

# D6.5 Report on International Dissemination & Networking event



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Work Package Leader	pRO-nZEB
Dissemination level	Public
Abstract	The current document provides information on the International Dissemination & Networking event organized by the SMART4NZEB consortium on the 21 <sup>st</sup> of October 2021, between 10:00 and 14:00hrs CEST.
Keywords	International Networking Event, Dissemination, Networking

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# 1. General information

## 1.1 About the event

The SMART4NZEB project team organized an online **International Dissemination & Networking** event meant to facilitate an exchange of experiences between relevant actors in the fields of construction, energy efficiency and energy from renewable sources. The official name of the event was "Supporting nZEB deployment in Europe – the experience of EU-funded projects".

For this, several EU funded initiatives dealing with nearly Zero Energy Buildings have been invited to present their work and take part in open discussion sessions – this was facilitated by RIC PRO-Akademia (Poland). Furthermore, all partners invited relevant stakeholders from their respective countries (Poland, Romania, Slovenia and Serbia) and partners from other international projects.

The event took place online, using the ZOOM platform, on the 21st of October 2021, between 10:00hrs and 14:00hrs CEST.

**International Networking Event**

**Supporting nZEB deployment in Europe - the experience of EU-funded projects**

**Date: 21 October 2021**  
Time: 10:00hrs CEST  
Place: on-line, via ZOOM

**Agenda**

Time (CEST)	Activity
10:00-11:55	<b>SESSION 1: New approaches to the nZEB renovation</b>
10:00	Welcome
10:10	Getting the Market Ready for nZEB implementation - SMART4NZEB and other EU actions for National development. Horia Petran, pRO nZEB Cluster Coordinator
10:35	ReCO2ST: Residential Buildings Retrofit to nZEB with optimum cost, health, comfort and environmental quality. Professor Maria Kolokotroni, Brunel University London
11:00	The HAPPEN Project as an effective approach to boost deep renovation of buildings in the Mediterranean area towards the nZEB standard. Results and Outcomes. Giulia De Aloysio - Certimac
11:25	Discussion
11:55	<i>Coffee break</i>
12:10-14:00	<b>SESSION 2: Training as a tool fostering the nZEB deployment</b>
12:10	The role of the training as a support for a more sustainable construction sector - experience from Spain. Esther Rodríguez, Fundación Laboral de la Construcción, Construye2020_Plus project
12:35	The role of EPC for nZEB deployment in Bulgaria. Stanislav Andreev, EnEffect
13:00	Supporting NZEB and sustainable building progress in Slovenia in LIFE IP CARE4CLIMATE project. dr. Marjana Šijanec Zavrl, Building and Civil Engineering Institute ZRMK, Slovenia
13:25	Discussion
13:55	Closing discussion

**REGISTER NOW**

**WHO IS JOINING?**  
The event will bring together participants representing organisations from the **European Union**, with speakers showcasing several EU funded projects that relate to nearly Zero Energy Buildings.

Research and Innovation Centre PRO-AKADEMIA | PSDiK POLSKIE STOWARZYSZENIE DORADZCZE I KONSULTINGOWE | SGGCCS SLOVENSKI GRAJENIŠKI CENTER | CLUSTER pRO nZEB | DUNBER

Figure 1 Poster promoting the SMART4NZEB International Dissemination & Networking

## 1.2 Promotion, Dissemination, and Reach

The event was promoted on project partners websites and social media. Any interested party willing to learn more about nZEB initiatives within the European Union or simply to make new contacts was able to register and participate in the event. The event was also promoted among recipients of newsletters distributed by RIC and PSDiK.

The screenshot displays the website for the SMART4NZEB project. At the top, there is a navigation bar with the logo for CLUSTER PRO nZEB and menu items: About us, Despre noi, Membri, Legislație, Proiecte, Noutăți și Evenimente, Newsletter, and Contact. Social media icons for Facebook, Twitter, and LinkedIn are also present.

The main content area features a large banner for an "International Networking Event" titled "Supporting nZEB deployment in Europe - the experience of EU-funded projects". The event is scheduled for October 21, 2021, from 10:00 to 14:00 CEST, and will be held online via Zoom. The banner includes a QR code for registration and a list of logos for partner organizations: PRO-AKADEMIA, PSDiK, SGGCCS, CLUSTER PRO nZEB, and DINNIE.

Below the banner, there is a section titled "International Networking Event under SMART4NZEB - How do international R&D projects support the development of nearly-zero energy buildings? [ENG] - 21 October 2021". This section includes an "Evenimente" (Events) sub-section with the following text:

The event is organized by the SMART4NZEB consortium members from PRO-Akademia on 21 October 2021 starting with 10:00hrs CEST (11:00hrs Romanian time).

We invite you to register via this link: [Registration link](#)

More information on PRO-Akademia.

Note from PRO-Akademia:

Since 1st January 2021, all new buildings in the European Union must meet standards of nearly zero-energy buildings (nZEB). In addition, each of the EU Member States is required to develop a long-term renovation plan of existing buildings and modernize its building stock on regular basis. However, despite the legal obligation, the development of the nZEB market faces many obstacles in the EU. These are both of technical and financial nature, as well as result from insufficient knowledge about modern technologies and their potential of application in the construction sector. For many years the European Union has been trying to overcome these barriers, inter alia, by financing R&D projects that address challenges related to the deployment of the nZEB standard in the EU.

What are the challenges of implementing nZEBs in different EU regions? What solutions developed within EU-funded projects effectively support the development of nZEBs? What training is available for professionals and technicians interested in working in the nZEB industry? These and other questions will be answered by the speakers during the free-of-charge webinar „Supporting the nZEB deployment in Europe - the experience of EU-funded projects”, organized as part of the SMART4NZEB project.

On the right side of the page, there is a search bar labeled "Caută" (Search) with a text input field and a "Caută" button. Below the search bar, there is a section titled "Cum devin membru?" (How do I become a member?) with the text: "Pentru a deveni membru al clusterului, vă rugăm să citiți Statutul și Regulamentul și să ne transmiteți o solicitare de aderare (formular de adeziune)." (To become a member of the cluster, please read the Statute and the Regulations and send us an application form (adhesion form)).

Below this, there is a "Proiecte" (Projects) section listing several projects:

- CONGREGATE Congregate
- The nZEB Roadshow
- SMART4NZEB - Strengthening clusters Management Activities and Running Trans-national for implementation of nearly Zero Energy Buildings
- Fit-to-NZEB - Scheme de instruire inovative pentru renovarea cladirilor la nivel nZEB
- Train-to-NZEB - Centre de consultanta si formare profesionala in nZEB

At the bottom of the project list, there is a button labeled "Află mai multe" (Find out more).

# News

## How do international R&D projects support the development of nearly-zero energy buildings?

30-09-2021

Since 1<sup>st</sup> January 2021, all new buildings in the European Union must meet standards of nearly zero-energy buildings (nZEB). In addition, each of the EU Member States is required to develop a long-term renovation plan of existing buildings and modernize its building stock on regular basis. However, despite the legal obligation, the development of the nZEB market faces many obstacles in the EU. These are both of technical and financial nature, as well as result from insufficient knowledge about modern technologies and their potential of application in the construction sector. For many years the European Union has been trying to overcome these barriers, inter alia, by financing R&D projects that address challenges related to the deployment of the nZEB standard in the EU.

What are the challenges of implementing nZEBs in different EU regions? What solutions developed within EU-funded projects effectively support the development of nZEBs? What training is available for professionals and technicians interested in working in the nZEB industry? These and other questions will be answered by the speakers during the free-of-charge webinar "Supporting the nZEB deployment in Europe - the experience of EU-funded projects", organized as part of the SMART4NZEB project.

- **What:** webinar "Supporting the nZEB deployment in Europe – the experience of EU-funded projects" (Agenda)
- **When:** 21.10.2021, 10:00 - 14:00 CEST
- **Where:** online - you will receive a confirmation of the registration with the connection link a few days before the event
- **How:** register now!



**Slovenski gradbeni groz - Construction Cluster of Slovenia**  
560 followers  
3w • Edited •

V okviru evropskega strateškega partnerstva grozdov za odličnost na področju skoraj nič energijskih stavb se začneja dogodek, na katerem bodo predstavljeni dosežki EU projektov na področju energetske učinkovitost stavb.

Še vedno se lahko prijavite in se dogodka udeležite: <https://lnkd.in/d246HDpU>

#smart4nzeb #ESCP4X #collaboration #nzeb #networking

International Circular Construction Cluster SMART4nZEB Cluster pRO-nZEB  
Andrei-Laurentiu Popescu Biljana Avramovic Djordje Djordjevic  
ICBUILD Vladimir Gumilar Saso Turnsek Janez Bršec Janez Rihter Primož Zorec  
Cogreen, hemp building solutions Damjana Gruden Adam Krajewski Katarzyna Korczak Horia Petran Ciprian Nanu

See translation

**SMART4nZEB**  
148 followers  
1mo •

International Networking Event!

We invite all those who are interested in high performance buildings, international projects and in making new contacts to register and participate in our next international networking event that will take place next Thursday, on the 21st of October, starting with 10:00hrs CET.

Registration link: <https://lnkd.in/d246HDpU>

Please do not hesitate to contact us in case you have any questions.

#smart4nzeb #energyefficiency #nzeb #clusters #clusters\_eu #networking #projects #innovation

Katarzyna Korczak Adam Krajewski Ciprian Nanu Horia Petran Andrei-Laurentiu Popescu



### 1.3 Registrants

As a result of the promotion efforts, 106 individuals, from different organisations, have registered for the International Dissemination & Networking event.

Table 1 International Dissemination & Networking event registrants

Full name	Institution	Type of institution	Country
Registrant 1	Rockwool Romania	Large company	Romania
Registrant 2	Nzebshop.ro	SME (Micro / Small / Medium -sized enterprise)	Romania
Registrant 3	Building and civil engineerig institute ZRMK	SME (Micro / Small / Medium -sized enterprise)	Slovenia
Registrant 4	INCD URBAN-INCERC	Research & Education	Romania
Registrant 5	EnEffect	NGO	Bulgaria
Registrant 6	Certimac   Materials   Energy   Innovation	Research & Education	Italy
Registrant 7	Brunel University London	Research & Education	United Kingdom
Registrant 8	AViTeM	Public Authority	France
Registrant 9	Centrum Badań i Innowacji pro-Akademia	Research & Education	Poland
Registrant 10	National Technical University of Athens	Research & Education	Greece
Registrant 11	pRO-nZEB	Cluster	Romania
Registrant 12	Arcadis	Large company	Romania
Registrant 13	Tanari Arhitect	SME (Micro / Small / Medium -sized enterprise)	Romania
Registrant 14	Business Development Group SRL	SME (Micro / Small / Medium -sized enterprise)	Romania
Registrant 15	SYNERGI	NGO	Denmark
Registrant 16	Construction Cluster of Slovenia	cluster	Slovenia
Registrant 17	Huygen	SME (Micro / Small / Medium -sized enterprise)	The Netherlands
Registrant 18	CONSTRUCTION CLUSTER OF SLOVENIA	Business network	SLOVENIA
Registrant 19	Urząd Miejski w Błoniu	Public Authority	Poland
Registrant 20	RÖFIX	Large company	Croatia
Registrant 21	Minergia d.o.o.	SME (Micro / Small / Medium -sized enterprise)	Slovenia
Registrant 22	UTCB	Research & Education	Romania
Registrant 23	Piłskie TBS sp. z o.o.	construction housing, property management	Poland
Registrant 24	pRO-nZEB Cluster Association	Business network	Romania
Registrant 25	Rihter d.o.o.	SME (Micro / Small / Medium -sized enterprise)	Slovenia
Registrant 26	Construction Cluster Dundjer	Business network	Serbia
Registrant 27	Faculty of Civil Engineering and Architecture, University of Nis	Research & Education	Serbia
Registrant 28	Center for Permanent Education Nis	SME (Micro / Small / Medium -sized enterprise)	Serbia
Registrant 29	Sargan Engineering Nis	SME (Micro / Small / Medium -sized enterprise)	Serbia
Registrant 30	ArchEnerg Cluster	Business network	Hungary
Registrant 31	UTCB	Research & Education	Romania
Registrant 32	VAGRES ENGINEERING Nis	SME (Micro / Small / Medium -sized enterprise)	Serbia
Registrant 33	IRC ALFATEC Nis	Research & Education	Serbia
Registrant 34	Faculty of Civil Engineering Nis	Research & Education	Serbia

Registrant 35	VAGRES ENGINEERING Nis	SME (Micro / Small / Medium -sized enterprise)	Serbia
Registrant 36	Faculty of Civil Engineering Nis	Research & Education	Serbia
Registrant 37	Faculty of Civil Engineering Nis	Research & Education	Serbia
Registrant 38	Faculty of Civil Engineering Nis	Research & Education	Serbia
Registrant 39	Cambridge Code 1, Nis	SME (Micro / Small / Medium -sized enterprise)	Serbia
Registrant 40	SWG&M Belgrade	SME (Micro / Small / Medium -sized enterprise)	Serbia
Registrant 41	VAGRES ENGINEERING Nis	SME (Micro / Small / Medium -sized enterprise)	Serbia
Registrant 42	Cambridge Code 2 Nis	SME (Micro / Small / Medium -sized enterprise)	Serbia
Registrant 43	Deltaelektronik Nis	SME (Micro / Small / Medium -sized enterprise)	Serbia
Registrant 44	Primaria Timisoara	Public Authority	Romania
Registrant 45	IRC ALFATEC Nis	Research & Education	Serbia
Registrant 46	GRAMONT ENGINEERING Nis	SME (Micro / Small / Medium -sized enterprise)	Serbia
Registrant 47	VAGRES ENGINEERING Nis	SME (Micro / Small / Medium -sized enterprise)	Serbia
Registrant 48	VIKING	SME (Micro / Small / Medium -sized enterprise)	Poland
Registrant 49	Faculty of Mechanical Engineering Nis	Research & Education	Serbia
Registrant 50	City Of Nis	Public Authority	Serbia
Registrant 51	Faculty of Civil Engineering Nis	Research & Education	Serbia
Registrant 52	VAGRES ENGINEERING Nis	SME (Micro / Small / Medium -sized enterprise)	Serbia
Registrant 53	Highschool Knjazevac	Research & Education	Serbia
Registrant 54	VAGRES ENGINEERING Nis	SME (Micro / Small / Medium -sized enterprise)	Serbia
Registrant 55	ATREIDES Nis	SME (Micro / Small / Medium -sized enterprise)	Serbia
Registrant 56	Faculty of Occupational Safety Nis	Research & Education	Serbia
Registrant 57	Faculty of Civil Engineering Nis	Research & Education	Serbia
Registrant 58	Municipality of Niska Banja	Public Authority	Serbia
Registrant 59	Faculty of Mechanical Engineering Nis	Research & Education	Serbia
Registrant 60	PSG ENGINEERING Nis	SME (Micro / Small / Medium -sized enterprise)	Serbia
Registrant 61	VAGRES ENGINEERING Nis	SME (Micro / Small / Medium -sized enterprise)	Serbia
Registrant 62	Faculty of Civil Engineering Nis	Research & Education	Serbia
Registrant 63	Faculty of Mechanical Engineering Nis	Research & Education	Serbia
Registrant 64	TRION Niska banja	SME (Micro / Small / Medium -sized enterprise)	Serbia
Registrant 65	NASUMICA Nis	SME (Micro / Small / Medium -sized enterprise)	Serbia
Registrant 66	SWG&M Belgrade	SME (Micro / Small / Medium -sized enterprise)	Serbia
Registrant 67	GRAMONT ENGINEERING Nis	SME (Micro / Small / Medium -sized enterprise)	Serbia
Registrant 68	Faculty of Civil Engineering Nis	Research & Education	Serbia
Registrant 69	Faculty of Sciences and Mathematics Nis	Research & Education	Serbia
Registrant 70	Faculty of Sciences and Mathematics Nis	Research & Education	Serbia
Registrant 71	MB INZENJERING Knjazevac	SME (Micro / Small / Medium -sized enterprise)	Serbia
Registrant 72	Faculty of Electronic Engineering Nis	Research & Education	Serbia



Registrant 73	AG TIM Nis	SME (Micro / Small / Medium -sized enterprise)	Serbia
Registrant 74	ALUMING Nis	SME (Micro / Small / Medium -sized enterprise)	Serbia
Registrant 75	Design bureau ARSOV BORIS Nis	SME (Micro / Small / Medium -sized enterprise)	Serbia
Registrant 76	BALKAN Crna Trava	Business network	Serbia
Registrant 77	ARGO Vranje	SME (Micro / Small / Medium -sized enterprise)	Serbia
Registrant 78	STALIBPROJEKT Nis	SME (Micro / Small / Medium -sized enterprise)	Serbia
Registrant 79	KAPAPROJEKT Nis	SME (Micro / Small / Medium -sized enterprise)	Serbia
Registrant 80	ABR Nis	SME (Micro / Small / Medium -sized enterprise)	Serbia
Registrant 81	SAMPION GRADNJA Nis	SME (Micro / Small / Medium -sized enterprise)	Serbia
Registrant 82	SARGAN ENGINEERING Nis	SME (Micro / Small / Medium -sized enterprise)	Serbia
Registrant 83	VARING IZGRADNJA Nis	SME (Micro / Small / Medium -sized enterprise)	Serbia
Registrant 84	QETICS	NGO	Romania
Registrant 85	UTCB	Research & Education	Romania
Registrant 86	DNC CALINA S.R.L.	SME (Micro / Small / Medium -sized enterprise)	Romania
Registrant 87	CIVILIS SRL	SME (Micro / Small / Medium -sized enterprise)	Romania
Registrant 88	Technical University of Cluj-Napoca	Research & Education	Romania
Registrant 89	TRANDAFIR C STERE AUDITOR ENERGETIC PT CLADIRI	SME (Micro / Small / Medium -sized enterprise)	ROMANIA
Registrant 90	Clustor pRO-nZEB	Research & Education	Romania
Registrant 91	SunE- Asociatia Patronală Surse Noi de Energie	NGO	Romania
Registrant 92	A+house	SME (Micro / Small / Medium -sized enterprise)	Poland
Registrant 93	IRI UL	Research & Education	Slovenia
Registrant 94	NORD CONFOREST SA	SME (Micro / Small / Medium -sized enterprise)	ROMANIA
Registrant 95	Technical University of Cluj-Napoca	Research & Education	Romania
Registrant 96	VIKING DOORS AND WINDOWS	SME (Micro / Small / Medium -sized enterprise)	POLAND
Registrant 97	Gramint d.o.o.	SME (Micro / Small / Medium -sized enterprise)	Slovenia
Registrant 98	Subcarpathia Engineering	SME (Micro / Small / Medium -sized enterprise)	Romania
Registrant 99	Urząd Miejski w Przemyślu	Public Authority	Poland
Registrant 100	PPTT	NGO	Romania
Registrant 101	Alukönigstahl	SME (Micro / Small / Medium -sized enterprise)	Romania
Registrant 102	CPG-Europe	Business network	Romania
Registrant 103	ORTOSIL SRL	SME (Micro / Small / Medium -sized enterprise)	ROMANIA
Registrant 104	KADRA Tech	SME (Micro / Small / Medium -sized enterprise)	Romania
Registrant 105	ADD Technology	SME (Micro / Small / Medium -sized enterprise)	Republica Moldova
Registrant 106	Certimac	Research & Education	Italy

## 1.4 Participants

The SMART4NZEB International Dissemination & Networking event brought together 72 participants from 13 countries – Romania (26), Poland (15), Serbia (14), Slovenia (8), Austria (1), Bulgaria (1), Burkina Faso (1), France (1), Italy (1), Mexico (1), Moldova (1), Spain (1), United Kingdom (1).

These participants were representing either organisations – Business Networks (3), Clusters (6), Large Companies (2), Non-Governmental Organisations (3), Public Authorities (4), Research & Education Institutions (14), SMEs (15), or joined as sole experts or building / household owners (12) interested in the topic of nearly Zero Energy Buildings, as shown in the table below.

*Table 2 International Dissemination & Networking event participation*

No.	Organisation	Type of Organisation	Country	No. of participants
1	ADD Technology	SME (Micro / Small / Medium - sized enterprise)	Moldova	1
2	Association of Buildings Energy Auditors	NGO	Romania	1
3	AViTeM	Public Authority	France	1
4	Brunel University London	Research & Education	United Kingdom	1
5	Building and civil engineering institute ZRMK	Research & Education	Slovenia	1
6	Business Development Group SRL	SME (Micro / Small / Medium - sized enterprise)	Romania	1
7	Celynx AG	Large Company	Romania	1
8	Center for Permanent Education Nis	Research & Education	Serbia	1
9	Certimac	Research & Education	Italy	1
10	CIVILIS	SME (Micro / Small / Medium - sized enterprise)	Romania	1
11	CMC Foundation	NGO	Romania	1
12	CPG-Europe	Business network	Romania	1
13	DNC CALINA S.R.L.	SME (Micro / Small / Medium - sized enterprise)	Romania	1
14	Dundjer	Cluster	Serbia	2
15	Eneffect	NGO	Bulgaria	1
16	Faculty of Civil Engineering Maribor	Research & Education	Slovenia	1
17	Faculty of Occupational Safety Nis	Research & Education	Serbia	1
18	Faculty of Sciences and Mathematics Nis	Research & Education	Serbia	1
19	Fundacion Laboral de la Construccion	Research & Education	Spain	1
20	GRAMONT ENGINEERING Nis	SME (Micro / Small / Medium - sized enterprise)	Serbia	1
21	Highschool Knjazevac	Research & Education	Serbia	1
22	pRO-nZEB	Cluster	Romania	2
23	IRC ALFATEC Nis	SME (Micro / Small / Medium - sized enterprise)	Serbia	1
24	IRI UL	Research & Education	Slovenia	1
25	ITC Cluster of Colima	Cluster	Mexico	1
26	Jožef Stefan Institute - Energy Efficiency Centre	Research & Education	Slovenia	1
27	KADRA Tech	Large Company	Romania	1
28	MDE Innenausbau GmbH	SME (Micro / Small / Medium - sized enterprise)	Austria	1

29	Norwegian Refugee Council - WASH Shelter	Public Authority	Burkina Faso	1
30	Olaff Energy Solutions	SME (Micro / Small / Medium - sized enterprise)	Poland	1
31	Pilskie TBS sp. z o.o.	SME (Micro / Small / Medium - sized enterprise)	Poland	1
32	PPTT (Patronatul Producatorilor de Tamplarie Termoizolanta)	Business network	Romania	1
33	PSDiK	Cluster	Poland	1
34	QETICS	Business network	Romania	1
35	RIC PRO-Akademia	Cluster	Poland	7
36	SAMPION GRADNJA Nis	SME (Micro / Small / Medium - sized enterprise)	Serbia	1
37	SARGAN ENGINEERING Nis	SME (Micro / Small / Medium - sized enterprise)	Serbia	2
38	SGG - Construction Cluster of Slovenia	Cluster	Slovenia	2
39	Subcarpathia Engineering	SME (Micro / Small / Medium - sized enterprise)	Romania	1
40	Tanari Arhitect	SME (Micro / Small / Medium - sized enterprise)	Romania	1
41	Technical University of Civil Engineering in Bucharest	Research & Education	Romania	3
42	Technical University of Cluj-Napoca	Research & Education	Romania	2
43	UNION PROJEKT d.o.o	SME (Micro / Small / Medium - sized enterprise)	Slovenia	1
44	University of Architecture and Urbanism "Ion Mincu"	Research & Education	Romania	1
45	Urząd Miejski w Błoniu	Public authority	Poland	1
46	Urząd Miejski w Przemyślu	Public authority	Poland	1
47	VAGRES ENGINEERING Nis	SME (Micro / Small / Medium - sized enterprise)	Serbia	1
48	Other Stakeholders (Experts, Building / Household Owners etc.)	N/A	Romania, Slovenia, Poland, Serbia	12
Total				72

## 2. Content

### 2.1 Main sessions

The event consisted of two main sessions, one in which speakers presented projects that support the implementation of nearly Zero Energy Buildings (nZEB) in general and one in which results of projects having a higher focus on upskilling of professionals dealing with nZEB were disseminated.

Agenda	
Time (CEST)	Activity
10:00-11:55 SESSION 1: New approaches to the nZEB renovation	
10:00	Welcome
10:10	Getting the Market Ready for nZEB implementation - SMART4NZEB and other EU actions for National development. Horia Petran, pRO nZEB Cluster Coordinator
10:35	ReCO2ST: Residential Buildings Retrofit to nZEB with optimum cost, health, comfort and environmental quality. Professor Maria Kolokotroni, Brunel University London
11:00	The HAPPEN Project as an effective approach to boost deep renovation of buildings in the Mediterranean area towards the nZEB standard. Results and Outcomes. Giulia De Aloysio - Certimac
11:25	Discussion
11:55	Coffee break
12:10-14:00 SESSION 2: Training as a tool fostering the nZEB deployment	
12:10	The role of the training as a support for a more sustainable construction sector - experience from Spain. Esther Rodriguez, Fundación Laboral de la Construcción, Construye2020_Plus project
12:35	The role of EPC for nZEB deployment in Bulgaria. Stanislav Andreev, EnEffect
13:00	Supporting NZEB and sustainable building progress in Slovenia in LIFE IP CARE4CLIMATE project. dr. Marjana Šijanec Zavrl, Building and Civil Engineering Institute ZRMK, Slovenia
13:25	Discussion

#### 2.1.1 Presentation 1 – Getting the Market Ready for nZEB implementation – SMART4NZEB and other EU actions for National development



Supporting nZEB deployment in Europe  
– the experience of EU-funded projects

International Networking Event | 21 October 2021



### Getting the Market Ready for nZEB implementation - SMART4NZEB and other EU actions for National development



**Horia Petran**

**Cluster Pro-nZEB  
INC D URBAN-INCERC**

The Building Knowledge Hub – Romania  
Bucharest, Sos. Pantelimon 266 | [www.incd.ro](http://www.incd.ro)



- 2.1.2 Presentation 2 – ReCO2ST: Residential Buildings Retrofit to nZEB with optimum cost, health, comfort and environmental quality



## ReCO2ST: Residential Buildings Retrofit to nZEB with optimum cost, health, comfort and environmental quality

**Professor Maria Kolokotroni**  
**Brunel University London**  
**Mechanical and Aerospace Engineering**  
**Institute of Energy Futures**  
**Director: Resource Efficient Future Cities Research Centre**



1

- 2.1.3 Presentation 3 – The HAPPEN Project as an effective approach to boost deep renovation of buildings in the Mediterranean area towards the nZEB standard. Results and Outcomes

The logo for the HAPPEN project, featuring a stylized house icon with a sun and a leaf, and the text 'HAPPEN MedZEB certified'.

**Supporting nZEB deployment in Europe**  
**The experience of EU-funded projects**

21/10/2021

**The HAPPEN Project as an effective approach to boost deep renovation of buildings in the Mediterranean area towards the nZEB standard. Results and Outcomes**

Giulia De Aloysio – Project Manager  
Luca Laghi CTO at Certimac



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 785072

2.1.4 Presentation 4 – The role of training as a support for a more sustainable sector – experience from Spain



**CONSTRUYE 2020+**

**HORIZONAL PROGRAMME**

Accelerate the building renovation and the new construction under the sustainable criteria. Key elements:

- Specific funding programmes
- Increase the number of construction projects
- Quality management system
- Increase the number of jobs

**PARTNERSHIP**

**FUNDACIÓN LABORAL DE LA CONSTRUCCIÓN**  
Paritarian entity for the qualification of construction sector

**INSTITUTO NACIONAL DE LAS CUALIFICACIONES**  
National Institute for Qualifications

**CSIC**  
Construction Research entity (Ministry of Science)

**Fundación Estatal FIDEA LA FORMACIÓN EN EL EMPLEO**  
Management of national budget for non-formal training

**circ**  
Construction Research entity

**IRTIC**  
Tecnological partner (University)

**MAIN RESULTS**

**MAIN RESULTS**



# The role of EPC for nZEB deployment in Bulgaria

Supporting nZEB deployment in Europe – the experience of EU-funded projects

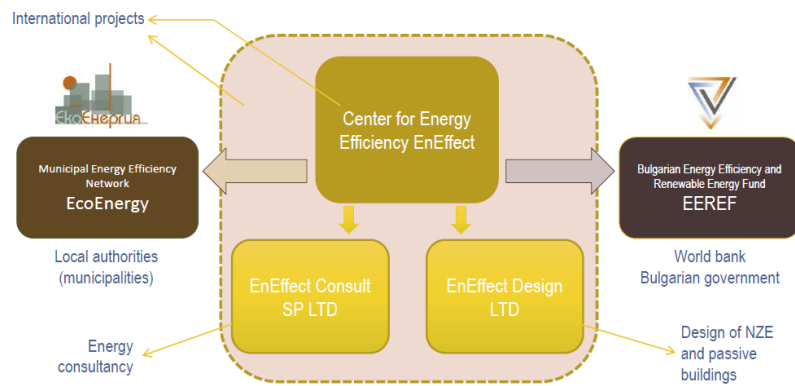
21 OCTOBER 2021



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## EnEffect, Center for Energy Efficiency



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2.1.6 Presentation 6 – Supporting nZEB and sustainable building progress in Slovenia in LIFE IP CARE4CLIMATE project.




 REPUBLIKA SLOVENIJA  
 MINISTRSTVO ZA OKOLJE IN PROSTOR

# Supporting NZEB and sustainable building progress in Slovenia in LIFE IP CARE4CLIMATE project


Marjana Šijanec Zavrl,  
 Building and Civil Engineering Institute ZRMK



[www.care4climate.si](http://www.care4climate.si)  
 21 October, 2021







 REPUBLIKA SLOVENIJA  
 MINISTRSTVO ZA OKOLJE IN PROSTOR

# LIFE IP CARE4CLIMATE

LIFE IP CARE4CLIMATE is an integrated project that, through awareness-raising, education and training of key stakeholders, encourages the implementation of policies & measures (in OP GHG, NEEAP, NECP, LTRS)

and helps Slovenia meet its greenhouse gas emission reduction targets by 2020 and 2030.

(2019 – 2026)  
[www.care4climate.si](http://www.care4climate.si)



The LIFE IP CARE4CLIMATE (LIFE17 IPC/SI/000007) project is an integrated project, co-financed by the European LIFE programme, the Climate Change Fund and other partners.





### 2.1.7 Open discussions

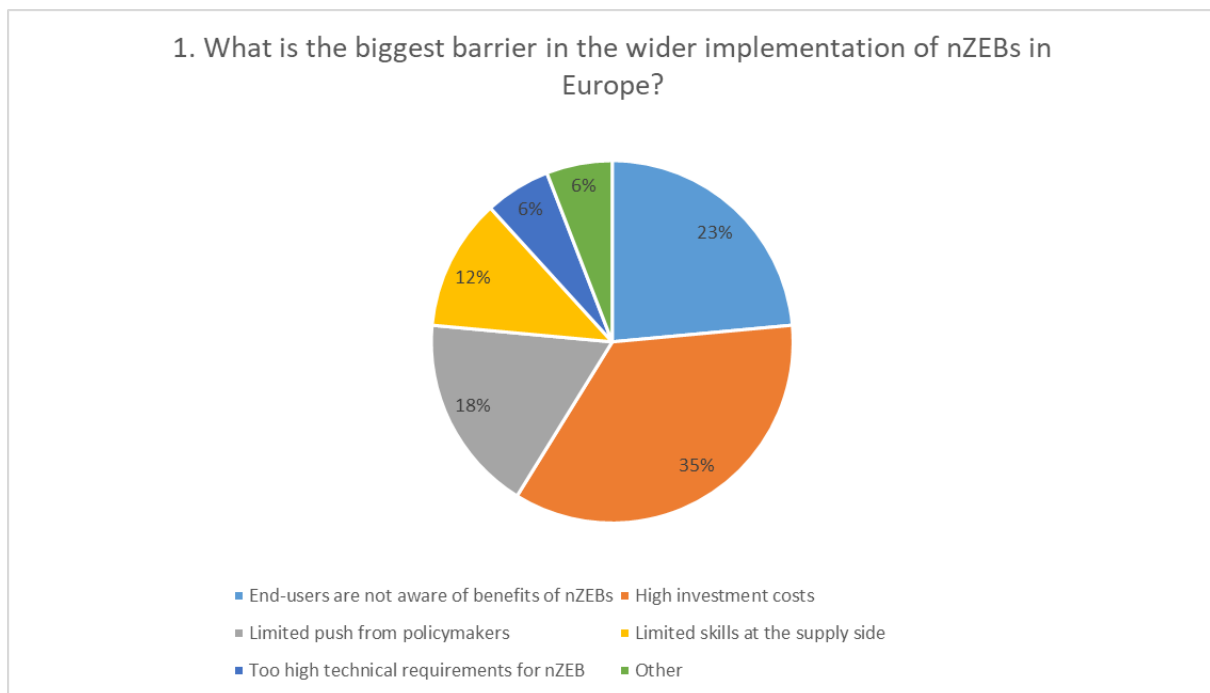
During the event, in both main sessions, participants were asked several questions related to nZEB deployment within the EU (challenges and what to do).

The open discussion session was driven mainly by the answers received during polling.

The questions and results for each of them is shown further in this sub-subchapter.

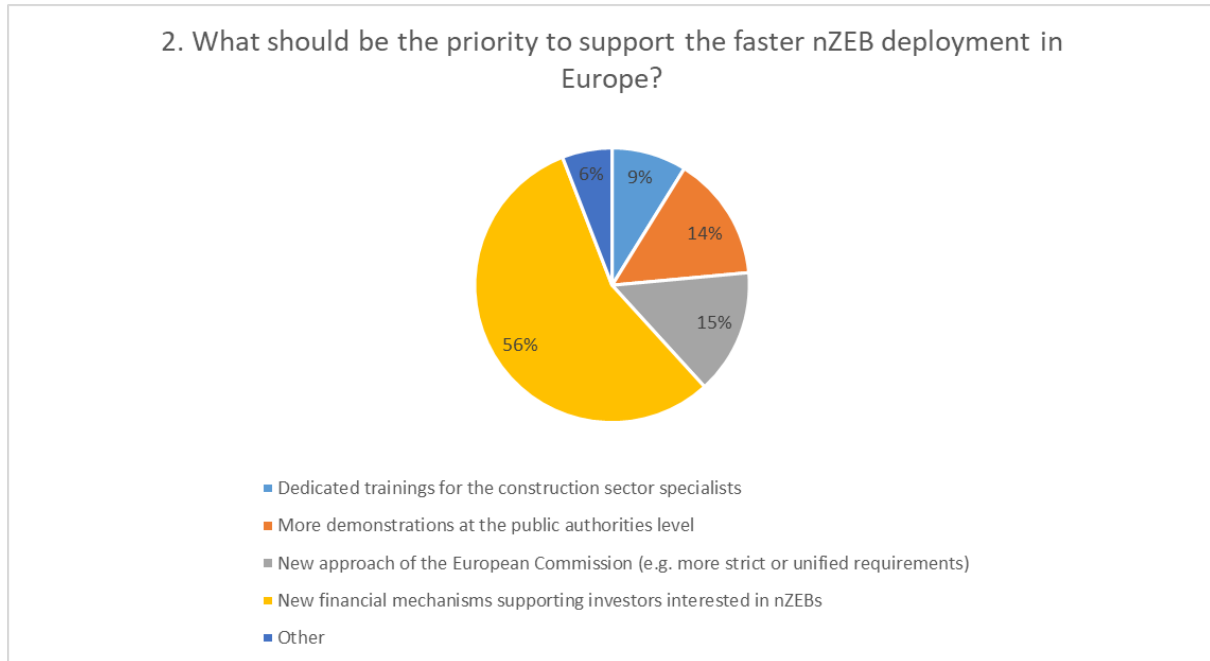
<b>Session 1 Questions (Single choice)</b>	<b>Votes</b>
<b>1. What is the biggest barrier in the wider implementation of nZEBs in Europe?</b>	
End-users are not aware of benefits of nZEBs	8
High investment costs	12
Limited push from policymakers	6
Limited skills at the supply side	4
Too high technical requirements for nZEB	2
Other	2

Total number of answers: 34



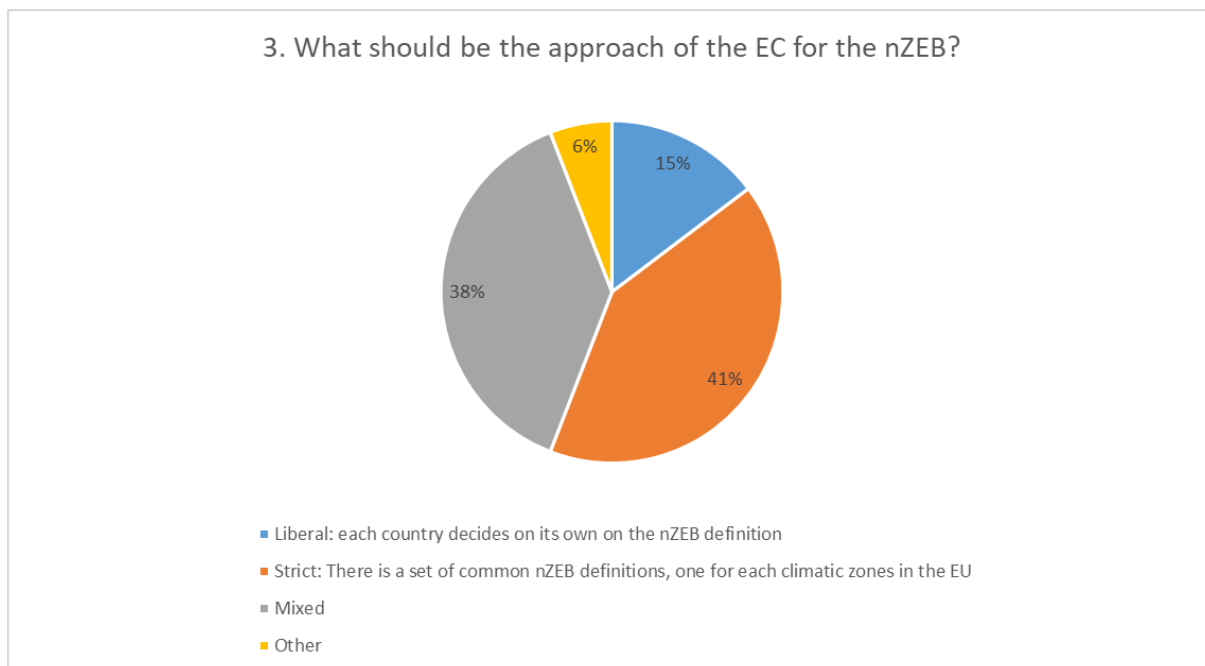
<b>Session 1 Questions (Single choice)</b>	<b>Votes</b>
<b>2. What should be the priority to support the faster nZEB deployment in Europe?</b>	
Dedicated trainings for the construction sector specialists	3
More demonstrations at the public authorities level	5
New approach of the European Commission (e.g. more strict or unified requirements)	5
New financial mechanisms supporting investors interested in nZEBs	19
Other	2

Total number of answers: 34



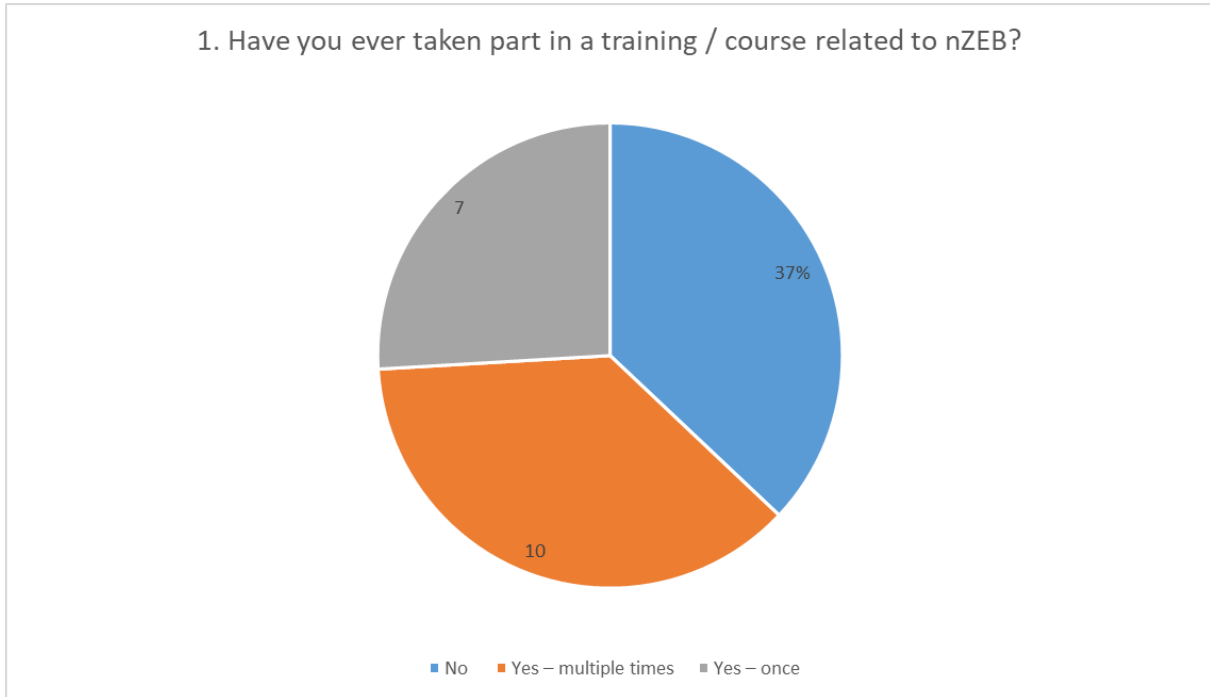
Session 1 Questions (Single choice)	Votes
<b>3.What should be the approach of the EC for the nZEB?</b>	
Liberal: each country decides on its own on the nZEB definition	5
Strict: There is a set of common nZEB definitions, one for each climatic zones in the EU	14
Mixed	13
Other	2

Total number of answers: 34



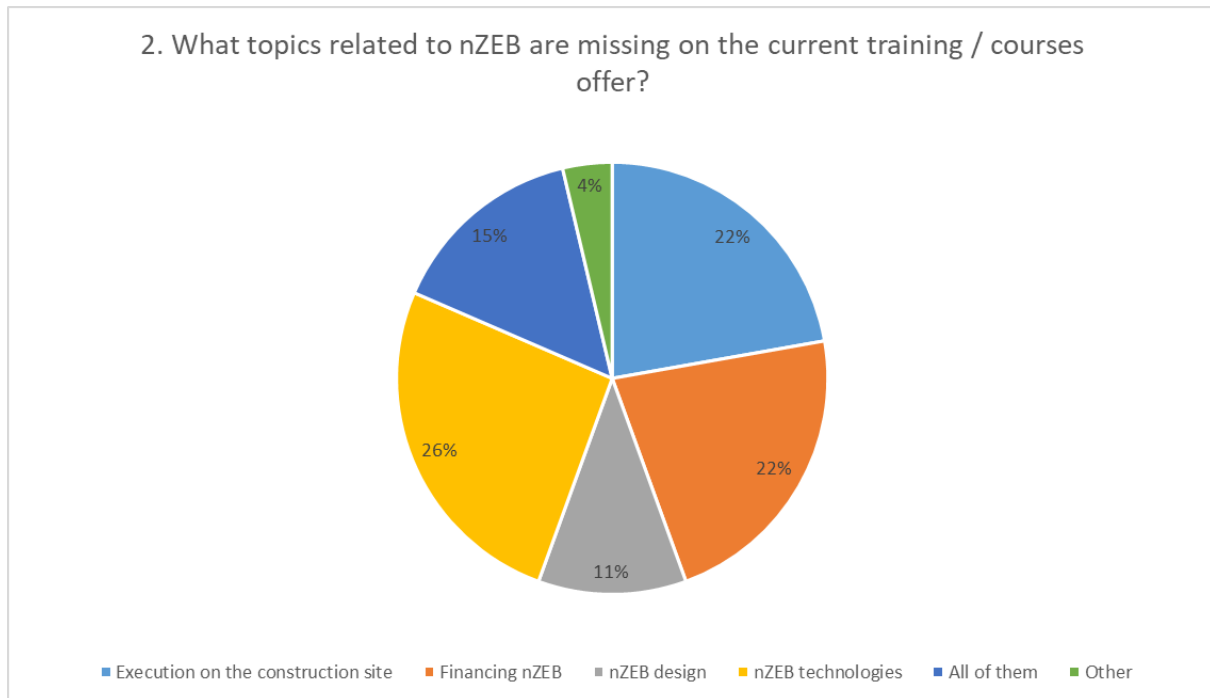
Session 2 Questions (Single choice)	Votes
<b>1. Have you ever taken part in a training / course related to nZEB?</b>	
No	10
Yes – multiple times	10
Yes – once	7

Total number of answers: 27



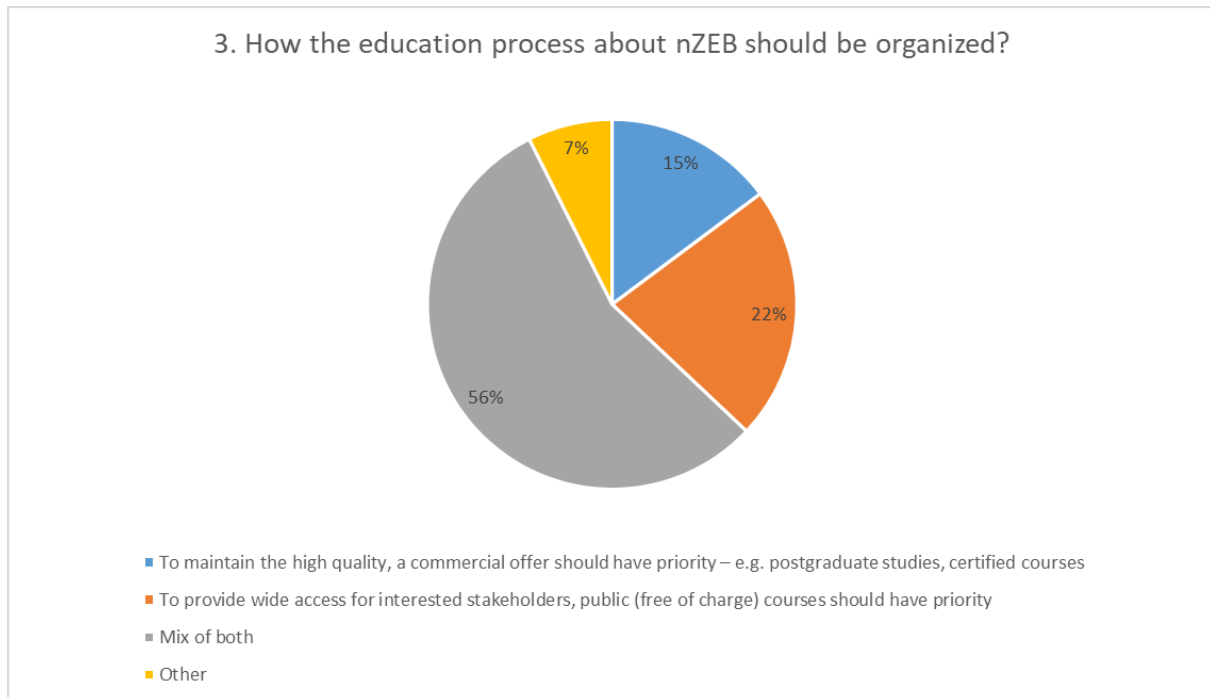
Session 2 Questions (Single choice)	Votes
<b>2. What topics related to nZEB are missing on the current training / courses offer?</b>	
Execution on the construction site	6
Financing nZEB	6
nZEB design	3
nZEB technologies	7
All of them	4
Other	1

Total number of answers: 27



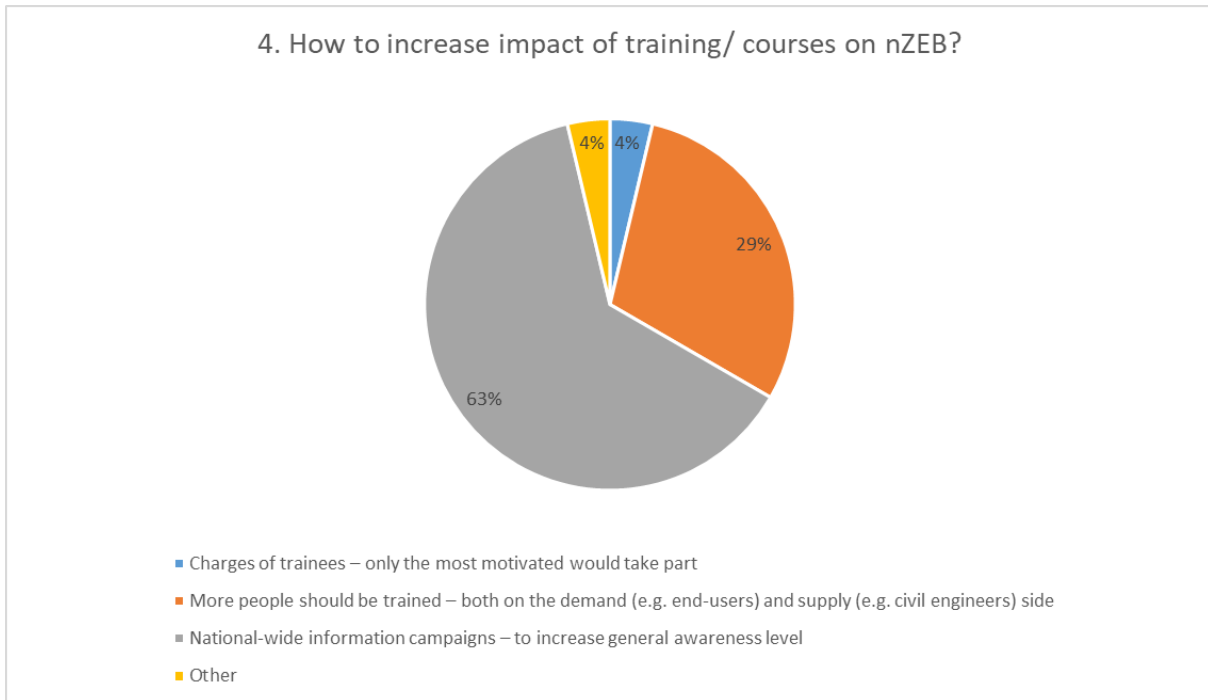
<b>Session 2 Questions (Single choice)</b>	<b>Votes</b>
<b>3. How the education process about nZEB should be organized?</b>	
To maintain the high quality, a commercial offer should have priority – e.g. postgraduate studies, certified courses	4
To provide wide access for interested stakeholders, public (free of charge) courses should have priority	6
Mix of both	15
Other	2

Total number of answers: 27

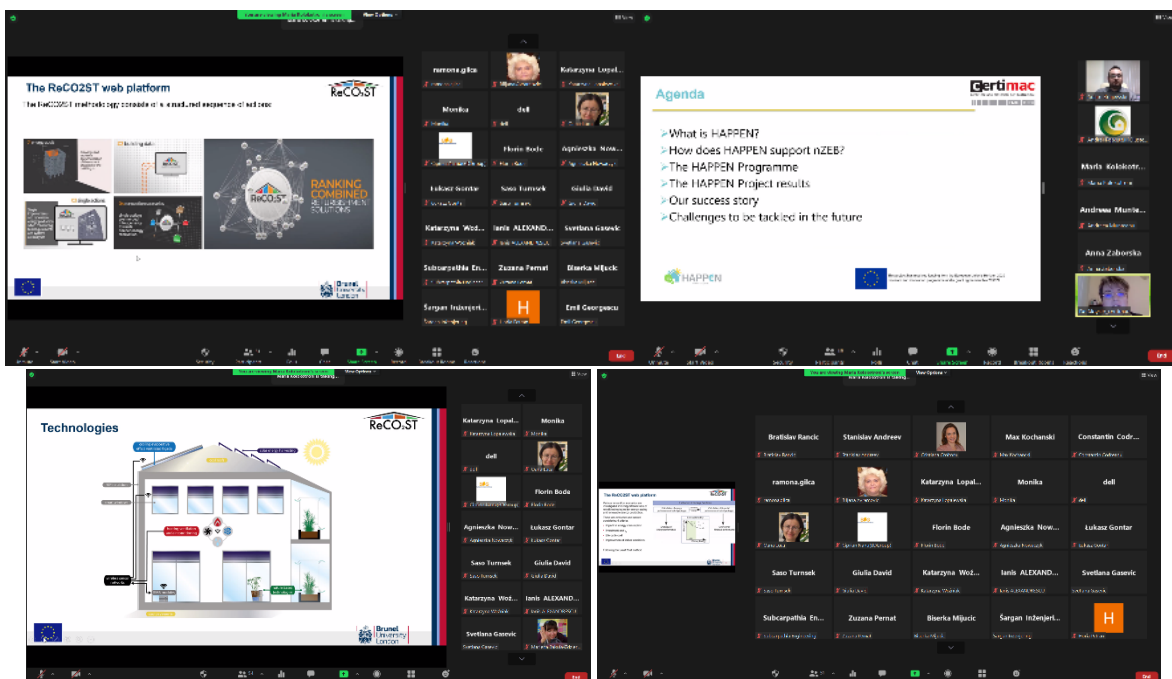


Session 2 Questions (Single choice)	Votes
<b>4. How to increase impact of training/ courses on nZEB?</b>	
Charges of trainees – only the most motivated would take part	1
More people should be trained – both on the demand (e.g. end-users) and supply (e.g. civil engineers) side	8
National-wide information campaigns – to increase general awareness level	17
Other	1

Total number of answers: 27



### 2.1.8 Screenshots taken during the event



**EnEffect, Center for Energy Efficiency**

Cooperating partners:

- Ministry of Energy (Government of the Republic of Slovenia)
- Energy Community of Central and Eastern Europe
- Ministry of Energy (Government of the Republic of Serbia)
- Energy Community of Central and Eastern Europe

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The main responsibility of the coordinator and project manager is to ensure that the project is implemented in accordance with the objectives of the project.

**Supporting NZEB deployment in Europe – the experience of EU-funded projects**  
International Networking Event | 21 October 2021

Getting the Market Ready for nZEB implementation – SMART4NZEB and other EU actions for National development

Horis Petras  
Cluster Pro-NZEB  
INCD URBAN-INCCRC  
The Building Knowledge Hub – Romania  
Bucharest, SOI, Panel room 206 | www.incd.ro

Partners: ESCP-X, SMART4NZEB, URBAN-INCCRC, CLUSTER PRO-NZEB, SGGCCS, PSDIK, SUNBER.

**NZEB in Slovenia**

- Building code under revision
  - 2018 real-practical study into major changes, study of requirements for building elements
  - ENB standards (Slovenski standardi)
  - Coordinating ENB, National Energy and Climate Plan, 2030
  - Updated PUE
  - Min. requirements for new buildings and renovation

**EPC quality**

U-CERT  
User-centered EPCs developed under uniform methodology

The main responsibility of the coordinator and project manager is to ensure that the project is implemented in accordance with the objectives of the project.

**Involve all stakeholders!**

The main responsibility of the coordinator and project manager is to ensure that the project is implemented in accordance with the objectives of the project.



### 3. Conclusions

The International Dissemination & Networking event, which was organized by the SMART4NZEB consortium on the 21<sup>st</sup> of October 2021, brought together professionals and various stakeholders active in sectors related to nearly Zero Energy Buildings (nZEB), such as construction industry, energy efficiency and energy from renewable sources.

Two sessions were allocated for presentations on various EU funded projects that support innovation and the deployment of nZEB in Europe, with speakers from Romania, United Kingdom, England, Italy, Spain, Bulgaria, and Slovenia.

During the presentation sessions, the audience was surveyed on various issues related to nZEB. The results of this polling exercise facilitated the Open Discussions session of the event and better understand the local and international context. Even more, the answers received during polling, together with the outcome of the Open Discussions session, will help the SMART4NZEB project partners to better identify elements for their future Strategies and Action Plans.

Altogether, during all sessions, the event brought in 72 participants, 60 of them representing 47 organisations and 12 of them being individual professionals or interested parties. These participants came from 13 countries to share their own experience and knowledge in terms of nZEB and energy efficiency, disseminate and discuss local and international challenges and initiatives, make new contacts, and overall, better connect in view of potential future common and coordinated actions for a sustained nZEB deployment throughout the European Union.