

Deliverable D7.1

First Dissemination Plan, Clustering engagements & Production of Project Website, brochure and leaflet

WP7

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Other authors	Anna Bortkiewicz (IZNAB) Emil Lezak (IZNAB) Vilma Ducman (ZAG) Sabina Kramar (ZAG) Francesca Becherini (CNR-ISAC) Adriana Bernardi (CNR-ISAC) Maria Di Tuccio (CNR-ISAC)

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Publishable summary

The "First Dissemination Plan, Clustering engagements & Production of Project Website, brochure and leaflet" is a public document delivered in the context of WP7, Task7.1: "Development of the Dissemination Plan and Networking activities" and Task 7.3: "Communication of project's results with regard to creation of preliminary dissemination plan, training plan, website and dissemination materials in form of leaflet and brochure".

This document is directed to public audiences as well as to external stakeholders in order to show basic information about the project market wisely. This deliverable includes information about the planned trainings and workshops so that the targeted groups are well informed about appearance of project in public. Moreover, it includes all detailed information about communication materials and planned future dissemination actions. The reader can find information about frequency of updates in order to follow the project progress.



Abbreviations

InnoWEE	INNO vative pre-fabricated components including different W aste construction materials reducing building E nergy and minimising E nvironmental impacts
DP	Dissemination Plan

Introduction

This Deliverable comprises the actions undertaken in Task 7.1 and Task 7.3. The development of the Dissemination Plan (DP) was done in order to assure of project visibility on European market. The DP will detail the actions/ events/ documents for each target group and for each partner in the project. It will enlarge interest, involving public and private stakeholders and finally introducing the products to the market. The communication activity will follow alongside the project life-cycle with different actions and events. The partners in the consortium which are part of the construction value chain like the material producers, the component assemblers and the construction companies will have sufficient material and knowledge to move to the next future phase in the commercialisation of the developed products. The interested SME's partners of the project and also the involved industrial network by means of personnel links and dissemination activities (workshops, fairs, etc.) will be also interested to continue the work after the conclusion of the project. This should permit to arrive at the final stage of introduction into the market, using other instruments offered by the Commission, for example the SME instrument or by their own investment.

The design of an effective dissemination plan (DP) for the project results builds on a clear understanding of the complexity of the multi contextual market of the construction sector and the involved stakeholders as well as on an assessment of nontechnical barriers, mainly related to the strict environmental policies regulations and conservative nature of the sector, its attitude towards lower initial investments using state of the art proven technologies as well as a difficulty in retrieving clear information on actual economic advantages related to new technologies.

The building market is indeed diverse and complex. The commercial relationships between the many specialists involved are intricate and may result critical in sparking action beyond InnoWEE. The sector is characterized by the fragmentation within sections of the value chain and lack of integration among them. Furthermore, local authorities influence the value chain through enacting building policies for their areas. It is a common belief that the cumulative experience and the commitment of partners may help in gaining acceptance through the value chain and by local authorities, including standardization and certification bodies. This would require extensive demo of the system. The availability of working demonstrators is a key milestone and a driver to go beyond paper work with concrete working solutions.

Dissemination measures are conceived as a continuous process of providing information on the quality, relevance, impact and effectiveness of the results of the project to key stakeholders in the value chain – targeted at the scientific community, opinion makers and potential users– in order to achieve the maximum impact of project results and an optimal return on investment of the European taxpayer's money. This will be achieved by means the approach suggested by European Innovation Partnership on Raw Materials³⁴, i.e. with a partnership in InnoWEE with a close multidisciplinary cooperation between research community and industry through the complementary actions to achieve technical leadership in sustainable processing and refining.

1.1 Relation to other activities

This phase comprises all the horizontal, supporting activities of the project. The dissemination and communication activities are strongly related to project results. At this stage there is done early planning for each partner regarding the training activities. The work packages that are relevant for this task are shown in Figure 1.

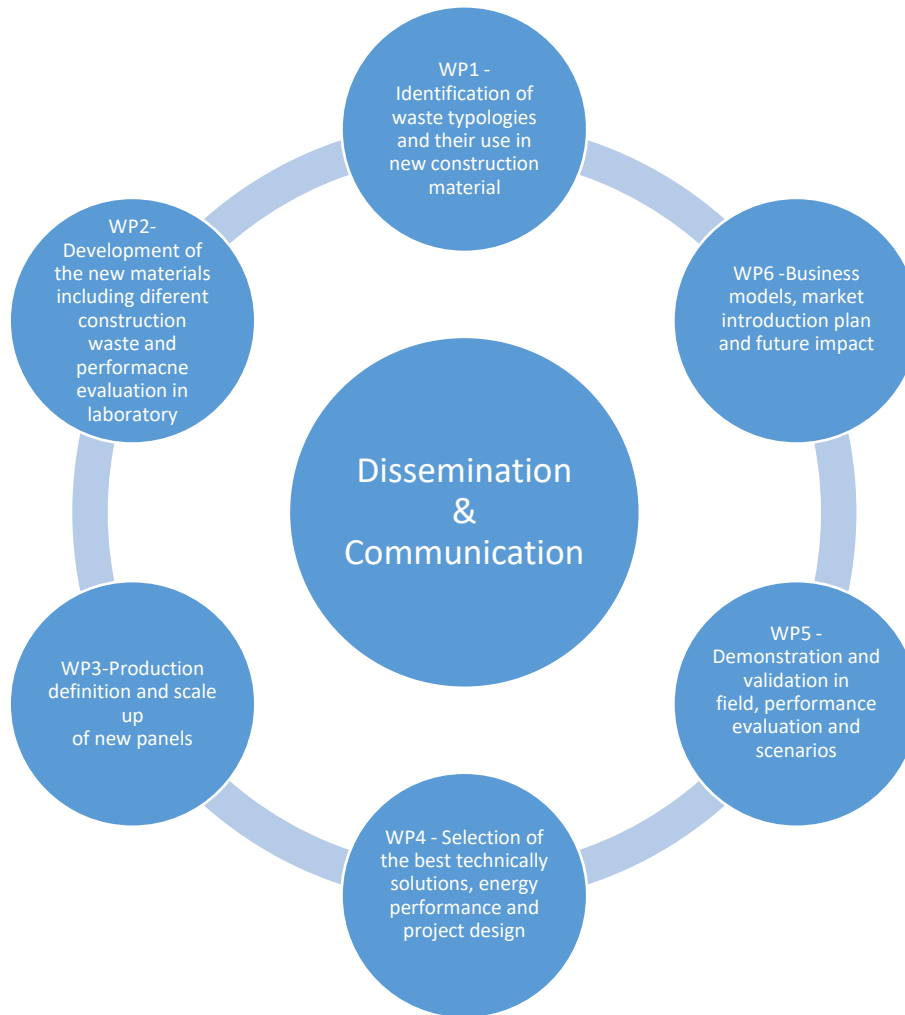


Figure 1. Relation between work packages and dissemination activity.

The Work Package that will have the most relevant impact on the commercial side of project is WP5, where the demonstration of the developed panels will be tested. These results will be crucial and will be presented in final stages of the project on many workshops and organised trainings.

1.2 Partners contribution

There must be marked relevant partner’s contribution, as they will be and are the ones that have technical knowledge of project and will be responsible for press-releases, participation in events and preparation of training plan. In the Table 1 there is shown role of each partner in the dissemination process.

Table 1. Partner’s contribution to dissemination activities

Partner acronym	Main role in the project	Contribution to dissemination activities
CNR	Coordinator, laboratory testing and demonstration	Training, press-releases, publications, participation in events, networking and clustering organisation, preparation of training and workshop, translation of dissemination tools

AMSOLUTION	Manufacturing of panels and demonstration	Press-releases, participation in events, preparation of training and workshop, translation of dissemination tools
R.E.D	Coordination of installation on demonstration site	Press-releases, participation in events, preparation of training and workshop, translation of dissemination tools
TECNALIA	Optimisation of project results and demonstration	Press-releases, participation in events, preparation of training, translation of dissemination tools
ECO	Provision of CDW material for testing	Press-releases, participation of events, translation of dissemination tools
Pietre Edil	Business modelling and demonstration	Press-releases, participation in events, preparation of training and workshop, translation of dissemination tools
IZNAB	Dissemination and exploitation management	Website, leaflet and brochure preparation and update, coordination of preparation training, workshops. Final conference and international workshops organisation
ZAG	Waste selection and testing of qualities for construction materials, demonstration	Press-releases, participation in events, preparation of training, translation of dissemination tools
MAGNETTI	Design of installation of panels for demo-site	Press-releases, participation in events, translation of dissemination tools
VOULA	Owner of demo-building in Greece, active participation in dissemination in order to reach local authorities	Press-releases, participation in events, translation of dissemination tools, communication with local authorities

Each of the partner will provide a report from their activities on IZNAB request. At this moment first events participations and planned were collected together with previsioned publication.

2 Summary and objective

There was developed Gantt Chart that will serve as indicator of progressing within training, dissemination and communication activities. The first workshop/training plans were developed and distributed to corresponding partner. Regarding the communication activities contacts with external partners for networking were undertaken. There is also a proposition of clustering with other EU project corresponding to InnoWEE call topic. These actions will improve the visibility of project, its relation to stakeholders and scientific communities. In order to reach audiences at this moment there is prepared official website (that will be updated periodically), leaflet and brochure. These tools will be used throughout whole project to maintain first contact with external target groups.

The main objective of this deliverable is to provide draft version of dissemination plan that will be executed during the project. At this moment the target groups have been defined and channels through they can be reached. There are also indication of possible magazines and scientific publications for publication purpose. The plan is to have quarterly press-releases done by partners and monitored by IZNAB. This will make project innovation more remarkable.

Other relevant actions that will be taken into account are participation in events relevant for the project. For this purpose a list with proposed events was developed. In addition each of the partners already provided their update on dissemination action.



3 Dissemination Plan

Dissemination and Exploitation where the InnoWEE solutions will be used for specifically targeted exploitation activities by the consortium partners during and after the end of the project. The Dissemination Plan will detail the actions/ events/ documents for each target group and for each partner country in the project. It will be part of the first progress report and will be updated and completed for each reporting period.

The partners will draft a Training, Education and Dissemination Plan within the first 6 months of the project in order to allow the information to reach the target groups. This plan will be further discussed on 6M meeting planned to take place in Padua. The Dissemination Plan is designed by IZNAB with participation of all consortium partners.

3.1 Stakeholders and target audiences

The dissemination process needs addressing to proper audiences in order to obtain successful deployment and business. In Table 3 there are presented key target groups selected for the project.

Table 3. Key target audiences for InnoWEE project

	Target group	Sector
Key	Professionals	Architects, engineers, technician, designer, retrofitting
	Consultancy	Construction, energy efficiency, CDW management, retrofitting
	Producers/manufacturers/sellers	Construction, Insulation panels
	Research Institutes	R&D in energy efficiency, circular economy, materials
Secondary	Building owners	Private, real estate agencies
	Scientific communities and Educational Institutions	Universities, schools, formation centres
Tertiary	Associations, chambers, public entities, media	Construction, energy efficiency, environment, circular economy
	General Public	At EU level as well as global

Targeted collectives for disseminations practices will include: Local Authorities & National/Regional Public Bodies; European Networks of Cities and associations for promotion of social housing; Customers of the developed solutions; European building sector and related Technology Platforms; Professionals (architects, engineers); Research community.

As stakeholders, CDW permitting authorities and CDW recycling companies / associations will be specifically contacted and informed on the logic, products, results and exploitation opportunities realized within this project.

3.2 Channels of communication

In order to address selected target groups there must be used certain channels of communication. The project must be recognised not only in public field but also in professional. For this reason the best way to get in touch with all of those groups is through:

- ✓ Internet - using internet as a tool of communication is efficient, as it allows for every targeted group to follow the project results. Therefore, the official website of the project is launched, as well as maintained social media accounts on Twitter and LinkedIn. In future perspective, while the video will be launched, and prepared training materials, the YouTube account will be opened.

- ✓ Print media –this channel is used for advertising purposes, as informing about project through press releases, as well as for research communities’. It would promote and inform about specific results obtained throughout the project.
- ✓ Events – participation in conferences, fairs, and workshops enhance the business relation contact, that are organised internationally international conferences.
- ✓ Trainings – preparation of trainings will help external stakeholders understand the developed technology in wider extension.
- ✓ Networking – workshops, trainings for the external groups not involved in EU programme H2020.
- ✓ Clustering - workshop organised with other research projects.

Table 4. Methodology to reach target groups

	Target group	Sector	Communication channels
Key	Professionals	Architects, engineers, technician, designer, retrofitting	Internet, Print media, Events, Networking, Trainings
	Consultancy	Construction, energy efficiency, CDW management, retrofitting	Internet, Print media, Events, Networking, Trainings
	Producers/manufacturers/sellers	Construction, Insulation panels	Internet, Print media, Events, Networking,
	Research Institutes	R&D in energy efficiency, circular economy, materials	Internet, Print media, Events, Networking, Clustering
Secondary	Building owners	Private, real estate agencies	Internet, Print media
	Scientific communities and Educational Institutions	Universities, schools, formation centres	Internet, print media
Tertiary	Associations, chambers, public entities, media	Construction, energy efficiency, environment, circular economy	Internet, print media
	General Public	At EU level as well as global	Internet, print media

3.3 Training and workshops

Lead partner	IZNAB
Other partners	ZAG, CNR, AMSOLUTIONS, TECNALIA, RED, Pietre Edil
Due date	M24-27, M33-M48
Target audiences	Professionals, Producers, Commercial
Place	Greece, Italy, Romania, Slovenia, Spain, Belgium

First each involved WP leader (WP1-WP7) will have the responsibility of preparing the training material for the respective WP, which will become part of the training manual. The training material is supposed to include short movies, virtual reality animations and interactive learning methods (quizzes). Regarding the training manual, it will be created in the English language and translated in different national languages. This prepared training material will be disseminated to professionals, students, end users and stakeholders operating and involved in the construction sector, a technical manual, short technical videos showing the methodology of installation, etc. In Table 5 the planned workshops in the project are shown.

Table 5. Planned events for InnoWEE project

Number of Workshops	Place	Responsible	When	Duration	Target Group	Purpose
6 Training	Greece Italy Romania Slovenia Spain Belgium	AMS CNR PIETRE ZAG TECNALIA RED	M33- M48	1 day	Professionals, Consultancy	Introduction of the use of the new developed materials. As architects and engineers are the prescribers and technicians/craftsmen are often the advisers of new products
4 National	Italy Greece Romania Belgium	CNR AMS PIETRE RED	M38- M48	1 day	Professionals, Consultancy, manufacturers	Internal promotion and presentation of results obtained on the demo sites after applying the new developed materials
3 International	To be defined	IZNAB	M24-27, M36-39, M47-48	1 day	Professionals, consultancy, manufacturers	Promotion and presentation of project innovation at European level

3.3.1 Preliminary training plan

Each of the partners was asked about their vision of the training. This preliminary plan will help in further coordination within national and international workshops. All of the organised events will be planned to take place after M30th of the project, therefore this would result in integration of some of the events. During the M6th Consortium Meeting the possibilities and more precise planning could be done directly with all of the partners. In addition, IZNAB can plan in advance the preparation of dissemination materials that will be needed for the workshops/trainings. In Table 6 a preliminary plan from six partners is shown.

Table 6. Training preliminary plan

Partner	Industry	Title	Main Objective	Specific Objectives	Target Group	Materials	Trainer	Outline	Dissemination plan	Where	Budget	Date
SC PIETRE EDIL SRL	Construction	Innovative pre-fabricated components including different waste construction materials reducing building energy and minimising environmental impacts	Training and presentation of the results of WP6 - Business models, market introduction and future impact	<ul style="list-style-type: none"> • Presentation of the innovative product's pre-fabricated components; • Presentation of the production and installation methods; • Presentation of the costs of the new products and their performance during the whole life cycle (LCCA); • Presentation of the exploitation plans for the different European markets; • Presentation of the Case Pilot; • Costs, environmental and social impacts. 	Architects, engineers, energy consultants, constructors, technicians, CDW permitting authorities, CDW recycling companies / associations, InnoWEE Partners. (cca 15-20 persons). In function of the participants if necessary 2 parallel sessions will be organized during the training: one for specialists, and one for non-specialists.	Short videos, virtual reality, animations and learning methods (presentations, printed materials)	To be defined	The training will last around 6-8 hours and it will follow the scope of the training using the following types of materials: short videos, virtual reality, animations and learning methods (presentations, printed materials).	The invitations will be sent by e-mail beginning with July 2019; Confindustria Romania will contribute to help us to inform the companies about the course. We will use the Pietre Edil website to post a description of the training and an application form and we will promote the training in the events in which we will participate.	Slanic Street, no2, Bucharest, Romania - In the training room . If the number of the persons will be more then 20, we will organise it on a Confindustria's training rooms	4000 - 5000 Euros	43 Month (July 2020)



TECNALIA	Construction	Innovative pre-fabricated components obtained from CDW for energy efficient refurbishment	"Introduction to InnoWEE project. Dissemination of the use of the new developed materials and its applications. Application to National Context."	Training Manual and technical Brochure (for training course in Spanish) and lecturing methods (short movies, virtual reality animations and interactive learning methods (quiz-es), developed in other WPs).	Architects, engineers, energy consultants, constructors, technicians, municipalities, CDW permitting authorities, CDW recycling companies / associations	To be defined	To be defined	To be defined	To be defined	Tecnalia, Derio Basque Country (Spain)	To be defined	February 2020 (M41)
AMSOLUTION	Construction	Inno-products based on different kind of construction waste with low embodied energy, CO2 and emissions	Dissemination events/ activities by sharing the project's overall outcome(results, achievements)	General presentation of the inno-panels: benefits, environmental impact, cost, CO2 emission and embodied energy levels Presentation of the large scale production line, demo sites location and installation procedure/methods Presentation of the inno-product cost acceptance in different European markets	Ministry of construction, architects, engineers, energy consultants, constructors, technicians, SMEs in the construction sector, CDW recycling companies, building owners, academic population, universities, other professionals and interested target groups"	Presentations Printed materials (advertising materials, proceedings signage, short reports etc.)	To be defined	Each dissemination event will have a duration of around 5-6 hours. Within the scope of the event the achieved results will be shared and demonstrated via presentation, printed materials videos and animations virtual reality	The dissemination of the events/activities will be published in the company's website and will be sent electronically using the company's mail base lists of the target groups and audience. Announcement via media, internet, newsletters and person to person will be also used			To be defined



<p>"CNR-ISAC, CNR-ICMATE CNR-ITC, RED, ECO"</p>	<p>Construction</p>	<p>"InnoWEE: Innovative pre-fabricated components including different waste construction materials reducing building energy and minimising environmental impacts"</p>	<p>"Presentation of the results of: - WP2 (Development of the new materials including different construction waste and performance evaluation in laboratory) - WP5 (Demonstration and validation in field, performance evaluation and scenario)"</p>	<p>dissemination among the construction professionals of the properties of geopolymers in stand-alone conditions, as a matrix embedding waste and their use in construction elements</p>	<p>Architects, engineers, energy consultants, constructors, technicians, CDW permitting authorities, CDW recycling companies / associations, InnoWEE Partners. (cca 50 persons). Morning session for general audience; afternoon session for professionals</p>	<p>printed materials, video, slides</p>	<p>"Adriana Bernardi Sergio Tamburini Paolo Bison Luc Pockele other speakers to be defined"</p>	<p>" - General presentation of geopolymeric materials - Geopolymers as a matrix embedding construction waste - presentation of the three types of elements based on geopolymers plus waste: ETICS, ventilated façade, ceiling radiant systems - state of art solutions on the market - installation: problems and solutions - thermal performance characterization - pilot DEMO site guided tour"</p>	<p>The events will be advertised among engineers and architects associations, people involved in the buildings industry, producers of ETICS, ventilated facades and radiant systems</p>	<p>CNR Area Della Ricerca di Padova, C.so Stati uniti 4, 35127 Padova, Italy</p>	<p>approximately 5 k€</p>	<p>36 month (September 2019)</p>
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ZAG	Construction sector	"Innovative pre-fabricated components including different waste construction materials reducing building energy and minimising environmental impacts"	<p>Training and presentation of the results of WP6 - Business models, market introduction and future impact and WP 2: Development of the new materials including different construction waste and performance evaluation in laboratory</p>	<ul style="list-style-type: none"> • Presentation of the innovative product's pre-fabricated components; • Presentation of the production and installation methods; • Presentation of the costs of the new products and their performance during the whole life cycle (LCCA); • Presentation of the exploitation plans for the different European markets; • Presentation of the Case Pilot; • Costs, environmental and social impacts. 	<p>Architects, engineers, energy consultants, constructors, technicians, CDW permitting authorities, CDW recycling companies / associations, InoWEE Partners. (cca 15-20 persons). In function of the participants if necessary 2 parallel sessions will be organized during the training: one for specialists, and one for non-specialists.</p>	<p>Short videos, PPT presentations, printed materials, face-to-face advices</p>	<p>To be defined</p>	<p>"The training will last around 6-8 hours and it will follow the scope of the training using Short videos, PPT presentations, printed materials, face-to-face advices</p> <p>"</p>	<p>The training is foreseen for November 2019. Announcement will be given on our web pages, in professional journal (Gradbenik) and invitation will be sent to the member of Chambers of Engineers</p>	<p>ZAG, Dimiceva 12, Ljubljana, SLOVENIA (plenary room can host up to 80 participants)</p>	<p>4000 - 5000 Euros</p>	<p>Nov-19 (M38)</p>
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<p>RED SRL, CNR-ISAC, CNR-ICMATE, CNR-ITC, AMSOLUTION</p>	<p>Energy efficiency</p>	<p>Installation of innovative geopolymer based radiating panels incorporating different construction waste materials in a room of a nZEB house in Putte (Belgium)</p>	<p>Dissemination of the results of the installation of radiative panels taking into account the results also of market analysis and LCCA. Dissemination of the results of the other case studies.</p>	<p>to be defined</p>	<p>Architects, engineers, energy consultants, constructors, technicians, CDW permitting authorities, CDW recycling companies / associations, InnoWEE Partners.</p>	<p>"Short videos, Slides, Printed Materials in different languages (Flemish, French, English)."</p>	<p>Luc Pockelé (RED), other speaker to be defined</p>	<p>to be defined</p>	<p>"1. Presentation of the PUTTE case study 2. Presentation of the radiant systems based on geopolymers plus waste and brief introduction of ETICS and ventilated façade 3. state of art solutions on the market 4. Brief video of the installations. 5. Results expected and results obtained 6. LCCA of the radiant panel systems "</p>	<p>Maybe Bruxelles, Belgium. Right place to be identified in function of the participants</p>	<p>almost 5000 €</p>	<p>Between Month 44 and 46</p>
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According to partners supposition at this state the training should take a cost of not over 5000 €, totalling in 30000 € cost. These are only preliminary estimations and budgeting can change due to variations on future taxation of acquired service, etc.

The additional matter that must be arranged is dates of the events. At this moment the training is about to take place every two months after M36th of the Project. Within the same rhythm it will intended to organise national workshops and International workshop, so that there will not be a problem with travelling management for partners. This will be discussed with partners on every consortium meeting.

3.4 Final conference

Lead partner	IZNAB
Other partners	All
Due date	M47-M48
Target audiences	Professionals, Producers, Commercial
Place	TBD

Responsible for preparation of final conference will be IZNAB. It will summarize the overall achievements of the project and will present the feedback received during the training courses.

3.5 National and International Events

Lead partner	IZNAB
Other partners	All
Due date	M1-M48
Target audiences	Professionals, Producers, Commercial, Regulation bodies

Three international workshops (about 1 per year starting from the second year) will be organised (responsible IZNAB), preferentially on occasion of international workshops, Energy week, INSPIRE Conference, international fairs, etc. In addition, 4 National workshops will be organised after the 38th month with the help of the Project Specific Committee. The partner responsible of the courses will be responsible also for the national workshop organization.

Except of meeting preparation partners will participate in other events in order to get in contact with several architects, engineers, etc. At this moment RED, PIETRE EDIL, ZAG, MAGNETTI and VOULA declared their participation in several meetings/conferences, etc. The declaration is shown in Table 7. Some of the events already took place. To this partners will be asked for constant update and feedback on dissemination activities.

Table 7. Event participation of each partner

Part ner	Dissemi- nation activity type	Dissemi- nation tool	Location	Date	Title of the con- tribution	Target audi- ence
CNR-ICMATE	National workshop "Giornate di studio sui Geopolimeri"	Oral presenta- tion	Napoli	27/01/17	Elementi prefabbricati innovativi contenenti rifiuti provenienti da demolizioni, per ridurre l'energia dell'edificio e ridurre al minimo l'impatto ambientale: Inno- WEE	researcher in the field of geopolymers
RED	Aicarr conference 2017	Expose leaflets, brochures	Padova	22/06/17	n.a.	HVAC and energy specialists
	ECTP conference	Stand with poster, leaflets, product samples	to be de- fined	to be de- fined, in 2018	n.a.	building construc- tion and energy experts
	Clima 2019	Abstract or workshop, poster	Bucharest	22- 26/05/19	Abstract title to be defined	HVAC specialists
SC PIETRE EDIL SRL	Interna- tional Confer- ence/seminary	Promotional materials of the IN- NOWEE project	Bucharest	23-26 March 2017	ROMENVIROTEC - International confer- ence/ seminary for recycling and using the recyclable materials	Different types of participants: envi- ronmental experts, persons interested in maters regarding recycling
	Workshop	Promotional materials of the In- noWEE project	Bucharest	not yet defined	Confindustria Roma- nia will organise an event of "Recycling and using the recy- cling materials in 2017 "	experts involved in projects, consult- ants
ZAG	Workshop - interna- tional	Promotional materials of the In- noWEE project (leaflets)	Ljubljana	23- 24/02/17	Meeting of the COST action MINEA "Min- ing the European Anthroposphere" http://www.minea- net- work.eu/events.php	experts involved in CDW
	National	Promotional materials of the In- noWEE project (leaflets)	Ljubljana	31/03/17	23. National meeting of Slovene geologists	experts on geology
	Workshop - interna- tional	Promotional materials of the In- noWEE project (presenta- tion)	Ljubljana	11/05/17	Rilem TC DTA meet- ing and workshop http://www.rilem.org/ gene/main.php?base= 8750&gp_id=290	experts in building sector and geo- polymer technology

	Conference - international	Promotional materials of the InnoWEE project (leaflet, poster)	Zadar	19-21/04/17	CONSTRUCTION MATERIALS FOR SUSTAINABLE FUTURE http://www.grad.hr/coms/ocs/index.php/coms/coms2017	Experts in building sector
SC MAGNETTI BUILDING SRL	Italian Concrete Days (Italian National Congress on evolution and sustainability of concrete structures)	Promotional materials of the InnoWEE project (presentation)	Italy (to be defined)	October 2018	Title to be defined	experts in building sector, university materials experts, architects, engineers
VOULA	2nd HAEE International Conference 2017	leaflets & brochures	Athens, Greece	18-20/05/17	"The landscape in the new era of energy transition: Challenges, investment opportunities and technological innovations" http://haee2017.eventadmin.com/Home/Welcome	experts and professionals engaged in academic, business, government, national and international organizations, working in all areas related to energy, environment and economy
	10th International Conference for Entrepreneurship, Innovation and Regional Development 2017	leaflets & brochures	Thessaloniki, Greece	31/08/2017 - 01/09/2017	- Researching: The evolving role of universities in innovation systems - Co-producing: University-Industry technology transfer and knowledge exchange - Co-producing: Anchors Institutions and regional economic development http://iceird.eu/2017/	academics, university technology managers, entrepreneurs, policy-makers, and businesses

3.5.1 Recommendation of events

In Table 8 there is also the recommended list of events regarding the InnoWEE topic.

Table 8. Proposal of events for InnoWEE project.

EVENT	Location of event	Date of event	Format of participation	Goal/s of dissemination	Target Audience
Architekt@Work Belgium	Kotrijk, Belgium	27-28/04/17	exhibition	presentation, networking	architects, engineers, commerce, investors

International Passive House Conference	Vienna, Austria	24-29/04/17	networking	presentation, networking	architects, engineers, commerce, investors
AllEnergy 2017 (FAIR/CONFERENCE)	Glasgow, UK	10-11/05/17	exhibition	presentation, networking	engineers, commerce, administration, investors
Sodex Ankara 2017 (FAIR)	Ankara, Turkey	10-13/05/17	exhibition	presentation	architects, engineers, commerce, investors
Architekt@Work Switzerland	Zurich, Switzerland	10-11/05/17	exhibition	presentation, networking	architects, engineers, commerce, investors
Cleantech Forum Europe 2018 (CONFERENCE/WORKSHOP)	Helsinki,	16-18/05/17	networking	networking	company officers, investors
Homebuilding&Renovating Show	Glasgow, UK	20-21/05/17	networking	networking	architects, engineers, commerce, investors
edieLIVE 2017 (FAIR/CONFERENCE) Utility Week Live (FAIR/CONFERENCE)	Birmingham, UK	23-24/05/17	exhibition	presentation	engineers, commerce, administration, investors
greenPOWER 2017 (FAIR/CONFERENCE)	Poznan, Poland	23-25/05/17	exhibition	presentation	engineers, commerce, administration, investors
20th Barcelona Building Constructumat (FAIR/CONFERENCE)	Barcelona, Spain	23-26/05/17	exhibition space, presentation	presentation/speech, networking	architects, constructors, engineers, commerce, investors
Architekt@Work Belgium	Liege, Belgium	01-02/06/17			
CEB-Energy Efficiency Trade Fair	Karlsruhe, Germany	28-29/06/17	exhibition	presentation, networking	engineers, commerce, administration, investors
Euroconstruct (fair)	Amsterdam, Netherlands	8-9/06/17	exhibition	presentation, networking	architects, constructors, engineers, commerce, investors
Homebuilding&Renovating Show (fair)	Surrey, UK	01-02/07/17	exhibition/networking	presentation, networking	architects, engineers, commerce, investors
ICSBIE 2017 (conference)	Istanbul, Turkey	29-30/07/17	speech	presentation, networking	architects, engineers, commerce, investors
GreenCities (conference)	Malaga, Spain	7-8/07/17	networking	networking	architects, engineers, commerce
efa (fair)	Leipzig, Germany	20-22/09/17	exhibition	presentation	architects, engineers, commerce
Renexpo	Augsburg, Germany	21-22/09/17	exhibition/networking	presentation, networking	architects, engineers, commerce, investors
Architekt@Work France	Paris, France	21-22/09/17	exhibition	presentation, networking	architects, engineers, commerce, investors
Homebuilding&Renovating Show (fair)	London, UK	22-24/09/17	exhibition/networking	presentation, networking	architects, engineers, commerce, investors
Baumesse Holfheim (fair)	Holfheim, Germany	22-24/09/17			

Architekt@Work Germany	Munich, Germany	27-28/09/17	exhibition	presentation, networking	architects, engineers, commerce, investors
PLDC 2017 (conference)	Paris, France	01-04/10/17	networking	networking	architects, engineers, commerce, investors
interclima+elec (fair)	Paris, France	07-10/10/17	exhibition	presentation, networking	engineers, commerce, investors
Ecomondo (fair)	Rimini, Italy	07-10/10/17	exhibition	presentation, networking	architects, engineers, commerce, investors
Architekt@Work Italy	Rome, Italy	11-12/10/17	exhibition	presentation, networking	architects, engineers, commerce, investors
MadeExpo Worldwide	Moscow, Russia	11-14/10/17	exhibition	presentation, networking	architects, engineers, commerce, investors
Smart City Expo World Congress (fair/conference)	Barcelona, Spain	14-16/10/17	exhibition	presentation, networking	architects, engineers, commerce, investors
Architekt@Work France	Marseille, France	15-16/10/17	exhibition	presentation, networking	architects, engineers, commerce, investors
World Efficiency Solutions 2017 (fair)	Paris, France	17-19/10/17	exhibition	presentation, networking/matchmaking, speech	architects, engineers, commerce, administration, investors
ByggReisDeg'17	Lillestorm, Norway	18-21/10/17	exhibition	presentation, networking	architects, contractors, engineers, commerce, investors
Baumesse	Bad Kreuznach, Germany	20-22/10/17	exhibition	presentation, networking	architects, engineers, commerce, investors
Homebuilding&Renovating Show	Edinburgh, UK	21-22/10/17	exhibition	presentation, networking	architects, engineers, commerce, investors
Renexpo Poland	Warsaw, Poland	25-27/10/17	exhibition	presentation, networking	architects, engineers, commerce, investors
Baumesse Kalkar	Kalkar, Germany	27-29/10/17	exhibition	presentation, networking	architects, engineers, commerce, investors
Conference on Advanced Building Skins	Bern, Switzerland	02/11/17	exhibition	presentation, networking	architects, engineers, commerce, investors
Homebuilding&Renovating Show	Harrogate, UK	03-05/11/17	exhibition	presentation, networking	architects, engineers, commerce, investors
Homebuilding&Renovating Show	Sommerset, UK	18-19/11/17	exhibition	presentation, networking	architects, engineers, commerce, investors
Architekt@Work Italy	Milan, Italy	29-30/11/17	exhibition	presentation, networking	architects, engineers, commerce, investors
Scotland Build 2017 Expo (FAIR)	Glasgow, UK	22-23/11/17	exhibition, conference?, workshops?	presentation	architects, engineers, commerce
Pollutec 2017 (fair/conference)	Paris, France	02/12/17	exhibition	presentation, conference(speech)	architects, engineers, commerce, administration, investors
OCM 2018 (fair)	Moscow, Russia	23-26/01/18			
Baumesse Offenbach	Offenbach, Germany	19-21/01/18	exhibition	presentation, networking	architects, engineers, commerce, investors
Klimahouse	Bolzano, Italy	24-27/01/18			

Budma (fair)	Poznan, Poland	30/01-02/02/18	exhibition	presentation	architects, constructors, investors
Baumesse Rheda-Wiedenbrück	Rheda-Wiedenbrück, Germany	02-04/02/18	exhibition	presentation	architects, constructors, investors
EnergyNow Expo 2018	Telford, UK	07-08/02/18	exhibition	presentation	architects, constructors, investors
Baumesse Gottingen	Gottingen, Germany	16-18/02/18	exhibition	presentation	architects, constructors, investors
bautech	Berlin, Germany	20-23/02/18	exhibition	presentation	architects, constructors, investors
INTERBUD 2018	Lodz, Poland	23-25/02/18	exhibition	presentation	architects, constructors, investors
WorldBuid Kyiv	Kyiv, Ukraine	28/02-02/03/18	exhibition	presentation	architects, constructors, investors
EnergyMed 2018 (fair)	Naples, Italy	March 2018?	exhibition	presentation, networking, speech	architects, engineers, commerce, administration, investors
MadeExpo	Rhio, Italy	March 2018	exhibition	presentation	architects, constructors, investors
ecobuild	London, UK	06-08/03/18	exhibition	presentation	architects, constructors, investors
MCE 2018/That's Smart 2018	Milan, Italy	13-16/03/18			
Megra	Gorna Radgona, Slovenia	21-24/03/18			
MCE 2018 (fair) That's Smart 2018 (Conference)	Milan, Italy	13-16/03/18	exhibition, presentation	presentation, networking	engineers, manufacturers, administrators
Byggeri'18 (fair)	Naerum, Danes	13-16/03/18	exhibition	presentation	architects, constructors, engineers, manufacturers
Nordbygg	Alvsjo, Sweden	10-13/04/18			
IFH/INTHERM	Nuremberg, Germany	10-13/04/18			
NordBat 2018	Lille, France	10-13/04/18			
Intermat Paris	Paris, France	23-28/04/18			
Architekt@Work France	Lyon, France	07-08/06/18	exhibition	presentation, networking	architects, engineers, commerce, investors
InterMat 2018 (fair)	Paris, France	23-28/04/18	exhibition	presentation	contractors, constructors
Architekt@Work Netherlands	Rotterdam, Netherlands	23-13/09/18	exhibition	presentation, networking	architects, engineers, commerce, investors
Architekt@Work France	Nantes, France	October 2018			
Denkmal 2018	Leipzig, Germany	08-10/11/18			
GetNord 2018	Hamburg, Germany	November 2018 (not final)			
Architekt@Work Germany	Berlin, Germany	07-08/11/18	exhibition	presentation, networking	architects, engineers, commerce, investors
Pollutec 2018	Lyon, France	27-30/11/18			
Chillventa	Nuremberg, Germany	16-18/11/18			

Architekt@Work Germany	Stuttgart, Germany	05-06/12/18	exhibition	presentation, networking	architects, engineers, commerce, investors
Infrastructur Malmo 2019	Malmoe, Sweden	2019 (not final)			
InfraTech 2019	Rotterdam, Netherlands	2019-01 (not final)			
BAU 2019	Munich, Germany	2019-01-14/19			
BouwBeurs	Utrecht, Netherlands	2019-02-04/08			
Pomladni Sejem	Gorna Radgona, Slovenia	2019-03-27/30			
Bygsmann SYD 2019	Malmoe, Sweden	April 2019 (not final)			

3.6 Print media

Lead partner	IZNAB
Other partners	All
Due date	M6-M48
Target audiences	Professionals, Producers, Commercials, Science Community
Press Releases	Every 3M

Other dissemination activities, will also include: Reports on project’s results (Open Access), Quarterly Press Releases. Each paper or presentation will be sent to the coordinator of the task and the summary inserted / uploaded in the project website. In Table 9 there is a provisioned list of publication.

Table 9. List of publication

Partner	Type of print media	Title	Where	Editor	Date	Reference
SCPIE-TRE EDIL SRL	Magazine and online website	Caminul-Mansarda	Bucharest	Lucian Nicolescu	2018-10-30	http://www.revistacaminul.ro
	Magazine and online website	IGLOO	Bucharest	Viorica Buică	2018-10-30	www.igloo.ro
SC MAGNETTI BUILDING SRL	Paper	To be defined	Italy (to be defined)	Italian Concrete Days	October 2018	www.cte-it.org
	Online company magazine	L'EDILIA	On Magnetti group website	Magnetti Building Spa	December 2016	http://www.magnetti.it/repository/Sfogliabili/Edilia46/index.html
VOULA	Building design and technology magazine-online website	KTIRIO	Athens & Thessaloniki, Greece	KTIRIO	2018	http://www.ktirio.gr/
	Online newsletter for Engineers	The Technical Chamber of Greece	Athens, Greece	The Technical Chamber of Greece	2018	http://web.tcc.gr/newsletters/
	Online Bulletin	The Bulletin of International and European Affairs & Development Planning of Local Government	Athens, Greece	Greek Ministry of Interior	2017	http://www.ypes.gr/en/Ministry/PoliciesActions/Bulletin_International_EU_AffairsDevelopmentPlan/
ZAG	Professional magazine for building engineers	Gradbenik	Ljubljana	Milan Marčič	June-July 2018	http://www.gradbenik.net/

3.6.1 Scientific publications

Recommended scientific Journals

- Building and Environment – is an international journal that publishes original research papers and review articles related to building science and human interaction with the built environment. <http://www.journals.elsevier.com/building-and-environment/>
- Energy and Buildings – is an international journal publishing articles with explicit links to energy use in buildings. The aim is to present new research results, and new proven practice aimed at reducing energy needs of a building and improving indoor environment quality. <http://www.journals.elsevier.com/energy-and-buildings/>
- Applied Energy – provides a forum for international on innovation, research, development and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, analysis and optimisation of energy processes, mitigation of environmental pollutants, and sustainable energy systems. <http://www.journals.elsevier.com/applied-energy/>
- Energy Policy – is an international per-reviewed journal addressing the policy implications of energy supply and use from their economic, social, planning and environmental aspects. Papers may cover global, regional, national, or even local topics that are of wider policy significance, and of interest to international agencies, governments, public and private sector entities, local communities and non-governmental organisations. <http://www.journals.elsevier.com/energy-policy/>
- Automation in Construction – is an international journal for the publications of original research papers. The journal publishes refereed material on all aspects pertaining to the use of Information technologies in Design, Engineering, Construction Technologies, and Maintenance and Management of Constructed Facilities. <http://www.journals.elsevier.com/automation-in-construction/>
- Procedia Engineering – is an open access product focusing entirely on publishing conference proceedings, enabling fast dissemination so that conference delegates can publish their papers in a dedicated online issue on Sciverse ScienceDirect. Procedia Engineering will publish papers from conferences with an emphasis in core engineering disciplines, such as aerospace, chemical, civil, mechanical or structural engineering. <http://www.journals.elsevier.com/procedia-engineering/>
- Renewable & Sustainable Energy Reviews – publishes review articles designed to bring together under one cover, current advances in the ever broadening field of renewable and sustainable energy. The coverage of the journal includes the following areas, such as: Energy Resources (Bioenergy, Geothermal, Hydrogen, Hydropower, Ocean, Solar & Wind), Applications and Services (Buildings, Industry and Electricity & Transport) and Policy (Economic aspects, Environmental impact, emissions, Political aspects, Energy planning, Social aspects & Trends: past, present, future). <http://www.journals.elsevier.com/renewable-and-sustainable-energy-reviews/>
- Intelligent Building International – are ones in which the building fabric, space, services and information systems can respond in an effective manner to the demands of the owner, the occupier and the environment. Intelligent buildings are essentially about people, processes and systems. The interdisciplinary nature of the design and management processes of the buildings are important, together with emerging methodologies and innovations such as smart materials, embedded systems and robotics. http://www.tandfonline.com/loi/tibi20#.U1f0_IDzGrk

- Advances in Building Energy Research – aims to provide expert and authoritative reviews and analyses of the most important developments across the rapidly expanding fields of energy efficiency and environmental performance of buildings. It also provides a unique forum by bringing together invited contributions from the foremost international experts, to examine new technologies and methodologies with the latest research on systems, simulations and standards. <http://www.tandfonline.com/loi/taer20#.Ulf1LVDzGrk>
- IEEE Transactions on Power Delivery – the scope of the Society embraces planning, research, development, design, application, construction, installation and operation of apparatus, equipment, structures, materials and systems for the safe, reliable and economic generation, transmission, distribution, conversion, measurement and control of electric energy. It includes the developing of engineering standards, the providing of information and instruction to the public and to legislators, as well as technical scientific, literary, educational and other activities that contribute to the electric power discipline or utilize the techniques or products within this discipline. <http://www.ieee-pes.org/ieee-transactions-on-power-delivery>
- IEEE Transactions on Industrial Electronics – its scope encompasses the applications of electronics, controls and communications, instrumentation and computational intelligence for the enhancement of industrial and manufacturing systems and processes. Included are power electronics and drive control techniques, system control and signal processing, fault detection and diagnosis, power systems, instrumentation, measurement and testing, modeling and simulation, motion control, robotics, sensors and actuators, implementation of neural nets, fuzzy logic, and artificial intelligence in industrial systems, factory automation, communication, and computer networks. <http://iee-ies.org/index.php/pubs/ieee-transactions-on-industrial-electronics>
- IEEE Transactions on Industrial Informatics – focuses on knowledge-based factory automation as a means to enhance industrial fabrication and manufacturing processes. This embraces a collection of techniques that use information analysis, manipulation, and distribution to achieve higher efficiency, effectiveness, reliability, and/or security within the industrial environment. The scope of the Transaction includes reporting, defining, providing a forum for discourse, and informing its readers about the latest developments in intelligent and computer control systems, robotics, factory communications and automation, flexible manufacturing, vision systems, and data acquisition and signal processing. <http://ieeexplore.ieee.org/xpl/aboutJournal.jsp?reload=true&punumber=9424>
- ASHRAE Transactions – is the official record of research and technical information of permanent interest and archival value presented at ASHRAE's Annual and Winter Conferences, the world's foremost forums for the presentation of research and application data and experience in the fields of heating, ventilation, air conditioning and refrigeration and the field of building technology in general. <https://www.ashrae.org/resources--publications/periodicals/ashrae-transactions>
- HVAC&R Research – offers comprehensive reporting of research in the fields of environmental control for the built environment and cooling technologies for a wide range of applications and related processes and concepts, including underlying thermodynamics, fluid dynamics, and heat transfer. Only works reporting on research that is original and of lasting value are accepted for publication. Included in the ISI Web of Science and Current Contents databases, this journal is ASHRAE's archival research publication. <https://www.ashrae.org/resources--publications/periodicals/hvacr-research>

3.6.2 Magazines

- High Performing Buildings – describes measured performance of practices and technologies to promote better buildings, presenting case studies that feature integrated building design practices and improved operations and maintenance techniques. <http://www.hpbmagazine.org/home>
- International Innovation – is a leading global dissemination resource for the wider scientific, technology and research communities, covering Climate, Energy, Environment, Food & Agriculture, Healthcare, Nanotechnology. It gives access to: exclusive content and presentations from leading research teams and institutes; bespoke interviews and insightful comment from leading figures across science, technology and administration industries; unique opportunity to connect with prospective partners from the wider scientific community; up to date information on the latest funding schemes. http://www.research-europe.com/index.php/digital_magazine/
- Smart Energy Efficiency – is an online magazine about Energy Efficiency development in Europe. The objective is to help proactive and ambitious firms, start-ups and organisations to boost their sales through Energy Efficient products. <http://smartenergyefficiency.eu/>
- Construction digital – offer premier analysis and commentary to building executives and professionals around the world. It is reliable source for information on developments within green building, architectural design and the latest news from the construction sector. <http://www.constructiondigital.com/>
- European Energy Innovation – it is a communication platform designed with one purpose: to put energy stakeholders in touch with each other. It provides a stream of high quality, well-written informative articles that will keep you up to date with the latest thinking on energy. <http://www.energetica-international.com/magazines>

4 Dissemination tools

All of the prepared leaflets, brochures, posters, will be uploaded on the website, as an electronic version. The material will be translated into partner’s native languages.

4.1 Logo

Lead partner	IZNAB
Other partners	CNR-ISAC
Due date	M3
Target audiences	All
Updates	Possible

In M3 of the project there was submitted final version of logo, which is shown in Figure 2.



Figure 2. InnoWEE official logo

4.2 Leaflet

Lead partner	IZNAB
Other partners	All
Due date	M3
Target audiences	All
Updates	Every Year

First leaflet with overall view of the project has been already prepared. Next versions will be prepared, in the significant points of project progress, which is estimated to be yearly. The leaflet first version was prepared in M2 of the project, however the final version was done in M5 of the project. The result of this work is presented in Appendix A.

4.3 Brochure

Lead partner	IZNAB
Other partners	All
Due date	M3
Target audiences	All
Updates	Every year

The first brochure used on fairs, exhibitions, conferences and in general for promotions in every networking, event occasion was done in M2 of the project. The final corrected version was released in M5. The result of this work is presented in Appendix B. Next versions with significant updates will be done after each year of the project. The final version, after 3rd year of the project will be technical brochure, where all the results and conclusions from WP1-WP6 will be presented.

4.4 Poster

Lead partner	IZNAB
Other partners	All
Due date	M40
Target audiences	Professionals, Producers, Commercial

Final poster will be prepared for Final conferences purposes. Meanwhile, partners will use for dissemination purposes leaflets, brochures, banners and official logo.

4.5 Video

Lead partner	IZNAB
Other partners	All
Due date	M38
Target audiences	Professionals, Producers, Commercial

A high quality video with the main project results presented in an appealing way will be performed and uploaded in the website of the project “InnoWEE” and also showed during training or fairs or exhibitions. Therefore the due date for preparation is M38, when all of the relevant results should be obtained. Also after M38 there are being launched first training courses prepared by partners.

4.6 Social media

Lead partner	IZNAB
Other partners	All
Duration	M1-M48
Target audiences	All

Appearance of project in social media can enhance the network structure and interest of external stakeholders. There are many cases that the official business site is done through social networks. The impact of such action can bring about more worldwide recognition.

IZNAB created professional group on LinkedIn platform called *InnoWEE – INNOvative Pre-fabricated Components Including Different Waste Construction Materials*. The link for this group is <https://www.linkedin.com/groups/8523567/profile>

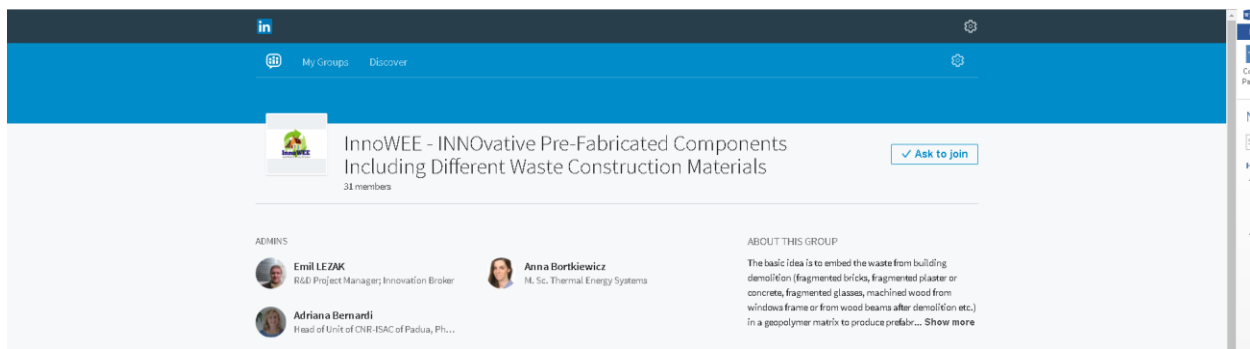


Figure 3. LinkedIn official InnoWEE group

Other social network used for market and promotion purposes is Twitter. The official Twitter InnoWEE account can be found under this link https://twitter.com/innowee_h2020?lang=en. In order to tweet with reference to InnoWEE must be used @InnoWEE_H2020.



Figure 4. Twitter official InnoWEE account

5 Website

Lead partner	IZNAB
Other partners	All
Due date	M6
Target audiences	All
Updates	Every 6M, including 2 years after the project

Project web site containing all public material (correlations with Task 7.2), such as Deliverables, Leaflets, Posters, Newsletters, Partner Presentations, Newspaper/Radio/TV announcements. The header section includes InnoWEE official logo, name of the project, member area section and navigation panel. By clicking on logo the user will go back to home page of the website. The navigation panel allows to move around the website and find specific information.

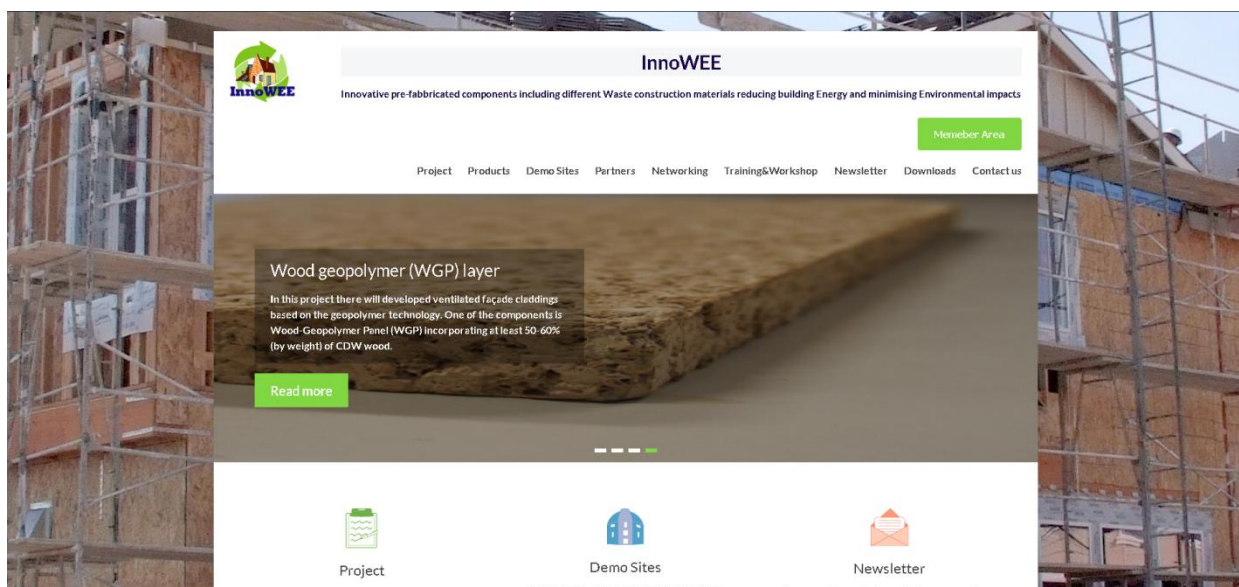


Figure 5. InnoWEE home page

In the footnote section there is included Site Map, Social Media link, Contact Information and Search panel together with Grant Agreement Info, where the EU emblem is placed. In the Figure 5 screenshot from homepage of InnoWEE is shown.

5.1 Structure of website

1. Home - title page includes brief overview on whole Web Site content. Slider panel takes us to the most relevant points of InnoWEE innovation and beneath there is placed brief overview of the most relevant website sections.
2. Project - includes information about the Grant agreement, Work Programme and specifies its main objectives and advances. In here user can know what the scope of work is and what the purpose of this study is.
 - 2.1. Details, Objectives, Advances
3. Results - to be added when ready for public presentation.
4. Products - this section includes three different types of InnoWEE products, where the pictures of them are added and brief description together with extended version beneath. Such a

presentation could enhance the business look of InnoWEE panels as the stakeholder sees their advancement compared to state of the art.

5. Demo Sites - information about each demo site in the project are presented. The inserted gallery allows to see the buildings facades and sites from different angles. Short description to each of the buildings is added to get the idea of size, age and location of building. Two subsections in form of Real Case Studies and Virtual Case Studies have been added.
6. Partners - the list of partners is displayed, where after clicking the icon user is redirected to official website of partner. While clicking the name of partner the user gets the detailed information about the partner company and contribution to work as well as contact.
7. Networking - this section will be added when there will be agreement with external partners
8. Training/workshops - the calendar was introduced with InnoWEE appearance at different types of events. This will be maintained until the official programme for training will be developed.
 - 8.1. Events - lists of Events related to the project.
9. Newsletter - in here all the latest news and posts from InnoWEE project will be added. Moreover the user can subscribe to receive information about latest advances of project.
10. Downloads- this section will consider availability for all the public materials. Each user can download the deliverable opened to public, publication released about the project and marketing material for promotion purposes.
11. Contact us - includes a form for quicker contact to project coordinator. Also there are displayed more detailed information about the Project Coordinator location.

6 Cluster engagements & Networking

InnoWEE project corresponds to difficult market, which is construction. Due to crisis situation the construction material market suffered big drop and was not open to investment. In order to enhance the opportunities to enter this business there will be applied ‘lessons-learned’ concept by clustering with other partners. By this it is meant to learn from other projects and bring about constructive critic and corrections in order to improve the project technical, practical and communication aspect. The selected projects for clustering are as follows:

- RE4 - Reuse and Recycling of CDW materials and structures in energy efficient prefabricated elements for building Refurbishment and construction
- GREEN INSTRUCT - Green Integrated Structural Elements for Retrofitting and New Construction of Buildings
- VEEP - Cost-Effective Recycling of CDW in High Added Value Energy Efficient Prefabricated Concrete Components for Massive Retrofitting of our Built Environment
- Cheep-GSHPs - Cheap and efficient application of reliable ground source heat exchangers and pumps
- MOEEBIUS - Modelling optimization of Energy Efficiency in Buildings for Urban
- HISER -Holistic Innovative Solutions for an Efficient Recycling and Recovery of Valuable Raw Materials from Complex Construction and Demolition Waste Pilot project – Resource Efficient Use of Mixed Waste
- IEA-ECBCS Annex 58 Reliable Building Energy Performance Characterisation Based on Full Scale Dynamic Measurements

The networking will be used in order to construct a net between external stakeholders and reach out to third-parties. To this purpose there are used partners contacts and promotion of project in the events. In the Table 10 a list of proposed contacts for networking is shown. At this moment the first trials of contacting have been undertaken by offering bilateral appearance at the website. Further information exchange in form of accessibility to data, etc. must be consulted with all of the partners in order to attract more third parties.

Table 10. Networking association

Association	Contact person	e-mail	Phone
ECTP - European Construction Technology Platform- Cultural heritage Committee	Isabel Rodriguez-Maribona	isabel.rodriguez-maribona@tecnalia.com	3464997251
European Innovation Partnership on Raw Materials	Iñigo Vegas	inigo.vegas@tecnalia.com	34667119807
PTEC - Spanish Construction Technology Platform	Javier Urreta	javier.urreta@tecnalia.com	34629127587
International Union of Laboratories and Experts in Construction Materials, Systems and Structures (RILEM)	Antonio Porro	antonio.porro@tecnalia.com	34629391698
ERAIKUNE Construction Cluster	Javier Urreta	javier.urreta@tecnalia.com	34629127587
SE4All Sustainable Energy for All Platform - BEA	Ander Romero	ander.romero@tecnalia.com	34667178893
WSSET World Society of Sustainable Energy Technologies Association	Ander Romero	ander.romero@tecnalia.com	34667178894

NanomeCH cluster	Adriana Bernardi	a.bernardi@isac.cnr.it	393939609709
AMANAC	Maria Founti	mfou@central.ntua.gr	302107723605
EeB-CA2	Régis Decorme	regis.decorme@cstb.fr	
Italian Geopolymer Network	Cristina Leonelli	cristina.leonelli@unimore.it	
Environmental National Platform - Moldova - facebook	Loredana Fodor	loredana@worksquality.ro	0040757085146
Technical Chamber of Greece	Mrs. Maria Sachini	maria.sachini@amsolutions.gr	00306937165700
ECTP - E2B	Giulia Mezzasalma	giulia.mezzasalma@red-srl.com	3496330259
ECTP - H&R	Adriana Bernardi	a.bernardi@isac.cnr.it	393939609709
RILEM TC DTA	Vilma Ducman	Vilma.ducman@zag.si	
RILEM TC TRM	Sabina Kramar	sabina.kramar@zag.si	
ECTP	Andraž Legat	andraz.legat@zag.si	
ENBRI	Andraž Legat	andraz.legat@zag.si	
EOTA	Friderik Knez	friderik.knez@zag.si	
CEN	Aljoša Šajna	aljosa.sajna@zag.si	
SIST/TC CAA	Vilma Ducman	Vilma.ducman@zag.si	
ICOMOS	Sabina Kramar	sabina.kramar@zag.si	
[avniR] LCA platform	Friderik Knez	friderik.knez@zag.si	
ZBS (SI assoc. for concrete)	Aljoša Šajna	aljosa.sajna@zag.si	
FEHRL	Aleš Žnidarič	ales.znidaric@zag.si	
E2BA	Sabina Jordan	sabina.jordan@zag.si	

Conclusion

This deliverable treated about first draft of Dissemination plan in order to start deployment of our project. Within the planned actions we can be assured that the final project results have greater chance to be commercialised. At this moment without having any results we can measure the interest of market and get feedback from project technical partners. The website that is being launched in M6 of the project will be a very useful tool to reach all of the audiences. More direct contact will be maintained through networking, and in the last stage of project through workshops and events. The main purpose of attracting stakeholders is achievable within developed dissemination tools and plan. In addition already the first trials of contacting external interested parties have been done.

Appendix A: Leaflet

"This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 723916"

Project number: 72391
 Project cost: 3.36 million €
 Starting month: October 2016
 Project Duration: 4 years

AIM
 The main aim of InnoWEE is the development of an optimized reuse of Construction and Demolition Waste (CDW) materials producing high added-value prefabricated insulating and radiating panels to be used in Energy-Efficient Buildings.

Innovative pre-fabricated components including different waste construction materials reducing building energy and minimising environmental impacts

OBJECTIVE
 Development of new high performance prefabricated geopolymeric panels including different CDW for eco-insulating facades (ETIC panels, ventilated façade panels) and for eco-friendly indoor radiating system (monolithic panel, assembled panel) with low environmental impact, low embodied energy, low CO₂ emissions and high thermal performance.

PARTNERS

	COORDINATOR CNR-ISAC, Italy
	CNR-ITC, CNR-ICMATE, Italy
	Advanced Management Solutions, Greece
	R.E.D SRL, Italy
	Tecnalia Research & Innovation, Spain
	Guidolin Giuseppe - Eco. G. srl, Italy
	S.C Pietre Edil S.R.L, Romania
	IZNAB Spolka z Ograniczona Odpowiedzialnoscia, Poland
	Slovenian National Building and Civil Engineering Institute, Slovenia
	S.C. MAGNETTI BUILDING S.R.L, Romania
	Municipality Varis-Voulas-Vouliagmenis, Greece

More information:
 Dr. Adriana Bernardi
 a.bernardi@isac.cnr.it
 Consiglio Nazionale Delle Ricerche (CNR)
 Istituto di Scienze dell'Atmosfera e del Clima (ISAC)
 Corso Stati Uniti 4, 35127 Padova (Italy)
<https://www.innowee.eu>

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Appendix B: Brochure



CONTACT
 Dr. Adriana Bernardi
 a.bernardi@isac.cnr.it
 CNR-ISAC
 Consiglio Nazionale Delle Ricerche
 Istituto di Scienze dell'Atmosfera e del Clima
 Corso Stati Uniti 4, 35127 Padova (Italy)
 https://www.innowee.eu
 https://twitter.com/innowee_h2020
 https://www.linkedin.com/groups/8523567

Work Programme topics addressed:
EeB-04-2016 New technologies and strategies for the development of pre-fabricated elements through the reuse and recycling of construction materials and structures
Project number: 72391 **Project cost:** 3.36 million €
Starting month: October 2016 **Project Duration:** 4 years

PARTNERS	
	COORDINATOR CNR-ISAC, Italy
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	Slovenian National Building and Civil Engineering Institute, Slovenia
	S.C. MAGNETTI BUILDING S.R.L., Romania
	Municipality Varis-Voulas-Vouliagmetis, Greece

InnoWEE

Innovative pre-fabricated components including different construction and demolition Waste construction materials reducing building Energy consumption and minimising Environmental impacts.

The main aim of InnoWEE is the development of an optimized reuse of Construction and Demolition Waste (CDW) materials producing high added-value prefabricated insulating and radiating panels to be used in Energy-Efficient Buildings.

InnoWEE is based on:

Recovery, disassembly, selection and treatment of CDW.

Development of new high performance prefabricated insulating geopolymeric and radiating geopolymer panels.

Manufacturing a product that is Cost-effective, competitive, robust, reliable and low maintenance.

Creation of practical and sustainable building solutions easy to integrate into buildings design.

Evaluation of the new panel's performance in demo-sites characterized by different climate conditions.



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Project vision

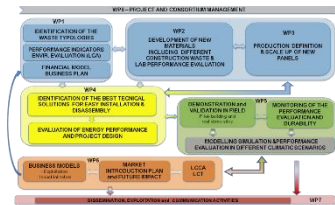
Development of new high performance prefabricated geopolymeric panels including different CWD for eco-insulating facades (ETIC panels, ventilated façade panels) and for eco-friendly indoor radiating system (monolithic panel, assembled panel) with low environmental impact, low embodied energy, low CO2 emissions and high thermal performance.

OBJECTIVE

InnoWEE project will focus on the development and field tests of new high performance prefabricated geopolymeric panels made with a large content of recycled CDW for outdoor and indoor building walls.

The different and combined solutions will be assessed in terms of energy efficiency and environmental sustainability, cost-effectiveness in manufacturing and installation, market potential and exploitability. The products will have different characteristics and a high performance like low or high thermal transmittance in function of the application, high fire resistance, lightness, high mechanical robustness, enhanced surface properties. Affordable costs of these solutions will be ensured by the low formulation costs due to the use of recycled waste materials and by the easier and faster installation/removal practices. Moreover, the raw materials used and the associated production technologies will contribute to the reduction of embodied energy and the CO₂ emission during manufacturing. Finally the stakeholders/end users/SMEs participating directly and indirectly in the project will ensure their strong acceptance to guarantee their local introduction in the European markets and other world wide markets.

ACTIVITIES



- WP1. Identification of the waste typologies and their use in new construction material**
 Main objective of WP1 is the identification and categorization of the CDW typologies collected in Europe. Their performance will be analyzed in laboratory and a production line will be set up for treatment of CDW. Moreover, existing European and national standards, codes and guidelines will be identified and updated. Based on these assessments performance indicator for the efficiency evaluation of the new materials will be established and environmental performance analysis (ECA) will be conducted. Finally the first preliminary business model will be developed.
- WP2. Development of the new materials including different construction waste and performance evaluation in laboratory**
 The activities will be focused on the definition of the design of geopolymer binder, and on the development and assessment (physical/mechanical characteristics) of the prototypes of new eco-friendly insulating façade and radiating panels.
- WP3. Production definition and scale up of new panels**
 The technical plant design and production steps of geopolymeric components will be established in order to upscale eco-friendly insulating façade and radiating panels, set up small scale production of panels for demo site applications and assess industrial production.
- WP4. Selection of the best technical solutions, energy performance and project design**
 The best solution for an easy installation and disassembly of panels based on architectural and costs evaluation will be identified. The solutions will be optimized by modeling the energy performance of the different scenarios. This will permit to elaborate the project designs for each demo building.
- WP5. Demonstration and validation in field, performance evaluation and scenarios**
 The selected solutions will be installed in 4 buildings: a pilot demo case, a new, an existing and a historical building. This will permit the evaluation of the performance and durability in field with respect to energy efficiency, durability and comfort. Results will be monitored in compliance with national/European standards, codes and guidelines for all demo sites. The innovative products will be also compared with the traditional ones in terms of installation time and costs. Moreover, their performance will be evaluated in a large European scenario.
- WP6. Business models, market introduction plan and future impact**
 This WP will define the production and installation methods for a large scale application and capital costs of ownership. A final business plan with respective risk assessment and sensitivity analysis of data will be developed. Furthermore, the costs vs performance during the whole life cycle (LCCA) will be evaluated. Exploitation plans for different European markets centred on SME interests will be developed, and a Life Cycle Thinking (LCT) approach will be used for supporting environmentally sound decision for waste management.
- WP7. Dissemination exploitation and communication activities**
 The main actions in this WP includes setting-up and maintenance of a web site, wide dissemination of the outcomes towards stakeholders, promotion of the project among the academic community, governments, policy makers, designers and engineers, energy efficiency social housing, definition of a training plan, development of training material and training of end-users, insurance of knowledge exchange and easy communication among the partners, as well as between partners and stakeholders.

DEMO SITES

