- In PowerPoint Presentations
- In all dissemination activities
- In all promotional activities
- In all promo material
- In the project's online presence (website, social media etc)
- In all partners' websites (with a link to www.SUREFITproject.eu)



Figure 4 – SUREFIT Logo

3.2 Logo Manual

To maintain an identity and prevent wrong uses of the Logo, AMS established a Logo Manual to help all stakeholders position it correctly (*Figure 5 – SUREFIT Logo Manual*).

Logo and logo manual download:

[https://isqpt.sharepoint.com/:b:/r/sites/GRP_Grij_SUREFITProject_IDI2/Shared%20Documents/General%20\(all\)/SUREFIT_guidelines.pdf?csf=1&web=1&e=PT5yk](https://isqpt.sharepoint.com/:b:/r/sites/GRP_Grij_SUREFITProject_IDI2/Shared%20Documents/General%20(all)/SUREFIT_guidelines.pdf?csf=1&web=1&e=PT5yk)



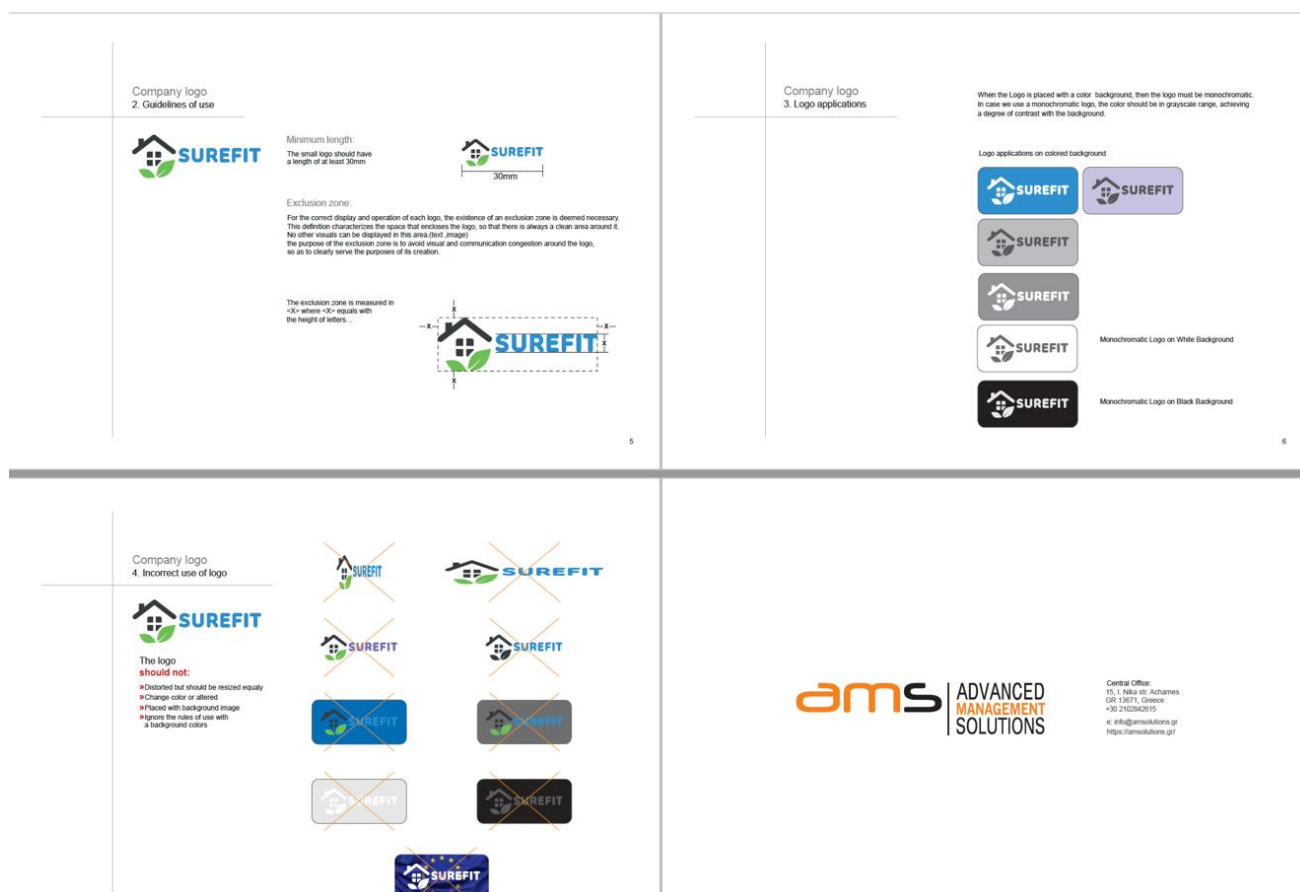


Figure 5 – SUREFIT Logo Manual

3.2.1 EU Funding Mention

SUREFIT project, funded by the European Union under the Horizon 2020 research and innovation programme (Grant Agreement No. 894511), was a cornerstone of European collaboration and progress. As part of our commitment to transparency and acknowledgment, we consistently include the phrase, *“This project has received funding from the European Union’s Horizon 2020 research and innovation programme under Grant Agreement No. 894511,”* in all project-related materials, publications, and presentations.

This recognition underscores the pivotal role of EU support in driving innovation and fostering meaningful impacts. Furthermore, we proudly display the European Union flag alongside this acknowledgment, signifying the project’s alignment with EU values and its contribution to shared advancements for the betterment of society.



Figure 6 – European Union Flag

3.3 Website

The main objective achieved by the design of www.SUREFITproject.eu was to provide data to external and internal audiences, as an essential tool for disseminating the project and its key findings. The website was created based on the Five Ws rule that the ancient Greek rhetorician Hermagoras of Temnos first mentioned⁶ (Figure 7 – Five Ws rule):

- Who: is participating?
- What: is the research methodology selected?
- When: is the project due?
- Where: will the demo sites be developed?
- Why: are we doing this research (objective of SUREFIT)?

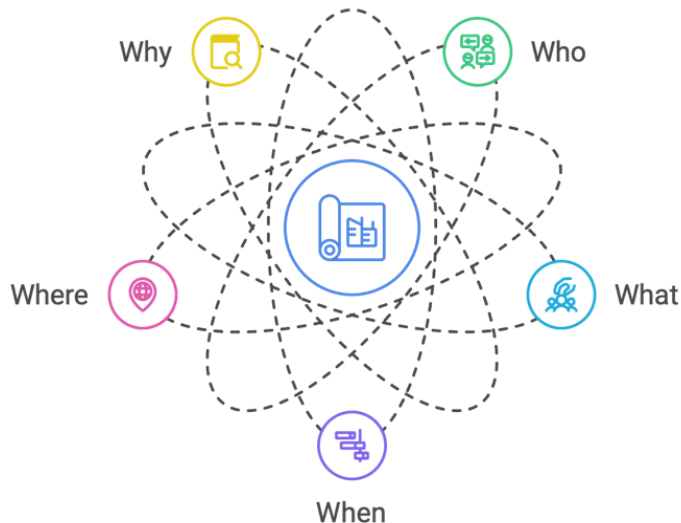


Figure 7 – Five Ws rule

The website contains the following information:



Figure 8 – Website Information

The project identifiers and EU funding are mentioned on every page of the website.

The above information is gathered in a concise Sitemap:

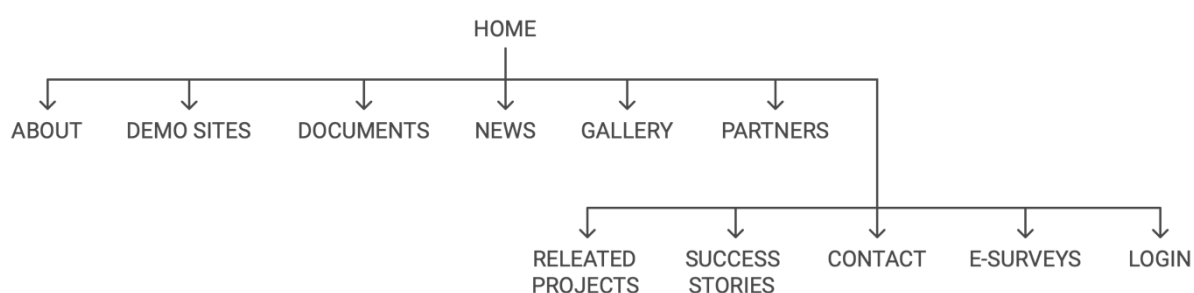


Figure 9 – Website Sitemap



ABOUT SUREFIT

SUREFIT will demonstrate fast-track renovation of existing domestic buildings by integrating innovative, cost-effective, and environmentally conscious prefabricated technologies. This is to reach the target of near zero energy through reducing heat losses through building envelope, and energy consumption by heating, cooling, ventilation and lighting, while increasing the share of renewable energy in buildings.

This will be achieved:

- through a systematic approach involving key stakeholders (building owners/users, manufacturers, products/services developers) in:
 - space heating
 - cooling
 - domestic hot water
 - lighting and power generation
- with a demonstration phase in 5 representative buildings in different European climates.

START 1 September 2020
END 28 February 2025



Horizon 2020
Call: H2020-LC-SC3-2019-2019-2020
(BUILDING A LOW-CARBON, CLIMATE RESILIENT FUTURE: SECURE, CLEAN AND EFFICIENT ENE)
Topic: LC-SC3-E-1-2019-2019-2020
Decarbonisation of the EU building stock: innovative approaches and affordable solutions changing the market for building renovation
Type of action: IA

ABOUT SUREFIT

The aim of SUREFIT is to demonstrate fast-track renovation (40% reduction in implementation time) of existing domestic buildings by integrating innovative, cost-effective, and environmentally conscious prefabricated technologies. The project is aimed to reach the target of near zero energy through reducing heat losses through the building envelope and energy consumption for heating, cooling, ventilation and lighting, while increasing the share of renewable energy in buildings. This will be achieved through a systematic approach involving key stakeholders (building owners and users, manufacturers, product and services developers) in space heating, cooling, domestic hot water, lighting and power generation, as well as a demonstration phase in five representative buildings in different climates.



- In summary, SUREFIT aims to achieve:
- 1) Reduction in primary energy use and carbon emission by 60%;
 - 2) Reduction of cost by 50%;
 - 3) Reduction of time for renovation by 40%.

OVERALL CONCEPT



Buildings represent about 40% of the EU energy consumption, and 30% of the total CO₂ emissions. A major part of these is due to heating and cooling, to maintain comfortable indoor conditions. The EU has committed to reach 30% of all energy demand through the use of renewable energy sources by 2020, and a further target of 30% by 2050 is already underway. Rational use of energy and integration of renewable energy technologies can substantially reduce the conventional energy demand in new and existing buildings and assist the EU in meeting the climate change objectives under the 2015 Paris Agreement. At present, about 30% of the EU's buildings are over 50 years old and almost 70% of the building stock is energy inefficient but only 3.5-4.2% of the building stock is renovated each year due to slow and costly renovation processes. Systemic approaches for building renovation could address the key challenges being the construction industry by increasing energy use and material waste, maximising the energy efficiency and the use of renewable energy sources for heating, cooling, power generation and lighting, and fast and affordable retrofitting through the use of prefabrication.

TECHNOLOGIES

SUREFIT will address technologies that include low-ambient panels and their integration with phase change materials (PCM), photovoltaic (PV) vacuum glazing windows, roof and window heat recovery devices, solar assisted heat pumps (SAHP) and ground source heat pump (GSHP), evaporative coolers, integrated solar thermal and photovoltaic systems and lighting devices. The technologies are to be manufactured by the industrial partners of the project consortium under three different European (Mediterranean, Atlantic and Nordic) climates to ensure their applicability in operation (Portugal, UK, Greece, Spain and Poland). These will be prefabricated for rapid retrofit with minimal disruption to occupants, ensuring high levels of occupant comfort indoor environmental quality as well as low risk of moisture-related problems/consumer oversteering.



LATEST NEWS

Workshop Business Invitation

Happy Holidays 2024

Oncontrol Dissemination

NEWS - DECEMBER 13, 2024

SUREFIT Webinar in Athens: Dem...

On Monday, January 13, 2025, the presentation of the Greek Pilot Building in Peristeri Athens, will take place with a live webinar in the context of the corresponding European.

NEWS - DECEMBER 16, 2024

Happy Holidays!

Happy holidays and a joyful 2025!

NEWS - DECEMBER 5, 2024

SUREFIT Project Dissemination...

Oncontrol, was invited to give a presentation on the SUREFIT project as part of the "Network and Digital Twin" course in the Management of Sustainable and Intelligent Cities degree.

SOCIAL MEDIA

80% SUREFIT - 2024

at Greek Demo Building

Dissemination Webinar by AMS

Monday, January 13, 2025 at 10:00 a.m. CET

Register now and join us!

#sustainablebuilding

#EnergyEfficiency

#SUREFITProject

#GreenFuture

https://www.surefit.eu/surefit-webinar-in-athens-demo-bui...

SUREFIT Project

at Greek Demo Building

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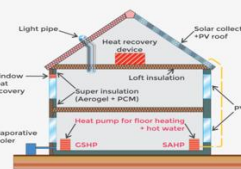
#sustainablebuilding

#EnergyEfficiency

#SUREFITProject

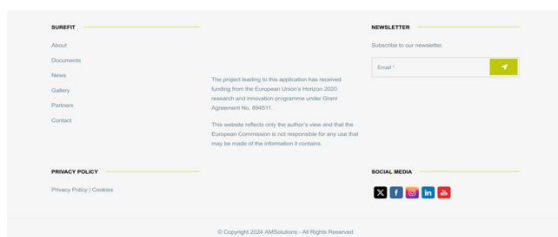
#GreenFuture

https://www.surefit.eu/surefit-webinar-in-athens-demo-bui...



PROJECT'S OBJECTIVES

- fast-track renovation of domestic buildings
- prefabricated technologies
- target on near zero energy buildings
- increase the share of renewable energy in buildings
- innovative technologies involving heating & cooling systems, hot water, lighting, power generation
- smart control systems
- demonstration in 5 buildings in different climates (temperate areas)
- development of guidelines and operational tools
- innovative business models



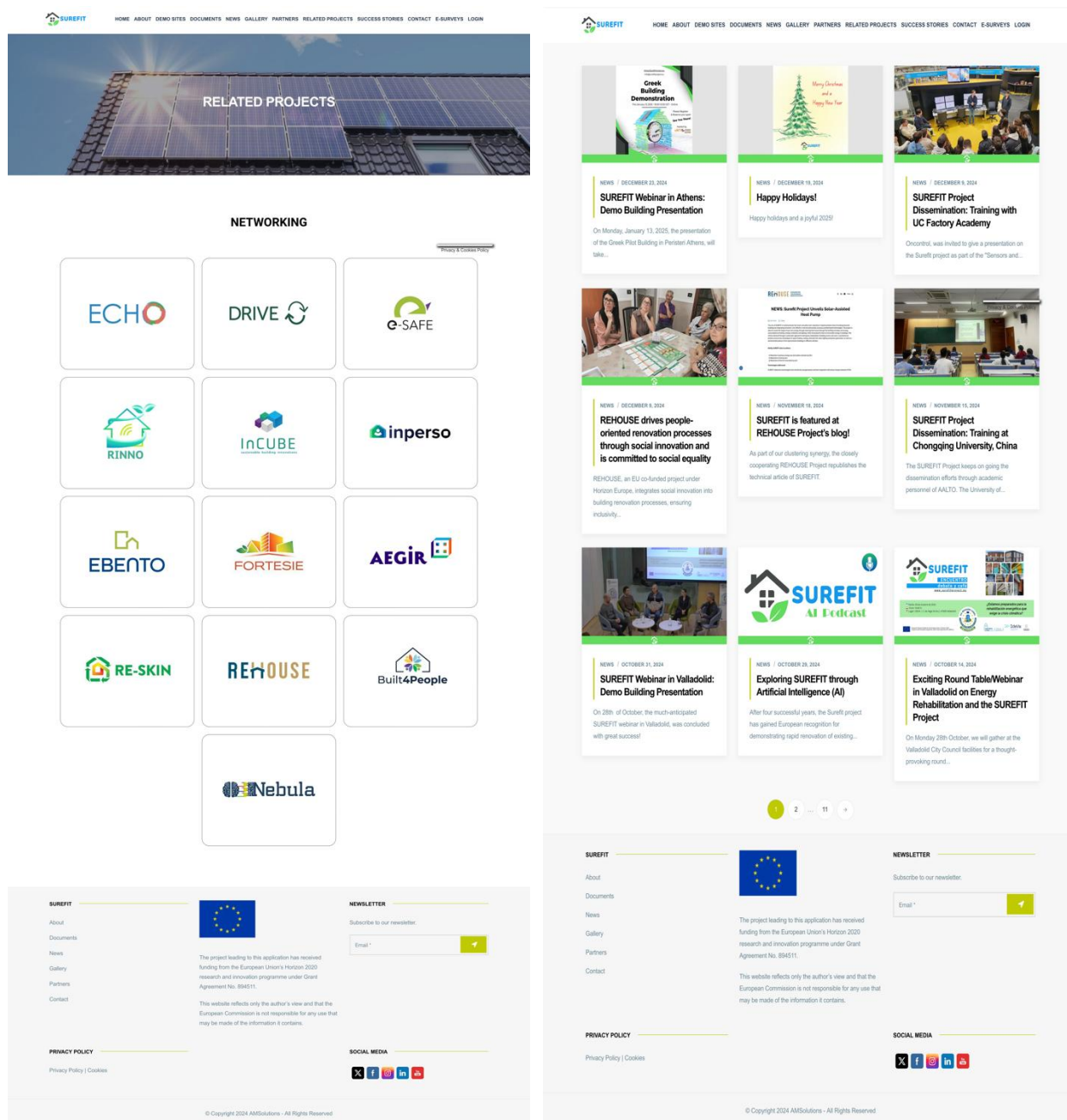


Figure 10 – Website Screenshots

3.3.1 Website Stats

Since the integration of **Google Analytics 4 (GA4)**, the SUREFIT project website has experienced exceptional engagement, reinforcing its impact in promoting sustainable building retrofitting solutions. The analytics data highlights strong audience growth, high engagement, and increasing global reach, demonstrating the effectiveness of the project's dissemination strategy.



The website has successfully attracted over **13,000 new users**, showcasing a consistent influx of visitors seeking insights on SUREFIT technologies, project updates, and research findings. Active users remain consistently high, indicating returning visitors and strong interest in the project's content. User engagement time per session stands **at 16 seconds per active user, highlighting that visitors are actively exploring key sections of the website.**

Traffic acquisition sources indicate diverse and organic user engagement, with nearly 6,500 visitors arriving through direct searches, followed closely by organic search (1,300 users) and social media platforms (799 users). These figures underscore the effectiveness of SUREFIT's online presence, on site SEO efforts, and social media outreach in increasing awareness and engagement.

Geographically, the website has garnered strong interest from key target countries, with Italy (1,500 users), the Netherlands (1,200 users), Spain (1,200 users), Greece (1,200 users), and Portugal (959 users) among the top audiences. This wide international reach confirms the project's relevance and the global interest in energy-efficient building renovation.

In terms of content, the most visited pages include the Home Page (14,000 views), News Section (1,300 views), About SUREFIT (660 views), Demo Sites (608 views), and Partners Page (467 views), reflecting visitors' keen interest in learning about the project's objectives, technological advancements, and collaborative efforts. Event tracking data reveals over 23,000 page views, 15,000 session starts, and 9,400 instances of user engagement, further demonstrating strong interaction with the website's content. Additionally, key engagement actions, such as file downloads (148) and click interactions (542), show that visitors are actively accessing project materials.

These outstanding analytics figures confirm that the SUREFIT website is a valuable and widely used platform for sharing knowledge, engaging stakeholders, and driving awareness about energy-efficient retrofitting solutions. The strong visitor retention and organic reach highlight the project's success in disseminating its findings and fostering collaboration across international audiences.

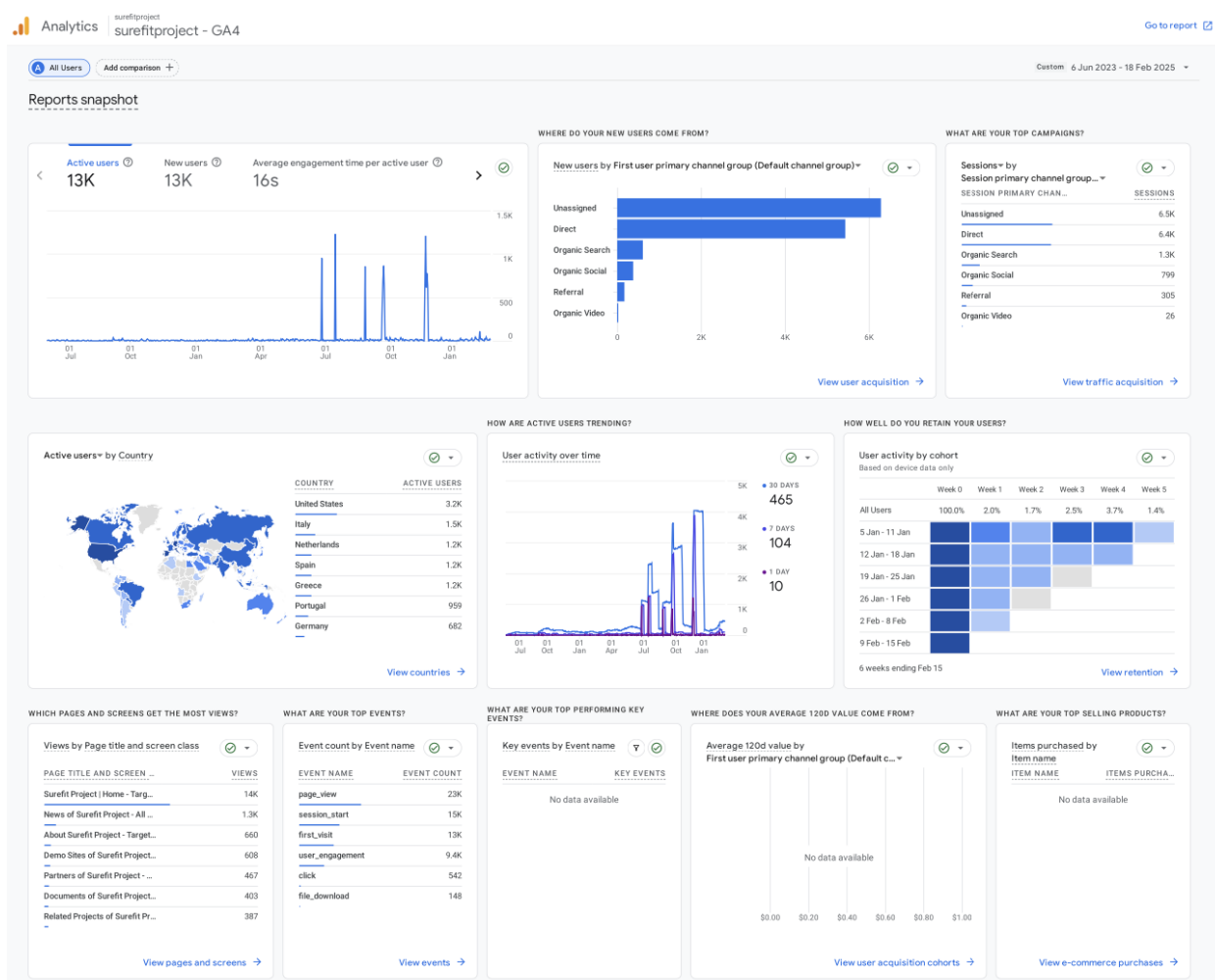


Figure 11 – Website Visitor Stats

3.4 Leaflets

AMS created promotional material to support all partners in their dissemination activities. These promotional materials consist of:

- **5 Project Awareness Leaflets** that were crucial communication tools designed to provide readers with a clear understanding of the SUREFIT project, its objectives, and its significance in advancing research. These five distinct leaflets served to cover different aspects of the project, ensuring that a wide range of audiences—stakeholders, researchers, industry professionals, and the general public—can engage with the project’s core mission and outcomes.

Version	Information Included	Format	Year	
No 1	SUREFIT project presentation	Bi-fold brochure	2021	<i>Figure 12 – SUREFIT Leaflet</i>
No 2	SUREFIT Demo Presentation	Bi-fold brochure	2022	<i>Figure 13 – SUREFIT Leaflet 2</i>
No 3	SUREFIT project updated	Bi-fold brochure	2023	<i>Figure 14 – SUREFIT Leaflet 3</i>
No 4	SUREFIT Technology Presentation	Trifold brochure	2024	<i>Figure 15 – SUREFIT Leaflet 4</i>
No 5	SUREFIT Technology Presentation	One page leaflet	2024	<i>Figure 16 – SUREFIT Leaflet 5</i>

Table 2 SUREFIT leaflet updates



Figure 12 – SUREFIT Leaflet 1

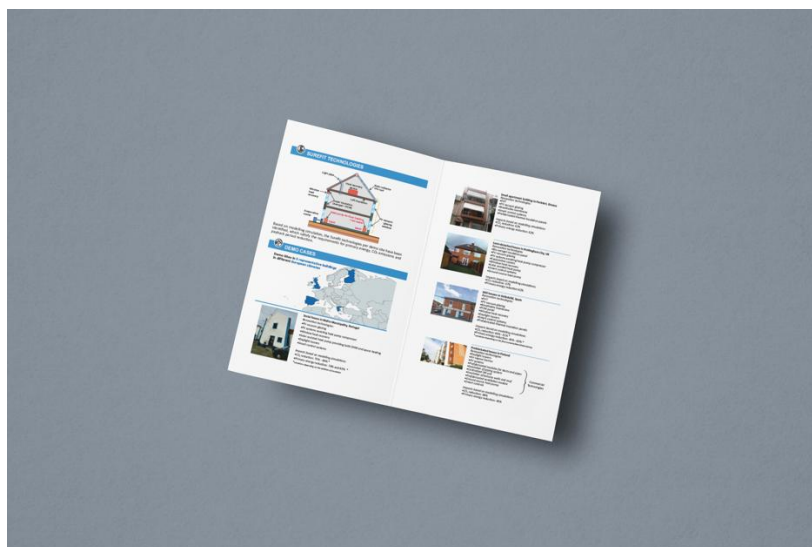


Figure 13 – SUREFIT Leaflet 2



Figure 14 – SUREFIT Leaflet 3



Figure 15 – SUREFIT Leaflet 4



Figure 16 – SUREFIT Leaflet 5

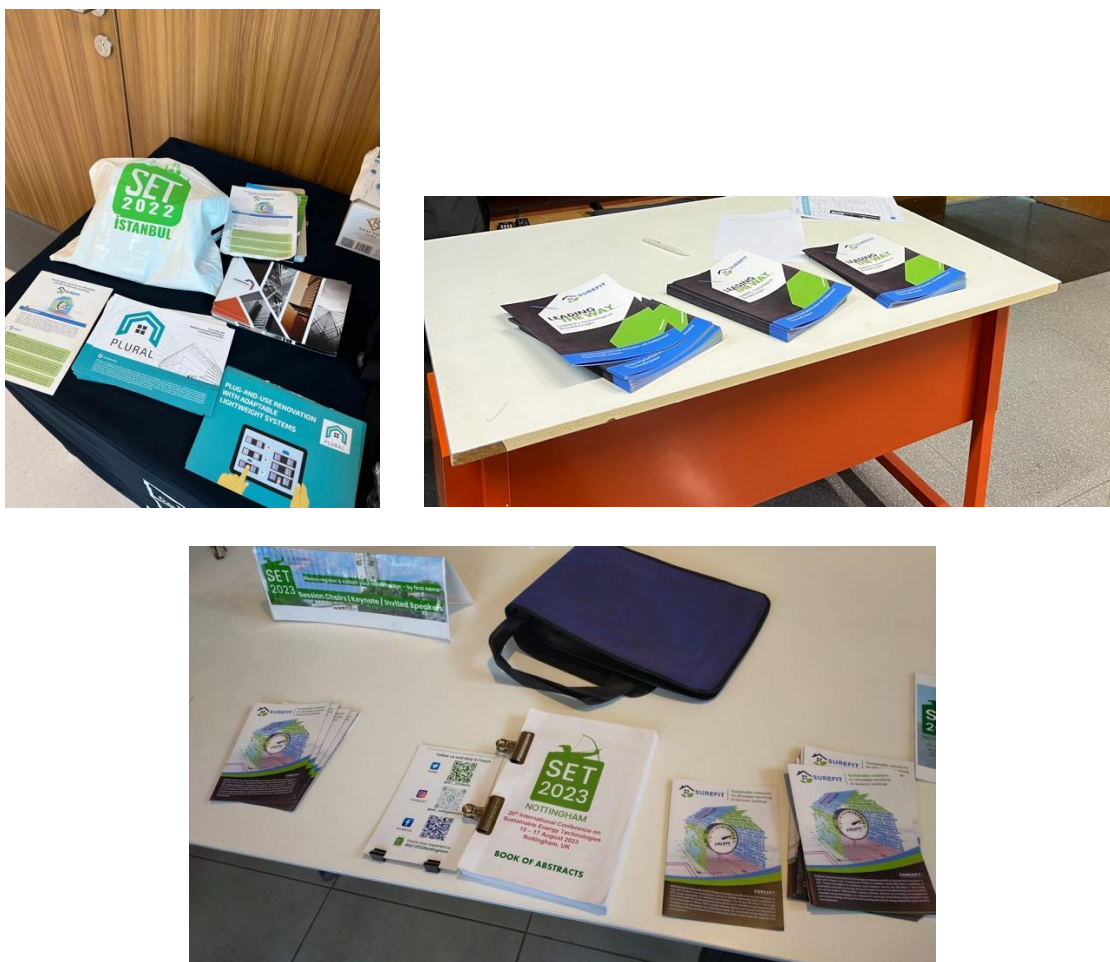


Figure 17 – SUREFIT Leaflet Distribution

- 2 Communication **Roll-Up Banners** (Figure 18 – SUREFIT Roll Up Banner) that were integral tools for increasing brand awareness and reinforcing the project's identity during professional engagements, such as workshops, conferences, and exhibitions. The roll-up banners, sized at 80cm x 200cm, were designed for portability and immediate visual impact. They prominently displayed the project logo, tagline, and key visual, ensuring that the project was easily recognizable even in crowded event spaces. The inclusion of high-quality imagery, infographics, and partner logos, along with the mandatory acknowledgment of EU funding and the Horizon 2020 branding, further strengthened its professional appeal.

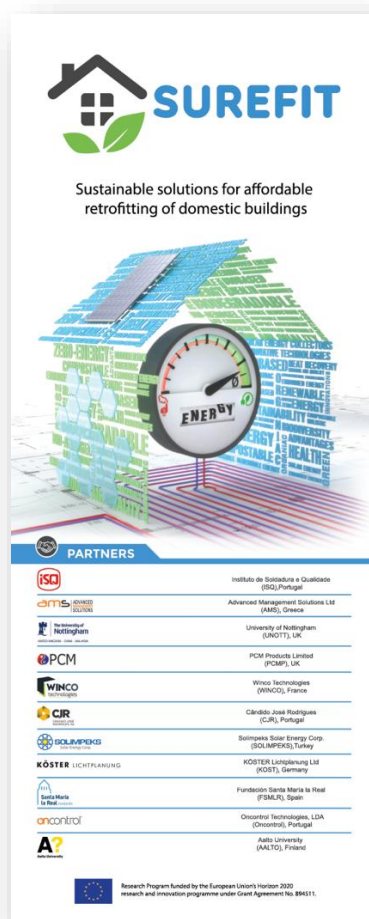


Figure 18 – SUREFIT Roll Up Banner





Figure 19 – SUREFIT Roll Up Banner Use

- Complementing the roll-up banner, the **A3 poster** (*Figure 20 – SUREFIT A3 Poster*) provides a more compact and versatile format, ideal for display on walls. It distills the banner's key elements into a concise yet visually engaging design, making it perfect for environments where a large banner may not be practical.



Figure 20 – SUREFIT A3 Poster

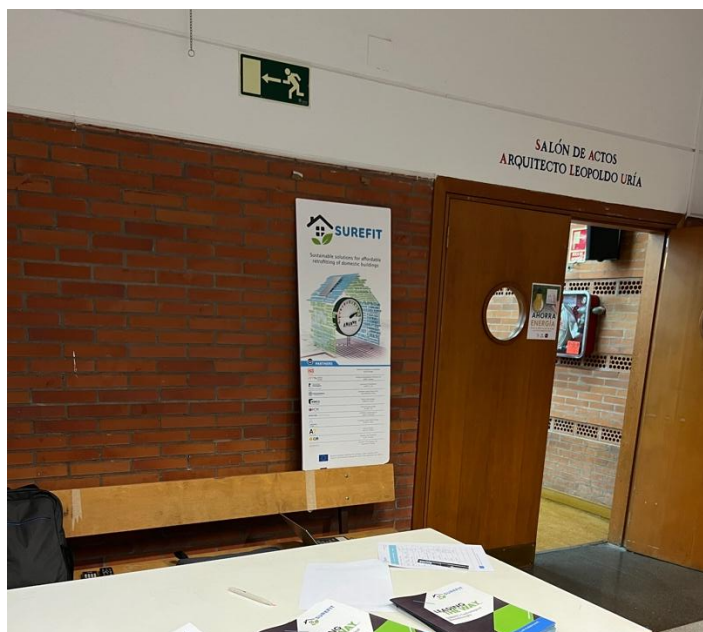


Figure 21 – SUREFIT Poster use

- **PowerPoint Presentation and Deliverable Templates** (for Internal & External use) to have communication and visual consistency (Figure 22 – SUREFIT PowerPoint Template).

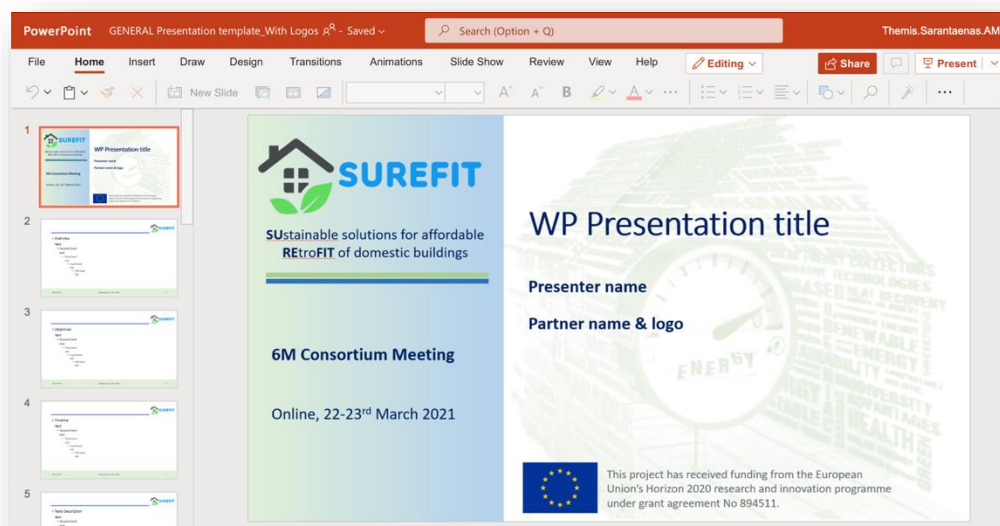


Figure 22 – SUREFIT PowerPoint Template

The promo material (in high and low definition) was available throughout the whole project duration at the project website: <https://SUREFITproject.eu/documents/>

3.4.1 Leaflets Stats

As part of the SUREFIT project's dissemination efforts, the project's leaflets were printed and distributed among project partners to enhance outreach and engagement. These leaflets provided a concise yet comprehensive overview of the project's objectives, innovative retrofitting technologies, and expected impact on energy efficiency and sustainability. By equipping partners with professionally designed materials, the project ensured a consistent and effective communication tool that could be shared at conferences, workshops, policy meetings, and stakeholder events. The distribution of these leaflets played a key role in raising awareness about SUREFIT's advancements and reinforcing its visibility among industry professionals, policymakers, and the broader community.

Leaflet printing report:

Month	Units Printed
July 2022	2,500
July 2023	500
May 2024	150
September 2024	5,000
Total	8,150

Table 3 SUREFIT leaflet units printed

4 Social Media

Social media accounts were developed in M1 and are updated regularly to communicate all SUREFIT project's activities.

“Social media allow you to reach an extremely wide — but also targeted — audience, maximising the impact and successful exploitation of your research results. Social media can be used for both communication and dissemination (both of which are mandatory for all Horizon 2020 projects).”
(Social media guide for EU funded R&I projects, 2020)

The available social media are **LinkedIn, Facebook, Instagram, YouTube and X** (Figures 9 – 13). In addition, live feeding is available from the “Home” tab of the project's website to show activity and provide visitors with updated information.

Three main hashtags—**#H2020EE, #sustainableenergy, and #SUREFITproject**—are used to help internet users easily find information about SUREFIT. However, additional hashtags may also be used.

Throughout the SUREFIT project, we actively leveraged social media platforms to increase awareness and engagement with diverse audiences. Regular posts highlighted key milestones, such as demonstration events, webinars, and technological advancements, ensuring the project's progress was consistently shared with stakeholders and the public. By combining impactful visuals, concise updates, and links to resources, we effectively communicated the project's goals and achievements. Social media served as a vital tool for fostering dialogue, encouraging participation in events, and driving traffic to detailed content, such as articles, webinars, and reports. This proactive approach not only expanded the project's visibility but also reinforced its commitment to transparency and collaboration, ultimately inspiring a wider audience to support and adopt sustainable building practices.

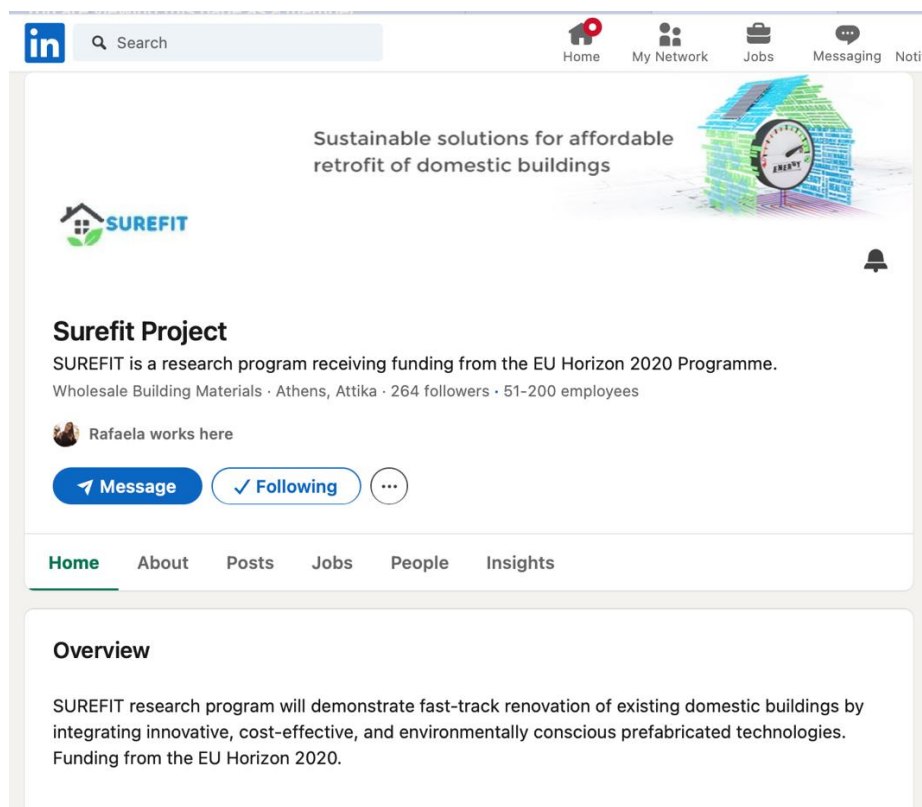


Figure 23 – SUREFIT LinkedIn

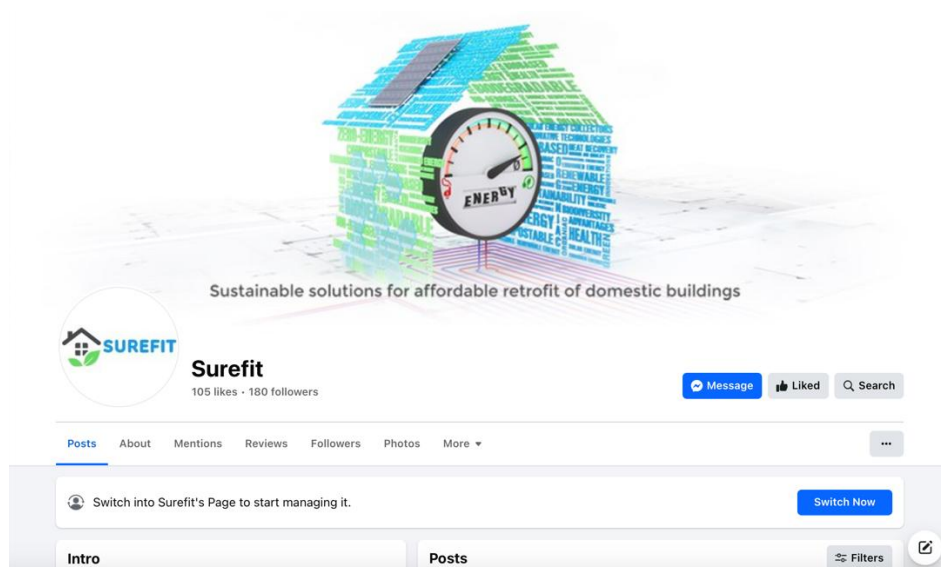


Figure 24 – SUREFIT Facebook

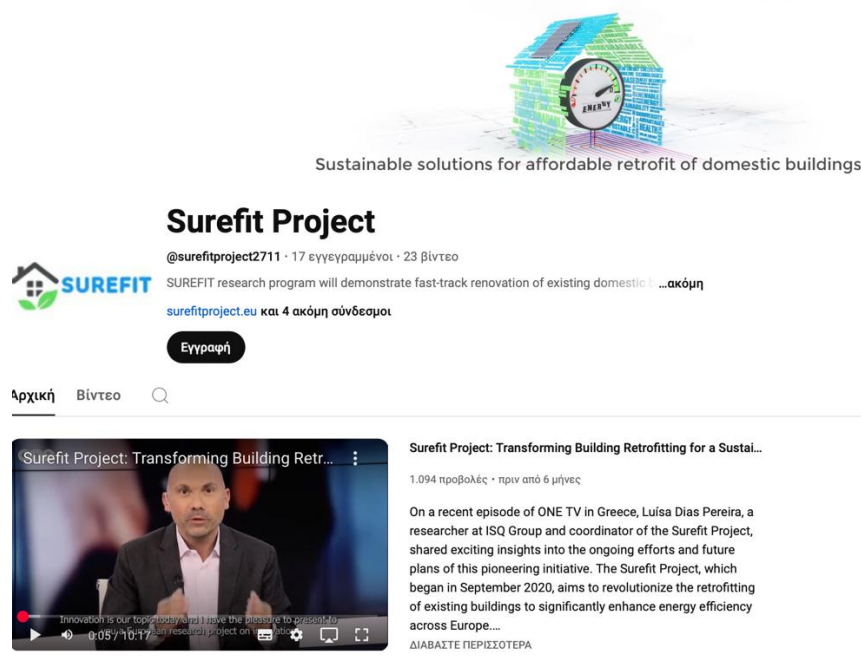


Figure 25 – SUREFIT YouTube

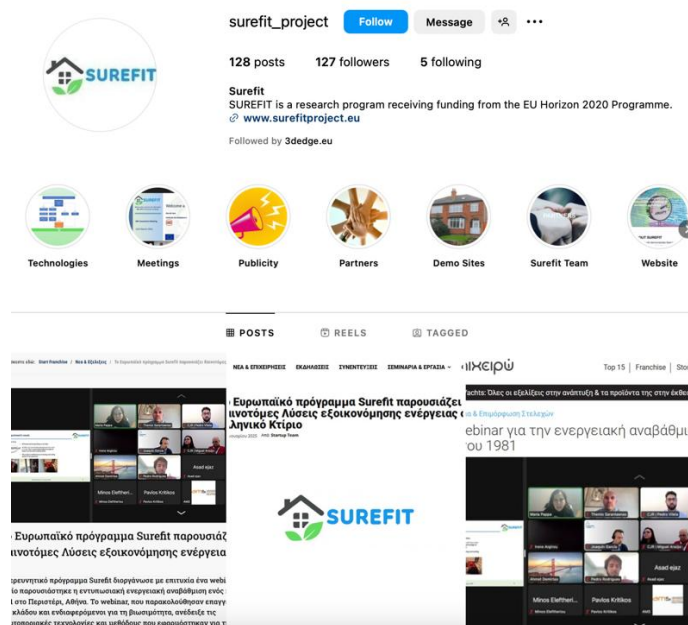


Figure 26 – SUREFIT Instagram



Figure 27 – SUREFIT Twitter

4.1 Facebook Stats

No	Title	Date	URL	Likes
131	Policy Workshop: Public Policies to Boost Energy Renewal of Buildings - surefitproject	1/23/2025	https://www.facebook.com/permalink.php?story_fbid=pfbid088kXAXmn4PPXQNsoSFswo5ys5mMhg5jBrDJdvfJwPXnsPwn3ThaPPd7djKAm2SMI&id=100063149025734	12
130	ISQ Team Publishes Paper on Building Renovation Challenges and SUREFIT Solutions - surefitproject	1/23/2025	https://www.facebook.com/permalink.php?story_fbid=pfbid034o1Z8Z5GGSPGUBVSYafphNEeiTGST94wTzgBzG9CZUAFg6TbPDP9sFHx3wHfjLigl&id=100063149025734	12
129	SUREFIT Greek Demo Webinar Highlighted on Cultura y Patrimonio - surefitproject	1/23/2025	https://www.facebook.com/permalink.php?story_fbid=pfbid0ea8eCf4d9nYCs7ddWsfbH7tWGF4nrC2EEedTCNjSqBje2yzx5WfvY9bvVHHtgLgEbl&id=100063149025734	12
128	The Vital Role of Training in the SUREFIT Project - surefitproject	1/23/2025	https://www.facebook.com/permalink.php?story_fbid=pfbid06UeTjRFCw8vMqpdTk1yzYsh9gbtoHbKpz4Hq415yhUNxvGVezCu69KbMtJwgJgsjl&id=100063149025734	12



127	Finnish Demonstrations Highlight SUREFIT's Impact - surefitproject	1/23/2025	https://www.facebook.com/permalink.php?story_fbid=pfbid0JS2DAA4K9iEo5bb3jTAEKHqdWb3YaWAZybKCyakkAQ831e61hEteRQk2vGR6FDVMI&id=100063149025734	12
126	Workshop de Políticas sobre Renovação Energética de Edifícios	1/16/2025	https://www.facebook.com/permalink.php?story_fbid=pfbid031RCMmAgMhZJZsJuNawSJeQMJiA5BWjiruGbpAa9V3JiBy1uQr6EKGBmaKohoz7ZVVI&id=100063149025734	17
125	Policy Workshop in Action	1/15/2025	https://www.facebook.com/permalink.php?story_fbid=915924850522474&id=100063149025734	21
124	Highlights from the Surefit Webinar – Greek Demo in Peristeri, Athens - surefitproject	1/14/2025	https://www.facebook.com/permalink.php?story_fbid=915234930591466&id=100063149025734	29
123	Discover the Future of Sustainable Construction: SUREFIT Webinar Recap (Portugal) - surefitproject	1/13/2025	https://www.facebook.com/permalink.php?story_fbid=914701923978100&id=100063149025734	28
122	Throwback to SET2024	1/13/2025	https://www.facebook.com/permalink.php?story_fbid=pfbid0o1ioKDYH31926HwrkvNmWHfU8Bw6AAJNQncnXEndVHuNNhCxDVDQXr3DYNZC45M1I&id=100063149025734	28



121	Stay Tuned	1/13/2025	https://www.facebook.com/permalink.php?story_fbid=pfbid02Mi3cLLkuF9gTtUs6RJ6ZNDxflFrnMrhDmmWCUM347gRP9ojJEJyWj4ia_bNHkCVel&id=100063149025734	28
120	Webinar Reminder	1/7/2025	https://www.facebook.com/permalink.php?story_fbid=pfbid09jabz2wK1oVaZJYoltQpJiHwfTxis1hLBhwHMC8cKcMDMeTSQbGRes83GJgJHZ3l&id=100063149025734	28
119	Deep Renovation: New Approaches to Transform the Renovation Market - surefitproject	1/7/2025	https://www.facebook.com/permalink.php?story_fbid=pfbid0EXC75DUQvkGwNry3kPZpSAV4WEKFhakUjA45P5ZsWwzC2yMreEB3YhA_pM5LK3f9Ql&id=100063149025734	29
118	SUREFIT Webinar in Athens: Demo Building Presentation - surefitproject	12/23/2024	https://www.facebook.com/permalink.php?story_fbid=pfbid0hFsDWtxLrAeehsrC7RUgBQ2LKsowu5EFuTXeAbh19x8w1FNuwV4KDv8FtTw3fwWal&id=100063149025734	30
117	Happy holidays and a joyful 2025	12/19/2024	https://www.facebook.com/permalink.php?story_fbid=pfbid02C7cvwkPBCWspCZ6fFRjiHhQot8gNvK2GtwaHxzBugxik5yZsSwL1Jjdt9oZAmX5hol&id=100063149025734	31



116	SUREFIT Project Dissemination: Training with UC Factory Academy - surefitproject	12/9/2024	https://www.facebook.com/permalink.php?story_fbid=pfbid02e5r42BKw7UPtEGBQsJ7wDJctQEnYcwMiZfFFbeRUi7BMRPUJtdNbS7fmRSdh4c2JI&id=100063149025734	28
115	REHOUSE drives people-oriented renovation processes through social innovation and is committed to social equality - surefitproject	12/9/2024	https://www.facebook.com/permalink.php?story_fbid=pfbid0quFSY7JZ9kQYP5hNqsBGsDebMctyrzDWWhh8Cs5fBLrr4qqjumUfKDedV9RUGqEZI&id=100063149025734	28
114	SUREFIT is featured at REHOUSE Project's blog! - surefitproject	11/18/2024	https://www.facebook.com/permalink.php?story_fbid=pfbid02HhyTsfwpTSgDERs8CXbyvoScAjm1VfyhnnvryFs5BX3t2ytfUTDuhUHAkeLgrEjl&id=100063149025734	41
113	SUREFIT Project Dissemination: Training at Chongqing University, China - surefitproject	11/18/2024	https://www.facebook.com/permalink.php?story_fbid=pfbid02YD7PfrZ6bhaxoXgYTggaVGUfNwkJF7fKAaByhq85JPXSeX8RVXc3TRmAEAHHQZthI&id=100063149025734	42
112	SUREFIT Webinar in Valladolid: Demo Building Presentation - surefitproject	10/31/2024	https://www.facebook.com/permalink.php?story_fbid=pfbid0adEBqs91HtQE8QmRcS6ZaBaVrffME3Q1qo9twxqz7MXxeX3iEHmWWnMFtpqb7aql&id=100063149025734	42



111	Exploring SUREFIT through Artificial Intelligence (AI) - surefitproject	10/29/2024	https://www.facebook.com/permalink.php?story_fbid=pfbid0kad2jNRTagnd61vGnzfyvWUo6129b6yjMhGDZM1ZEDgEaLbH4ykDuSNioJSEEEvsl&id=100063149025734	43
110	Exciting Round Table/Webinar in Valladolid on Energy Rehabilitation and the SUREFIT Project - surefitproject	10/14/2024	https://www.facebook.com/permalink.php?story_fbid=855330059915287&id=100063149025734	44
109	SOLIMPEKS' PV/T technology for SUREFIT on video! - surefitproject	10/14/2024	https://www.facebook.com/permalink.php?story_fbid=855186993262927&id=100063149025734	41
108	Revolutionizing Building Safety and Efficiency: The Game-Changing Skytech Pro XL Technology from the Surefit Project - surefitproject	10/7/2024	https://www.facebook.com/permalink.php?story_fbid=850087427106217&id=100063149025734	43
107	Surefit Showcases Innovations at HARFKO: Pioneering HVAC & R Solutions for a Sustainable Future - surefitproject	10/4/2024	https://www.facebook.com/permalink.php?story_fbid=pfbid02k3H4Pyuyhrv86RWNddFvbiSkkA2gqFSoemwNGNcmvQx3Kd1Aq3Vq8tF344c8guiTI&id=100063149025734	41



106	Public Demonstration Highlighted on Renueva Tu Energía: A Step Toward Energy Efficiency - surefitproject	10/2/2024	https://www.facebook.com/permalink.php?story_fbid=pfbid02dcKqZ78jAQhmxY9aUBQYUnSkQaZ3fRjKxPT2yfB91445E7i5VMVVcKHTqJWsyHUI&id=100063149025734	41
105	PCM's ThinICE technology for SUREFIT on video! - surefitproject	9/30/2024	https://www.facebook.com/permalink.php?story_fbid=pfbid034LUM7Jg2g8h4nrc3cB5wj9Z9Mw4DVf8vHFmc1SLdzzmMXg4fpsauuyj3ZmfxQiTdl&id=100063149025734	41
104	Tribuna Ávila Highlights 'Renew Your Energy' Project: Bringing Social Entities Closer to Energy Efficiency Solutions - surefitproject	9/27/2024	https://www.facebook.com/permalink.php?story_fbid=pfbid02q19yUDPttYBEcg1ANjNbTVxJjCH9ybWxgUGdjdHwNqVRkyQZUpK78xDhtgBMtVWPI&id=100063149025734	41
103	SUREFIT Project Demo Building Live Webinar by CJR - surefitproject	9/25/2024	https://www.facebook.com/permalink.php?story_fbid=pfbid0E2UDPuygmTUVsCptndQGJ6RyviYaSrfV5a2SGGwZ9TGd7CADR5uxxmQgWi5WtSAKI&id=100063149025734	42
102	SUREFIT Project Dissemination: Training at Harbin Institute of Technology, China - surefitproject	9/25/2024	https://www.facebook.com/permalink.php?story_fbid=pfbid0Yj2zbNcQZiiJgXbAL8Rhp74LsjicmF8WcUcN7seywT64smuJQAg8R5Ky9qA8Fe2zl&id=100063149025734	42



101	SUREFIT Project at SET 2024: Paving the Way for Sustainable Energy Solutions - surefitproject	9/25/2024	https://www.facebook.com/permalink.php?story_fbid=pfbid02bnHKR5eTsos1iUsTYeHoDETrU6L6yfB8qaW1kz9S7bwhhK2twNQhoJhhcTVDxX1xl&id=100063149025734	42
100	Sustainable Renovation Insights: Publication from Valladolid's Technical School of Architecture - surefitproject	8/1/2024	https://www.facebook.com/permalink.php?story_fbid=pfbid0vAW4eBfQpd2UcuseGqaRGACzBrZbX4rciYCCcxbJ2uXD2EQo7grqQ6gKiZwvVnR4l&id=100063149025734	42
99	Video Demonstration - Demo Building in Spain - surefitproject	7/22/2024	https://www.facebook.com/permalink.php?story_fbid=pfbid09SS8tDShG3GZp4mpush3VXkuK3kvgdYo5yK6pAXMHSPpDAJqgLkpLmPQj4iUXrBxl&id=100063149025734	43
98	Surefit Project: Transforming Building Retrofitting for a Sustainable Future - surefitproject	7/22/2024	https://www.facebook.com/permalink.php?story_fbid=pfbid02jNj6GSVXzSxeVWE37hq3UV1Y3JrMyhLYve8GJfo4r44MfDQmJu45zHW8SxeGqMq5l&id=100063149025734	45
97	Radio Interview in Vive Radio (Spain) - surefitproject	6/11/2024	https://www.facebook.com/permalink.php?story_fbid=pfbid035WcuR1GVpGmj686jhTijuHc4kPMHMD5jB1UmEA5iUAP6U5bZnEoLzT8ALjiRSB1l&id=100063149025734	54



96	Building a Path Towards Energy Efficiency: Insights from Surefit's Project Coordinator, Sérgio Tadeu - surefitproject	6/10/2024	https://www.facebook.com/permalink.php?story_fbid=pfbid0mMqQeWXFmRnuP8ynufM7wK6xam7PNqaCcdugEK78WGFEuV5jMkJ9GD1MyssZjWGbl&id=100063149025734	52
95	Clustering: SUREFIT was mentioned in Energy opportunities in Horizon Europe: Community Building on "Renewables & Efficient Buildings" - surefitproject	6/10/2024	https://www.facebook.com/permalink.php?story_fbid=pfbid0trpSvVzVd2QtQcihxVoQFQo75zNqXqrAt71fZuLX1kSuzyFgMWQmeQbhpqfocDUAL&id=100063149025734	51
94	SUREFIT Project Commercial Workshop - surefitproject	6/7/2024	https://www.facebook.com/permalink.php?story_fbid=pfbid0fB5c8kDc588wRQnm4XA9kNPJE4Pfg8vZtfuxF8drwFgE5X15DnYbgUWRbRbKn4Jbl&id=100063149025734	51
93	The SUREFIT Consortium meeting in Valladolid, Spain, was a huge success	5/30/2024	https://www.facebook.com/permalink.php?story_fbid=pfbid0tixPMueinBJ3MXRx1nKC4emQXnG3LSuiGoiQFjz2kiDuDtHgtVqLDY4NeWtueqql&id=100063149025734	53
92	Video: SUREFIT Seminar in Spain: Sustainable innovation and rehabilitation - surefitproject	5/28/2024	https://www.facebook.com/permalink.php?story_fbid=pfbid03Yc8hs87ToCMkv8THPkA2H434kjHyAEqkMoPo1V2vRN5NSsbkRdNhfbHyEg1xecbl&id=100063149025734	52



91	SUREFIT is featured in Calor y Frio portal! - surefitproject	5/15/2024	https://www.facebook.com/permalink.php?story_fbid=pfbid02LiPADLFu4eDtkTPTrWtdZabCjk52ExBdDS4xJotuNky1cgokUL3S24EyxCOhPUjcl&id=100063149025734	50
90	SUREFIT's seminar is featured in El Dia de Valladolid newspaper - surefitproject	5/10/2024	https://www.facebook.com/permalink.php?story_fbid=pfbid02dSPQHRp8quthzFUGBGRtZr4cSdgJpjW4ibzd3G7z1VP5jwTcWGdzCCfuM9Dmo3Vyl&id=100063149025734	49
89	SUREFIT Seminar in Spain: Sustainable innovation and rehabilitation - surefitproject	4/30/2024	https://www.facebook.com/permalink.php?story_fbid=pfbid031wfbZiQuiQivHPPu1rMHZakXJKwBsqu8cTtxsejeCWxNeLBhpuGaeAcwETniLAHl&id=100063149025734	50
88	Meet one of the stakeholders of the SUREFIT Project - surefitproject	4/9/2024	https://www.facebook.com/permalink.php?story_fbid=pfbid02P4Eurgndo1AQHK6ujCnkHwP5uFkzSNCWiDj6MSFC5Y3VgzkPGXc11SxxjUgfb1oFl&id=100063149025734	50
87	Participation at the REBUILD event - Congreso de Arquitectura Avanzada y Construcción 4.0 - surefitproject	3/20/2024	https://www.facebook.com/permalink.php?story_fbid=pfbid02aqnaqBg2TnjFoyRhFRfxWrpN2pokEGN7AgvaiTZe6mtSsFuKW7zoPjQ9GevTBFI&id=100063149025734	50



86	SUREFIT Project participated in the Kick-off Meeting: Network of building renovation project. - surefitproject	3/15/2024	https://www.facebook.com/permalink.php?story_fbid=pfbid0PQmmrmwKvQV1Jfi69muVgbHezkevijN5ip7ipdUe4z5MeYgbZ1fuREkGgDzcPNQ2l&id=100063149025734	49
85	SUREFIT project is indexed in the "European Technology and Innovation Platform on Renewable Heating and Cooling" - surefitproject	3/15/2024	https://www.facebook.com/permalink.php?story_fbid=pfbid02re4QZZu9UobwunK2rPbydcoKv7Dvt8XBHqFJ59puSg96ERVZq838SXUYHeW7Dp1wl&id=100063149025734	50
84	SUREFIT is featured in RINNO Project's blog! - surefitproject	3/11/2024	https://www.facebook.com/permalink.php?story_fbid=pfbid0Q4LjYVZoHJat4NnGSwbW8QGg1vyjy9KMtuaMwFiUG1aTTiibVjQ9cntATNU71ui4l&id=100063149025734	50
83	SUREFT technologies are presented in Greek Media - surefitproject	2/23/2024	https://www.facebook.com/permalink.php?story_fbid=pfbid0zzdE6nvEFT9k7YpCo2jGEXUSX7aDAkCZu8yGLPhwJq2s6teLoAbr7uhkrzmwVy5l&id=100063149025734	50
82	SUREFIT technology installation IN ACTION! - surefitproject	2/23/2024	https://www.facebook.com/permalink.php?story_fbid=pfbid0bZqHFCWKUZTz7hK14ckuhyXQ8sD4DZumw45ktJ1mzmMiCNQtLymsVW4BxzyppyGhl&id=100063149025734	50



81	Surefit is clustering with other European Projects - INPERSO	2/7/2024	https://www.facebook.com/permalink.php?story_fbid=pfbid02RRxKaFWSU84R26wj7pXzwPH5jS29GiVCu7wvKnU9F9PirZ1tN2rTge3vEiN1HWAhl&id=100063149025734	50
80	Surefit is clustering with other European Projects - REHOUSE	2/1/2024	https://www.facebook.com/permalink.php?story_fbid=pfbid02T37Mftf6Xh97ea22eYxxki3L8GkahqN3K9oTGBEaUi7woXHfiSGdhKwTcRZheNFPI&id=100063149025734	50
79	SUREFIT project is featured in EL DIA de Valladolid newspaper - surefitproject	1/17/2024	https://www.facebook.com/permalink.php?story_fbid=pfbid0SycitdQUFdhLi5F8PWLsVWFtoy8ETfSfShyvAphcDCYMUfKWhLPkJEjz2f8VSHg4I&id=100063149025734	50
78	Happy Holidays	12/22/2023	https://www.facebook.com/permalink.php?story_fbid=pfbid02j7DdufKYAS9TTiBY81bYFdN2mTozaxprF9emiqfEcyYS3ereGQr8PRqHp4sY3SZdl&id=100063149025734	50
77	SUREFIT is featured in December's issue of The RHC ETIP Newsletter - surefitproject	12/15/2023	https://www.facebook.com/permalink.php?story_fbid=pfbid0Mvw6yUiUDrvrbKgmaGr8wMJzHzxdoTq4dpqNMQQQmbxFHYWgQH59vxAhvv8bThd1I&id=100063149025734	50



76	SUREFIT project is featured in the European Technology and Innovation Platform on Renewable Heating and Cooling - surefitproject	12/5/2023	https://www.facebook.com/permalink.php?story_fbid=pfbid0QYdHgZ3Rj8HKk8U9tZWEAhwnswk5g5eHp9gBozP8F8a23sziD8aaZQ3Nr_oZYJ8qeI&id=100063149025734	50
75	We are delighted to relate to ECHO project, exchange ideas and know-how	12/1/2023	https://www.facebook.com/permalink.php?story_fbid=pfbid02x9HD4jMHGRCFFaUdTqyJ6JEKneWk3fFNSYw7rzf4jk5MFufRdFbiKiPrZP_QLMdGmI&id=100063149025734	50
74	SUREFIT was disseminated at WSSET Newsletter - surefitproject	11/3/2023	https://www.facebook.com/permalink.php?story_fbid=pfbid02Qi8JXPof4kkBbWntyMbDt8R8M1dRegQRci9awdtpNNWHPkh1kReTiX6_gDXtwMLPFI&id=100063149025734	50
73	A master thesis based on the SUREFIT project was chosen as one of the winning theses! - surefitproject	10/4/2023	https://www.facebook.com/permalink.php?story_fbid=pfbid0srq267sGVr23zY7jt8T3WDPE9Y1UhZ7mtCKjr1QnJb9KHtsSCeU3EkfuY9J_5aszI&id=100063149025734	50
72	B4P Clustering Meeting - surefitproject	9/29/2023	https://www.facebook.com/permalink.php?story_fbid=pfbid02aq2DiXkW7zZxrbL7e5QRYm8hjj7n59WyaCPVSzswGz2fMnhjUbeDyNa_2tF1wwg7I&id=100063149025734	50



71	SUREFIT lecture for the students at Aalto University - surefitproject	9/22/2023	https://www.facebook.com/permalink.php?story_fbid=pfbid02r318gWdVUW9yyctQC1QFaRWsZaGhyj5buXoBbmFGXUY6tX4VNCprC8tdft4wu7hTI&id=100063149025734	50
70	SUREFIT project was presented today at the scientific portal EDIFICIOS E ENERGIA	9/19/2023	https://www.facebook.com/permalink.php?story_fbid=pfbid0bh9ftn5Dg7itgkdpYFcchFNQH16PSvEjSCVYFMvKDEv7swtr4wPQYtmzipKrNeHI&id=100063149025734	50
69	SUREFIT project is presented in Ambiente Magazine - surefitproject	9/18/2023	https://www.facebook.com/permalink.php?story_fbid=pfbid02oj7PvoghTDX1WvXALTgyrvLs1dWF3iKYAmGLjNkvUw9wYeuffnDnqz5VUQZcK4T5I&id=100063149025734	49
68	SUREFIT project is getting media attention - surefitproject	9/15/2023	https://www.facebook.com/permalink.php?story_fbid=pfbid0nJf9P1m1yA4hjNrA5w2CereEsySjzPXst9kjoG7zGtz6tFW9mp4dg4H43gfjkgG1I&id=100063149025734	49
67	M36 Consortium Meeting in Finland - surefitproject	9/7/2023	https://www.facebook.com/permalink.php?story_fbid=pfbid022uN7hXroTQGg132qFBev9Nz2t5yoiM23sAVduUjP9jkkUgb1CVP77o9cUyMLMihzl&id=100063149025734	49



66	SUREFIT participated in International Conference on Sustainable Energy Technologies (SET) 2023 Conference - surefitproject	9/1/2023	https://www.facebook.com/permalink.php?story_fbid=pfbid02tFS7RcZMPxe2Y9pJgnw5bTTKYyny9y5pc36eUDYw6FQ79p8LKns424rU6Qhmdk6NI&id=100063149025734	49
65	SUREFIT participated at SuDBE2023 Conference - Finland - surefitproject	8/28/2023	https://www.facebook.com/permalink.php?story_fbid=pfbid02si6Dzgb8o8kpgqCihx1PnubWmZPFqHKC2F2Wzm1uRrhmxasxzmKdTWEUGTv6yl&id=100063149025734	49
64	An operational tool developed within the scope of the SUREFIT project was presented by ISQ	8/17/2023	https://www.facebook.com/permalink.php?story_fbid=pfbid0kdu4DT4hRtUk2wbF2iPm72bqRxRMGAg3WzGK4JXTMPSYjsPpUof4npDmJQdUMazl&id=100063149025734	48
63	Thanks for sharing	8/9/2023	https://www.facebook.com/permalink.php?story_fbid=pfbid0gCP4zo3EB7wraerJ58ers3uJ1vtwtjwcT24sp2BXctwqPnL3QJ641cjB15PnFzRAI&id=100063149025734	51
62	Athens calling	7/31/2023	https://www.facebook.com/permalink.php?story_fbid=pfbid029BoGgbmdaztJ8RSZTreGNFsJRfGFWJpwSXRjNTw8vuZtYJgBvaust4BD4CmB13sml&id=100063149025734	49



61	AALTO participated in REHVA Annual Meeting 2023 - surefitproject	7/27/2023	https://www.facebook.com/permalink.php?story_fbid=pfbid0amdwkhtkciG5XMnNXdv1UC4z6HZKRss6KVzEHNHN7p6fowJCTvzfXqnmByHP1fcu&id=100063149025734	48
60	SUREFIT is presented at REHVA student competition 2023 - surefitproject	5/9/2023	https://www.facebook.com/permalink.php?story_fbid=pfbid0SjXcWV3YVXquKvr2DaYcETEbcWhqPttYNK8LwvS6hgzgiscMiATQyCn1MLP1Fdfopl&id=100063149025734	49
59	M30 Consortium Meeting was a success! - surefitproject	4/3/2023	https://www.facebook.com/permalink.php?story_fbid=pfbid0KxUso5kfHp8DqbsR4qFnRrdiGMsW7P8G3hTHNxQXsH7zQPtMUrQhAbgAXead6wmtl&id=100063149025734	48
58	M30 Consortium Meeting in Athens - surefitproject	3/30/2023	https://www.facebook.com/permalink.php?story_fbid=pfbid02uBVXuwnwWK2f8RFoQp6trxp9ZjbHR42iSKq9ZeTKRdUtMVkxDGSF74y6STFWr4CI&id=100063149025734	48
57	A sneak peek of the 3D Prototype! - surefitproject	3/24/2023	https://www.facebook.com/permalink.php?story_fbid=pfbid02vZyVWVNbS8oDioLhENg6sZDVSr1saptuJZyvTPFs3NSLkwnztbxVunWSJXyh5P2GI&id=100063149025734	48



56	SUREFIT was presented by ISQ at FENGE - Feira de Engenharia de Coimbra - surefitproject	3/17/2023	https://www.facebook.com/permalink.php?story_fbid=pfbid02bkKJS4XAgCUXuRxQtyNaHL88kX9sM4d4ygRiTpoGTqdQmi8WB5fCwTLKLLkwcPLI&id=100063149025734	48
55	New Article Publication for SUREFIT - surefitproject	3/17/2023	https://www.facebook.com/permalink.php?story_fbid=pfbid02TxqoSqdK8E93V4aWtrSKAkLBBEWS54v58FnARBbKTS6fASUV1uBYt9orjZJWiPxVI&id=100063149025734	48
54	SUREFIT Technology Presentation - DayLight Technology - surefitproject	1/16/2023	https://www.facebook.com/permalink.php?story_fbid=pfbid02wxgnw599DPsgJfELf2BKj5xeHduvJzrgKkStCRaUQCtqW2RWiPBXSjEFMiXuRMgel&id=100063149025734	49
53	Surefit updated their cover photo	1/9/2023	https://www.facebook.com/permalink.php?story_fbid=874591520659858&id=100063149025734&substory_index=874591520659858	48
52	Surefit updated their cover photo	12/23/2022	https://www.facebook.com/permalink.php?story_fbid=875533960538275&id=100063149025734&substory_index=875533960538275	47



51	Happy Holidays	12/23/2022	https://www.facebook.com/permalink.php?story_fbid=pfbid042LzW7BmRqVNizxQEp6AzqkXBhchUmQP9YdzhQg4WnXY8V8JvbVhk5Jhzjqfx24Al&id=100063149025734	49
50	SUREFIT 1st Scientific Workshop was a success	12/19/2022	https://www.facebook.com/permalink.php?story_fbid=pfbid0F8MguErk2Lp7kceSKBRcpYUXbF18Huk3mVxktbFLJ8ic45MQWBPUk8hmi_e83gcP5l&id=100063149025734	48
49	Article in the German magazine "Bauphysik"	11/21/2022	https://www.facebook.com/permalink.php?story_fbid=pfbid0GXHLzekqnZ1i7GdPS3umTnk9sc9sBMBWrPs6tywqusWcMSxPGozcZ18FGiTsmKVkl&id=100063149025734	47
48	Energy performance Enhancement of Solar Assisted Heat Pump - surefitproject	11/10/2022	https://www.facebook.com/permalink.php?story_fbid=pfbid0zNodyZ1FawRXXVks5h8DNw3J8bhGujfoapPo22rUv5kFZ74LJ4zTCreiPMtwfngJl&id=100063149025734	47
47	SUREFIT was present at FENG - Coimbra Engineering Fair in Portugal	11/1/2022	https://www.facebook.com/permalink.php?story_fbid=pfbid02fe46DajmwxD8bwDpcagnBu2JxueAhEEMPpQj46L4ZYpgipVXDL1TwR4q7tqctHijl&id=100063149025734	47



46	The impact of retrofitting in southern European residential buildings - surefitproject	10/31/2022	https://www.facebook.com/permalink.php?story_fbid=pfbid065VcaTEz7nbTpSWD8m6aNaSBNEqMVWhfyLhgELKzKoQiwPw6MiznSg78HgDfYMqgl&id=100063149025734	47
45	Now on Greek TV	10/27/2022	https://www.facebook.com/100063149025734/videos/3337048466537829/	46
44	ISQ from Portugal is presenting SUREFIT project to students	10/21/2022	https://www.facebook.com/permalink.php?story_fbid=pfbid024YAAYDL5SU6E13VyssUFVCZ8fotiHQpbTwnK5cRnN4sY688ScVWAgLbcgAoyPrTVI&id=100063149025734	46
43	Sustainable retrofit solutions for southern European residential buildings - surefitproject	10/20/2022	https://www.facebook.com/permalink.php?story_fbid=pfbid0MrtjoynosgaZfDqLSbqK7v1AB8srAiEMwYFXU3qcAKVGUGVixTxfUsrSxaoJXhjXI&id=100063149025734	46
42	SET 2022 project introduction - surefitproject	10/10/2022	https://www.facebook.com/permalink.php?story_fbid=pfbid036vRBhZvbKnoN2mxtDZhpqDBvdrfyJFPwJe3hNGPd4n4hGkHEtJtyrA5gTEhGjw4SI&id=100063149025734	47



41	CJR Group (Portugal) presents SUREFIT project in local media	9/30/2022	https://www.facebook.com/permalink.php?story_fbid=pfbid0K4VoacVwPWTQ78JXxcgEauTKEy8hWq1SgGcD5c2AG7o8iv6phLMXMEC7dD4MNE3gl&id=100063149025734	46
40	Our 4rth Consortium meeting (M24) was successfully held in Nottingham - UK last week	9/19/2022	https://www.facebook.com/permalink.php?story_fbid=pfbid02LeEV6sDZdAswFqknHmCgxyJF6Nrgea322kyhTvaxjuTzSzorbz6NgWkQ7qJVomS5l&id=100063149025734	46
39	Professor Saffa Riffat from UNOTT showed to the SUREFIT Consortium members all the new technology tested	9/15/2022	https://www.facebook.com/permalink.php?story_fbid=pfbid021U37BfMfGeZBhFLX6uvHordsaSUBY11aJ2s6f4sMeSCSeFRmMMTi1rNyvFK1H14nl&id=100063149025734	49
38	Our 1st Consortium gathering in person is a reality	9/14/2022	https://www.facebook.com/permalink.php?story_fbid=pfbid02M5EzL3QrP5ig6kdnSVfcgSbE3cbpPAy6bibBFDt4bckQpfzz36XHbmGFphRg2v63l&id=100063149025734	46
37	European research programs offer new knowledge to various fields	8/17/2022	https://www.facebook.com/permalink.php?story_fbid=pfbid0ZcUPtq6FpukavHLYxsMQZBrgURDs8AmSKXE9Yu3Euggsrt2c38aXvMUUmU5pGuDSjl&id=100063149025734	47



36	The SURFIT team present in the #SET2022 conference in Istanbul	8/17/2022	https://www.facebook.com/permalink.php?story_fbid=pfbid02LtKa3mwPYcppgBv545Bp7Xpf17fmkhPXFob22Yn7X33MG3QFyR8ZP7E_dYEMMnakil&id=100063149025734	47
35	Ke Qu from UNOTT presents	8/17/2022	https://www.facebook.com/permalink.php?story_fbid=pfbid025JwBVJmg57jupTqnvYarsokKu9g8wY4LkX7u3Xh9bFwcagwbY97Kpvjk5TJBKkMI&id=100063149025734	47
34	Risto Kosonen from UNOTT presents	8/17/2022	https://www.facebook.com/permalink.php?story_fbid=pfbid02kV3vip2noWHqtygWKcWNFU9ZxZeJHv98aikTxWBp4q7YUnA1R8QDuZzEUZcPHyJ6l&id=100063149025734	47
33	Yangmin Wang from UNOTT, presents	8/17/2022	https://www.facebook.com/100063149025734/videos/1538001763325076/	47
32	SUREFIT partners present	8/16/2022	https://www.facebook.com/permalink.php?story_fbid=pfbid0GTTebZLjHzBTaq2pmAo9txFuCu1xqgzLVqhJgSd33CqmMYbZPtHxWu8jqcT3aVewl&id=100063149025734	47



31	An updated version of SUREFIT promo leaflet is available	7/21/2022	https://www.facebook.com/permalink.php?story_fbid=pfbid0t8t9Mup8y3hxjBG8oEYoCsp7pmzoDPBkdWf8dwnPEDeHucswyx6dt92pS9fKhYcl&id=107295391072671	48
30	SUREFIT review meeting	5/17/2022	https://www.facebook.com/permalink.php?story_fbid=pfbid0VXNuG5CeBCp1rEs58kRiq4WkXMDsb8Uc4z31EY8G2MWSCN4dtVXRuTg LXQ5SHjq2l&id=107295391072671	48
29	The impact of different retrofit technologies	5/11/2022	https://www.facebook.com/permalink.php?story_fbid=pfbid02MiNcUx2E2Ygq3L3CTJXMXAjmK2wkYhNaGargvsDyN8DHKJHG1QngF3nvda4DdduCl&id=107295391072671	47
28	Our 18M Consortium meeting was held on the 2nd and 3rd of March	3/28/2022	https://www.facebook.com/permalink.php?story_fbid=pfbid0epz6GDhyQrPdkzVsZ72qKPHVZxSjrV6N4k78mEFWTzocQDc9Z1GpCQYH9bG6e8R5l&id=107295391072671	47
27	2nd day for our 18M Consortium meeting	3/3/2022	https://www.facebook.com/permalink.php?story_fbid=pfbid02LtkuaaxVFwwbVWJNthao9qw7gcnSsmu31HpYWAfSynXuxLuWaRmdAMR9zpu9r4LFI&id=107295391072671	45



26	18M Consortium Meeting	3/2/2022	https://www.facebook.com/permalink.php?story_fbid=pfbid0mdZWLTzhcLN6w9Cm6Z4ft59iWvx2v1Vc3ud8r9CoWXGNvVfiG2aqePuQjRecZaHCl&id=107295391072671	47
25	WINCO Technologies is a SUREFIT project partner	2/23/2022	https://www.facebook.com/permalink.php?story_fbid=pfbid022VSvs9aA9CcRouMPLqQPAZ6iu9kCYE9p9SRMLZbsCqSkckLkrURomFPqpWifebMvl&id=107295391072671	47
24	Surefit Marketing in Practice	2/23/2022	https://www.facebook.com/permalink.php?story_fbid=pfbid02i26W5kiuQZ9HG6RVNfgtBewbWnM1MnJMLbuYmVuHc9sUMhBXrdJtmCoWEB4VjW4KI&id=107295391072671	46
23	Maria Pappa from AMS presented Surefit project	1/23/2022	https://www.facebook.com/permalink.php?story_fbid=pfbid02HtnaCyJcQ9aVxnehFVafjQCXU5quYS6Qf4zknYAdMJndYKsBwuBnYByjWe9EsVul&id=107295391072671	48
22	Merry Christmas & a Happy New Year	12/23/2021	https://www.facebook.com/permalink.php?story_fbid=pfbid0Rq7CmCmisjZ9VERKU6TJ9PwWTijNty45FBKicvs3Y2es7CwoFNmZNVYBWUUA43Xtl&id=107295391072671	45



21	The 12M meeting of the #Surefit project took place on the 22nd and 23rd of September	10/4/2021	https://www.facebook.com/permalink.php?story_fbid=pfbid02GveoSoNT2Pk6F3TA45B5X3CmHZscRxb5ysrGQ7mAZfsZqKRrRiWhFybzUBeV5uaTI&id=107295391072671	47
20	Maria Pappa AMS interview - SUREFIT	9/7/2021	https://www.facebook.com/permalink.php?story_fbid=pfbid02wfsKyrurFJgLi1VBngK4YgiQpuDyvFPxZfcunjNcMX7wvWtEgWvHLjJd5wWzc13bl&id=107295391072671	47
19	Happy Summer Holidays	8/4/2021	https://www.facebook.com/permalink.php?story_fbid=pfbid0YLYBArmWAMFdktmCHLf8UmXuU7cC4q6Yxs5CFei3u5w1N27j2Hvti86Rgf7gyxI&id=107295391072671	46
18	The 1st Exploitation Workshop for SUREFIT took place	6/17/2021	https://www.facebook.com/permalink.php?story_fbid=pfbid04c6FnjQ8J8Mb9w6pixUYz1jsq3Wx3rMfuspXuF7qdv5MU9RYDSw2dZFCzsZfHbEhl&id=107295391072671	45
17	One more SUREFIT meeting took place last week!	5/17/2021	https://www.facebook.com/permalink.php?story_fbid=pfbid0w1Rn8ynSjFd1rSDYqaAC25q2waWAemrTLg9Zc7PtodtYZNRpLnHWtRPL21rs83WUI&id=107295391072671	47



16	1st Dissemination Meeting - SUREFIT	4/24/2021	https://www.facebook.com/permalink.php?story_fbid=pfbid0bGaWCQu2ddRzbzcXvspfaf17aEEBqbfLZZrMfqMjibT4UuZCxZmjVZMnNBmXQ3BTI&id=107295391072671	47
15	We are happy to welcome to our team 2 new partners: CJR & Oncontrol	4/24/2021	https://www.facebook.com/permalink.php?story_fbid=pfbid02F3mcniu9SSuZS5nng4oq3PW2kvHa8wJZz7T9emdgoLHgawnSn8jnk2fnBSM8heel&id=107295391072671	47
14	Our 1st Consortium meeting was held last week with great success	3/31/2021	https://www.facebook.com/permalink.php?story_fbid=pfbid02b1wdzoDxxfVMv6knui4di3pSb1hdiW9ReEASxWvjaG8Q61hxdFMLSy6ttiRQqkgBI&id=107295391072671	48
13	Our 1st Consortium meeting is currently taking place	3/22/2021	https://www.facebook.com/permalink.php?story_fbid=pfbid0VgSe2tqwERj7pCEN6ee3YUPTJ4MtaqewZR5V1cbzJgvEFaMDLqV5MyQnoLYhSqkl&id=107295391072671	48
12	Countdown for our semi-annual General Assembly	3/18/2021	https://www.facebook.com/permalink.php?story_fbid=pfbid02YKLR4Aw9gGkIXix7oduDH8qtfLWQRLk1eCHDcEy7H4Y55YNiyE6zkaN7pR8brUsCI&id=107295391072671	47



11	11 Partners from 9 different European countries work for Surefit Project	3/18/2021	https://www.facebook.com/permalink.php?story_fbid=pfbid0BpNDNBg3nfuaHZ2RnNaSGX58CTDmzRCPccuDnpH7innENbG8nHCV8mPf2NUNVnEul&id=107295391072671	48
10	Prototypes of Surefit Technology will be installed for field trial in 5 representative buildings	2/1/2021	https://www.facebook.com/permalink.php?story_fbid=pfbid0Jk9fGZhoRT7SQL9jHRoxUAvUU2L2KgZCYsB346h7rDpBwPHAzWGkJkaq4xxiKVkl&id=107295391072671	48
9	Merry Christmas and a Happy New Year	12/22/2020	https://www.facebook.com/permalink.php?story_fbid=pfbid02vtDfQP5A2QH6iWD5sgxsRy9JFAhHKGsCkozYyMSfyGYL97ddiZtWp1kNXenLkz6xl&id=107295391072671	47
8	Our new website is LIVE	12/4/2020	https://www.facebook.com/permalink.php?story_fbid=pfbid023J5dKgqvZAYtN7nT94mMQ8VH5hAuVHNvbcpXvuxsmNSSvsHyfWHRQX4ztYskZexPl&id=107295391072671	45
7	18 days to reveal our brand-new website	11/12/2020	https://www.facebook.com/permalink.php?story_fbid=pfbid02X8RYWHhMshwP9iUGgCBsF6Z6dCCsbQB43rhYwhu1bDB8VXbc2KK6SbtDNqishAeol&id=107295391072671	45



6	Greek media are interested about our project	10/8/2020	https://www.facebook.com/permalink.php?story_fbid=pfbid0oLcdyWkPUthCefQA6W8bFA1fB995SsY6YB1ASWgemcEQ1Ym2c4Sf9UM2G623yuDvl&id=107295391072671	47
5	SUREFIT Project is getting attention	10/8/2020	https://www.facebook.com/permalink.php?story_fbid=pfbid0rmAAUjDZRB6CGo611LPmVqmVZ9wtDGT0P2rLLig37QCnAKm9q449Hevf3oQLWyELI&id=107295391072671	44
4	SUREFIT Project just started	9/15/2020	https://www.facebook.com/107295391072671/videos/801129620715171/	47
3	We announce the beginning of the new EU project: SUREFIT!	9/9/2020	https://www.facebook.com/107295391072671/videos/339168083948208/	47
2	Surefit updated their cover photo	7/27/2020	https://www.facebook.com/permalink.php?story_fbid=439052851587011&id=107295391072671&substory_index=439052851587011	45
1	Surefit updated their profile picture	7/27/2020	https://www.facebook.com/permalink.php?story_fbid=111966253938918&id=107295391072671&substory_index=601935904857913	46

Table 4 SUREFIT Facebook Posts

5 Press Releases - e-Newsletters - Blog

5.1 Press Releases

SUREFIT developed and distributed several press releases about the project's achievements. The first press release introduced the project to the public and was sent to all partners for publishing (*Figure 28 – SUREFIT Kick Off Press Release*).

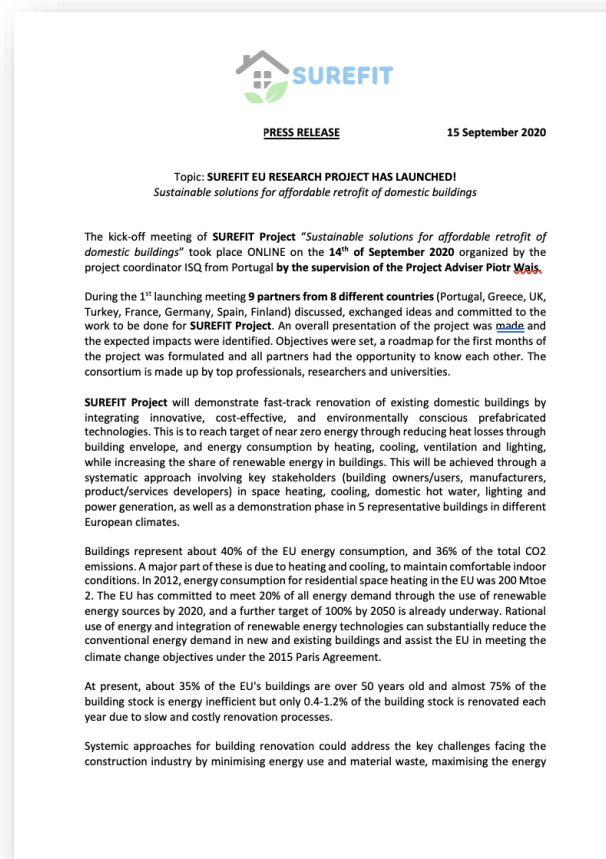
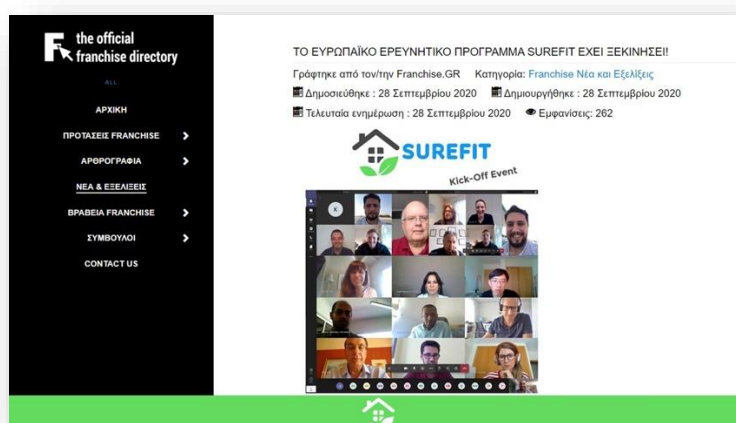
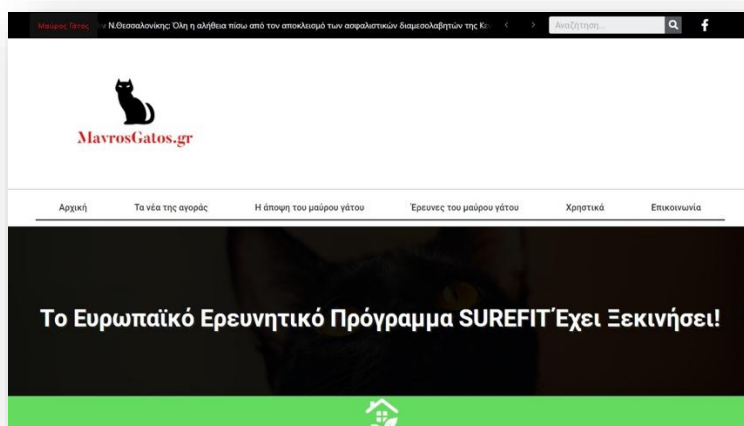


Figure 28 – SUREFIT Kick Off Press Release

The press release gained the following free publicity (*Figure 29 – SUREFIT Kick Off Press Release Publicity*):



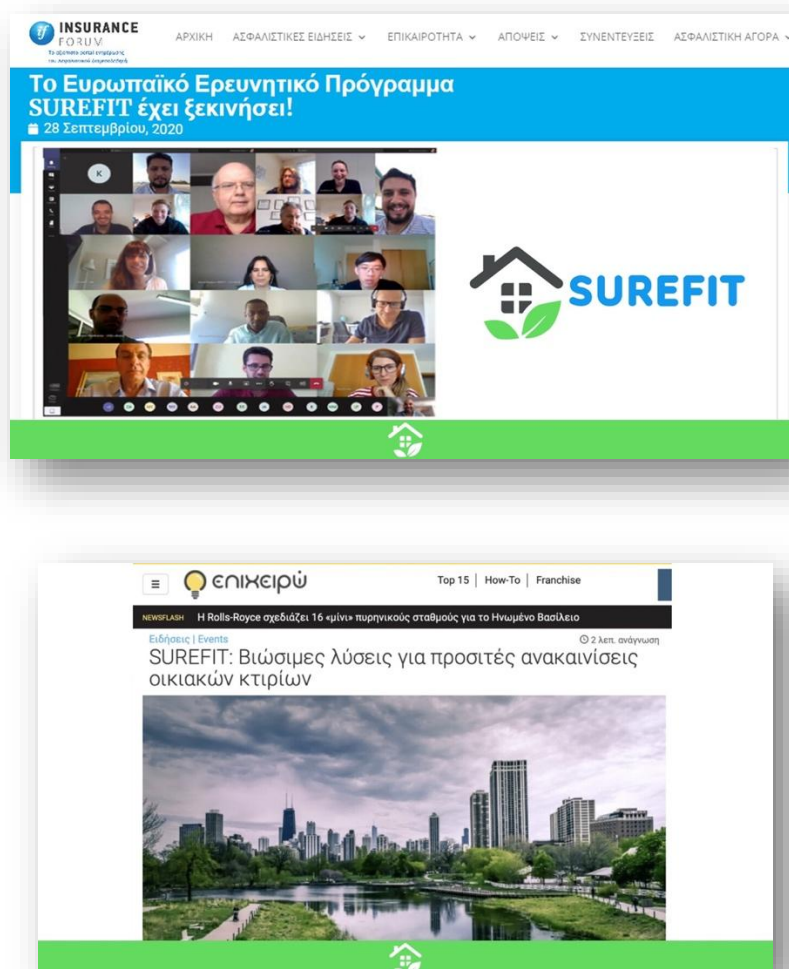


Figure 29 – SUREFIT Kick Off Press Release Publicity

All following press releases received impressive earned media coverage (See *Table 6 SUREFIT Earned Media Coverage*).

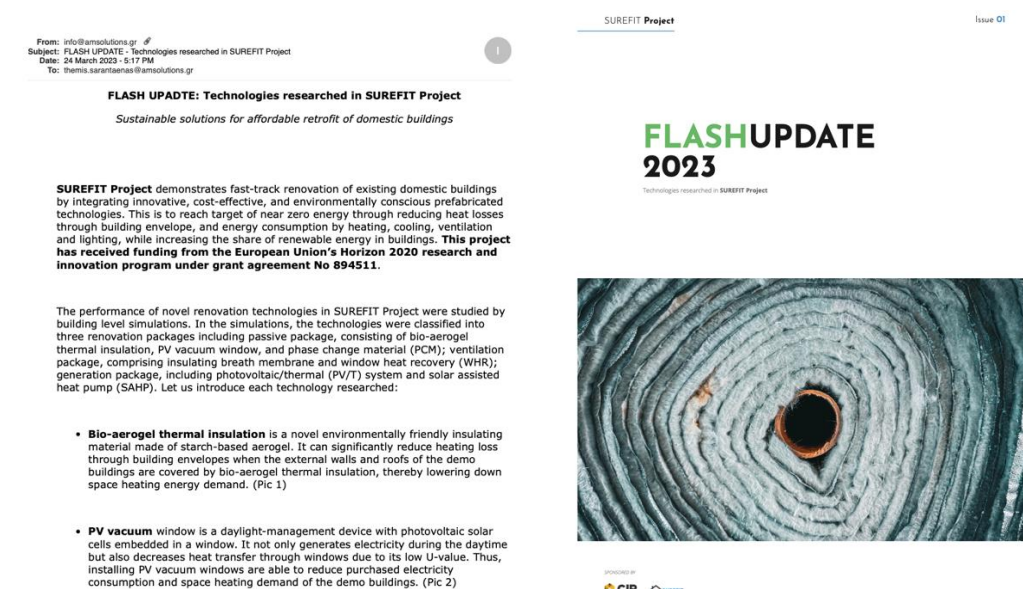
5.1 Newsletters

Approximately 12 newsletters were created throughout the project, primarily during the final months, when concrete results were available to showcase. These newsletters played a crucial role in communicating key findings, technological advancements, and project milestones to stakeholders, ensuring that the impact of SUREFIT was effectively disseminated. They were sent to our mailing list, reaching a broad audience of industry professionals, policymakers, researchers, and other relevant stakeholders.



Figure 30 – Newsletters Screenshots

Also, in Month 30 (M30), a common newsletter was created and distributed across all partners' mailing lists to fulfil the respective Grant Agreement (GA) requirement.





FLASH UPDATE
Technologies researched
in SUREFIT Project



Surefit Project



FLASH UPDATE: Technologies researched in SUREFIT Project
Sustainable solutions for affordable retrofit of domestic buildings



Sustainable solutions for affordable retrofit of domestic buildings

SUREFIT Project demonstrates fast-track renovation of existing domestic buildings by integrating innovative, cost-effective, and environmentally conscious prefabricated technologies. This is to reach target of near zero energy consumption through reducing heat losses through the building envelope, and energy consumption by heating, cooling, ventilation and lighting while increasing the share of renewable energy in buildings. This project has received funding from the European Union's Horizon 2020 research and innovation program under grant agreement No 894511.

The performance of novel renovation technologies in SUREFIT Project were studied by building level simulations. In the simulations, the technologies were classified into three renovation packages, including a passive package; consisting of bio-aerogel thermal insulation, PV vacuum window, and phase change material (PCM). A ventilation package; comprising insulating

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The performance of novel renovation technologies in SUREFIT Project were studied by building level simulations. In the simulations, the technologies were classified into three renovation packages, including a passive package; consisting of bio-aerogel thermal insulation, PV vacuum window, and phase change material (PCM). A ventilation package; comprising insulating breathable membrane and window heat recovery (WHR) and a generation package, including photovoltaic/thermal (PV/T) system, solar assisted heat pump (SAHP) and a new application of daylight technology. Let us introduce each technology researched:



Bio-aerogel thermal insulation is a novel environmentally friendly insulating material made of starch-based aerogel. It can significantly reduce heating loss through building envelopes when the external walls and roofs of the demo buildings are covered by bio-aerogel thermal insulation, thereby lowering the space heating energy demand.



PV vacuum window is a daylight-management device with photovoltaic solar cells embedded in a window. It not only generates a small amount of electricity during the daytime but also decreases heat transfer through windows due to its low U-value. Thus, installing a PV vacuum window means a reduction in purchased electricity consumption and space heating demand of the demo buildings.

Figure 31 – SUREFIT M30 Newsletter Proof

Additionally, a project newsletter was issued through CORDIS, ensuring extensive outreach within the industry. This free-distribution brochure was delivered to over 10,000 professionals across the EU and globally, reaching key stakeholders, including policymakers, researchers, architects, and industry professionals, fulfilling another Grant Agreement (GA) requirement.



Figure 32 – SUREFIT Newsletter as a free-charging brochure

ISQ successfully fulfilled the GA requirement by coordinating the **publication of a news report in Expresso, one of Portugal's most reputable and widely recognized newspapers**. While it may not have reached the intended half a million readers, it effectively engaged a broad non-professional audience both nationally and internationally through SUREFIT's dissemination channels. This publication ensured widespread visibility for SUREFIT's innovative solutions, aligning with the project's commitment to reaching a diverse audience across the EU and beyond.



Figure 33 – SUREFIT mentioned in Expresso Newspaper

5.2 Blog

SUREFIT consistently published short updates on the project website throughout its duration, culminating in a total of 109 news posts by the end of the project.

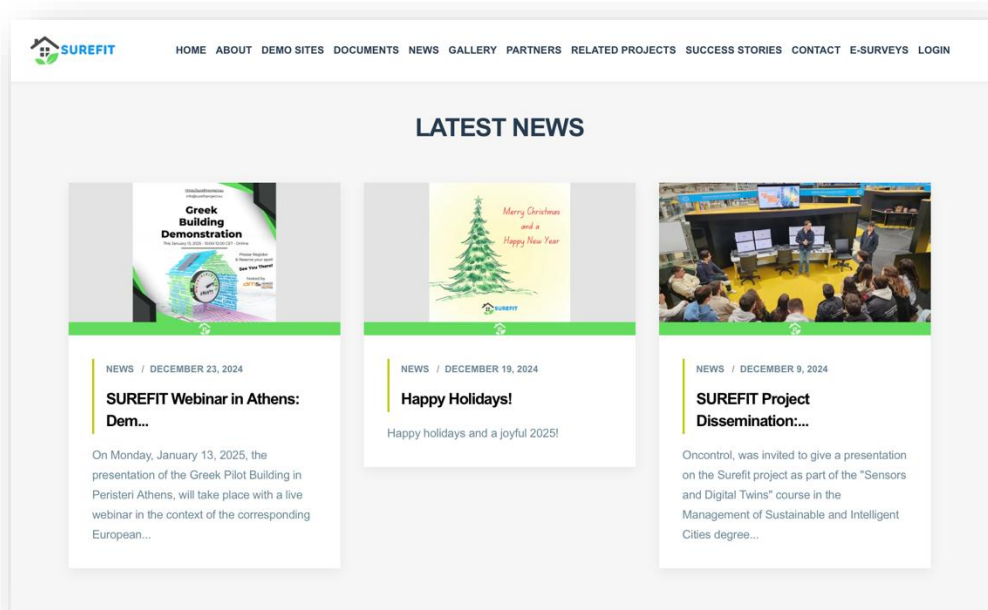


Figure 34 – SUREFIT Website Blog Updates

The following table presents all the blog articles published for the project

No	Article Title	Date
1	Press Release Kick-off	15/9/20
2	Epixeiro.gr - SUREFIT	29/9/20
3	InsurancInnovation.gr - SUREFIT	30/9/20
4	Mavrosgatos.gr - SUREFIT	2/10/20
5	Franchise.gr - SUREFIT	5/10/20
6	Startup.gr - SUREFIT	1/10/20
7	6M Consortium Meeting	5/4/21
8	Social Media Activity	24/4/21
9	1st Dissemination Meeting	24/4/21
10	1st Exploitation Workshop	17/6/21
11	Radio Interview - Amagi Radio	31/7/21
12	12M Consortium Meeting	4/10/21
13	Surefit Marketing in Practice	24/1/22
14	18M Consortium Meeting	30/3/22
15	Update on sizing of technologies and performance simulation findings	11/5/22



16	18M Review Meeting	17/5/22
17	1st Consortium Meeting in Person - Nottingham	14/9/22
18	New tested Technology demonstration	14/9/22
19	SUREFIT participates at SET 2022 – the 19th International Conference on Sustainable Energy Technologies	22/9/22
20	SET 2022 project introduction	22/9/22
21	Sustainable retrofit solutions for southern European residential buildings	22/9/22
22	The impact of retrofitting in southern European residential buildings	22/9/22
23	Energy performance Enhancement of Solar Assisted Heat Pump	22/9/22
24	CJR Group (Portugal) presents SUREFIT project in local media	23/9/22
25	Students are informed about SUREFIT project	21/10/22
26	Workshop: Sustainable solutions for affordable retrofit of domestic buildings	4/11/22
27	Technology used in SUREFIT is mentioned in German magazine “Bauphysik”	21/11/22
28	SUREFIT 1st Scientific Workshop was a success!	20/12/22
29	Happy Holidays!	23/12/22
30	SUREFIT Technology Presentation - DayLight Technology	13/1/23
31	New Article Publication for SUREFIT	17/3/23
32	SUREFIT was presented by ISQ at FENG - Feira de Engenharia de Coimbra	17/3/23
33	A sneak peek of the 3D Prototype!	23/3/23
34	M30 Consortium Meeting in Athens	30/3/23
35	M30 Consortium Meeting was a success!	3/4/23
36	SUREFIT is presented at REHVA student competition 2023	9/5/23
37	2nd Scientific Workshop: AALTO participated in REHVA Annual Meeting 2023	27/7/23
38	SUREFIT participated at SuDBE2023 Conference - Finland	28/8/23
39	SUREFIT participated in International Conference on Sustainable Energy Technologies (SET) 2023 Conference	1/9/23
40	M36 Consortium Meeting in Finland	7/9/23
41	SUREFIT project is getting media attention	15/9/23
42	SUREFIT project is presented in Ambiente Magazine	18/9/23
43	New media attention for SUREFIT!	19/9/23
44	SUREFIT lecture for the students at Aalto university	22/9/23
45	B4P Clustering Meeting	29/9/23
46	A master thesis based on the SUREFIT project was chosen as one of the winning theses!	29/9/23
47	New SUREFIT video	27/10/23
48	SUREFIT was disseminated at WSSET Newsletter	3/11/23
49	SUREFIT project is featured in the European Technology and Innovation Platform on Renewable Heating and Cooling	5/12/23
50	SUREFIT is featured in December's issue of The RHC ETIP Newsletter	15/12/23
51	Happy Holidays!	22/12/23
52	SUREFIT project is featured in EL DIA de Valladolid newspaper	17/1/24
53	SUREFIT technology installation IN ACTION!	23/2/24
54	SUREFIT technologies are presented in Greek Media	23/2/24
55	SUREFIT is featured in RINNO Project's blog!	11/3/24
56	A Closer Look into the Digitalisation & Transformation of Building Renovation	11/3/24



57	SUREFIT project is indexed in the "European Technology and Innovation Platform on Renewable Heating and Cooling"	15/3/24
58	SUREFIT Project participated in the Kick-off Meeting: Network of building renovation project	15/3/24
59	Participation at the REBUILD event - Congreso de Arquitectura Avanzada y Construcción 4.0	20/3/24
60	Meet one of the stakeholders of the SUREFIT Project	9/4/24
61	SUREFIT Seminar in Spain: Sustainable innovation and rehabilitation	30/4/24
62	SUREFIT's seminar is featured in El Dia de Valladolid newspaper	10/5/24
63	SUREFIT is featured in Calor y Frio portal!	15/5/24
64	Video: SUREFIT Seminar in Spain: Sustainable innovation and rehabilitation	28/5/24
65	SUREFIT consortium meeting took place in Valladolid Spain!	30/5/24
66	SUREFIT Project Commercial Workshop	7/6/24
67	Clustering: SUREFIT was mentioned in Energy opportunities in Horizon Europe: Community Building on "Renewables & Efficient Buildings"	7/6/24
68	Building a Path Towards Energy Efficiency: Insights from Surefit's Project Coordinator, Sérgio Tadeu	10/6/24
69	Radio Interview in Vive Radio (Spain)	11/6/24
70	Surefit Project: Transforming Building Retrofitting for a Sustainable Future	22/7/24
71	Video Demonstration - Demo Building in Spain	22/7/24
72	Sustainable Renovation Insights: Publication from Valladolid's Technical School of Architecture	1/8/24
73	PRESS RELEASE: The EU-funded project REHOUSE is ready to demonstrate the innovative and sustainable Renovation Packages	3/9/24
74	SUREFIT Project at SET 2024: Paving the Way for Sustainable Energy Solutions	25/9/24
75	SUREFIT Project Dissemination: Training at Harbin Institute of Technology, China	25/9/24
76	SUREFIT Project Demo Building Live Webinar by CJR	25/9/24
77	Tribuna Ávila Highlights 'Renew Your Energy' Project: Bringing Social Entities Closer to Energy Efficiency Solutions	27/9/24
78	PCM's ThinICE technology for SUREFIT on video!	30/9/24
79	Public Demonstration Highlighted on Renueva Tu Energía: A Step Toward Energy Efficiency	2/10/24
80	Surefit Showcases Innovations at HARFKO: Pioneering HVAC & R Solutions for a Sustainable Future	4/10/24
81	Revolutionizing Building Safety and Efficiency: The Game-Changing Skytech Pro XL Technology from the Surefit Project	7/10/24
82	SOLIMPEKS' PV/T technology for SUREFIT on video!	14/10/24
83	Exciting Round Table/Webinar in Valladolid on Energy Rehabilitation and the SUREFIT Project	14/10/24
84	Exploring SUREFIT through Artificial Intelligence (AI)	29/10/24
85	SUREFIT Webinar in Valladolid: Demo Building Presentation	31/10/24
86	SUREFIT Project Dissemination: Training at Chongqing University, China	15/11/24
87	SUREFIT is featured at REHOUSE Project's blog!	18/11/24
88	REHOUSE drives people-oriented renovation processes through social innovation and is committed to social equality	9/12/24
89	SUREFIT Project Dissemination: Training with UC Factory Academy	9/12/24
90	SUREFIT Webinar in Athens: Demo Building Presentation	23/12/24
91	Happy Holidays!	19/12/24
92	Deep Renovation: New Approaches to Transform the Renovation Market	7/1/25



93	Discover the Future of Sustainable Construction: SUREFIT Webinar Recap (Portugal)	13/1/25
94	Policy Workshop on Energy Renovation of Buildings by ISQ	13/1/25
95	Highlights from the Surefit Webinar – Greek Demo in Peristeri, Athens	14/1/25
96	Finnish Demonstrations Highlight SUREFIT's Impact	23/1/25
97	The Vital Role of Training in the SUREFIT Project	23/1/25
98	SUREFIT Greek Demo Webinar Highlighted on Cultura y Patrimonio	23/1/25
99	ISQ Team Publishes Paper on Building Renovation Challenges and SUREFIT Solutions	23/1/25
100	Policy Workshop: Public Policies to Boost Energy Renewal of Buildings	23/1/25
101	SUREFIT Workshop: Demonstration of research results and renovated buildings	28/1/25
102	Successful Stakeholder Workshop on Building Retrofitting: Key Takeaways and Achievements	4/2/25
103	Visit to the SUREFIT Spanish Demo Site for Architecture School Students	12/2/25
104	Inspiring Future Architects: SUREFIT Project Presentation at Valladolid's School of Architecture	12/2/25
105	SUREFIT in the Spotlight: How Energy-Efficient Renovation Delivers Measurable Returns	12/2/25
106	Surefit Greek Demo gets media attention	19/2/25
107	Surefit's Greek Demo Gains Media Spotlight for Its Cutting-Edge Tech	19/2/25
108	Surefit Greek Demo Captivates Media with Game-Changing Innovation	19/2/25
109	SUREFIT Project Concludes with Final M54 Consortium Meeting in Lisbon	19/2/25

Table 5 SUREFIT Blog Posts

The following table presents all the earned media coverage achieved for the project:

Number	Type of portal	Link	Press release title	Date
1	Business	https://www.epixeiro.gr/article/212313	SUREFIT Kick Off Press Release	28/9/2020
2	Business	https://SUREFITproject.eu/insuranceinnovation-gr-SUREFIT/	SUREFIT Kick Off Press Release	28/9/2020
4	Business	https://www.michanikos-online.gr/εναρκτήρια-συνάντηση-του-έργου-surefit-βιώ/	SUREFIT Kick Off Press Release	28/9/2020
5	Business	https://www.startup.gr/epikairotita/to-eyropaiko-ereynitiko-programma-SUREFIT-echei-xekinisei/	SUREFIT Kick Off Press Release	28/9/2020
6	Business	https://mavrosgatos.gr/nea-tis-agoras/to-eyropaiko-ereynitiko-programma-SUREFIT-echei-xekinisei/	SUREFIT Kick Off Press Release	28/9/2020
7	Blog Article	https://SUREFITproject.eu/update-on-sizing-of-technologies-and-performance-simulation-findings/	Update on sizing of technologies and performance simulation findings	11/5/2022
8	Business	https://SUREFITproject.eu/cjr-group-portugal-presents-SUREFIT-project-in-local-media/	CJR Group (Portugal) presents SUREFIT project in local media	23/9/2022
9	Business	https://SUREFITproject.eu/wp-content/uploads/2022/11/Bauphysik-44-2022_Tageslichtlenksysteme.pdf	Technology used in SUREFIT is mentioned in German magazine "Bauphysik"	21/11/2022
10	Business	https://jornaleconomico.pt/noticias/isq-coordena-um-projeto-que-pretende-revolucionar-a-forma-como-se-constroem-casas-acessiveis/	SUREFIT: Revolutionary Solutions for Affordable and Sustainable Housing Renovation	14/9/2023
11	Business	https://www.ambientemagazine.com/isq-coordena-projeto-para-tornar-casas-mais-rentaveis-e-amigas-do-ambiente/	SUREFIT: Revolutionary Solutions for Affordable and Sustainable Housing Renovation	15/9/2023
12	Business	https://edificioseenergia.pt/noticias/1509-projecto-SUREFIT-testa-tecnologias-para-reabilitar-habitacoes-de-forma-rapida-e-acessivel/	SUREFIT: Revolutionary Solutions for Affordable and Sustainable Housing Renovation	15/9/2023
13	Newsletter	https://drive.google.com/file/d/1tQYbaB8Y92v9rWhSiYu1AA8Cuea2xC2Q/view	Smart all-in-one window with integration of PV	1/9/2023



			vacuum glazing and window frame heat recovery ventilation system	
14	Business	https://www.rhc-platform.org/SUREFIT-sustainable-solutions-for-affordable-retrofit-of-domestic-buildings/	Sustainable solutions for affordable retrofit of domestic buildings	5/12/2023
15	Newsletter	https://mailchi.mp/ef762eb01d8d/rhc-newsletter-december-6265905?e=f61d8cffe6	SUREFIT – “Sustainable solutions for affordable retrofit of domestic buildings”	1/12/2023
16	Economic Press	https://www.eldiadevalladolid.com/noticia/z8a1c4f81-0095-c7f1-f55b5ff01fcfc33c/202401/tres-viviendas-mejoran-su-eficiencia-energetica-con-un-plan-ue	Three homes improve their energy efficiency with an EU plan	15/1/2024
17	Business	https://www.franchise.gr/franchise-nea/8180-SUREFIT-ένα-ευρωπαϊκό-ερευνητικό-πρόγραμμα-για-ένα-πιο-πράσινο-μέλλον.html	SUREFIT Technologies	23/2/2024
18	Business	https://www.startup.gr/epikairotita/SUREFIT-ena-eyropaiko-ereynitiko-programma-gia-ena-pio-prasino-mellon/	SUREFIT Technologies	23/2/2024
19	University Blog	https://epixeireite.duth.gr/?q=node/44791	SUREFIT Technologies	23/2/2024
20	Business	https://www.epixeiro.gr/article/463457	SUREFIT Technologies	23/2/2024
21	Economic Press	https://SUREFITproject.eu/SUREFITs-seminar-is-featured-innewspaper/	SUREFIT Seminar in Spain	1/6/2024
22	Economic Press	https://SUREFITproject.eu/SUREFIT-is-featured-in-calor-y-frio-portal/	SUREFIT Seminar in Spain	1/6/2024
23	European Commission’s portal	https://cordis.europa.eu/article/id/450532-building-a-path-towards-energy-efficiency	Building a path towards energy efficiency	10/6/2024
24	Economic Press	https://www.tribunavalladolid.com/noticias/368982/la-escuela-tecnica-superior-de-arquitectura-celebra-un-seminario-sobre-innovacion-y-rehabilitacion-sostenible	Sustainable Renovation Insights	27/05/2024
25	Economic Press	https://www.tribunaavila.com/noticias/379838/renueva-tu-energia-acerca-entidades-sociales-a-ejemplos-de-eficiencia-energetica	Social entities closer to examples of energy efficiency	20/9/2024
26	Economic Press	https://www.renuevatuenergia.org/noticias_eventos/visitamos-casos-de-exito-de-eficiencia-energetica-con-entidades-sociales-ne6	Spain Demo Public Demonstration	2/10/2024
27	European Commission’s portal	https://build-up.ec.europa.eu/en/resources-and-tools/links/surefit-project	Building a path towards energy efficiency	14/7/2023



28	European Commission's portal	https://cordis.europa.eu/project/id/894511	Building a path towards energy efficiency	8/5/2020
29	Business	https://www.startup.gr/epikairotita/to-eyropaiko-programma-surefit-paroysiazai-kainotomes-lyseis-exoikonomisis-energeias-se-elliniko-ktirio/	Surefit Technological Updates	10/2/2025
30	Business	https://www.epixeiro.gr/article/522284	Surefit Technological Updates	10/2/2025
31	Business	https://www.franchise.gr/franchise-nea/8817-to-eyρωπαϊκό-πρόγραμμα-surefit-παρουσιάζει-καινοτόμες-λύσεις-εξοικονόμησης-ενέργειας.html	Surefit Technological Updates	10/2/2025

Table 6 SUREFIT Earned Media Coverage

6 TV - RADIO

6.1 TV Coverage

As part of our ongoing efforts to raise awareness about the SUREFIT project and its groundbreaking contributions to sustainable retrofitting technologies, we participated in **two televised media interviews** that provided a unique platform to share the project's mission, objectives, and potential impact. During the interviews, we emphasized the importance of retrofitting existing buildings to improve energy efficiency and reduce carbon emissions, a critical challenge in addressing climate change. We outlined how SUREFIT integrates cutting-edge technologies and innovative materials to deliver cost-effective and scalable solutions, making energy-efficient retrofitting accessible to a wider range of building owners.

The discussion also highlighted the collaborative nature of the project, showcasing the expertise and commitment of our international consortium, which brings together leading researchers, industry experts, and stakeholders from across Europe. We underscored the significance of EU funding through the Horizon 2020 program, which has enabled us to explore innovative approaches and ensure the project's success. Additionally, we shared early results and milestones, including successful pilot implementations and the positive feedback received from stakeholders, which further validated the project's potential to revolutionize the building retrofit sector.

By engaging with a broad television audience, we aimed to inspire public interest in sustainable innovation, encourage adoption of retrofitting solutions, and foster a deeper understanding of the role that projects like SUREFIT play in creating a greener, more sustainable future for all. The media interview proved to be a pivotal moment in enhancing the visibility of the project and its contribution to global sustainability efforts.

TV Channels:



Figure 35 – SUREFIT TV Presence

6.2 Radio Coverage

In addition to our televised media outreach, we also participated in two radio interviews to further amplify awareness about the SUREFIT project and its innovative approach to sustainable building retrofits. During the interviews, we discussed the pressing need for energy-efficient retrofitting in aging buildings, which represent a significant portion of Europe's infrastructure and contribute heavily to carbon emissions. We explained how the SUREFIT project aims to address these challenges by developing advanced, cost-effective solutions that not only improve energy performance but also reduce the overall environmental impact of the building sector.

The radio format allowed us to engage with a diverse audience, offering clear and concise explanations of the project's goals and the benefits of retrofitting for both property owners and the broader community. We shared insights into the collaborative work of the project consortium, which includes researchers, engineers, and industry leaders, all working towards a shared vision of a more sustainable future. Furthermore, we highlighted the importance of EU Horizon 2020 funding, which has been instrumental in driving innovation and supporting the development of scalable retrofitting technologies.

The radio platform also provided an opportunity to connect with local communities and stakeholders who may directly benefit from the outcomes of the project.



Figure 36 – SUREFIT RADIO Presence

Number	Type of portal	Link	Subject	Date
1	Business Radio	https://SUREFITproject.eu/radio-interview-amagi-radio/	SUREFIT PRESENTATION	20/3/2021
2	Business TV	https://SUREFITproject.eu/SUREFIT-marketing-in-practice/	SUREFIT PRESENTATION	1/1/2022
3	Radio	https://SUREFITproject.eu/radio-interview-in-vive-radio-spain/	SPAIN SEMINAR	11/6/2024
4	Business TV	https://SUREFITproject.eu/SUREFIT-project-transforming-building-retrofitting-for-a-sustainable-future/	SUREFIT TECHNOLOGIES	22/6/2024

Table 7 SUREFIT TV – RADIO Presence

7 Events

Participation in events was a cornerstone of the SUREFIT project's dissemination strategy, playing a pivotal role in communicating the project's findings, showcasing the innovative technologies developed during the research, and engaging with key stakeholders, including EU officials. These events provided invaluable platforms to share progress, foster collaborations, and build awareness of the project's objectives and outcomes across diverse audiences. From international conferences and workshops to regional stakeholder meetings and specialized industry exhibitions, the project team actively engaged in forums that facilitated knowledge exchange and fostered meaningful discussions on sustainable retrofitting solutions.

The events allowed the team to present cutting-edge advancements achieved through SUREFIT, including new materials, techniques, and energy-efficient technologies, while emphasizing their real-world applicability and benefits. Through interactive presentations, live demonstrations (where applicable), and networking sessions, participants could see firsthand the potential impact of these innovations. Importantly, the participation in events also created opportunities to connect directly with EU officials, aligning the project's goals with broader EU sustainability and climate action policies, and ensuring visibility and alignment within the EU research and innovation ecosystem.

Organizing and participating in these events was not just a strategic choice **but also a commitment outlined explicitly in the Grant Agreement**. This commitment reflected the project's dedication to transparent communication and proactive stakeholder engagement, reinforcing its alignment with the EU's expectations for funded research. By fulfilling this mandate, SUREFIT successfully amplified its visibility, strengthened its credibility, and created pathways for the adoption and scaling of its outcomes. These events ultimately served as critical milestones in the project's journey, ensuring its contributions to sustainable innovation resonated across industry, policy, and community levels.

7.1 Conferences

The Consortium members played an active and vital role in disseminating the research findings of the SUREFIT project by presenting at six international conferences, held annually over the project's duration. Each conference featured participation from 2 to 5 representatives drawn from the project's diverse network of organizations, ensuring a broad representation of expertise and perspectives.

7.1.1 Participation at the 19th International Conference on Sustainable Energy Technologies (SET 2022)

SET 2022 was a multidisciplinary, peer-reviewed international conference on sustainable energy sources and technologies that provided a forum for the exchange of latest technical information, the dissemination of the high-quality research results, the presentation of the new developments in the area, and the debate and shaping of future directions and priorities for sustainable

development and energy security. This was major event attended by leading researchers, scientists from industries, universities from over 60 countries.



Figure 37 – SUREFIT SET 2022 Images

For further information please see *Table 8 SUREFIT Event List*

7.1.2 Participation at International Conference on Sustainable Development in Building and Environment (SuDBE)

The series of biennially International Conference on Sustainable Development in Building and Environment (SuDBE) was initiated in 2003 by the National Centre for International Research of

Low-carbon Green Buildings at Chongqing University, and it was co-organized by the University of Cambridge and University of Reading. The SuDBE conference mainly focuses on the topics of sustainable design and operation, building energy efficiency, green building, low-carbon technology, ecological cities, renewable energy, thermal comfort, indoor air quality, and so on.



Figure 38 – SUREFIT SuDBE Images

For further information please see *Table 8 SUREFIT Event List*

7.1.3 Participation at the 20th International Conference on Sustainable Energy Technologies (SET 2023)

SET 2023 was a multidisciplinary, peer-reviewed international conference on sustainable energy sources and technologies that provided a forum for the exchange of latest technical information, the dissemination of the high-quality research results, the presentation of the new developments in the area, and the debate and shaping of future directions and priorities for sustainable development and energy security. This was major event attended by leading researchers, scientists from industries, universities from over 60 countries.

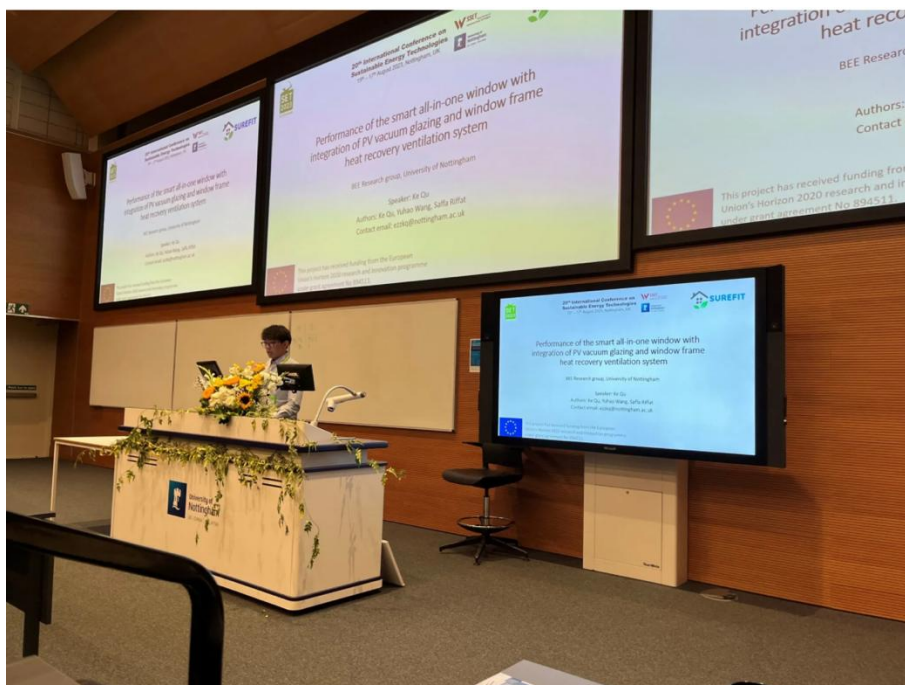


Figure 39 – SUREFIT SET 2023 Images

For further information please see *Table 8 SUREFIT Event List*

7.1.4 Participation and Organization of the Sustainable innovation and rehabilitation at Escuela Técnica Superior de Arquitectura de Valladolid

The conference took place at the prestigious Escuela Técnica Superior de Arquitectura de Valladolid, organized by FSM. This event was not just another meeting; it served as a beacon for architects, engineers, industry experts, and students who are driving towards a sustainable future through innovative approaches in their fields.

Attendees had the opportunity to learn about cutting-edge sustainable practices and engage with leaders in the field. The discussions covered various aspects of sustainability in architecture and beyond, providing insights that could shape the future of environmental conservation and efficiency in building design.



Figure 40 – SUREFIT Escuela Técnica Superior de Arquitectura de Valladolid Images

For further information please see *Table 8 SUREFIT Event List*

7.1.5 Participation at the 21st International Conference on Sustainable Energy Technologies (SET 2024)

The SUREFIT Project was proud to participate in the Sustainable Energy Technologies (SET) 2024 Conference, a prestigious platform where global progress in sustainable energy took centre stage. At SET 2024, held with the mission to drive innovation, exchange cutting-edge ideas, and shape the future of energy technologies, the SUREFIT team presented an impactful and timely research titled: “*Excellent Indoor Climate and Demand-Side Management in the EU Perspective.*”



Figure 41 – SUREFIT SET 2024 Images

For further information please see *Table 8 SUREFIT Event List*

7.1.6 Participation at the REBUILD Conference – Congreso de Arquitectura Avanzada y Construcción 4.0

FSM attended the REBUILD event and presented the SUREFIT technologies. This event, the largest of its kind for the industry in Madrid, attracted over 24,000 specifiers and buyers, as well as more than 5,600 new building projects. It served as a unique platform for generating new leads. Additionally, the Advanced Architecture and Construction 4.0 Congress was held at the same venue, where SUREFIT was also showcased. This congress provided a space to discover new materials, the latest emerging technologies, and the most innovative construction systems.



Figure 42 – SUREFIT REBUILD Images

For further information please see *Table 8 SUREFIT Event List*

7.2 Workshops & Exhibitions

By actively engaging in workshops and exhibitions, SUREFIT successfully broadened its impact, increasing awareness, fostering partnerships, and driving momentum toward the large-scale adoption of energy-efficient retrofitting technologies. This section outlines the key events attended, their exposure, and the significant contributions made by the project at these important industry gatherings.

7.2.1 Combined Workshop

Due to logistical considerations, instead of organizing five separate workshops, a combined stakeholders' workshop was held at the end of the project. ISQ, in collaboration with CJR, AMS, FSM, AALTO, and UNOTT, hosted this event to ensure broad engagement and maximize outreach. The workshop, conducted as a webinar, served as a platform to showcase the project's

research achievements and demonstrate the operation of the renovated buildings to a diverse audience, including policymakers, architects, building services engineers, renewable and sustainable energy system manufacturers, professionals from the building industry, and the general public. This approach allowed for a more streamlined and impactful dissemination of SUREFIT's innovations, ensuring that key stakeholders were informed and engaged in discussions on the future of sustainable building retrofitting.



Figure 43 – SUREFIT 1st Combined Workshop Image

For further information please see *Table 8 SUREFIT Event List*

In addition, five other workshops & exhibitions were organized over the project duration as a GA obligation:

7.2.2 1st Scientific Workshop

A scientific webinar was jointly organized by four key partners of the project—AALTO, UNOTT, ISQ, and AMS—to discuss innovative solutions in PV and grid hybrid systems and their applicability to sustainable building designs. The webinar explored challenges and opportunities in integrating hybrid systems, particularly in developing or underdeveloped countries. Key topics included the practical use of thermal conductive pastes between PV modules and heat exchange pipes to optimize energy transfer, with participants discussing specific materials and their thermal conductivities. The panel also highlighted tailored strategies for cost-effective and scalable solutions in resource-constrained environments, fostering knowledge exchange among researchers and stakeholders.

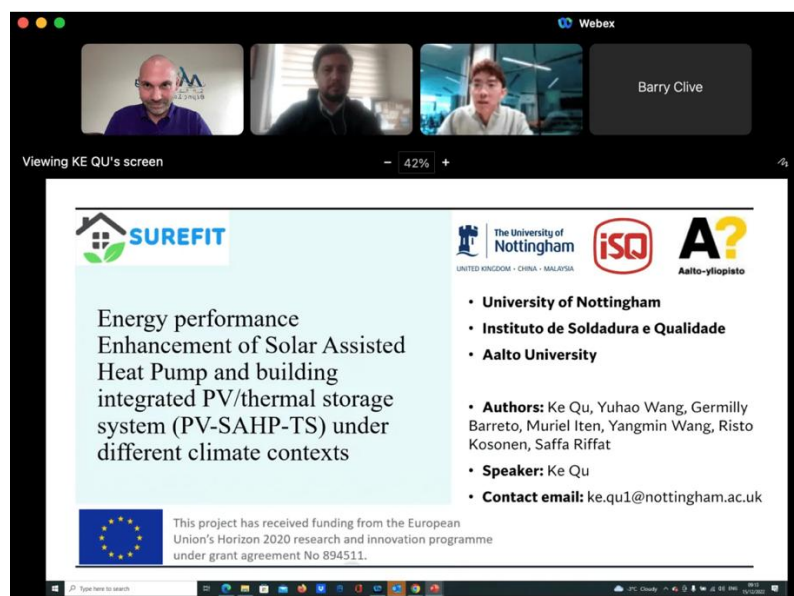


Figure 44 – SUREFIT 1st Scientific Workshop Image

For further information please see *Table 8 SUREFIT Event List*

7.2.3 2nd Scientific Workshop

SUREFIT members performed a scientific workshop to scientist students titled: “The Effects of Energy Renovations in Southern European Residential Buildings with Intermittent or Continuous Heating”. The topic answered topics such as: *How to achieve 60% energy reduction target with energy renovations? How the operation schedules of heating system affect energy saving potential of renovations? How the renovation technologies improve indoor climate?*



Figure 45 – SUREFIT 2nd Scientific Workshop Image

For further information please see *Table 8 SUREFIT Event List*

7.2.4 Commercial Workshop

PCM Products Ltd hosted a commercial webinar to showcase the innovative advancements of the SUREFIT project to a wide-ranging audience of industry professionals, policymakers, and sustainability enthusiasts. The one-hour event highlighted groundbreaking technologies designed to transform existing domestic buildings into near zero energy homes. Attendees were introduced to cutting-edge solutions, including bio-aerogel insulation panels, PV vacuum glazing windows, hybrid solar PV thermal systems, and PCM passive cooling panels, all of which aim to revolutionize energy efficiency and renewable energy integration in building renovations.

The webinar also featured insights from SUREFIT's demonstration phase across diverse European climates, offering valuable data on the adaptability and effectiveness of these technologies. Additionally, the session emphasized the critical role of stakeholder involvement and the tangible benefits of these solutions, such as reduced energy bills, enhanced property value, and improved living quality. This engaging event successfully disseminated key findings and inspired stakeholders to explore the adoption of sustainable renovation technologies in their own projects.

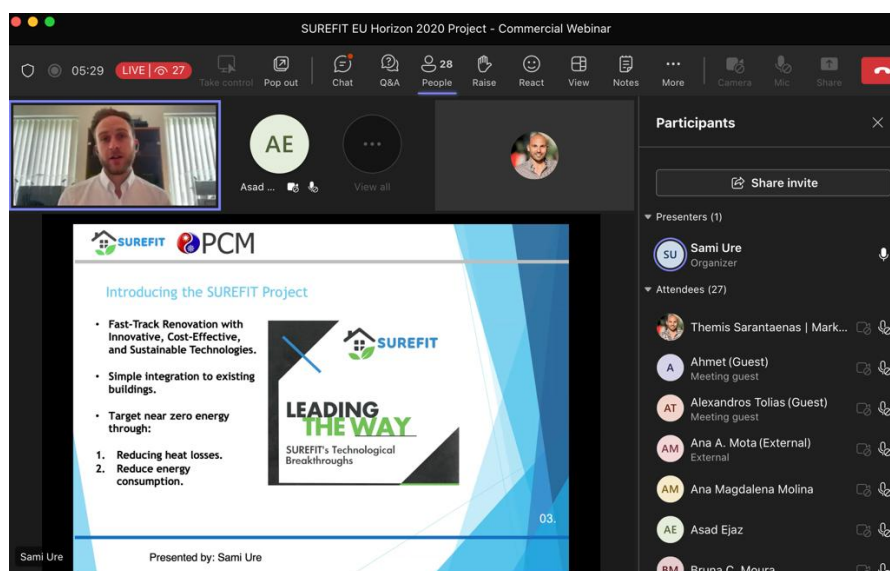


Figure 46 – SUREFIT Commercial Workshop Image

For further information please see *Table 8 SUREFIT Event List*

7.2.5 Policy Workshop

As part of the SUREFIT project's dissemination activities, ISQ organized a high-profile policy workshop in Portugal focused on Public Policies to Boost Energy Renewal of Buildings. This event

brought together policymakers, researchers, industry professionals, and stakeholders to explore innovative approaches to energy renovation and building decarbonization, aligning with the project's objectives to promote sustainable retrofitting solutions.

The workshop began with an insightful presentation by Sérgio Tadeu, who highlighted the SUREFIT technologies and their application in demonstration buildings. He provided an overview of the challenges faced in making these innovative solutions competitive in the market, addressing issues such as cost, scalability, and public acceptance. This presentation set the stage for a deeper discussion on the role of public policies in advancing energy efficiency and sustainability in the building sector.

Prominent national policymakers participated in the event, including Ricardo Aguiar (DGEG - General Directorate of Energy and Geology), Rui Fragoso (ADENE - Energy Agency), and Hélder Gonçalves (LNEG - Energy Laboratory). These experts discussed the impact of transposing European directives such as the EPBD (Energy Performance of Buildings Directive), RED III (Renewable Energy Directive), and EED (Energy Efficiency Directive) into national legislation. Their insights emphasized the importance of public policy as a driver for achieving climate neutrality and addressing the challenges posed by climate change.

The workshop also featured contributions from renowned researchers and industry leaders, including Eduardo Maldonado (Faculty of Engineering of the University of Porto), José Bernardo Dias (Smart Energy LAB), and Vanessa Tavares (BuiltColab). These speakers delved into the complexities of circularity in construction, focusing on strategies for achieving carbon neutrality by 2050. Their discussions highlighted the need for systemic changes in the construction industry and the adoption of innovative retrofitting technologies like those developed through the SUREFIT project.

The event concluded with a dynamic round table discussion, moderated by João Safara (ISQ Group Administrator), and featured contributions from Rita Moura (PTPC - Portuguese Construction Technology Platform). This session provided a platform for attendees to engage in meaningful dialogue about the future of sustainable building practices, generating actionable strategies to overcome barriers and maximize the impact of energy renovation initiatives.

Overall, this workshop served as a critical platform for knowledge exchange, aligning SUREFIT's technological advancements with policy and market needs. By fostering collaboration among key stakeholders, it reinforced the project's commitment to driving innovation and sustainability in the building sector while addressing the pressing challenges of climate change.



Figure 47 – SUREFIT Policy Workshop Image

7.2.6 Exhibitions

The SUREFIT Project made its mark at HARFKO 2023, Korea's leading exhibition for heating, air conditioning, refrigeration, and ventilation, held at the KINTEX Korea International Exhibition Centre. Renowned for showcasing cutting-edge innovations in the HVAC & R industry, HARFKO attracts a global audience of manufacturers, engineers, and sustainability advocates. During the event, SUREFIT representatives **distributed informative leaflets detailing the project's groundbreaking technologies**, such as bio-aerogel insulation panels and hybrid solar PV thermal systems. This outreach effort not only increased the visibility of the project but also engaged attendees in discussions about the role of sustainable retrofitting in reducing energy consumption and advancing environmental goals. SUREFIT's presence at HARFKO underscored its commitment to driving eco-friendly and energy-efficient solutions in the global industry.



Figure 48 – SUREFIT HARFKO Exhibition Image

Also, Köster presented their technology in various events:





The SUREFIT Consortium also organized an impactful conference at the prestigious Escuela Técnica Superior de Arquitectura de Valladolid (ETSAV), bringing together architects, engineers, industry experts, and students to explore innovative pathways toward sustainability. This event went beyond a traditional gathering; it served as a platform to inspire and educate, shining a spotlight on groundbreaking SUREFIT technologies.





Figure 49 – SUREFIT Technologies Exhibition Image

For further information please see *Table 8 SUREFIT Event List*

7.3 Demonstrations

The original plan outlined in the Grant Agreement envisioned the retrofitted buildings in Finland, Greece, Portugal, Spain, and the UK being demonstrated to the public over one year, with approximately ten organized one-day events in each location. These events were intended to provide hands-on exposure to the innovative SUREFIT technologies for diverse audiences, including schools, policymakers, architects, engineers, manufacturers, and building owners. The aim was to host groups of 30 or more attendees per demonstration, offering a unique opportunity to experience the practical application of the project's solutions.

However, due to concerns raised by the residents living in the retrofitted homes, who were understandably reluctant to accommodate a high volume of visitors, it was not feasible to conduct the demonstrations as initially planned. Recognizing the need to respect the privacy and preferences of the occupants while still fulfilling the dissemination objectives, the consortium unanimously agreed on an alternative approach. Instead of in-person demonstrations, professional videos were produced to showcase the retrofitted buildings and the technologies in action. These videos (available also on our YouTube Channel) were complemented by a series of webinars that provided an interactive platform to present the project's outcomes, engage stakeholders, and address questions.

This solution not only upheld the intent of the original plan by ensuring broad dissemination of the project's findings but also demonstrated the consortium's adaptability and commitment to achieving its goals in a respectful and inclusive manner. The videos and webinars effectively reached a wide audience, offering the added advantage of accessibility and reusability, thus amplifying the project's impact beyond the constraints of physical demonstrations. This approach reflects the consortium's dedication to balancing stakeholder engagement with ethical and practical considerations, reinforcing the overall success of the dissemination strategy.

Also, as part of the Public Demonstrations, the Grant Agreement requires feedback on visitor satisfaction to be gathered through a questionnaire, as stated: *"Public demonstration: A questionnaire will be used to obtain feedback from the audience on the value of the visit."* While this questionnaire has been made available online (via the SUREFIT website and the provided link), the original plan for in-person public demonstrations was replaced with Video Webinars due to logistical constraints. To comply with the Grant Agreement and fulfil the requirements for Deliverable D9.9, it is essential to include insights equivalent to the intended questionnaire feedback. Since no questionnaires were distributed during some of the webinars, we proposed an alternative approach. Each DEMO partner was asked to provide a short paragraph reflecting on their perception of the participants' reactions, feelings, and points of view during the webinars.

These descriptions should capture qualitative observations about how attendees engaged with the content, their overall impressions of the technologies presented, and any notable feedback shared during or after the sessions. Although this input will be subjective, it offers valuable insights.

The occupancy reports and their analysis mentioned at the GA, are presented in D9.5 Survey data of occupants' satisfaction.

7.3.1 SPAIN Building Demonstration (FSM)

The SUREFIT Webinar in Valladolid was successfully held, attracting approximately 194 participants from various professional backgrounds, including technicians, installers, builders, as well as students and educators. This diverse audience brought valuable perspectives, enriching the discussion around sustainable building retrofitting and energy efficiency.

The webinar addressed key themes relevant to the SUREFIT project, focusing on:

- The challenges posed by accelerating climate change and how to address them.
- The innovative results achieved during the four-year project.
- Strategies for applying these technological advancements to existing buildings in an efficient and impactful manner.

A significant portion of the event was dedicated to the Spanish demonstration building, with a detailed explanation of the retrofitting process tailored to its structural characteristics (video). Challenges encountered during the installation—particularly those arising from the building's

age—were thoroughly discussed, providing insights into how these obstacles were overcome. The presentation of the implemented technologies concluded with an acknowledgment of the contributions made by all consortium partners, highlighting their critical roles in the success of the SUREFIT project.

The event concluded with an interactive discussion about the path toward a more sustainable and energy-efficient future. The hybrid format of the webinar allowed for dynamic exchanges, where participants contributed insightful suggestions, further enhancing the conversation. This webinar exemplified the project's commitment to dissemination and engagement, ensuring that the innovative outcomes of SUREFIT are shared widely and effectively.



Figure 50 – SUREFIT Spanish Building Public Demonstration Event Image

For further information please see *Table 8 SUREFIT Event List*

7.3.1.1 Feedback on visitor satisfaction through a questionnaire

During the dissemination activities in Spain, efforts were made to gather audience feedback wherever possible. At the seminar held at the Valladolid School of Architecture, targeting professionals in the rehabilitation sector, teachers, and students, a structured questionnaire was distributed to participants. The survey received responses from various attendees, providing insight into their perception of the SUREFIT technologies.

The first question assessed the clarity and quality of the presentations. Most respondents rated the presentations as either "Excellent" or "Good," highlighting the high level of expertise of the speakers. The second question focused on the relevance of the topics discussed, with most participants considering them either "Excellent" or "Good." Participants also provided qualitative feedback, indicating that the seminar fostered engaging discussions and valuable knowledge exchange.

Aesthetic considerations were also addressed, particularly regarding the acceptance of energy-efficient solutions in architectural design. Respondents generally appreciated the integration of sustainable elements but emphasized the need to maintain visual harmony with existing structures. The survey further explored attendees' willingness to invest in such technologies, revealing that while there is significant interest, cost remains a primary concern.

At another dissemination event (please see *Table 8 SUREFIT Event List*), a webinar hosted by IDEVA targeted professionals in the rehabilitation sector and generated substantial interest. The event gathered 25 formal registrations and accumulated 169 views. Following this event, a second structured survey was distributed both to attendees of the seminar and visitors to the demonstration site. This questionnaire evaluated perceptions of passive cooling, hybrid PV/T solutions, and vacuum glazing. Responses indicated strong interest in technologies that enhance energy efficiency while maintaining natural daylight and views through windows. Notably, over 80% of participants rated the importance of passive cooling technologies as high, emphasizing the need for solutions that can reduce overheating without relying on active cooling systems. Additionally, during student presentations and on-site visits, attendees expressed significant interest not only in the showcased technologies but also in the broader process of European research projects. These interactions highlighted the value of cross-disciplinary collaboration and knowledge transfer between academia and industry.

Across all events, participants consistently recognized the potential benefits of the demonstrated technologies but stressed the importance of affordability and market viability. These insights provided a well-rounded understanding of the reception of SUREFIT solutions in Spain, reinforcing the need for continued efforts to optimize cost-effectiveness and integration into existing building structures.

7.3.2 Portuguese Building Demonstration (CJR & ISQ)

The SUREFIT Portugal Demo Webinar showcased the innovative renovation of the Portugal Pilot Building, serving as a demonstration of energy-efficient retrofitting and sustainable architecture. This virtual event attracted a diverse audience, including professionals from the construction and energy sectors, sustainability advocates, and individuals interested in advanced building design. The webinar featured a live demonstration of SUREFIT technologies, highlighting their real-world application in improving energy efficiency and reducing carbon emissions. Participants gained valuable insights into the cost-effective and environmentally sustainable solutions developed by the project, which are applicable to both residential and commercial buildings. The event also emphasized the long-term benefits of energy-efficient renovations, including significant financial savings and environmental impact, aligning with the goals of creating a climate-neutral future.

An interactive Q&A session allowed attendees to engage directly with the expert panel, fostering discussions about the challenges and opportunities in sustainable building retrofits. The Portugal Pilot Building was presented as a revolutionary example of how innovative technologies can transform aging structures into energy-efficient and sustainable spaces, inspiring similar projects worldwide.

This webinar demonstrated SUREFIT’s commitment to disseminating its results effectively and engaging stakeholders through interactive platforms. The event’s success is further reinforced by the availability of the webinar recording, ensuring ongoing access to its valuable content and extending its reach beyond the live audience.

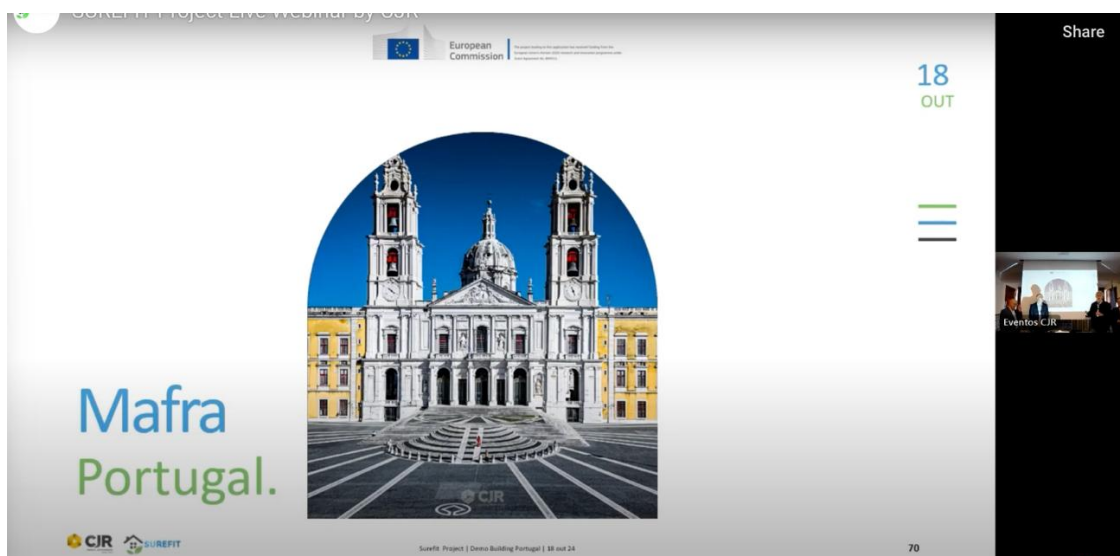


Figure 51 – SUREFIT Portuguese Building Public Demonstration Event Image

7.3.2.1 Feedback on visitor satisfaction through a questionnaire

The results of the Demonstration Event Evaluation Questionnaire (that was distributed in this webinar) indicate a highly positive reception from participants, reflecting the success of the demonstration in engaging the audience and achieving its objectives. A striking 83% of respondents rated their overall experience as “Excellent” (5/5), with the remaining 17% giving a high rating of 4/5, indicating unanimous satisfaction with the event. Similarly, the demonstration’s relevance to participants’ works or interests received identical ratings, with 83% finding it “Very Relevant” and 17% rating it 4/5.

The demonstration was also highly effective in increasing understanding of the project’s goals and outcomes, with 73% reporting a “Significant Increase” in their understanding and 27% noting a strong increase (4/5). Satisfaction with the information and resources provided was exceptionally high, with 87% “Very Satisfied” and 13% providing a positive 4/5 rating.

When asked about the likelihood of applying the strategies discussed during the demonstration to future rehabilitation projects, 73% indicated they were “Very Likely” to do so, with another 23% showing a strong likelihood (4/5). However, 3% provided a neutral response (3/5), suggesting potential barriers for a small portion of participants.

Regarding the applicability of the technologies presented, the feedback was generally positive, with 53% finding them “Very Applicable” (5/5) and 30% rating them as highly applicable (4/5).

However, 13% gave a neutral rating (3/5), and 3% expressed some uncertainty (2/5), indicating a need for further explanation or adaptation of the technologies to specific contexts.

Overall, the results highlight the effectiveness of the demonstration in engaging and informing the audience, while also revealing areas where additional outreach or customization may be required to address specific participant needs. These insights demonstrate strong alignment with the project's goals and suggest significant potential for adoption of the strategies and technologies presented.

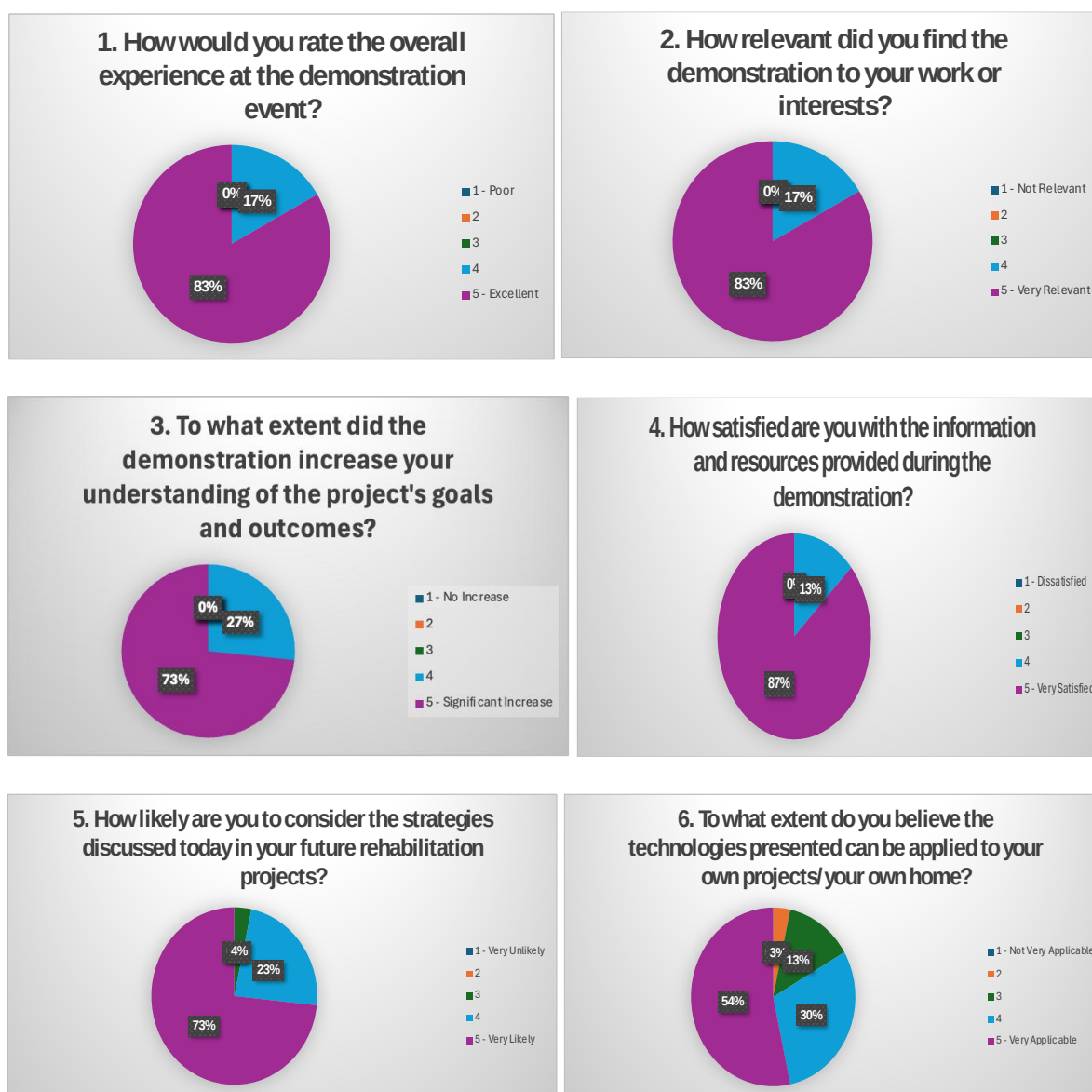


Figure 52 – SUREFIT Portuguese Public Demonstration Participants' Survey Graphs

7.3.3 Greek Building Demonstration (AMS)

As part of the SUREFIT project's dissemination activities, an insightful webinar was hosted to showcase the Greek Demo in Peristeri, Athens—a key milestone in the project. This initiative transformed a 1981 building into a model of energy efficiency through the application of innovative retrofitting technologies. The event brought together experts and participants united by their shared commitment to sustainable energy solutions. The webinar began with an introduction by Themis Sarantaenas (AMS) and an overview of the SUREFIT project presented by Sergio Tadeu (ISQ), followed by a detailed walkthrough of the Greek Demo site by Maria Pappa (AMS), who highlighted the transformation of the building before and after the renovation. Presentations from Pedro Vilela (CJR), Mahmut Buker (SOLIMPEKS), and Chris Benson (UNOTT) covered key technologies such as prefabricated façade panels, PV thermal systems, and PV vacuum glazing windows, emphasizing the innovative approaches employed to achieve energy efficiency. The event concluded with an engaging Q&A session, where participants actively interacted with the speakers, sharing perspectives and fostering meaningful discussions. This webinar successfully highlighted the transformative impact of the Greek Demo, reinforced the SUREFIT project's dedication to sustainable building practices, and inspired further action toward a more energy-efficient future.

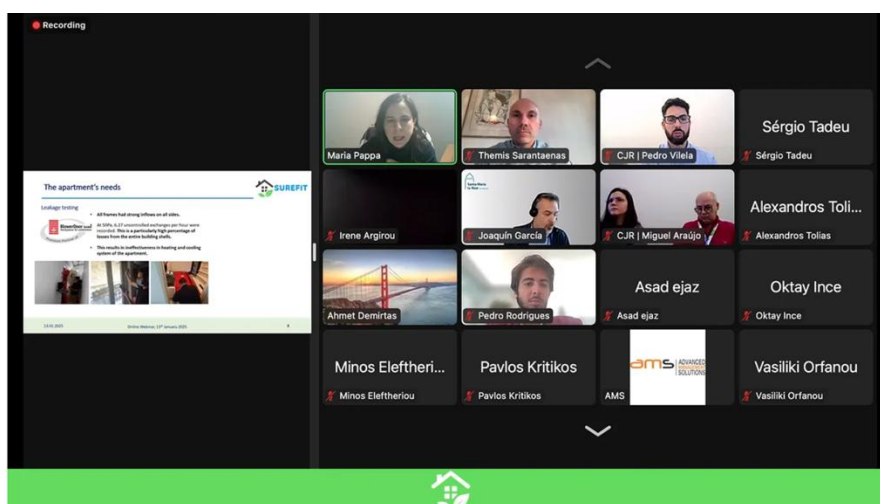


Figure 53 – SUREFIT Greek Building Public Demonstration Event Image

7.3.3.1 Feedback on visitor satisfaction through a questionnaire

For the Greek demo, the webinar served as a valuable platform to showcase the innovative technologies developed through the SUREFIT project. While the originally planned in-person public demonstrations were replaced with the webinar format, the event successfully engaged a diverse audience, including local stakeholders, engineers, architects, and students. Participants demonstrated a high level of interest in the presented retrofitting solutions, particularly in the application of PV/T (PV/Thermal Panels), Prefabricated Panels, PV Vacuum Windows, and WINCO's breathable membrane, which were tailored to address Greece's specific energy efficiency challenges.

The attendees expressed positive reactions to the solutions' practicality and scalability, highlighting their potential for widespread adoption in Greece's older building stock. Many participants asked detailed questions, indicating a deep understanding and genuine curiosity about how these technologies could be implemented in their own projects. Questions related to the cost of the SUREFIT technologies compared to conventional options, as well as their ease and speed of installation and user-friendliness, further demonstrated the participants' level of interest. Discussions highlighted the importance of ensuring these technologies are competitively priced to encourage their adoption in both residential and commercial applications.

Overall, the Greek demo webinar effectively conveyed the project's objectives and outcomes, fostering a sense of excitement and optimism about the future of sustainable retrofitting in the region. While no formal questionnaire feedback was collected, the enthusiastic engagement and thoughtful contributions of the participants provided valuable qualitative insights into the webinar's impact. These observations suggest a strong alignment between the project's goals and the needs of the Greek market, reinforcing the importance of the SUREFIT technologies in advancing energy efficiency and sustainability.

7.3.4 UK Building Demonstration (UNOTT)

The UK Building Demonstration, led by UNOTT, showcased the effectiveness of SUREFIT's innovative retrofitting technologies in improving energy efficiency and sustainability. The demonstration focused on integrating photovoltaic vacuum glazing (PV-VG), solar-assisted heat pumps (SAHP), bio-aerogel insulation, and window heat recovery units to reduce energy consumption and enhance indoor comfort. Monitoring results revealed a 62% reduction in total energy consumption, with natural gas use decreasing by 86% due to the shift to high-performance insulation and heat pumps. The project successfully demonstrated the feasibility of fast-track renovation solutions in the UK's climate, providing valuable insights for future large-scale implementations.



Figure 54 – SUREFIT UK Building Public Demonstration Event Image

7.3.5 Finland Building Demonstration (AALTO)

The Finnish demonstrations for the SUREFIT project included several targeted events aimed at different audiences. A public demonstration was held for students in the form of a lecture, though no site visits or feedback were gathered from this session. Another public demonstration for academia and end-users took place during an internal researchers' meeting this spring. This hybrid event included both a presentation and a visit to an office equipped with SUREFIT louvers; however, no feedback was collected. A more extensive public demonstration targeted experts, businesses, real estate professionals, and academics during a local seminar was held. This physical meeting attracted approximately 100 attendees, and online feedback was collected from about 10 participants. Lastly, a demonstration aimed at installers, technicians, building owners, and maintenance personnel was also performed. This event included an online presentation, with comments to be gathered informally afterward. Additionally, some Aalto technicians visited the office with SUREFIT louvers following the presentation. These demonstrations illustrate the range of engagement efforts in Finland, tailored to diverse stakeholder groups.



Figure 55 – SUREFIT Finland Building Public Demonstration Event Images

7.3.5.1 Feedback on visitor satisfaction through a questionnaire

During the dissemination activities in Finland, efforts were made to gather audience feedback wherever possible. At the Finnish Building Physics Seminar, targeting academia, industry professionals, architects, engineers, and consultants, an e-questionnaire was distributed to participants following the presentation. The questionnaire consisted of five questions and received approximately 20 responses.

The first question asked whether the Retro LUX blinds are feasible for improving indoor environmental quality under Finnish conditions. Over 80% of respondents answered positively, affirming the technology's relevance. The second question focused on the most important advantages of the blinds, offering four options: 1) reducing excess heat during summer, 2) rejecting heat without needing to close the blinds, 3) increasing daylight during dark winters, and 4) all the above. Responses were distributed as follows: 40% selected option 4, while 30% each chose options 1 and 2.

Aesthetic appeal was addressed in the third question, asking whether the Retro LUX blinds look better, worse, or equal to conventional blinds. While 70% of respondents felt the appearance was comparable to conventional blinds, 30% rated them as less visually appealing. The fourth question assessed participants' willingness to pay more for Retro LUX blinds compared to conventional options. While 30% indicated they would not pay extra, the majority—70%—were willing to spend up to €100 more per square meter of window installed. The final question asked participants to choose between a fully optimized, more expensive product and a slightly less optimized but cheaper alternative. All respondents preferred the cheaper option.

At other dissemination events, such as a webinar directed at Finnish pilot building owners and maintenance personnel, formal questionnaires were not distributed, but valuable feedback was still collected. During the webinar, the Retro LUX technology generated significant interest, with housing company representatives indicating they would consider adopting the solution if the price were reduced. Among end users, including graduate students and staff, the feedback was similar: the technology is promising but needs to be cost-competitive with conventional blinds. It was also noted that while the life cycle cost of Retro LUX blinds is already lower than most active cooling methods, they cannot provide sufficient cooling independently and would need to be supplemented with additional solutions.

Undergraduate students, another target group, responded positively to the product's aesthetics but shared similar concerns regarding its price. Across all groups, participants consistently commented on the appealing design of the Retro LUX blinds, highlighting their potential with adjustments to cost and functionality. These insights provided a well-rounded understanding of the technology's reception across diverse audiences.

The table with all SUREFIT events follows:

No	Type of event	Link	Name of Event	Date	Location	Target Audience	Partners Involved
1	Conference	https://SUREFITproject.eu/set-2022/	SET 2022	16 – 18 August 2022	Istanbul, Turkey	Researchers and Academics Industry Professionals Policymakers and Regulators Energy Companies and Entrepreneurs NGOs and Environmental Organizations Students and Young Professionals	UNOTT, AALTO, ISQ, AMS
2	Demonstration	https://SUREFITproject.eu/new-tested-technology-demonstration/	Meeting	22 September 2022	Nottingham	All Project Partners	UNOTT
3	Presentation	https://SUREFITproject.eu/SUREFIT-was-presented-by-isq-at-fenge-feira-de-engenharia-de-coimbra/	Fenge - Feira de Engenharia de Coimbra	17 October 2023	Coimbra	Engineering Students Academics and Researchers Industry Professionals Companies and Organizations	ISQ
4	Workshop	https://SUREFITproject.eu/SUREFIT-1st-scientific-workshop-was-a-success/	1st Scientific Workshop: Sustainable solutions for affordable retrofit of domestic buildings		Online	Scientist students.	AALTO, UNOTT, SOLIMPEKS



5	Workshop	https://SUREFITproject.eu/aalto-participated-in-rehva-annual-meeting-2023/	2nd Scientific Workshop: REHVA Annual Meeting 2023	27/2/2023	Belgium	Scientist students from all around Europe	AALTO
6	Conference	https://SUREFITproject.eu/SUREFIT-participated-at-sudbe2023-conference-finland/	SuDBE2023 Conference	18/8/2023	Finland	Researchers and Academics Industry Professionals Policymakers and Regulators Energy Companies and Entrepreneurs NGOs and Environmental Organizations Students and Young Professionals	AALTO
7	Conference	https://SUREFITproject.eu/SUREFIT-participated-in-international-conference-on-sustainable-energy-technologies-set-2023-conference/	SET 2023	15th – 17th August 2023	UK	Researchers and Academics Industry Professionals Policymakers and Regulators Energy Companies and Entrepreneurs NGOs and Environmental Organizations Students and Young Professionals	UNOTT, ISQ
8	Conference	https://SUREFITproject.eu/SUREFIT-seminar-in-spain-sustainable-innovation-and-rehabilitation/	Sustainable innovation and rehabilitation	22/5/2024	Spain	Industry Professionals Policymakers and Regulators Students	FSM



		https://surefitproject.eu/video-surefit-seminar-in-spain-sustainable-innovation-and-rehabilitation/					
9	Workshop	https://surefitproject.eu/surefit-project-commercial-workshop-was-a-success/	Commercial Workshop	12/6/2024	Online	Industry Professionals	PCM
10	Conference	https://SUREFITproject.eu/SUREFIT-project-at-set-2024-paving-the-way-for-sustainable-energy-solutions/	SET 2024	12th - 14th August 2024	SHANGHAI	Researchers and Academics Industry Professionals Policymakers and Regulators Energy Companies and Entrepreneurs NGOs and Environmental Organizations Students and Young Professionals	AALTO
11	Demonstration	https://SUREFITproject.eu/SUREFIT-project-demo-building-live-webinar-by-cjr/	Portugal Demo Building Demonstration		Online	Industry Professionals	CJR
12	Demonstration	https://SUREFITproject.eu/public-demonstration-highlighted-on-renueva-tu-energia-a-step-toward-energy-efficiency/	Spain Demo Building Demonstration	19/9/2024	Onsite	Industry Professionals	FSM
13	Exhibition	https://SUREFITproject.eu/SUREFIT-showcases-innovations-at-harfko-pioneering-hvac-r-solutions-for-a-sustainable-future/	HARFKO	25 - 27 Sep, 2024	Korea	Industry Professionals	PCM
14	Demonstration	https://SUREFITproject.eu/SUREFIT-webinar-in-valladolid-sustainable-innovation-and-rehabilitation/	Spain Demo Building Demonstration	28/10/2024	Hybrid	Industry Professionals	FSM
15	Clustering Event	https://SUREFITproject.eu/b4p-clustering-meeting/	B4P Clustering Meeting	14/05/2024	Hybrid	European Funded Projects	ISQ



16	Clustering Event	https://SUREFITproject.eu/SUREFIT-project-participated-in-the-kick-off-meeting-network-of-building-renovation-project/	Network of building renovation project	12/04/2024	Online	European Funded Projects	ISQ
17	Conference	https://SUREFITproject.eu/participation-at-the-rebuild-event-congreso-de-arquitectura-avanzada-y-construccion-4-0/	REBUILD event	19/3/2024	Madrid	Developers, builders, architects, quantity surveyors, engineers, interior designers, and installers	FSM
18	Building Demonstration	https://surefitproject.eu/surefit-webinar-in-valladolid-sustainable-innovation-and-rehabilitation/	SPAIN Building Demonstration	28/10/2025	Online	Technicians, installers, builders, as well as 21 students and educators	FSM
19	Building Demonstration	https://surefitproject.eu/discover-the-future-of-sustainable-construction-surefit-webinar-recap-portugal/	Portuguese Building Demonstration	7/1/2025	Online	Technicians, installers, builders, as well as students and educators	CJR & ISQ
20	Building Demonstration	https://surefitproject.eu/highlights-from-the-surefit-webinar-greek-demo-in-peristeri-athens/	Greek Building Demonstration	13/1/2025	Online	Technicians, installers, builders, as well as students and educators	AMS
21	Building Demonstration	Please see section 7.3.4	UK Building Demonstration		Physical	Technicians, installers, builders, as well as students and educators	UNOTT
22	Building Demonstration	Please see section 7.3.5	Finnish Building Demonstration		Physical	Technicians, installers, builders, as well as students and educators	AALTO

Table 8 SUREFIT Event List

8 Training

8.1 Training Materials

As part of the SUREFIT project, comprehensive training materials were developed and continuously updated to support the effective dissemination and implementation of the project's innovative technologies. These materials were meticulously designed to cater mainly students, ensuring that all people involved in the retrofitting process could fully understand and utilize the advanced solutions introduced by the project.

The training materials included detailed manuals and step-by-step guides that explained the installation, operation, and maintenance of key technologies such as bio-aerogel insulation panels, PV vacuum glazing windows, hybrid solar PV thermal systems, and PCM passive cooling panels. The content was tailored to address the unique needs of each pilot site and regularly revised to incorporate new insights and feedback gathered during the demonstration phase.

The training materials were privately available on SUREFIT's website:

<https://surefitproject.eu/training-materials-documents/> (not available to public).

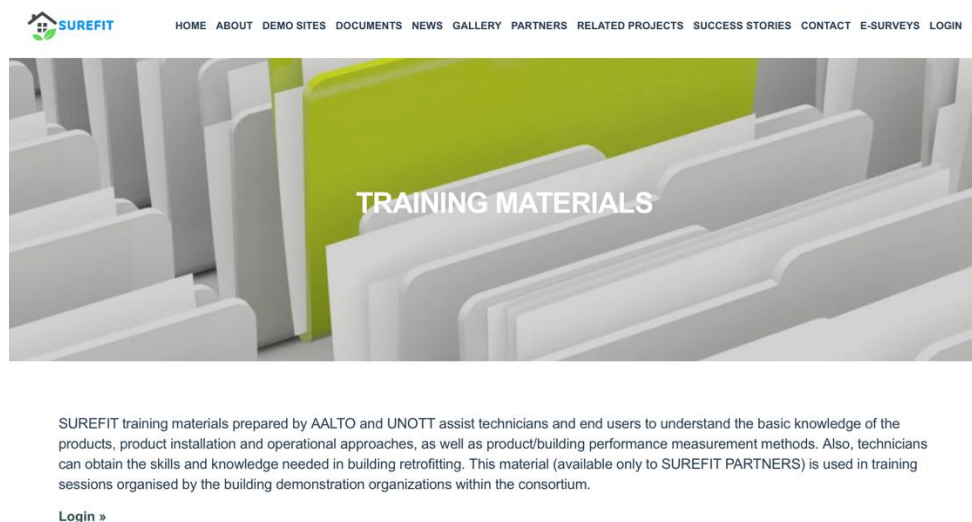


Figure 56 – SUREFIT Training Material Login



Figure 57 – SUREFIT Training PPT Materials

8.2 Training to Students

Several training sessions were successfully conducted using the comprehensive materials developed for the project. The materials were meticulously designed and updated to reflect feedback and insights gained during the demonstration phase, ensuring relevance and practicality.

In addition to the hands-on training sessions, the academic personnel involved in the project integrated the materials into their teaching curricula. These resources were utilized to deliver lectures to over 100 undergraduate and postgraduate students across various universities and institutes. By incorporating the training content into academic programs, the SUREFIT project extended its impact beyond the immediate scope of the demonstrations, fostering a new generation of professionals equipped with expertise in sustainable building technologies and retrofitting solutions. This approach ensures a legacy of the project by embedding its innovative methodologies into higher education and professional development.





Figure 58 – SUREFIT Training Pictures

Please see *Table 9 SUREFIT Training List*.

8.3 Professional Training

8.3.1 Handbook

As part of the SUREFIT project's dissemination and knowledge-sharing efforts, a handbook was developed as the public deliverable D7.2, providing guidelines and best practices for fast retrofitting of residential buildings. This resource served as a valuable tool for industry professionals, policymakers, and stakeholders seeking to implement energy-efficient renovation strategies.

Additionally, a brochure was created, featuring the Spanish case study during the project. The brochure includes detailed analyses of key parameters, such as energy consumption,

implemented components and solutions, financial costs and payback periods, user behaviour, and perception, as well as the measurable improvements achieved through renovation.

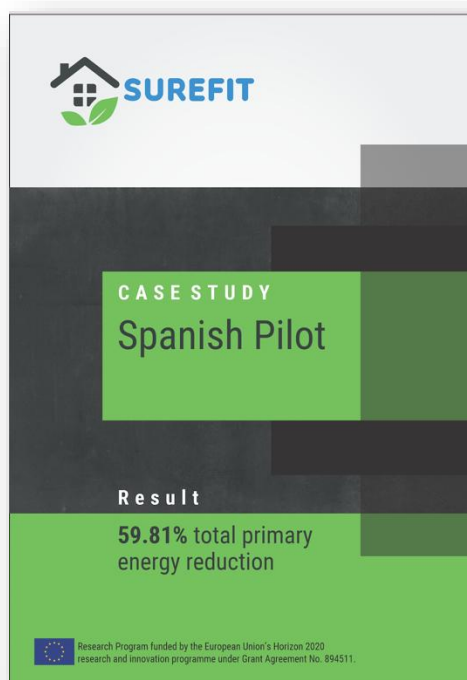


Figure 59 – SUREFIT Spanish case study Brochure

8.3.2 Training

The Grant Agreement initially outlined the organization of one-day training sessions at each pilot building site at the start of the demonstration process. These sessions were intended to cater to approximately 50 participants per site, divided into two tailored groups: one focused on training technicians in the operation and maintenance of the retrofitted technologies, and the other aimed at end-users, providing them with practical insights and guidance on maximizing the benefits of the innovations. This dual approach was designed to ensure both technical proficiency and user empowerment.

However, as with the demonstration events, practical challenges arose (as already mentioned) due to the reluctance of residents in the retrofitted homes to host large groups of visitors. Given these constraints, the consortium adapted the training strategy to ensure the project's objectives were still met. Instead of on-site sessions, comprehensive video tutorials were created to cover the training content, accompanied by virtual workshops and webinars tailored to the needs of technicians and end-users. This approach allowed for broad accessibility and engagement without compromising the residents' comfort or privacy.

By leveraging digital tools, the consortium ensured that the training materials reached the intended audience effectively, providing flexibility for participants to learn at their own pace and revisit the content as needed. This solution not only fulfilled the training goals but also highlighted the consortium's ability to adapt to unforeseen challenges while maintaining the quality and scope of the project's dissemination efforts.

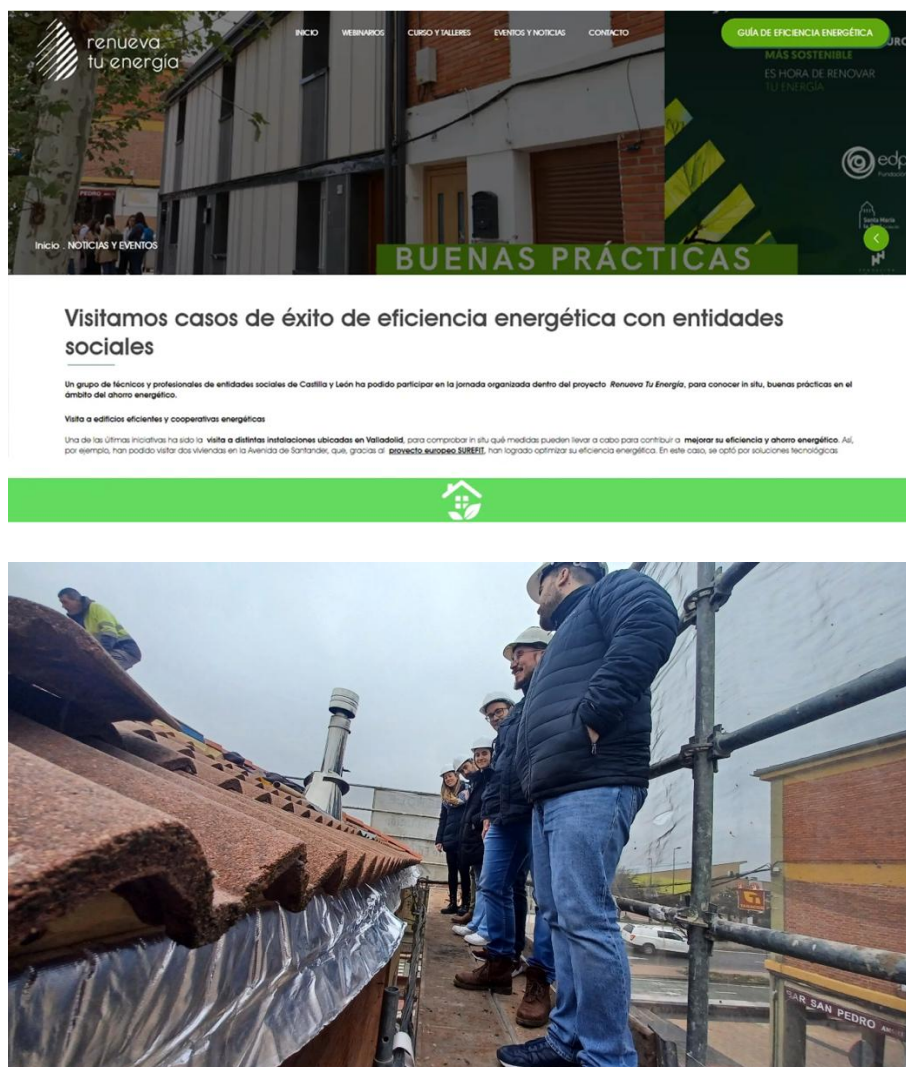


Figure 60 – SUREFIT Training & Demonstration FSM

The table with all the training activities follows:

No	Type of event	Link	Name of Event	Date	Location	Target Audience	Partners Involved
1	Training	https://SUREFITproject.eu/students-are-informed-about-SUREFIT-project/	Students are informed about SUREFIT project	21/10/22	Coimbra-Portugal	Higher Education Students	ISQ, Oncontrol
2	Training	https://SUREFITproject.eu/SUREFIT-is-presented-at-rehva-student-competition-2023/	SUREFIT is presented at REHVA student competition 2023	11/5/23	Belgium	Engineering and HVAC Students (Undergraduate and postgraduate students specializing in heating, ventilation, and air conditioning systems). Academics and Researchers (Professors and mentors guiding student projects). Young Professionals (Early-career engineers in HVAC and related fields). Industry Professionals	AALTO
3	Training	https://SUREFITproject.eu/SUREFIT-lecture-for-the-students-at-aalto-university/	Introduction of Advanced Energy Solutions	AALTO University	22/9/2023	Students	AALTO
4	Training	https://SUREFITproject.eu/SUREFIT-project-dissemination-training-at-harbin-institute-of-technology-china/	SUREFIT Project Fundamentals	Harbin Institute of Technology in China	25/9/2024	Students	AALTO
5	Training	https://SUREFITproject.eu/SUREFIT-project-dissemination-training-at-chongqing-university-china/	Engaging the next generation of Innovators	Chongqing University, China	14/11/2024	Students	AALTO



6	Training	https://SUREFITproject.eu/SUREFIT-project-dissemination-training-with-uc-factory-academy/	SUREFIT Presentation	UC Factory Academy	19/11/2024	Students	ONCONTROL
7	Training	https://surefitproject.eu/visit-to-the-surefit-spanish-demo-site-for-architecture-school-students/	Demo & Technology Presentation	Valladolid Demo Site	13/12/2023	Teachers and students	FSM
8	Training	https://surefitproject.eu/inspiring-future-architects-surefit-project-presentation-at-valladols-school-of-architecture/	SUREFIT Technology Presentation	School of Architecture in Valladolid	23/01/2024	Master's students	FSM

Table 9 SUREFIT Training List

9 Videos

Throughout the SUREFIT project, a series of engaging and informative videos were developed to showcase the project's innovative technologies, practical applications, and stakeholder involvement. These videos, uploaded on YOUTUBE, played a crucial role in disseminating knowledge, increasing visibility, and fostering engagement with diverse audiences.

Highlights included the *"SUREFIT Technology Presentation - Daylight Technology"* and *"SUREFIT Project: Transforming Home Renovation with Sustainable Innovation,"* which provided a comprehensive overview of the project's vision and cutting-edge solutions.

Several videos focused on live demonstrations, such as *"SUREFIT Technology Installation in Action"* and *"Video Demonstration - Demo Building in Spain,"* which highlighted real-world applications of SUREFIT technologies like PCM's ThinICE and SOLIMPEKS' PV/T systems. Regional perspectives were also emphasized, with features on Demo Buildings in Greece and Spain and events like the SUREFIT Seminar in Spain: Sustainable Innovation and Rehabilitation. Additionally, the video *"Meet One of the Stakeholders of the SUREFIT Project"* illustrated the collaborative spirit driving the project.

Specialized technologies were spotlighted in videos such as *"Skytech Pro XL Technology"* and *"PCM's ThinICE Technology,"* showcasing the state-of-the-art solutions developed for energy efficiency. Broader discussions on the importance of energy rehabilitation and its implications for addressing the climate crisis were presented in *"Are We Prepared for the Energy Rehabilitation Required by the Climate Crisis?"* and a humorous podcast titled *"Exploring SUREFIT Through Artificial Intelligence (AI)."*

These multimedia efforts not only educated viewers about the SUREFIT project but also served as a lasting resource for promoting sustainable innovation in building renovations, ensuring the project's legacy continues to inspire action.

In addition, all Webinars were recorded and became available to public.

No	Video Title	Link	Partner	Views (19/2/25)
1	SUREFIT Technology Presentation - DayLight Technology	https://SUREFITproject.eu/SUREFIT-technology-presentation-daylight-technology/	KÖSTER	672
2	SUREFIT Project: Transforming Home Renovation with Sustainable Innovation	https://www.youtube.com/watch?v=goHTcAMpfsg	CJR	577
3	SUREFIT technology installation IN ACTION!	https://SUREFITproject.eu/SUREFIT-technology-installation-in-action/	AALTO	26
4	Meet one of the stakeholders of the SUREFIT Project	https://youtu.be/8pjmMe4oHgE?feature=shared	ONCONT ROL	594



5	SUREFIT Seminar in Spain: Sustainable innovation and rehabilitation	https://youtu.be/aUmscYME2Nw?feature=shared	AMS	769
6	Video Demonstration - Demo Building in Spain	https://youtu.be/mNZTLdZB20Y?feature=shared	AMS	1,156
7	PCM's ThinICE technology	https://youtu.be/9ih0xIO4Mbs?feature=shared	PCM	1,303
8	SOLIMPEKS' PV/T technology	https://youtu.be/5PY0ie6euM0?feature=shared	SOLIMPEKS	1,251
9	Skytech Pro XL Technology	https://youtu.be/8KxJZ3UTx94?feature=shared	WINCO	294
10	Are we prepared for the energy rehabilitation required by the climate crisis?	https://youtu.be/eE3_V-aLSsl?feature=shared	FSM	805
11	Podcast: Exploring SUREFIT through Artificial Intelligence (AI)	https://SUREFITproject.eu/exploring-SUREFIT-through-artificial-intelligence-ai/	FSM	13
12	Demo Building Greece	https://www.youtube.com/watch?v=F9Xke2DsTnE	AMS	1,432
13	SET 2022 project introduction	https://youtu.be/RM6uBWUQOF8?feature=shared	AMS	722
14	SET 2022: Presentation 1	https://youtu.be/P1VTOdLq_ys?feature=shared	AMS	633
15	SET 2022: Presentation 2	https://youtu.be/sFKRTIIlo5A?feature=shared	AMS	657
16	SET 2022: Presentation 3	https://youtu.be/KR8loz5zKwU?feature=shared	AMS	682
17	SET 2022: Presentation 4	https://youtu.be/Y41-MQrznxo?feature=shared	AMS	747

Table 10 SUREFIT Video List

10 Clustering Activities & Associations Connections

Throughout the project, SUREFIT actively engaged in various clustering, networking, and dissemination activities to enhance visibility, foster collaborations, and contribute to the wider discourse on sustainable building renovation.

The project participated in key industry and research events, including the B4P Clustering Meeting, where knowledge exchange with other EU-funded projects helped strengthen synergies in energy-efficient retrofitting. Additionally, SUREFIT played an active role in the Kick-off Meeting for the Network of Building Renovation Projects, further integrating itself within the European research and innovation ecosystem. The project also gained significant exposure at the REBUILD event – Congreso de Arquitectura Avanzada y Construcción 4.0, showcasing its technologies to a high-profile audience in the architecture and construction sectors.

Clustering and collaboration were also reinforced through cross-project engagement. SUREFIT partnered with the RINNO Project, exchanging informative articles to expand visibility and promote shared objectives in deep renovation. The project was also featured in the REHOUSE Project's blog, strengthening its presence among initiatives working toward sustainable construction and energy efficiency. Additionally, SUREFIT was mentioned in Energy Opportunities in Horizon Europe: Community Building on "Renewables & Efficient Buildings", further aligning with EU priorities in the field.

Recognition at an institutional level was also achieved, with SUREFIT being indexed in the "European Technology and Innovation Platform on Renewable Heating and Cooling." This ensured that the project's research and outcomes were visible to policymakers, industry professionals, and stakeholders engaged in renewable heating and cooling solutions.

These activities significantly enhanced the project's outreach, strengthened collaborations within the EU research landscape, and contributed to the promotion of energy-efficient renovation strategies. By engaging with diverse platforms, participating in industry-leading events, and leveraging synergies with other projects, SUREFIT successfully increased its impact and reinforced its role in advancing sustainable building renovation in Europe.

Cluster Network:

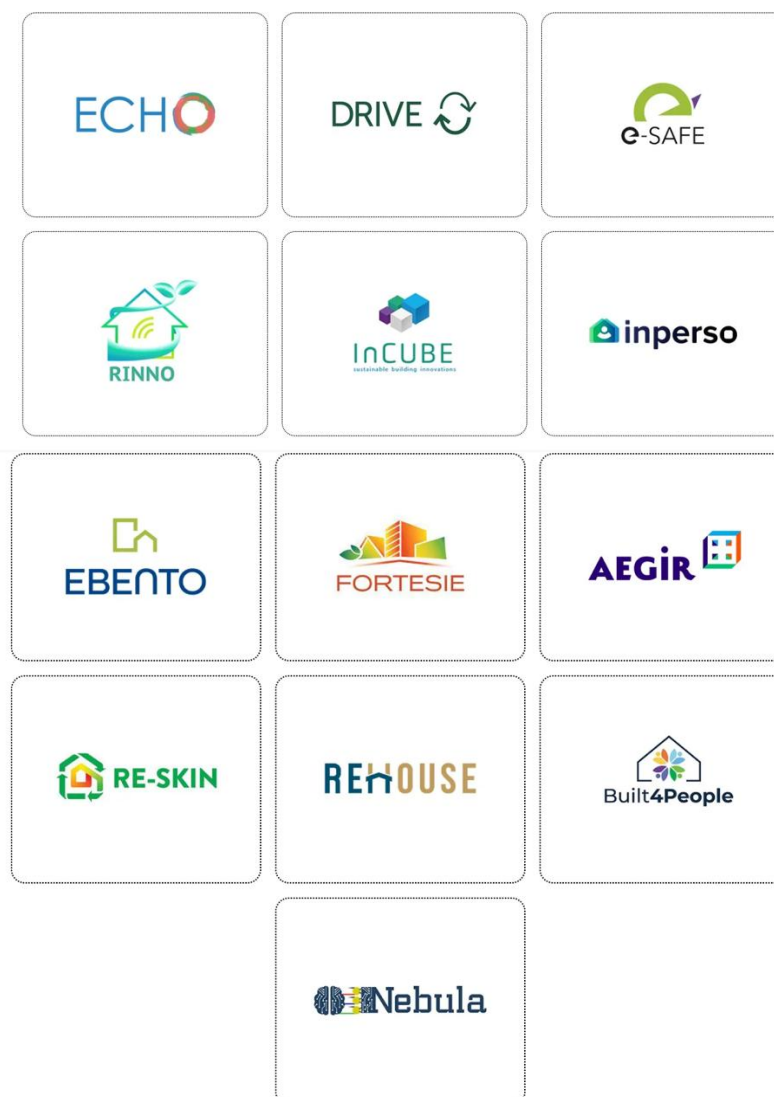


Figure 61 – SUREFIT Clustering Network

The clustering activities table follow:

No	Topic	Proof
1	B4P Clustering Meeting B4P Clustering Meeting	https://SUREFITproject.eu/b4p-clustering-meeting/
2	RINNO Project collaboration	https://rinno-h2020.eu/revolutionising-energy-efficiency-the-SUREFIT-projects-impact-on-european-buildings/



3	Indexed in the “European Technology and Innovation Platform on Renewable Heating and Cooling”	https://SUREFITproject.eu/SUREFIT-project-is-indexed-in-the-european-technology-and-innovation-platform-on-renewable-heating-and-cooling/
4	Kick-off Meeting: Network of building renovation project	https://SUREFITproject.eu/SUREFIT-project-participated-in-the-kick-off-meeting-network-of-building-renovation-project/
5	Participation at the REBUILD event	https://SUREFITproject.eu/participation-at-the-rebuild-event-congreso-de-arquitectura-avanzada-y-construccion-4-0/
6	Horizon Europe: Community Building on “Renewables & Efficient Buildings”	https://SUREFITproject.eu/clustering-SUREFIT-was-mentioned-in-energy-opportunities-in-horizon-europe-community-building-on-renewables-efficient-buildings/
7	REHOUSE Project’s blog	https://SUREFITproject.eu/SUREFIT-is-featured-at-rehouse-projects-blog/

Table 11 SUREFIT Clustering List

11 Governments/associations connection

As part of the SUREFIT project's engagement with key stakeholders, strong connections were established with governmental bodies, industry associations, and research platforms to promote the adoption of innovative retrofitting solutions. Notably, SUREFIT was indexed in the European Technology and Innovation Platform on Renewable Heating and Cooling (RHC-ETIP), ensuring its visibility among policymakers, researchers, and industry professionals working on sustainable energy solutions. This connection facilitated knowledge exchange, aligning SUREFIT's objectives with EU climate and energy policies. Additionally, collaboration with the World Society of Sustainable Energy Technologies (WSSET) further strengthened the project's outreach, enabling participation in high-impact discussions, conferences, and networking events. These strategic partnerships enhanced the project's dissemination efforts, fostering synergies with policymakers and industry leaders to drive the adoption of energy-efficient retrofitting solutions across Europe.

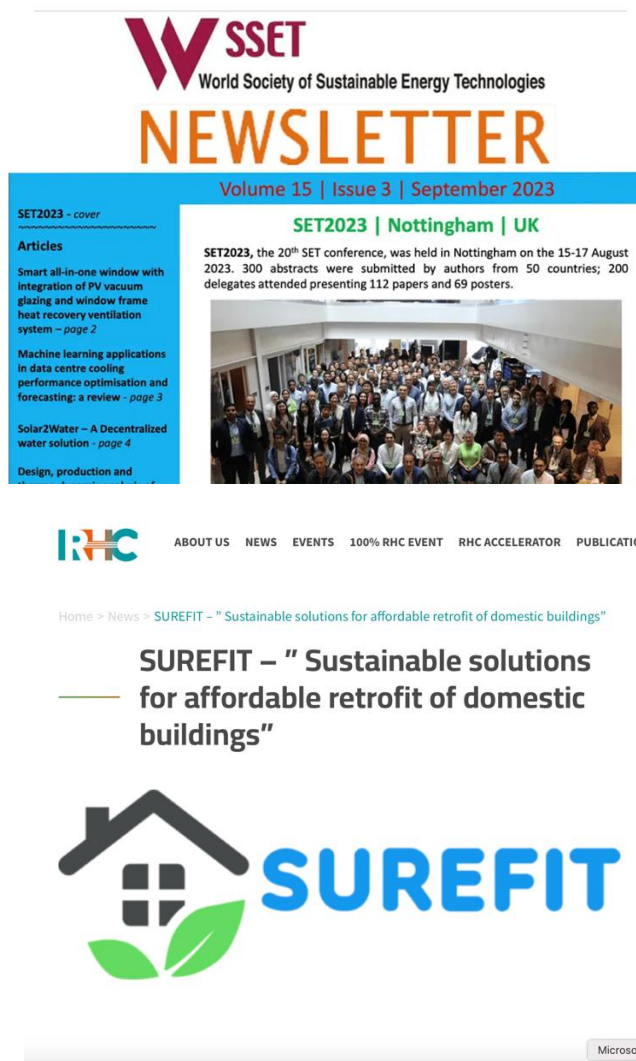


Figure 62 – SUREFIT Proof of Governments & associations connection



12 Publications

Throughout the SUREFIT project, partners actively contributed to scientific research dissemination through peer-reviewed journal publications. **A total of at least 17 papers** were planned for publication, ensuring that each participant contributed, with academic partners producing additional publications due to their research-focused roles. These papers were submitted to high-impact journals in the field of energy efficiency and sustainable building technologies, including Energy and Buildings, Building and Environment, Applied Thermal Engineering, Applied Energy, Solar Energy, Renewable Energy, and Low Carbon Technologies.

To ensure a strong link between research and industry applications, each academic partner collaborated with non-academic participants, integrating both theoretical advancements and real-world implementation insights. This approach enhanced the practical relevance of the research findings, supporting the wider adoption of energy-efficient retrofitting solutions.

All journal publications followed open access policies, aligning with EU research dissemination standards, making the project's findings freely available to researchers, policymakers, and industry professionals. By prioritizing open-access publishing, the SUREFIT project maximized the impact and accessibility of its research, reinforcing its commitment to knowledge-sharing and innovation in sustainable building renovation.

12.1 List of SUREFIT Expected Publications

No.	Type	Title	Authors	Title of the Journal/Proc./Book	Number, date or freq. of the Journal/Proc./Book	Is Peer-reviewed?	Is Open Access?	DOI	Repository Link
1	Article in Journal	An innovative window heat recovery (WHR) system with heat pipe technology: Analytical, CFD, experimental analysis and building retrofit performance	Germilly Barreto; Ke Qu; Yuhao Wang; Muriel Iten; Saffa Riffat	Energy Reports	Volume 8, November 2022	Yes	Green	10.1016/j.egy.2022.02.126	https://zenodo.org/record/6572759#.YotdB C8Ro6U
2	Article in Journal	Analysing power and energy flexibilities by demand response in district heated buildings in Finland and Germany	Yuchen Ju, Juha Jokisalo, Risto Kosonen, Ville Kauppi & Philipp Janßen	Science and Technology for the Built Environment	27	Yes	Green	10.1080/23744731.2021.1950434	https://zenodo.org/record/5727531#.YotdV S8Ro6U
3	Article in Journal	Overheating Risk and Energy Demand of Nordic Old and New Apartment Buildings during Average and Extreme Weather Conditions under a Changing Climate	Azin Velashjerdi Farahani, Juha Jokisalo, Natalia Korhonen, Kirsti Jylhä, Kimmo Ruosteenoja and Risto Kosonen	Applied Sciences	11(9)	Yes	Green	10.3390/app11093972	https://zenodo.org/record/5727400#.YovrP C8RqRs



4	Article in Journal	Effects of night-time ventilation on indoor air quality 2 in mornings – a field study	Sami Lestinen, Simo Kilpeläinen, Risto Kosonen, Maria Valkonen, Juha Jokisalo and Pertti Pasanen	Applied Sciences	11	Yes	Green	10.3390/app11094056	https://zenodo.org/record/5727198#.YovroS8Rq9Y
6	Publication in Conference proceedings/Workshop	Thermal comfort and energy demand of a Finnish detached house in a changing climate.	Farahani A, Jokisalo J, Korhonen N and Kosonen R.	D3 Professional conference proceedings Sisäilmastoseminaari - Helsinki, Finland Duration: 9 Mar 2021 → 9 Mar 2021	39	Yes	Green		https://research.aalto.fi/en/publications/thermal-comfort-and-energy-demand-of-a-finnish-detached-house-in-
7	Publication in Conference proceedings/Workshop	The risk of overheating and energy demand of a new and old Finnish apartment building in the cooling season.	Farahani A, Jokisalo J, Korhonen N and Kosonen R.	Healthy Buildings 2021 – Europe.	Proceedings of the 17th International Healthy Buildings Conference 21–23 June 2021	Yes	Green		https://zenodo.org/record/6572795#.YovtVC8Rq9Y
8	Publication in Conference proceedings/Workshop	Indoor temperature conditions and energy demand of a Finnish detached house in a changing climate.	Farahani A, Jokisalo J, Korhonen N and Kosonen R.	Cold Climate HVAC & Energy 2021	E3S Web of Conferences 246	Yes	Green	10.1051/e3sconf/202124615001	https://zenodo.org/record/6574852#.Yovuli8Rq9Y



9	Article in Journal	The Impact of Energy Renovation on Continuously and Intermittently Heated Residential Buildings in Southern Europe	Yangmin Wang, Janne Hirvonen, Ke Qu, Juha Jokisalo and Risto Kosonen	Buildings	12(9)	Yes	Green	10.3390/buildings12091316	10.3390/buildings12091316
10	Publication in Conference proceedings/Workshop	The impact of retrofitting in southern European residential buildings with intermittent or continuous heating	Yangmin Wang, Janne Hirvonen, Ke Qu, Juha Jokisalo, Risto Kosonen	International Conference on Sustainable Energy Technologies - Istanbul, Türkiye		Yes	Green		https://zenodo.org/records/10004659
11	Publication in Conference proceedings/Workshop	Sustainable renovation solutions for Finnish apartment buildings	Yangmin Wang, Janne Hirvonen, Juha Jokisalo, Risto Kosonen	18th Healthy Buildings Europe Conference,		Yes	Green		https://zenodo.org/records/10004663
12	Publication in Conference proceedings/Workshop	CO2 emissions reduction potential of sustainable residential renovations in England	Yangmin Wang, Ke Qu, Juha Jokisalo, and Risto Kosonen	11th International Conference on Sustainable Development in the Building and Environment (SuDBE2023)		Yes	Green	10.5281/zenodo.10004679	https://zenodo.org/records/10004679
13	Publication in Conference proceedings	Operational tool for selecting energy systems for small buildings based on useful energy needs	Sérgio Tadeu	20th International Conference on Sustainable Energy Technologies	Volume 3	Yes	Green		https://zenodo.org/records/10847490



	gs/Workshop							
14	Article in Journal	CO2 Emissions Reduction Potential with Novel Energy Renovation Technologies in English and Spanish Climate Conditions.	Yangmin Wang, Janne Hirvonen, Ke Qu, Maria Pappa, Sofia Papadopoulou, Constantinos Tsoutis, Stamatis Diakakis, Joaquín García Álvarez, Juha Jokisalo, Risto Kosonen	Future Cities and Environment		Yes	Green	10.5334/fce.187 https://www.researchgate.net/publication/378784921_CO2_Emissions_Reduction_Potential_with_Novel_Energy_Renovation_Technologies_in_English_and_Spanish_Climate_Conditions
15	Publication in Conference proceedings/Workshop	Sustainable retrofit solutions for southern European residential buildings	Wang, Yangmin; Hirvonen, Janne; Qu, Ke; Jokisalo, Juha; Kosonen, Risto	19th International Conference on Sustainable Energy Technologies	1	Yes	Green	10.5281/zenodo.10004584 https://doi.org/10.5281/zenodo.10004584
16	Publication in Conference proceedings/Workshop	Surefit - Sustainable solutions for affordable retrofitting of domestic buildings	Hirvonen, Janne; Wang, Yangmin; Jokisalo, Juha; Kosonen, Risto	CLIMA 2022 world conference 22nd-25th May 2022, Rotterdam (2022: CLIMA 2022 The 14th REHVA HVAC World Congress)	1	Yes	Green	10.34641/clima.2022.210 https://doi.org/10.34641/clima.2022.210



17	Article in Journal	Energy and thermal performance of optimised hollow fibre liquid desiccant cooling and dehumidification systems in mediterranean regions: Modelling, validation and case study	Iten, Muriel; Ke, Qu; Germilly, Barreto; Yuhao, Wang; Riffat, Saffa	ENERGY	3	Yes	Green	10.1016/j.energy.2022.125852	https://zenodo.org/records/12967800
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Table 12 SUREFIT Publication List

13 List of dissemination events & activities per Partner

At M3, AMS distributed an Excel file to all partners to document all planned dissemination activities in detail. Every six months, this file was updated to include both completed and newly planned activities. The final report per partner is presented below, based on the documents provided by some partners, without alterations.

13.1 ISQ

No	Part ner	Online/Offl ine	Date	Event Type	Means of dissemination	Theme	Concer ns WP	Location	URL (if applicable)	Target Audience	National/Internati onal	Number of Participa nts	Pictur es (Y/N)	Vide os (Y/N)	Status (performed/plan ned)
1	ISQ	Offline	18/10/2024	Open day	Other	Site Public Demonstration	WP5, WP6, WP7, WP8	Mafra (PT)	https://www.linkedin.com/posts/engenheiroedroville_h2020ee-surefitproject-cjr-activity-7253759934406791168-gsv?utm_source=share&utm_medium=member_desktop	Academia	national	50			Performed
2	ISQ	Offline	18/10/2024	Open day	Other	Site Public Demonstration	WP5, WP6, WP7, WP8	Mafra (PT)	https://www.linkedin.com/posts/candidojoserodrigues_innovation-sustainableconstruction-sappeti-activity-7254934866348101632-cswU?utm_source=share&utm_medium=member_desktop	Architects/Engineers	national	50			Performed
3	ISQ	Offline	5/7/24	Conference	Other	Innovative Technologies for Building Retrofitting (WHR, SAHP, EC)	WP5, WP6, WP7, WP8	Portugal (PT)	-	Stakeholders	national				Performed
4	ISQ	Offline	5/7/24	Workshop	Other	Innovative Technologies for Building Retrofitting (WHR, SAHP, EC)	WP5, WP6, WP7, WP8	Portugal (PT)	-	Internal	national				Performed
5	ISQ	Offline	15/01/2025	Workshop	Other	Publicise the research achievements	WP5, WP6, WP7, WP8	Lisbon (PT)	https://www.linkedin.com/posts/luisa-dias-pereira-00006324_isq-tecnologia-inovaaexaeto-activity-7283156141792989185-AJEE?utm_source=share&utm_medium=member_desktop	Stakeholders	national	100			planned
6	ISQ	Offline	15 - 17 Aug 2023	Conference	Oral presentation	Modelling of technologies	WP2	Nottingham (UK)	https://surefitproject.eu/surefit-participated-in-international-conference-on-sustainable-energy-technologies-set-2023-conference/	Academia	international	100			Performed
7	ISQ	Offline	2022 - 2023	Conference	Oral presentation	Modelling of technologies	WP2	Istanbul (TR)	https://surefitproject.eu/energy-performance-enhancement-of-solar-assisted-heat-pump/	Academia	international	100			Performed
8	ISQ	Online	19/06/2024	Other	TV	News report of the project /Interview	WP9	EU	https://youtu.be/YK9fXNv5VYs	Other (please explain)	international				Performed



9	ISQ	Online	12/4/24	Other	Oral presentation	Publicise the research achievements	WP9	EU	https://surefitproject.eu/surefit-project-participated-in-the-kick-off-meeting-network-of-building-renovation-project/	Other (please explain)	international	21	YES	Performed
10	ISQ	Online	17/4/24	Other	Interview	Publicise the research achievements	WP9	EU	https://cordis.europa.eu/article/id/450532-building-a-path-towards-energy-efficiency		international		NO	Performed
11	ISQ	Online	15/9/23	Other	Magazines	Publicise the research achievements	WP9	Portugal (PT)	https://edificioseenergia.pt/noticias/1509-projecto-surefit-testa-tecnologias-para-reabilitar-habitacoes-de-forma-rapida-e-acessivel/	Architects/Engineers	national			Performed
12	ISQ	Online	7/5/24	Other	Websites of companies/institutions	Publicise the research achievements	WP9	Portugal (PT)	https://surefitproject.eu/clustering-surefit-was-mentioned-in-energy-opportunities-in-horizon-europe-community-building-on-renewables-efficient-buildings/	Other (please explain)	national	60	YES	Performed
13	ISQ	Online	15/9/23	Other	Magazines	Publicise the research achievements. Ambiente Magazine	WP9	Portugal (PT)	https://www.ambientemagazine.com/isq-coordena-projeto-para-tornar-casas-mais-rentaveis-e-amigas-do-ambiente/	Other (please explain)	national			Performed
14	ISQ	Online	14/9/23	Other	Magazines	Publicise the research achievements. O Jornal Económico	WP9	Portugal (PT)	https://shorturl.at/pvEhX	Other (please explain)	national			Performed
15	ISQ	Offline	17 - 19 Oct 2022	Other	Oral presentation	Publicise the research achievements. ISQ at FENGE - Feira de Engenharia de Coimbra	WP7	Portugal (PT)	https://surefitproject.eu/surefit-was-presented-by-isq-at-fenge-feira-de-engenharia-de-coimbra/	Academia	national	5,000	YES	Performed



13.2 PCM

N o	Partne r	Online/Offlin e	Dat e	Event Type	Means of disseminatio n	Theme	Concern s WP	Locatio n	URL (if applicable)	Target Audience	National/Internation al	Number of Participant s	Picture s (Y/N)	Video s (Y/N)	Status (performed/planne d)
1	PCM	Online	2020	Social media	LinkedIn	Publicise the research project	WP8	Online	https://surefitproject.eu/social-media-activity	Professional s, Academia, Students, Public	international	-	Y	N	Performed
2	PCM	Online	2022	Technology Video	YouTube	Promoting the research project technologies	WP2, WP4	Online	https://www.youtube.com/watch?v=9ih0xIO4Mbs	Professional s, Academia, Students, Public	international	1,300	Y	Y	Performed
3	PCM	Online	2024	Workshop	Other	Publicise the research project	WP8	Online	https://surefitproject.eu/surefit-project-commercial-workshop/	Professional s, Academia, Students, Public	international	150	Y	Y	Performed
4	PCM	Offline	2024	Exhibition	Promotion	Promoting the research project and technologies	WP8	South Korea	https://surefitproject.eu/surefit-showcases-innovations-at-harfko-pioneering-hvac-r-solutions-for-a-sustainable-future/	Professional s, Businesses	international	800	Y	N	Performed
5	PCM	Online	2024	LinkedIn Post	LinkedIn	Promoting the PCM technologies used on the project	WP8	Online	https://www.linkedin.com/posts/phase-change-material-products-ltd-free-cooling-activity-7257736405320110081-Sc7t/?utm_source=share&utm_medium=member_desktop	Professional s, Academia, Students, Public	international	1,200	Y	N	Performed
6	PCM	Online	2024	Project LinkedIn Post	LinkedIn	Promoting the research project and technologies	WP8	Online	https://www.linkedin.com/posts/phase-change-material-products-ltd-tes-project-activity-7239608095037947906-Nzn5?utm_source=share&utm_medium=member_desktop	Professional s, Academia, Students, Public	international	1,318	Y	N	Performed
7	PCM	Online	2024	BLOG Post	Website	Promoting the research project and technologies	WP8	Online	https://www.ecomesh.com/news/harfko-2024-a-successful-showcase-for-ecomesh-in-seoul/	Professional s, Academia, Students, Public	international	250	Y	N	Performed



13.3 CJR

No	Partner	Online/Offline	Date	Event Type	Means of dissemination	Theme	Concerns WP	Location	URL (if applicable)	Target Audience	National/International	Number of Participants	Pictures (Y/N)	Videos (Y/N)	Status (Performed/planned)
1	CJR	Online	20/4/21	Other	Social media	Presentation of Group Participants	WP5	LinkedIn	https://www.linkedin.com/posts/cjr-group_cjr-group-participates-in-surefit-project-activity-6789970649927491585-FP_5	Public	international	2,000	Y	n	Performed
2	CJR	Online	20/4/21	Other	Social media	Presentation of Group Participants	WP5	Site	http://www.cjr-group.com/conteudos/media/detalhes.aspx?id=545&title=grupo-cjr-participa-no-projeto-surefit-um-programa-europeu-dedicado-a-solucoes&idioma=pt	Public	international	2,000	Y	n	Performed
3	CJR	Offline	March 2022	Other	Newsletters	Presentation of Group Participants	WP5	CJR Group's Newsletter (Page 43)	CJR's Magazine 2022.pdf	Public	international	700	Y	n	Performed
4	Pedro Vilela	Online	June 22	Other	Social media	Presentation of SUREFIT Project	WP5	LinkedIn	https://www.linkedin.com/posts/engenheiropedrovilela_surefitproject-surefit-project-activity-6947577324632506371-AXDg?utm_source=share&utm_medium=member_desktop	Public	international	1,395 impressions	Y	n	Performed
5	Pedro Vilela	Online	August 22	Other	Social media	Presentation of Prefabricated panel	WP5	LinkedIn	https://www.linkedin.com/posts/engenheiropedrovilela_surefit-sustainablebuildings-insulation-activity-6970531199853211648-C_fj?utm_source=share&utm_medium=member_desktop	Public	international	1,489 impressions	Y	n	Performed
6	CJR	Online	29/9/22	Other	Social media	Consortium Meeting	WP5	LinkedIn	https://www.linkedin.com/posts/candidojoserodrigues_cjr-constuaexaetocivil-surefitproject-activity-6981176507482140672-UzLb?utm_source=share&utm_medium=member_desktop	Public	international	Recent	y	n	Performed
7	CJR	Online	29/9/22	Other	Social media	Consortium Meeting	WP5	Facebook	https://www.facebook.com/story.php?story_fbid=pfbid04Fr9vJVWVjsJgJWk5e7TWSGNBRnUfzmPdNFLkthj3QrA9uCiD3nVUnXCMR9uJ4NTI&id=100063506655860	Public	international	Recent	y	n	Performed
8	CJR	Online	29/9/22	Other	Social media	Consortium Meeting	WP5	Instagram	https://www.instagram.com/p/CjFbkIfK0u0/?igshid=YmMyMTA2M2Y=	Public	international	Recent	y	n	Performed
9	Pedro Vilela	Online	30/3/23	Other	Social media	Consortium Meeting	WP5	LinkedIn Facebook Instagram	https://www.linkedin.com/feed/update/urn:li:activity:7061989833241501697	Public	international	2,300 impressions	y	n	Performed
10	CJR	Online	14/6/23	Other	Social media	Presentation of Prefabricated panel	WP5	LinkedIn Facebook Instagram	https://www.linkedin.com/feed/update/urn:li:activity:7074805408489488385	Public	international	1,449 impressions	y	n	Performed
11	CJR	Online	4/7/23	Other	Social media	Presentation of Prefabricated panel execution	WP5	LinkedIn Facebook Instagram	https://www.linkedin.com/feed/update/urn:li:activity:7081925693231538176	Public	international	Video views: 604 total	n	y	Performed
12	CJR	Online	09/08/2023	Other	Social media	Production of the insulation silica gel panels	WP5	LinkedIn Facebook Instagram	https://www.linkedin.com/feed/update/urn:li:activity:7094954553967620096	Public	international	1,705 impressions	y	n	Performed
13	CJR	Online	07/09/2023	Other	Social media	SUREFIT consortium meeting in Finland (AALTO)	WP5	LinkedIn Facebook	https://www.linkedin.com/feed/update/urn:li:activity:7105561409928724480	Public	international	751 impressions	y	n	Performed
14	CJR	Online	7/9/23	Other	Social media	Surefit Project consortium members are currently meeting in Finland (Aalto University)	WP5	LinkedIn Facebook Instagram	https://www.linkedin.com/feed/update/urn:li:activity:7105562971292000257	Public	international	1,933 impressions	y	n	Performed



15	CJR	Online	08/09/2023	Other	Social media	Sharing the SUREFIT Project LinkedIn page	WP5	LinkedIn Facebook Instagram Issuu.com	https://www.linkedin.com/feed/update/urn:li:activity:7105853965954654208	Public	international	603 impressions	y	n	Performed
16	CJR	Online	12/9/23	Other	Social media	SUREFIT Project newsletter	WP5	LinkedIn Facebook Instagram	https://www.linkedin.com/feed/update/urn:li:activity:7107416782340055040	Public	international	485 impressions	y	n	Performed
17	CJR	Online	15/9/23	Other	Social media	Sharing the SUREFIT Project LinkedIn article	WP5	LinkedIn	https://www.linkedin.com/feed/update/urn:li:activity:7108457781749256193	Public	international	583 impressions	y	n	Performed
18	CJR	Online	13/10/23	Other	Social media	Follow-up Visit Building — Mafra Pilot	WP5	LinkedIn Facebook Instagram	https://www.linkedin.com/feed/update/urn:li:activity:7118547742070628352	Public	international	2,422 impressions	y	n	Performed
19	CJR	Online	17/10/23	Other	Social media	Mafra Report	WP5	LinkedIn Facebook Instagram	https://www.linkedin.com/feed/update/urn:li:activity:7120001717231845376	Public	international	909 impressions	n	y	Performed
20	CJR	Online	7/12/23	Other	Social media	SAPPETI Assembly Manual mock-up	WP5	LinkedIn Facebook Instagram	https://www.linkedin.com/feed/update/urn:li:activity:7138494024369242114	Public	international	1,479 impressions	y	n	Performed
21	Pedro Vilela	Online	09/08/2023	Other	Social media	Production of the insulation silica gel panels	WP5	LinkedIn Facebook Instagram	https://www.linkedin.com/posts/engenheiropedrovilela_h2020ee-sustainableenergy-surefitproject-activity-7074802320798068737-vcVV?utm_source=share&utm_medium=member_desktop	Public	international	909 impressions	n	y	Performed
22	Pedro Vilela	Online	15/9/23	Other	Social media	Sharing the SUREFIT Project LinkedIn page	WP5	LinkedIn Facebook Instagram	https://www.linkedin.com/posts/engenheiropedrovilela_surefit-project-linkedin-activity-7105809120875692032-kggp?utm_source=share&utm_medium=member_desktop	Public	international	485 impressions	n	y	Performed
23	Rafaela Martins	Online	14/6/23	Other	Social media	Presentation of Prefabricated panel	WP5	LinkedIn	https://www.linkedin.com/feed/update/urn:li:activity:7094954553967620096?utm_source=share&utm_medium=member_desktop	Public	international	64 impressions	y	n	Performed
24	Rafaela Martins	Online	7/9/23	Other	Social media	SUREFIT Project consortium members are currently meeting in Finland (Aalto University)	WP5	LinkedIn	https://www.linkedin.com/posts/rafaela-martins-92a155164_h2020ee-sustainableenergy-surefitproject-activity-7105826634452103168-XvO7?utm_source=share&utm_medium=member_desktop	Public	international	202 impressions	y	n	Performed
25	CJR	Online	17/10/23	Other	Social media	Mafra Report	WP5	LinkedIn	https://www.linkedin.com/posts/candidojoserodrigues_h2020ee-sustainableenergy-surefitproject-ugcPost-7120000480423899136-PUL6?utm_source=share&utm_medium=member_desktop	Public	international	306 impressions	n	y	Performed
26	CJR	Online	07/12/2023	Other	Social media	Unveiling the SAPPETI Assembly Manual	WP5	LinkedIn Facebook Instagram	https://www.linkedin.com/feed/update/urn:li:activity:7138494024369242114	Public	international	1,575 impressions	y	n	Performed
27	CJR	Online	26/2/24	Other	Social media	Final developments regarding the installation of technologies at Mafra's Pilot Building	WP5	LinkedIn Facebook Instagram	https://www.linkedin.com/feed/update/urn:li:activity:7167829294633750529	Public	international	2,742 impressions	y	n	Performed
28	CJR	Online	03/04/2024	Other	Social media	The role of Oncontrol Technologies in the SUREFIT Project	WP5	LinkedIn Facebook Instagram	https://www.linkedin.com/feed/update/urn:li:activity:7181330804046766081	Public	international	1,302 impressions	n	y	Performed
29	CJR	Online	20/5/24	Other	Social media	CJR's SUREFIT Project Team	WP5	LinkedIn Facebook Instagram	https://www.linkedin.com/feed/update/urn:li:activity:7198243298606493698	Public	international	4,894 impressions	y	n	Performed



30	CJR	Online	29/5/24	Other	Social media	New Video: See what happened in Valladolid and SUREFIT's full day seminar!	WP5	LinkedIn Facebook	https://www.linkedin.com/feed/update/urn:li:activity:7201498412028948480	Public	international	Shared from SUREFIT Project's LinkedIn page	n	y	Performed
31	CJR	Online	01/08/2024	Other	Social media	Exciting news from the Escuela Técnica Superior de Arquitectura in Valladolid!	WP5	LinkedIn Facebook	https://www.linkedin.com/feed/update/urn:li:activity:7224689493465841664	Public	international	Shared from SUREFIT Project's LinkedIn page	y	n	Performed
32	CJR	Online	16/9/24	Other	Social media	SUREFIT Project Demo Building Live Webinar 🌱	WP5	LinkedIn Facebook	https://www.linkedin.com/feed/update/urn:li:activity:7241463738740994048	Public	international	882 impressions	y	n	Performed
33	CJR	Online	18/10/24	Other	Social media	Remind - Demo Building Live Webinar 🌱	WP5	LinkedIn Facebook	https://www.linkedin.com/feed/update/urn:li:activity:7252979844290936833	Public	international	937 impressions	y	n	Performed
34	Pedro Vilela	Online	20/10/24	Other	Social media	Sharing the photos about SUREFIT Project Live Webinar	WP5	LinkedIn Facebook Instagram	https://www.linkedin.com/feed/update/urn:li:activity:7253863278580293632	Public	international	-	n	y	Performed
35	CJR	Online	23/10/24	Other	Social media	Mafra, October 18th, SUREFIT Project dissemination. 🌱	WP5	LinkedIn Facebook Instagram	https://www.linkedin.com/feed/update/urn:li:activity:7254934866348101632	Public	international	2,222 impressions	y	n	Performed



13.4 ONCONTROL

No	Partner	Online/Offline	Date	Event Type	Means of dissemination	Theme	Concerns WP	Location	URL (if applicable)	Target Audience	National/International	Number of Participants	Pictures (Y/N)	Videos (Y/N)	Status (performed/planned)
1	ONCONTROL	Offline	2022	Seminar	Oral presentation	FENGGE 2022, a fair for university students: An oral presentation to publicise the research achievements and the innovative technologies; and a stand during the fair, where SUREFIT was disseminated	WP3	Coimbra, Portugal	-	Academia	national	5,000+	YES	NO	Performed
2	ONCONTROL	Offline	2022	Other	Stand	FENGGE 2022, a fair for university students: An oral presentation to publicise the research achievements and the innovative technologies; and a stand during the fair, where Surefit was disseminated	WP3	Coimbra, Portugal	-	Academia	national	5,000+	YES	NO	Performed
3	ONCONTROL	Offline	2024	Seminar	Oral presentation	Showcase Surefit technologies and insights on the future of smart buildings. The attendants were university students from the University of Coimbra	WP3	Coimbra, Portugal	-	Academia	national	40	YES		Performed
4	ONCONTROL	Online	2024	Other	Social media	Post about the developed electronic technologies and hardware	WP3, WP4, WP5	LinkedIn	https://www.linkedin.com/feed/update/urn:li:activity:7212039488426971137	Public	International	1,733 impressions	YES	NO	Performed
5	ONCONTROL	Online	2024	Other	Social media	Post about the PT demo building dissemination event	WP5	Linkedin	https://www.linkedin.com/feed/update/urn:li:activity:7254483469152440321	Public	International	1,052 impressions	YES	NO	Performed
6	ONCONTROL	Online	2024	Other	Social media	Post about the technologies' installation in the UK Pilot	WP3, WP4, WP5	LinkedIn	https://www.linkedin.com/feed/update/urn:li:activity:7288152238898704384	Public	International	354 impressions	YES	NO	Performed
7	ONCONTROL	Online	2024	Other	Social media	Post about the final GA meeting	WP9	LinkedIn	https://www.linkedin.com/feed/update/urn:li:activity:7293599407323713540	Public	International	813 impressions	YES	NO	Performed



13.5 AALTO

No	Partner	Online/Offline	Date	Event Type	Means of dissemination	Theme	Concerns WP	Location	URL (if applicable)	Target Audience	National/International	Number of Participants	Pictures (Y/N)	Videos (Y/N)	Status (performed/planned)
1	AALTO	Online	March 2021	Seminar	Oral presentation	Thermal comfort & Energy	2	Helsinki, Finland	-	Other (please explain)	national	N/A			performed
2	AALTO	Online	June 2021	Conference	Oral presentation	Overheating risk and energy demand of a new and old Finnish apartment building in cooling season	2	Oslo, Norway	-	Academia	international	N/A			performed
3	AALTO	Online	March 2021	Conference	Oral presentation	Thermal comfort & Energy	2	Tallinn, Estonia	-	Academia	international	N/A			performed
4	AALTO	Offline	August 2022	Conference	Oral presentation	Surefit technologies in Southern Europe	2	Istanbul, Turkiye	-	Academia	international	N/A			performed
5	AALTO	Offline	August 2022	Conference	Oral presentation	Intermittent/continuous heating in Southern Europe Surefit demo buildings	2	Istanbul, Turkiye	-	Academia	international	N/A			performed
6	AALTO	Offline	June 2023	Conference	Oral presentation	Sustainable retrofit solutions for Finnish apartment buildings	2	Aachen, Germany	-	Academia	international	N/A			performed
7	AALTO	Offline	August 2023	Workshop	Oral presentation	CO ₂ emission reduction potential with sustainable retrofits in England	2	Espoo, Finland	-	Academia	international	~30	YES	NO	performed
8	AALTO	Offline	August 2023	Workshop	Oral presentation	Retro Lux daylight louvers	5	Espoo, Finland	-	Academia	international	~30	YES	NO	performed
9	AALTO	Offline	October 2023	Seminar	Oral presentation	Retro Lux daylight louvers	5	Tampere, Finland	-	Other (please explain)	national	~100	YES	NO	performed
10	AALTO	Online	November 2023	Other	Magazines	Retro Lux daylight louvers	5		https://www.tekniikkatalous.fi/uutiset/tietynlaiset-salekaihtimet-estavat-huoneen-liian-lampenemisen-mutta-antavat-maiseman-nakya-jopa-50-ero-lamposateilyssa/150f1a91-bee7-494b-8850-949eaa0a3448	Other (please explain)	national	N/A	NO	NO	performed



11	AALTO	Offline	September 2023	Other	Oral presentation	SUREFIT technologies during introduction to advanced energy solutions (AAE-E1000) for master level students	5	Espoo, Finland	-	Other (please explain)	national	250	YES	NO	performed
12	AALTO	Offline	May 2024	Other	Oral presentation	Retro Lux daylight louvers	5	Espoo, Finland	-	Public	national	~20	YES	NO	performed
13	AALTO	Online	May 2023	Other	Oral presentation	SUREFIT- energy saving potential /REHVA European student competition	5	Brussels, Belgium	https://www.rehva.eu/news/article/rehva-student-competition-2023	Other (please explain)	national	40	YES	NO	performed
14	AALTO	Online	August 2024	Other	Oral presentation	Retro Lux daylight louvers	5	Espoo, Finland	-	Other (please explain)	national	~10	NO	NO	performed



13.6 FSM

No	Partner	Online/Offline	Date	Event Type	Means of dissemination	Theme	Concerns WP	Location	URL (if applicable)	Target Audience	National/International	Number of Participants/Audience	Pictures (Y/N)	Videos (Y/N)	Status (performed/planned)
1	FSM	Online	16/9/20	Other	Social media	Presentation of SUREFIT project	WP9	Online	https://www.facebook.com/FundacionSantaMariaReal/posts/pfbid02KK89shHJZX1giDnNWxPFqFF1T8K9heQ3Xc7k8HGdtUGWmwBABHo1UdKwNqQtPgk4l	Professionals, Academia, Students, Public	international		Y	n	Performed
2	FSM	Online	16/9/20	Other	Institutional Web Page	Presentation of SUREFIT project	WP9	Online	https://santamariareal.org/surefit-un-proyecto-europeo-para-mejorar-la-eficiencia-energetica-de-viviendas-domesticas/?fbclid=IwY2xjawlpDL5leHRuA2FibQIxMQABHYnwaSEskKL55oYH6bkKbRNavGOjF086u61Ob8o1zDRg9QXzzwkZcdOZgg_aem_ESRjBnmrsF1iB0vjiCdfg	Professionals, Academia, Students, Public	international		Y	n	Performed
3	FSM	Online	17/9/20	Other	Social media	Presentation of SUREFIT project	WP9	Online	https://x.com/FundacionSMLRPH/status/1306161112933699586	Professionals, Academia, Students, Public	international		Y	n	Performed
4	FSM	Offline	14/9/22	Consortium meeting	Social media	Consortium meeting	WP5	Nottingham	https://x.com/FundacionSMLRPH/status/1570014905142767618	Professionals, Academia, Students, Public	international		Y	n	Performed
5	FSM	Offline	7/4/23	Consortium meeting	Social media	Consortium meeting	WP5, WP8	Athens	https://www.facebook.com/FundacionSantaMariaReal/posts/pfbid0319uBCi5Y6Mg9EX4nuhmXDc1YkbBA5Mb3ZzQVMi3F95owhGRcdsgPs45XtaT7k1RBI	Professionals, Academia, Students, Public	international		Y	n	Performed
6	FSM	Offline	7/4/23	Consortium meeting	Institutional Web Page	Consortium meeting	WP5, WP8	Athens	https://santamariareal.org/viajamos-atenas-con-el-proyecto-europeo-surefit/	Professionals, Academia, Students, Public	international		Y	n	Performed
7	FSM	Offline	8/9/23	Consortium meeting	Social media	Consortium meeting	WP5, WP8	Helsinki	https://x.com/FundacionSMLRPH/status/1700093051530580478	Professionals, Academia, Students, Public	international		Y	n	Performed
8	FSM	Offline	8/9/23	Consortium meeting	Institutional Web Page	Consortium meeting	WP5, WP8	Helsinki	https://santamariareal.org/helsinki-acoge-una-reunion-del-proyecto-surefit-destinado-mejorar-la-eficiencia-energetica-de/	Professionals, Academia, Students, Public	international		Y	n	Performed
9	FSM	Offline	8/9/23	Consortium meeting	Institutional Web Page	Consortium meeting	WP5, WP8	Helsinki	https://www.linkedin.com/feed/update/urn:li:activity:7105858135420002304/?updateEntityUrn=urn%3A%3A%3AfeedUpdate%3A%28V2%2Curn%3A%3A%3Aactivity%3A7105858135420002304%29	Professionals, Academia, Students, Public	international		Y	n	Performed
10	FSM	Offline	8/9/23	Consortium meeting	Institutional Web Page	Consortium meeting	WP5, WP8	Helsinki	https://www.instagram.com/p/Cw7Xo4UAful/?utm_source=ig_web_copy_link&igsh=MzRlODBiNWFiZA%3D%3D	Professionals, Academia, Students, Public	international		Y	n	Performed
11	FSM	Online	13/12/23	Workshop	None	Presentation of SUREFIT project and technologies	WP5, WP8	Valladolid, Spain		Academia, Students	National	12	N	N	Performed
12	FSM	Online	15/1/24	Other	Press	Project development information	WP5, WP8	Online	https://www.eldiadevalladolid.com/noticia/z8a1c4f81-0095-c7f1-f55b5ff01fcfc33c/202401/tres-viviendas-mejoran-su-eficiencia-energetica-con-un-plan-ue	Professionals, Academia, Students, Public	National	92,717	Y	n	Performed



13	FSM	Online	16/1/24	Other	Social media	Project development information	WP5, WP8	Online	https://www.facebook.com/FundacionSantaMariaReal/posts/pfbid0APFUedb5pmLAfiosSucpdnVG5vAxQNKwRqoP5qsqtpjqREWjGx4YaGJC9zSw174RI	Professionals, Academia, Students, Public	internati onal		Y	n	Performe d
14	FSM	Online	16/1/24	Other	Social media	Project development information	WP5, WP8	Online	https://x.com/FundacionSMLRPH/status/1747181666315972723	Professionals, Academia, Students, Public	internati onal	121	Y	n	Performe d
15	FSM	Online	16/1/24	Other	Social media	Project development information	WP5, WP8	Online	https://www.linkedin.com/feed/update/urn:li:activity:7152948845583163393/?updateEntityUrn=urn%3Ali%3Afs_feedUpdate%3A%28V2%2Curn%3Ali%3Aactivity%3A7152948845583163393%29	Professionals, Academia, Students, Public	internati onal		Y	n	Performe d
16	FSM	Online	16/1/24	Other	Social media	Project development information	WP5, WP8	Online	https://www.instagram.com/p/C2J7byNAL8v/?utm_source=ig_web_copy_link&igsh=MzRIODBiNWFiZA%3D%3D	Professionals, Academia, Students, Public	internati onal		Y	n	Performe d
17	FSM	Online	23/1/24	Visit to the Pilot	None	Visit to the demo site	WP5	Valladoli d, Spain		Academia, Students	National	8			Performe d
18	FSM	Online	19/3/24	Presentation	Various	SUREFIT technologies and project	WP5, WP8	Madrid		Professionals, Academia, Students, Public	Internati onal	40	Y	N	Performe d
19	FSM	Online	30/4/24	Announceme nt	Social media	Seminar announce event	WP5, WP8	Online	https://www.facebook.com/FundacionSantaMariaReal/posts/pfbid02EYAdVdkNjujxifHj5iipfZtgMNUJfAE3zhbSzXcNNw1xUynn634bC99TgrZCeBzI	Professionals, Academia, Students, Public	internati onal		Y	n	Performe d
20	FSM	Online	30/4/24	Announceme nt	Social media	Seminar announce event	WP5, WP8	Online	https://x.com/FundacionSMLRPH/status/1785223300567666764	Professionals, Academia, Students, Public	internati onal		Y	n	Performe d
21	FSM	Online	30/4/24	Announceme nt	Social media	Seminar announce event	WP5, WP8	Online	https://www.linkedin.com/feed/update/urn:li:activity:7190970387017437185/?updateEntityUrn=urn%3Ali%3Afs_feedUpdate%3A%28V2%2Curn%3Ali%3Aactivity%3A7190970387017437185%29	Professionals, Academia, Students, Public	internati onal		Y	n	Performe d
22	FSM	Online	30/4/24	Announceme nt	Social media	Seminar announce event	WP5, WP8	Online	https://www.instagram.com/p/C6qgOlbgWDa/?utm_source=ig_web_copy_link&igsh=MzRIODBiNWFiZA%3D%3D	Professionals, Academia, Students, Public	internati onal		Y	n	Performe d
23	FSM	Online	7/5/24	Announceme nt reinforcement	Social media	reinforcement announce event	WP5, WP9	Online	https://www.facebook.com/FundacionSantaMariaReal/posts/pfbid0VTYotthA3o9nufqZsyMchVTQM8rvtpkyPhP9mADwo38LHVAJsmhJAhiGPYako5RAI	Professionals, Academia, Students, Public	internati onal		Y	n	Performe d
24	FSM	Online	7/5/24	Announceme nt reinforcement	Social media	reinforcement announce event	WP5, WP9	Online	https://x.com/FundacionSMLRPH/status/1787792257376006441	Professionals, Academia, Students, Public	internati onal		Y	n	Performe d
25	FSM	Online	7/5/24	Announceme nt reinforcement	Social media	reinforcement announce event	WP5, WP9	Online	https://www.instagram.com/p/C6YPxPYOrYV/?utm_source=ig_web_copy_link&igsh=MzRIODBiNWFiZA%3D%3D	Professionals, Academia, Students, Public	internati onal		Y	n	Performe d
26	FSM	Online	7/5/24	Announceme nt reinforcement	Press	reinforcement announce event	WP5, WP10	Online	https://www.eldiadevalladolid.com/noticia/z3ba98703-afcb-07e2-0b3a7ede84c68cce/202405/valladolid-acogera-una-jornada-sobre-innovacion-sostenible	Professionals, Academia, Students, Public	National		Y	n	Performe d

27	FSM	Online	7/5/24	Announcement reinforcement	Press	reinforcement announce event	WP5, WP11	Online	https://www.eldiadevalladolid.com/noticia/z3ba98703-afcb-07e2-0b3a7ede84c68cce/202405/valladolid-acogera-una-jornada-sobre-innovacion-sostenible	Professionals, Academia, Students, Public	National				
28		Online	17/5/24	Announcement reinforcement	Social media	reinforcement announce event	WP5, WP10	Online	https://www.facebook.com/FundacionSantaMariaReal/posts/pfbid02kihL4HvM3yW66Sxthg41YHSLVc3rzTgsJHS2cnxtgypt8Sxjs1Ud2vXEo5oTzqmMI	Professionals, Academia, Students, Public	international	Y	n	Performed	
29	FSM	Offline	22/5/24	Seminar	Blog	reinforcement announce event	WP5, WP9	Valladolid, Spain	https://www.liceus.com/seminario-sobre-innovacion-y-rehabilitacion-sostenible/	Professionals, Academia, Students, Public	international	11,352	Y	n	Performed
30	FSM	Offline/ Online	22/5/24	Seminar	Various	Presentation of technologies and showroom	WP5, WP8	Valladolid, Spain		Professionals, Academia, Students, Public	International	38	Y	Y	Performed
31	FSM	Online	28/5/24	Seminar	Social media	reinforcement announce event	WP5, WP9	Valladolid, Spain	https://www.facebook.com/FundacionSantaMariaReal/posts/pfbid033PyC85y7nDuLEiaSxXW3tGSoVZJDF15CsJs4mdezRR73zcwH1piPiQzrDb12AAPJI	Professionals, Academia, Students, Public	international	Y	n	Performed	
32	FSM	Online	28/5/24	Seminar	Social media	reinforcement announce event	WP5, WP9	Valladolid, Spain	https://x.com/FundacionSMLRPH/status/1795026362865954935	Professionals, Academia, Students, Public	international	Y	n	Performed	
33	FSM	Online	28/5/24	Seminar	Social media	reinforcement announce event	WP5, WP9	Valladolid, Spain	https://www.linkedin.com/feed/update/urn:li:activity:7201148852278562816/?updateEntityUrn=urn%3Ali%3Afs_feedUpdate%3A%28V2%2Curn%3Ali%3Aactivity%3A7201148852278562816%29	Professionals, Academia, Students, Public	international	Y	n	Performed	
34	FSM	Online	28/5/24	Seminar	Social media	reinforcement announce event	WP5, WP9	Valladolid, Spain	https://www.instagram.com/p/C7gb-pUA1SQ/?utm_source=ig_web_copy_link&igsh=MzRlODBiNWFiZA%3D%3D	Professionals, Academia, Students, Public	international	Y	n	Performed	
35	FSM	Offline	19/9/24	Surefit presentation to social institutions	SUREFIT WEB Page	Presentation of SUREFIT technologies and Spanish pilot	WP5, WP6, WP8	Valladolid, Spain	https://surefitproject.eu/public-demonstration-highlighted-on-renueva-tu-energia-a-step-toward-energy-efficiency/	Professionals, Academia, Students, Public	National	Y	n	Performed	
36	FSM	Online	19/9/24	Surefit presentation to social institutions	Institutional Web Page	Presentation of SUREFIT technologies and Spanish pilot	WP5, WP6, WP8	Valladolid, Spain	https://www.renuevatuenergia.org/noticias_eventos/visitamos-casos-de-exito-de-eficiencia-energetica-con-entidades-sociales-ne6	Professionals, Academia, Students, Public	National	Y	n	Performed	
37	FSM	Offline	19/9/24	Public demonstration	Institutional Web Page	Presentation of SUREFIT technologies and Spanish pilot	WP5, WP8	Valladolid, Spain	https://surefitproject.eu/public-demonstration-highlighted-on-renueva-tu-energia-a-step-toward-energy-efficiency/	Professionals, Academia, Students, Public				Performed	
38	FSM	Online	26/9/24	Surefit presentation to social institutions	Social media	Presentation of SUREFIT technologies and Spanish pilot	WP5, WP6, WP8	Valladolid, Spain	https://www.facebook.com/FundacionSantaMariaReal/posts/pfbid02t37GGQwYZDiHNGz4W1L13YFSifNsKuTjd3vrRSr81xme5uTh95LThPGrRWXpV1oDI	Professionals, Academia, Students, Public	international	Y	n	Performed	
39	FSM	Online	18/10/24	Workshop announcement	Social media	Installation of technologies and results	WP5, WP6, WP8	Valladolid, Spain	https://www.facebook.com/events/1080058780131272/?post_id=1080058830131267&view=permalink	Professionals, Academia, Students, Public	National	Y	n	Performed	



40	FSM	Offline/ Online	21/10/24	Workshop announceme nt	Institutional Web Page	Installation of technologies and results	WP5, WP6, WP8	Valladoli d, Spain	https://santamarialareal.org/valladolid-acoge-un-coloquio-participativo-sobre-rehabilitacion-y-eficiencia-energetica/	Professionals, Academia, Students, Public	National	Y	n	Performe d	
41	FSM	Offline/ Online	28/10/24	Workshop	Social media	Installation of technologies and results	WP5, WP6, WP8	Valladoli d, Spain	https://www.facebook.com/FundacionSantaMariaReal/posts/pfbid02LxpBqnYsftkoSqQCxx41AdRg7RiiGSV6WtCjdyMVQefRRngrkWyDK2VU6svXe4XuI	Professionals, Academia, Students, Public	National	25/169	Y	Y	Performe d
42	FSM	Offline/ Online	28/10/24	Webinar announceme nt	Social media	Installation of technologies and results	WP5, WP6, WP8	Valladoli d, Spain	https://www.linkedin.com/posts/fundaci-n-santa-mar-a-la-real-fill-estamos-preparados-para-la-rehabilitaci%C3%B3n-activity-7252955073486438401-clnZ/?utm_source=share&utm_medium=member_desktop&rcm=ACoAAQDV4EBcmMxxblmOb9XXS_PWnzBLCM6J88	Professionals, Academia, Students, Public	National	Y	n	Performe d	
43	FSM	Online	3/1/25	Online Workshop	Institutional Web Page	Presentation of results	All	Online	https://santamarialareal.org/event/workshop-demostracion-de-resultados-proyecto-surefit/	Professionals, Academia, Students, Public	internati onal	Y	n	Performe d	

Conclusions

The SUREFIT project has successfully demonstrated innovative and scalable solutions for fast-track energy-efficient retrofitting of residential buildings, addressing key challenges in sustainability, energy consumption, and occupant comfort. By integrating advanced technologies such as PV/T panels, prefabricated façade systems, PV vacuum glazing, and smart breathable membranes, the project has provided cost-effective, efficient, and adaptable renovation methods for Europe's aging building stock.

Through extensive demonstration activities across five countries (Finland, Greece, Portugal, Spain, and the UK), SUREFIT has validated the feasibility of its solutions in diverse climates and building conditions. The insights gained from these real-world applications have been instrumental in refining the project's technologies and strategies, ensuring their relevance and applicability for future large-scale adoption.

A robust dissemination strategy has played a crucial role in maximizing the project's impact. SUREFIT engaged a wide audience through scientific publications, industry conferences, policy workshops, social media campaigns, and stakeholder networking events. Clustering efforts with other EU-funded projects further strengthened collaborations, ensuring knowledge exchange and broader dissemination of best practices. The project's inclusion in key industry platforms, such as the European Technology and Innovation Platform on Renewable Heating and Cooling, has enhanced its visibility among policymakers, researchers, and industry professionals.

Moreover, training materials, guidelines, and case study reports have been developed to support the continued adoption of SUREFIT's innovations beyond the project's duration. By incorporating these resources into academic curricula and professional training programs, the project has ensured that its impact will extend to future generations of architects, engineers, and policymakers working in the field of sustainable building renovation.

Overall, SUREFIT has successfully met its objectives, paving the way for the large-scale implementation of energy-efficient retrofitting solutions across Europe. The project's outcomes contribute to the EU's climate and energy goals, supporting the transition toward a more sustainable, low carbon-built environment. Moving forward, the knowledge, technologies, and methodologies developed through SUREFIT provide a strong foundation for future advancements in deep renovation strategies, ensuring that existing buildings can meet the challenges of energy efficiency, affordability, and environmental sustainability.

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