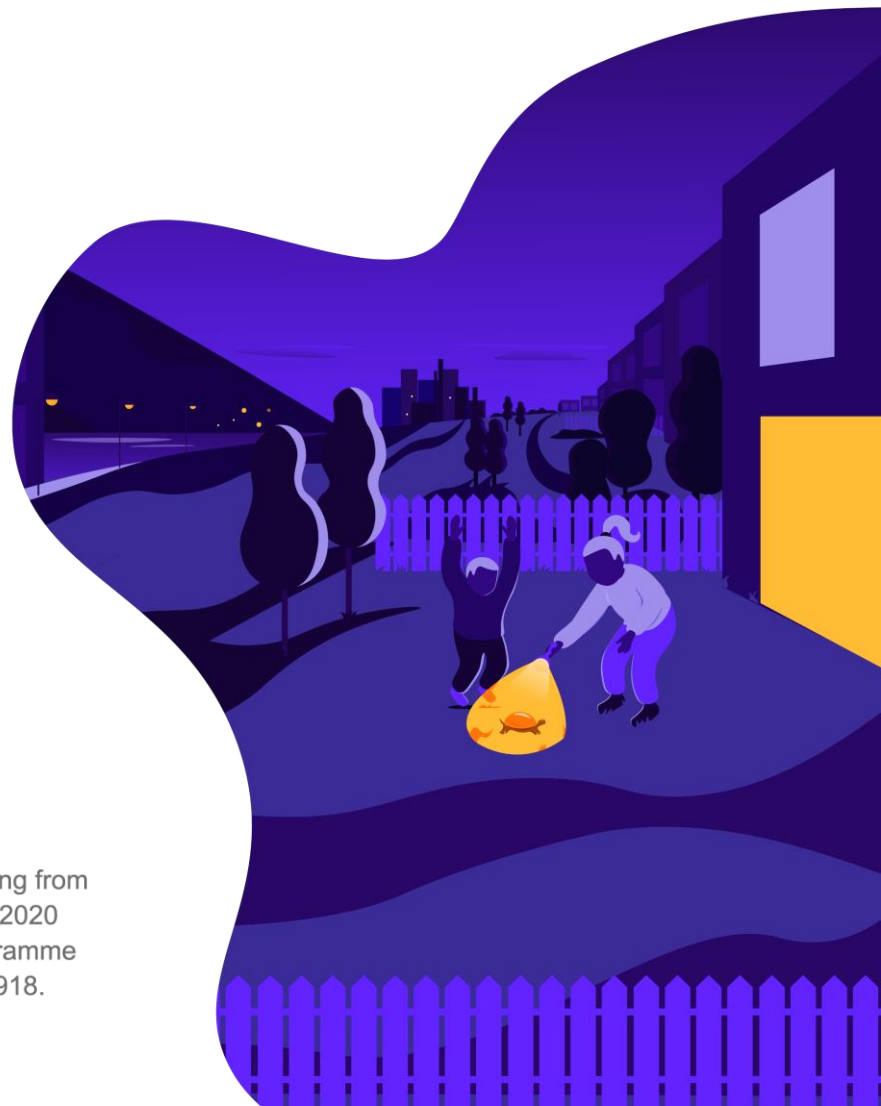


WP7 Communication and Dissemination

D7.7 VIDEOS AND INFOGRAPHICS ABOUT THE DEMO
PROJECTS AND REPORTS FROM THE PROJECT
CONFERENCES AND EVENTS

Margaux Barrett (BPIE)

M48



This project has received funding from
the European Union's Horizon 2020
Research and Innovation programme
under Grant Agreement N 869918.

Revision Log:

PROJECT ACRONYMsyn.ikia
 PROJECT NUMBER869918
 PROJECT TITLE.....Sustainable Plus Energy Neighbourhoods
 WEBSITE.....www.synikia.eu

Technical References

Deliverable (number)	D7.7			
Deliverable Name	Videos & Infographics about the case studies and reports from the project conferences			
Work Package (number)	7			
Task number and Title	(T7.6) Enhance user involvement and satisfaction			
Dissemination Level	PU			
Date of Delivery	31/12/2023			
Lead Beneficiary	BPIE			
Contributors	All partners			
Reviewers	SINTEF, NTNU, Housing Europe			
Status	Final			
Document history	V0	Margaux Barrett, BPIE	Author	15/12/2023
	V1	Caroline Cheng, SINTEF	Contributor, Reviewer	03/10/2023 17/10/2023 10/11/2023
	V2	Niki Gaitani NTNU	Contributor, Reviewer	18/12/2023
Final	V3	Margaux Barrett	Author	18/12/2023

Executive Summary

This report aims to share the communication materials that have been developed during the project, in particular videos and infographics; and the related project events and conferences. It is due in Month 48 and will be updated to reflect the full list of events organised (or attended) by syn.ikia partners throughout the course of the project.

Table of contents

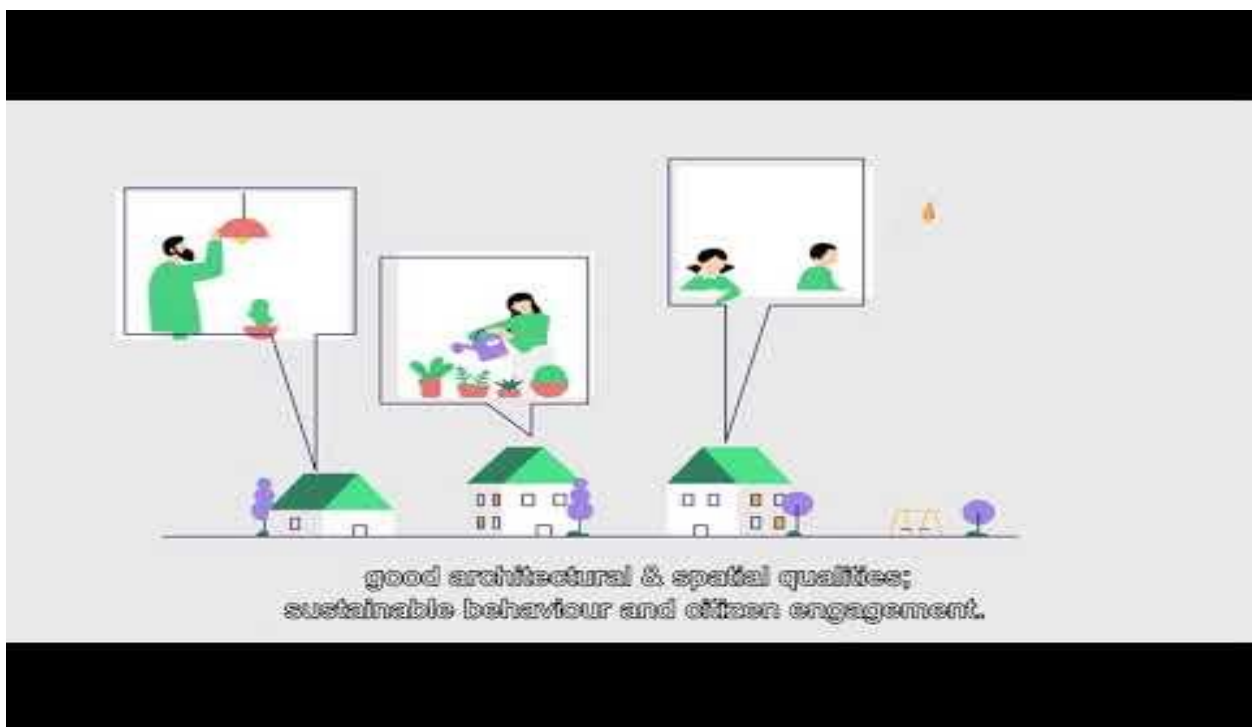
Revision Log:.....	1
Technical References.....	1
Executive Summary	2
1. Videos and infographics	3
1.1 First explainer video: what is syn.ikia about?	3
1.2. Infographics	5
1.3. Second explainer video: deep dive into the pilots.....	7
2. Report from project conferences	11
2.1 Events that took place in 2020	11
2.2 Events that took place in 2021	13
2.3 Events that took place in 2022	16
2.4 Events that took place in 2023	21

1. Videos and infographics

1.1 First explainer video: what is syn.ikia about?

This video was developed by BPIE, with the support of Housing Europe and NTNU, within the first six months of the project to give a general introduction to syn.ikia: context, aims and targets, and partners. The video is developed with the aim to raise interest about the project and the topic of Sustainable Plus Energy Neighbourhoods; links towards the project's social media channels are also included at the end of the video. As of December 2023, the video has been shared multiple times on social media, in the newsletter. It is available in English, with subtitles in the languages of all partners. Since its publication online, the video has cumulated 489 views (as of December 2023).

The video is available on syn.ikia's website as well as YouTube channel here: https://youtu.be/mdz8d66kTXE?si=l9dUIVIVYF_7nsuX



Full script:

13 partners across the EU have teamed up to create environment-friendly, resilient, safe and affordable living places and communities.

Syn.ikia is a 4-year Horizon 2020 funded project that aims to increase the share of sustainable neighbourhoods with surplus renewable energy in different contexts, climates and markets in Europe.

Our concept relies on the interplay between novel technologies at the neighbourhood scale; integrated energy design; energy efficiency & flexibility; good architectural & spatial qualities; sustainable behaviour and citizen engagement.

To demonstrate the functionality of the plus-energy neighbourhood concept for the rest of Europe, we will develop 4 real-life Sustainable Plus Energy Neighbourhoods in Norway, Spain, The Netherlands and Austria. These demo neighbourhoods will aim to achieve:

- Over 100% energy savings
- 90% renewable energy generation triggered
- 100% GHG emission reduction
- 10% life cycle costs reduction*

Syn.ikia will speed-up technological developments for energy efficiency, RES, storage, flexibility and exploitation to all relevant market actors.

Visit syn.ikia.eu or contact us to find out more!

Screenshots of the video:

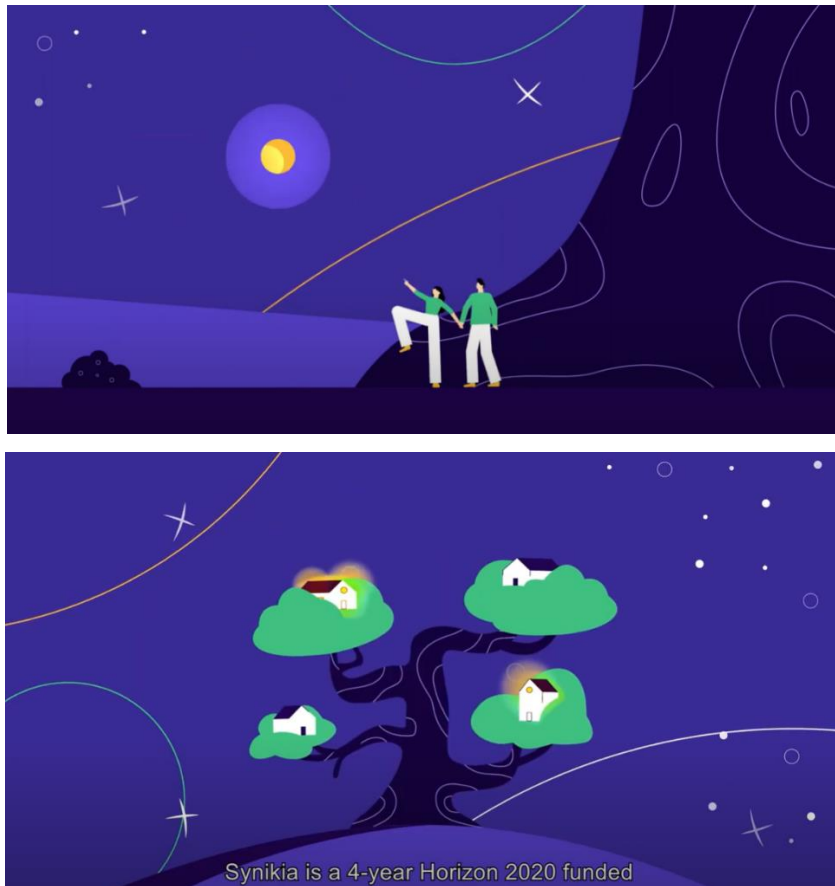


Figure 1 Introductory scene.



Figure 2 Focus on the aspect of citizen engagement within the syn.ikia project.

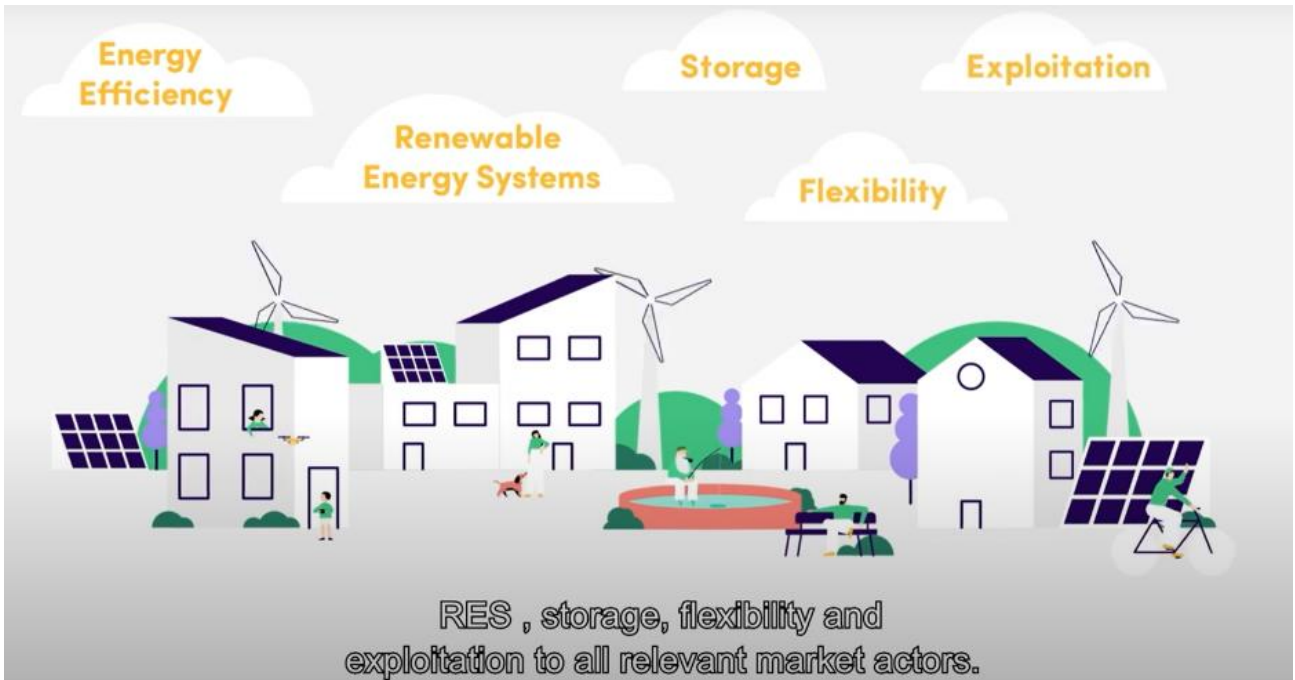


Figure 3 Main features of a SPEN.

1.2. Infographics

Following the first video, infographics were produced. Available in the project shared folder, they are available for all partners to use. They are mainly used for social media (see on Twitter [here](#) and [here](#)), but also for the website (see [here](#) and [here](#)). Depending on needs and available resources, the development of additional infographics can be planned in the final year of the project.

Examples of infographics:



Figure 4 Infographics presenting the syn.ikia pilots.

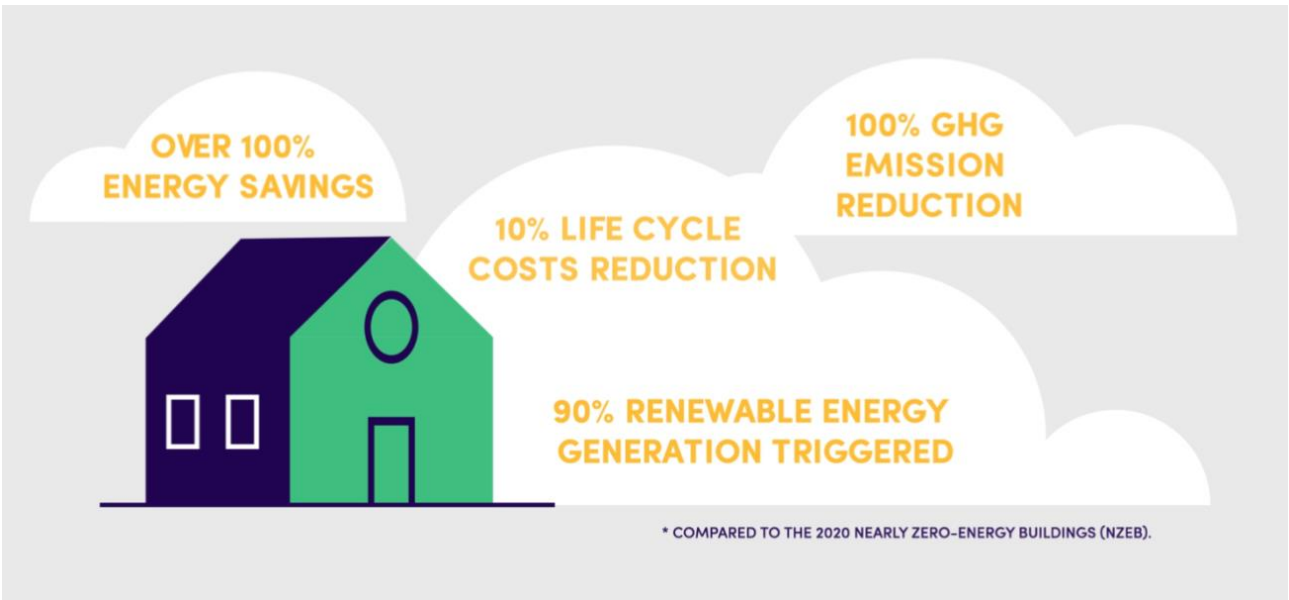


Figure 5 Infographic presenting the objectives of the project.

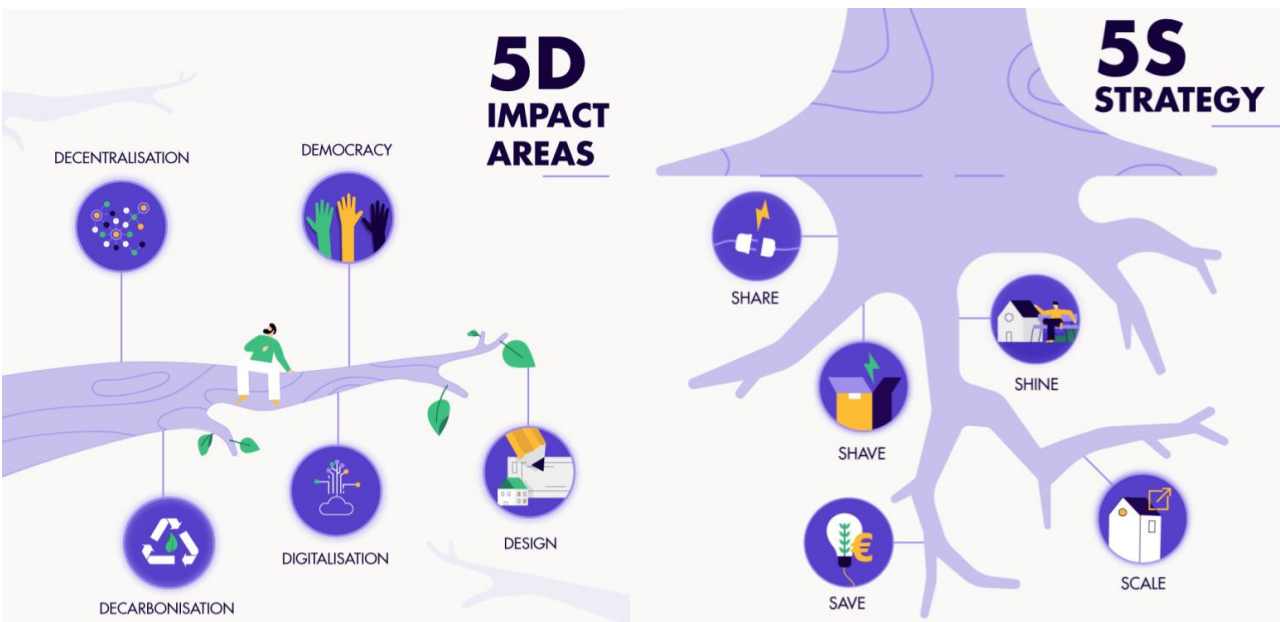


Figure 6 Infographics representing the 5D impact areas and 5S strategy of the project.

1.3. Second explainer video: deep dive into the pilots

This explainer video was developed by BPIE, in collaboration with all partners, and developed by a professional agency, Propulse, between July and December 2023. The aim of the video is to showcase each of the syn.ikia sustainable plus energy neighbourhoods in the Netherlands, Norway, Spain and Austria. Using animated graphics, it explains each of the buildings' main features and technologies in a simple way, accessible for a large audience.

The objective is to share the many benefits of such SPENs to both residents and municipalities: for residents, among others, improved quality of life (access to shared services and facilities, such as shared heat pumps, PV panels, EV charging, EVs, bicycles etc) and lower energy bills – for municipalities, boost local attractiveness. Then video is English, with subtitles; and based on partners' needs, the subtitles will also be made available in the pilots' languages.

Target audience:

- Primary target audience: urban authorities, housing communities, building managers.
- Secondary audience: General Public (Citizens, residents and tenants), sister projects and related projects.

The video will be available on the syn.ikia website and shared on social media and in the syn.ikia newsletter, so as to reach a large audience. The video can also be used during project events and conferences, as a 'hook' and to drive attention and awareness about the project.

Since 18/12/23, the video is available on the syn.ikia YouTube channel here: <https://www.youtube.com/watch?v=JfCQXYHJtQQ>

Full script:

Syn.ikia has developed 4 Sustainable Plus Energy Neighbourhoods in different climate regions in Europe. Combining passive and active systems, and involve residents and local actors in the planning, they also provide affordable housing and energy.

Located in Salzburg, the Austrian demo, developed by Heimat Osterreich, is a mix of new and renovated social housing dwellings, a kindergarten and other facilities. Through a collaborative planning process, the neighbourhood features high quality outdoor spaces, heat pumps for ground source and wastewater for heating and domestic hot water, as well as a photovoltaic power plant. Experts offer advice about energy use and home renovation and work together with residents to set up a self-sufficient energy community.

Representing the marine climate, the Dutch demo is located in Uden. A unique concept is bringing together AREA Wonen, the municipality, and a social care organization, ensuring access to affordable housing, a dynamic social environment, and a wide range of neighborhood services. Of the 39 apartments, 15 are managed by Labyrinth Zorg & Werk for tenants with special needs.

In the outskirts of Barcelona, the public housing provider INCASOL, has developed a multi-family building composed of 38 units. A centralized heat pump provides domestic hot water and heating. This centralized system will be optimized by an energy manager, who will also supervise the overall maintenance of the building. Surplus electricity generated by photovoltaic panels will be shared with a nearby health center.

A former industrial district, Verksbyen in Norway is now transforming into a highly efficient residential area. As part of syn.ikia, a sustainable and efficient energy system will be set up by ARCA NOVA, including mobility

and energy exchange solutions between buildings and future neighbourhoods in the area. Renewable energy will be produced, shared, distributed and stored at a neighbourhood level.

These examples demonstrate the potential of SPEN to ensure access to affordable housing while meeting climate goals. Visit Syn.ikia.eu to find out more.

Screenshots:



Figure 7 Intro scene representing a SPEN. Focus is made on public spaces, slow mobility and neighbourhood approach.



Figure 8 The Austrian demo, representing the continental climate.

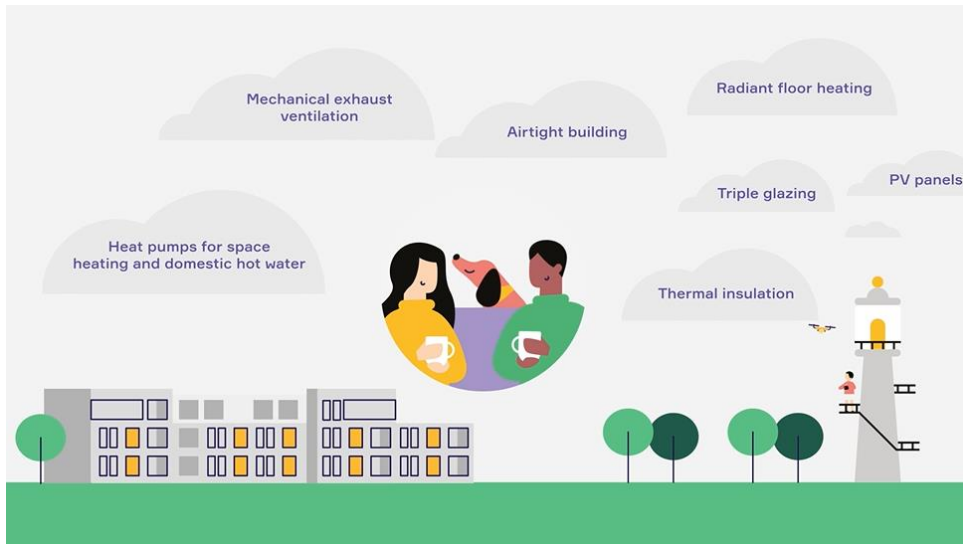


Figure 9 The different features of the Dutch demo.

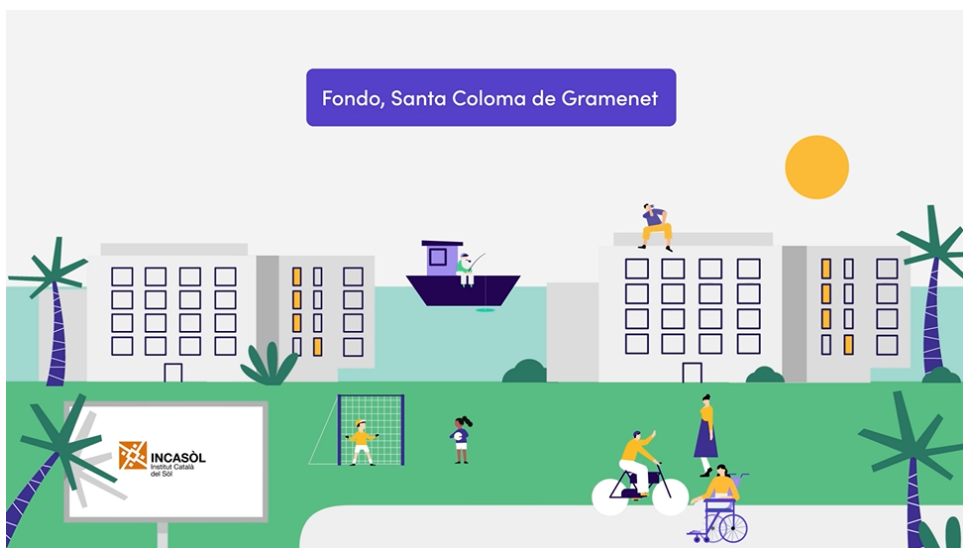


Figure 10 The Spanish demo, representing the Mediterranean climate.

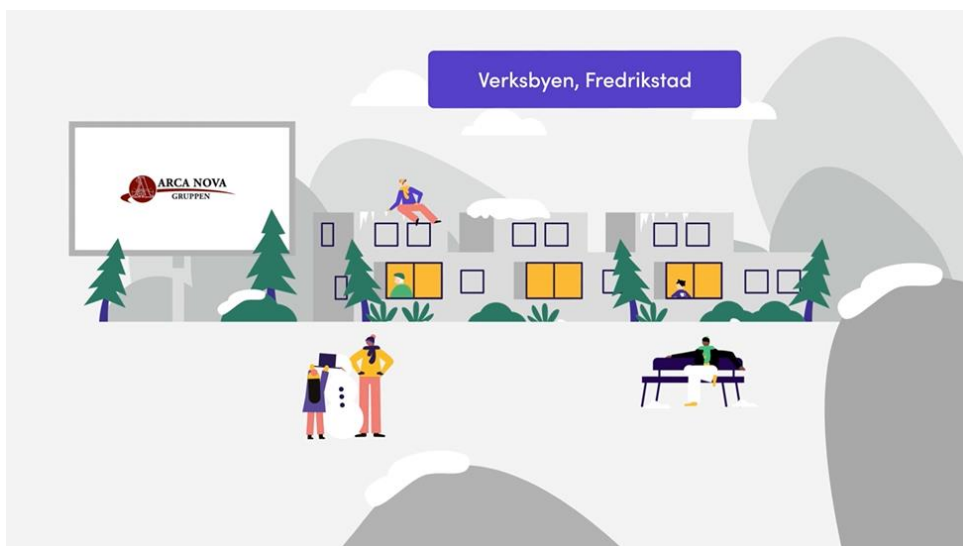


Figure 11 The Norwegian demo, representing the subarctic climate.

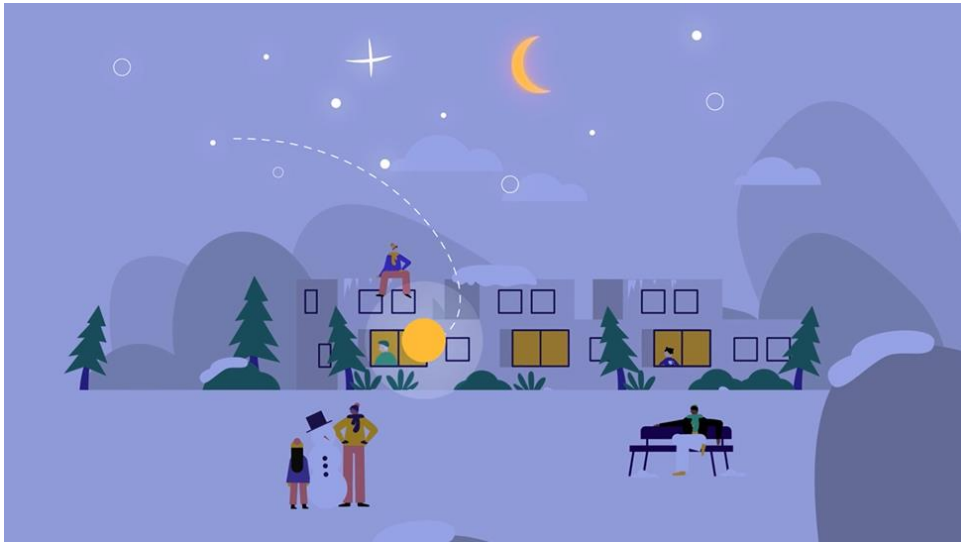


Figure 12 The Norwegian demo, representing the subarctic climate.



Figure 13 One of the final scenes, representing all the demos and their associated climate.

2. Report from project conferences

This section gives a comprehensive list of all events in which syn.ikia partners have either organized or attended as speaker, between 2020 and 2023. This list will be updated towards the end of the project, to include the events in 2024.

2.1 Events that took place in 2020

- **Sustainable Places 2020 – 10/2/2020**

Partner involved: ABUD

Role (organizer/speaker): Speaker

Location: online

Link to more information: <https://www.sustainableplaces.eu/home/sp20-workshops-events/local-energy-communities-paper-session/>

Objectives: Distributing the approach and lessons learned from the multidimensional evaluation framework (D3.1 deliverable).

- **Forum Wood Building Nordic - Digital Conference - 10/13/2020**

Partner involved: NTNU

Role (organizer/speaker): Speaker

Location: online

Digital Conference from Trondheim, Norway

Link to the more information: <https://www.synikia.eu/events/forum-wood-building-nordic/>

Objectives: The coordinating partner NTNU presented syn.ikia project in the session “SDG11: Paving the way to zero emission & positive energy neighbourhoods”.

- **CIES 2020 – XVII Congresso Ibérico e XII Congresso Ibero-americano de Energia Solar - 11/03/2020**

Partner involved: IREC

Role (organizer/speaker): Speaker

Location: online

Link to more information: n/a

Objective: The round table had the objective to discuss the needs of cities and neighbourhoods to promote Positive Energy Neighbourhoods in the context of the energy transition. Integrated strategies to create the conditions and opportunities between different stakeholders are essential, based in the following pillars: Strategic research, Innovative Solutions, Demonstrative Projects, Urban Innovation Laboratories and Local Training. Jaume Salom explained the syn.ikia concept and how the project can contribute to the aim, developing, analyzing, optimizing and monitoring plus-energy neighbourhood demo projects in four different climatic zones.

- **VII Nearly Zero Energy Building Congress - 10/05/2020**

Partner involved: INCASOL

Role (organizer/speaker): Speaker

Location: Madrid, Spain, and online.

Link to more information: <https://www.congreso-edificios-energia-casi-nula.es/>

Objectives: Participate in a roundtable about Sustainability and energy in urban scale.

- **Webinar "BIM to predictive twins" - 12/10/2020**

Partner involved: TNO

Role (organizer/speaker): Speaker

Location: Online

Link to more information: n/a

Objectives: Share knowledge on possibilities of predictive twins.

- **NZEB Training Course. Session 6: Beyond nearly Zero Energy Building - 12/10/2020**

Partner involved: IREC

Role (organizer/speaker): Speaker

Location: Brussels

Link to more information: n/a

Objectives: The NZEB training course has the objective of introducing the nZEB concept to the professionals of the sector in order to increase the confidence of the sector. The nZEB training course covers the legislative context and the European methodologies, different strategies, and energy efficiency measures to achieve NZEB levels, new and existing buildings, financial models to overcome the economical barrier, and what is beyond NZEB (PED, circular economy etc.).

- **EU-ASE Workshop on District Approach - 2/11/2020**

Partner involved: BPIE

Role (organizer/speaker): Speaker

Location: Brussels

Link to more information: n/a

Objectives: inform EU-ASE members on how to go beyond energy efficiency considerations on district level.

- **2030 Agenda and Urban Agenda for Catalonia: from Strategy into Practice – 11/18/2020**

Partner involved: INCASOL

Role (organizer/speaker): Speaker

Location: online

Link to more information: <https://tomorrow.city/a/2030-agenda-and-urban-agenda-for-catalonia-from-strategy-into-practice>

Objectives: "Plus Energy Buildings for Affordable Housing, explain the Syn.ikia project.

Explaining our participation in the Syn.ikia project through our case study and tell the evolution and how we are going to develop Plus energy buildings for affordable housing."

2.2 Events that took place in 2021

- **Breakfast Seminar in collaboration with Future Built at Design og Architecture Norge - 4/13/2021**

Partner involved: NTNU

Role (organiser/speaker): Organizer and speaker

Location: Oslo, Norway and online

Link to more information: n/a



The syn.ikia presenters at the breakfast meeting at DOGA 01.12.2021. Photo: NTNU

- Objectives: On December 1st, 2021, we held a breakfast seminar in collaboration with Future Built at Design NS and Architecture Norway (DOGA) in Oslo. Syn.ikia's project Coordinator Assoc. Prof. Niki Gaitani presented the SPEN concept, Prof. Inger Andresen presented the demonstration projects, and two partners presented their demonstration project, AREA from the Netherlands and Arca Nova from Norway. The event was streamed so that anyone could join online, but our main aim was to reach out to the building sector in the Oslo area. Future Built helped out with communicating the event and we got 81 registered participants.

- **AIVC Webinar – Big data, IAQ and ventilation – part 1, 4/13/2021**

Partner involved: TNO

Role (organizer/speaker): Speaker

Location: online

Link to more information: n/a

Objectives: Publicity for our predictive twin approach.

- **Presentation on Cold Climate HVAC and Energy 2021 conference - 4/21/2021**

Partner involved: IREC

Role (organizer/speaker): Speaker

Location: online

Link to more information: n/a

Objectives: Present the work, carried out during syn.ikia project WP3 (Technology Integration in Smart

Managed Plus Energy Buildings and Neighbourhoods) and WP2(Development and Demonstration of plus energy multi-storey apartment buildings in four climatic zones), about Primary Energy Balance driven Integrated Energy Design Process of Positive Energy Building.

- **1st Building Digital Twin International Congress - 5/27/2021**

Partner involved: TNO

Role (organizer/speaker): Speaker

Location: online

Link to more information: <https://buildingdigitaltwin.org/bdtic-2021/>

Objectives: Publicity for syn.ikia's predictive twin approach.

- **Reciclar La Ciudad_ Regeneración Urbana - 5/25/2021**

Partner involved: INCASOL

Role (organizer/speaker): Speaker

Location: online

Link to more information: n/a

Objectives: Dissemination of energy efficiency.

- **Itannex Event - Beter Gebouwbeheer Met BIM - 6/10/2021**

Partner involved: TNO

Role (organizer/speaker): Speaker

Location: online

Link to more information: <https://www.itannex.com/2021/06/15/succesvol-evenement-beter-gebouwbeheer-met-bim/>

Objectives: Inform building managers. Enhance awareness of balancing of energy efficient districts with digital twins for building service suppliers.

- **Sustainable and Circular Re-Use of Spaces and Buildings – 7/30/2021**

Partner involved: IREC

Role (organiser/speaker): Organiser

Location: online

Link to more information: n/a

Objectives: conference to share knowledge and experiences on circular reuse of spaces. Share experiences and inspire other partners.

- **Sustainable Places workshop: Positive energy buildings and neighbourhoods in Europe: from policies to implementation – 09/28/2021**

Partner involved: BPIE, Housing Europe

Role (organizer/speaker): Organizer and Speaker

Location: online

Link to more information: <https://www.sustainableplaces.eu/positive-energy-buildings-and-neighborhoods/>

Objectives: Raise awareness about Positive Energy Buildings and Neighbourhoods and disseminate D5.1.

- **ZEN – Zero Emission Neighbourhoods Research Centre - Lunch Lecture – 10/6/2021**

Partner involved: NTNU

Role (organizer/speaker): Organizer and Speaker

Location: online

Link to more information: <https://fmezen.no/events/>

Objectives: Inform the ZEN community about syn.ikia results

- **IV Jornadas de Vivienda Social de Sevilla: #Vivienda360 - 10/29/2021**

Partner involved: Housing Europe

Role (organizer/speaker): Speaker

Location: Sevilla, Spain

Link to more information: n/a

Objectives: Presented syn.ikia in the session: una visión disruptiva. Present examples of sustainable use of technologies in social housing in Europe.

- **Nordic Edge Expo and Workshop “Byggematerialer på miljøvennlig vis” – 11/11/2021**

Partner involved: NTNU

Role (organizer/speaker): Speaker

Location: online

Location: Trondheim, Norway

Link to more information: n/a

Objectives The presentation during Nordic Edge Expo was part of a workshop about exploring opportunities for a new application in the call “Building and renovating in an energy and resource efficient way”.

- **NTNU SINTEF European Strategy Summit - 11/24/2021**

Partner involved: NTNU, SINTEF

Role (organizer/speaker): Speaker

Location: Brussels, Belgium

Link to more information: <https://www.dn.no/staticprojects/annonsorinnhold/ntnu-sintef/ess2021/>

Objectives: Presented syn.ikia projects key findings in the session: The Green Shift

2.3 Events that took place in 2022

- **Sustainable use of land and related projects in energy management – 02/11/2022**

Partner involved: INCASOL

Role (organiser/speaker): Organiser and speaker

Location: online

Link to more information: n/a

Objectives: Dissemination of good practices

- **Open Lab Green Deal Project Cluster Event - 4/26/2022**

Partner involved: NTNU

Role (organiser/speaker): Invited speaker

Location: online

Link to more information: n/a

Objectives: To share knowledge and experiences on the development of sustainable plus energy neighbourhoods in different countries

- **2nd Building Digital Twin International Congress - 5/26/2022**

Partner involved: TNO

Role (organizer/speaker): Speaker

Location: Barcelona, Spain

Link to more information: <https://buildingdigitaltwin.org/bdtic-2022/>

Objectives: Present the digital twin development of TNO within syn.ikia

- **Contribution to Oslo Architecture Triennale's Neighbourhood Index - 6/9/2022**

Partner involved: NTNU

Role (organizer/speaker): Participation to digital exhibition and on an online platform

Location: online

Link to more information: <https://neighbourhoodindex.org/index/4c8798a9-7944-49cb-adf9-e9a486f54043/>

Objectives: Showcase syn.ikia as an inspiring neighbourhood project at the Oslo Architecture Triennale festival.

- **New European Bauhaus Festival: Living in a Plus Energy Neighbourhood: A master plan for more pleasing and sustainable urban neighbourhoods – 6/9/2022**

Partner involved: Housing Europe, BPIE

Role (organizer/speaker): Organizer and speaker

Location: Brussels

Link to more information: <https://www.synikia.eu/events/living-in-a-plus-energy-neighbourhood/>

Objectives: Interactive workshop to raise awareness on SPENs to a wide audience.

- **Buildings: from big consumers to power generators – 6/9/2022**

Partner involved: INCASOL

Role (organizer/speaker): Organizer

Location: online

Link to more information: n/a

Objectives: Disseminating Syn.ikia experience, discussing legal, technical, and social aspects of 0+ buildings, and participating on NEB as side event.

- **Workshop ‘Creating strong neighborhoods together’ - International Social Housing Festival - 6/16/2022**

Partner involved: INCASOL

Role (organiser/speaker): Organiser

Location: Helsinki, Finland

Link to more information: https://socialhousingfestival.eu/events/festival-program/?event_id=1196

Objectives: Creating strong and safe neighbourhoods goes beyond just providing homes. Good amenities, health care facilities, strong social structures, and a sense of ownership among citizens are equally important.

- **Positive Energy Districts conference Amsterdam - 6/23/2022**

Partner involved: ABUD

Role (organizer/speaker): Speaker

Location: Amsterdam, Netherlands

Link to more information: <https://www.aanmelder.nl/pedconference>

Objectives: Conference organized as part of the COST action to disseminate results and talk further progresses and steps towards PEDs with Dutch city representatives and local government representatives.

- **Ghent University Workshop on “Syn.ikia digital twins towards reliable and trustworthy control” – 06/28/2022**

Partner involved: TNO

Role (organizer/speaker): Speaker

Location: Online

Link to more information: n/a

Objectives: Disseminate syn.ikia digital twin work to students at Ghent University.

- **Buildsim Nordic Conference - 8/22/2022**

Partner involved: DTU

Role (organizer/speaker): Speaker

Location: Copenhagen, Denmark

Link to more information: n/a

Objectives: To inform and to announce the community about our progress.

- **IBPSA Nordic 2022 Conference at DTU in Denmark - 8/23/2022**

Partner involved: NTNU

Role (organizer/speaker): Speaker

Location: Copenhagen, Denmark

Link to more information: n/a

Objectives: Presented a scientific paper. Present the performance predictions of the Norwegian demo project for syn.ikia

- **EUSEW Sustainable Energy Week - Extended Programme: Positive Energy Neighbourhoods for Europe's Fair, Effective, and Resilient Energy - 9/20/2022**

Partner involved: NTNU

Role (organizer/speaker): Speaker

Location: Brussels, Belgium

Link to more information: https://european-sustainable-energy-week.b2match.io/agenda?session=c2Vzc2lvbioxMjMxNDQ%3D&track_id=21187

Objectives: To showcase syn.ikia sustainable plus energy neighbourhoods as an example to accelerate EUs energy transition and reach the climate goals.

- **Scientific Paper and Presentation on AIVC Conference 2022 in Rotterdam - 10/5/2022**

Partner involved: TNO

Role (organizer/speaker): Speaker

Location: Rotterdam, The Netherlands

Link to more information: <https://aivc2022conference.org/>

Objectives: Dissemination of the digital twin developments within syn.ikia.

- **Workshop on Zero Emission Neighbourhoods with Standards Norway - 10/12/2022**

Partners involved: NTNU, SINTEF

Role (organizer/speaker): Organizer and speaker

Location: Trondheim, Norway

Link to more information: n/a

Objectives: To discuss policy recommendations for sustainable plus energy neighbourhoods, and relevant standards <https://standard.no/en/>

- **Scientific paper and presentation on SBE22Delft Conference - 10/12/2022**

Partner involved: TNO

Role (organizer/speaker): Speaker

Location: Delft, The Netherlands

Link to more information: <https://iopscience.iop.org/article/10.1088/1755-1315/1085/1/012007/pdf>

Objectives: Disseminate the digital twin developments that we are working on in syn.ikia.

- **ZEN Research Centre Lunch lecture - 11/2/2022**

Partner involved: NTNU

Role (organizer/speaker): Speaker

Location: Trondheim, Norway / and Online

Link to more information: n/a

Objectives: Present the findings from syn.ikia article on design and performance predictions in syn.ikia's demo projects to the ZEN consortia

- **Renovation Summit 2022 - Fast tracking innovation to mitigate the energy crisis**

Partner involved: Housing Europe

Role (organizer/speaker): Speaker and organizer

Location: Brussels

Link to more information: <https://www.synikia.eu/events/renovation-summit-2022-fast-tracking-innovation-to-mitigate-the-energy-crisis/>

Objectives: Presenting

- **Curs d'edificis d'energia positiva (PEB). Més enllà de l'nZEB. 2022 - 11/23/2022**

Partner involved: IREC

Role (organiser/speaker): Speaker

Location: Online

Link to more information: <https://www.irec.cat/event/curs-dedificis-denergia-positiva-peb-mes-enlla-de-lnzeb-2022/>

Objectives: Dissemination. The buildings of the future NZEB and SPEN.

- **EU Strategy Summit - 12/10/2022**

Partner involved: NTNU

Role (organizer/speaker): Organizer and speaker

Location: Brussels, Belgium

Link to more information: n/a

Objectives: To showcase syn.ikia as an example of cooperation across borders and sectors in the building sector to accelerate EUs energy transition and reach the climate goals.

We co-organized the session “Energy savings and efficiency in the built society” during the EU Strategy Summit 2022 in Brussels. The summit was organized by NTNU and SINTEF, and gathered top-level leaders from Norwegian business and industry, organizations, public sector and funding agencies to discuss how Norway can contribute to RePowerEU. Syn.ikia was presented as an example of how we can work together across sectors and borders to solve energy challenges in the building sector and reach the climate goals.

- **Internationalization Conference NTNU - 12/6/2022**

Partner involved: NTNU

Role (organizer/speaker): Organizer and speaker

Location: Trondheim, Norway



Link to more information: n/a

Objectives: To present how are the innovation actions important for societal value creation and in solving the challenges we are facing. Presenting key findings from syn.ikia. Low, zero energy or zero-emission buildings are considered important tools for the transition to a climate-neutral society. But so are sustainable plus Energy Buildings and neighbourhoods SPENs and they represent an even more ambitious concept.

2.4 Events that took place in 2023

- **High Level Expert Workshop- Transforming the Built Environment - Implementing Change and Transformation in the Built and Urban Environment to meet the UNSDGs - 1/17/2023**

Partner involved: NTNU

Role (organizer/speaker): Invited speaker

Location: Gothenburg, Sweden

Link to more information: n/a

Objectives: A high level expert workshop arranged by Chalmers University and UN Habitat. Presentation of best practices for SPENs.

- **Workshop on Business Models - Bringing together four H2020 projects syn.ikia, ARV, oPENlab and Beyond - 3/13/2023**

Partner involved: NTNU

Role (organizer/speaker): Organizer and speaker

Location: Brussels, Belgium

Link to more information: <https://www.synikia.eu/events/workshop-emerging-business-models-in-energy-neighborhoods-and-smart-energy-communities/>

Objectives: Emerging Business Models in Sustainable Plus Energy Neighbourhoods.

- **How to plan our cities to best tackle future sustainability challenges?**

Partner involved: NTNU, SINTEF

Role (organizer/speaker): Organizer and speaker

Location: Lerchendam Gård

Link to more information: <https://www.ntnu.edu/web/energytransition/zero-emission-cities-and-neighbourhood>

Objectives: The workshop brought experts together to try and find a common roadmap that NTNU, industry and others can do as we prepare for a more holistic and human-focused sustainable future.

- **ECA Cities and Climate Change Program - 5/9/2023**

Partner involved: SIR

Role (organizer/speaker): Speaker

Location: Vienna, Austria

Link to more information: n/a

Objectives: Presentation of best practices from Salzburg in the field of spatial energy planning

- **Workshop: User engagement practices in energy efficient social housing – 6/8/2023**



Partner involved: NTNU and Housing Europe

Role (organiser/speaker): Organiser and speaker

Location: Barcelona, Spain

Link to more information:

<https://www.synikia.eu/events/workshop-resident-engagement-practices-in-energy-efficient-social-housing/>

Objectives: To exchange knowledge on user engagement practices in energy efficient social housing.

- **Workshop on Sustainable Cities and Neighbourhoods in Singapore– 9/25/2023**

Partner involved: NTNU

Role (organizer/speaker): speaker

Location: Singapore, Singapore

Objective: With the support of Innovation Norway, NTNU chaired a Workshop on Sustainable Cities and Neighbourhoods, part of the Singapore-Norway Science Week 2023. The objective was to share experiences for smart city concepts in Norway and Singapore, including smart and sustainable urban development

- **Webinar on SPENs and policy recommendations – 9/26/2023**

Partner involved: BPIE

Role (organiser/speaker): Organiser

Location: Online

Link to more information: <https://www.bpie.eu/event/advancing-sustainable-plus-energy-neighbourhoods-in-europe-drivers-barriers-policy-recommendations/>

Objectives: Presentation of latest findings related to syn.ikia policy recommendations and Q&A with the audience.

- **Curs d'edificis d'energia positiva 2023 - 10/3/2023**

Partner involved: INCASOL

Role (organizer/speaker): Speaker

Location: Barcelona, Spain

Link to more information: https://icaen.gencat.cat/ca/detalls/activitatagenda/20231003_Curs-PEB-Sessio-1

Objectives: Training on technical directives.

- **EU Week of Regions and Cities. Workshop How to engage local communities to drive urban regeneration and social innovation – 10/10/2023**

Partner involved: NTNU, Housing Europe

Role (organizer/speaker): Organizer and speaker

Location: Brussels, Belgium



Link to more information:

<https://www.synikia.eu/events/workshop-how-to-engage-local-communities-to-drive-urban-regeneration-and-social-innovation/>

Objectives: The workshop featured contributions from the [Green Deal ARV syn ikiaEU oPEN Lab](#) and [FinEst Centre for Smart Cities](#). The workshop focused on local communities as drivers for urban regeneration and social innovation. How can local communities and neighbourhoods engage citizens in sustainable urban transitions through social innovation and affordable housing?

sustainable urban transitions through social innovation and affordable housing?

- **EU Week of Regions and Cities. Workshop What is Beyond Energy Efficiency – 10/11/2023**

Partner involved: NTNU

Role (organizer/speaker): Organizer and speaker

Location: Brussels, Belgium and online

Link to more information: <https://www.synikia.eu/events/workshop-what-is-beyond-energy-efficiency/>



Objectives: The sister projects syn.ikia, Cultural-E, and EXCESS organized the workshop 'What is beyond energy efficiency? The overlooked values of Sustainable Plus Energy Buildings and Neighbourhoods in the framework of the EU Week of Regions and Cities. This event aimed at raising awareness on the multiple benefits of sustainable Plus Energy buildings (PEBs) and neighbourhoods (SPENs). Through this workshop session we discussed how to ensure wide application of methodologies for the quantification and monetisation of multiple benefits for plus energy buildings and neighbourhoods.

and monetisation of multiple benefits for plus energy buildings and neighbourhoods.

- **Hybrid Conference: Circularity in the Built Environment – 11/7/2023**

Partner involved: NTNU

Role (organizer/speaker): Organizer and speaker

Location: Trondheim, Norway and online

Link to more information: <https://www.synikia.eu/events/under-construction-circularity-in-the-built-environment/>



Objectives: Event on Circular Economy and Resource Efficiency. Circularity has only recently begun to gain momentum in the construction sector but is vital to sustainable development. To exchange knowledge on Integrated circular design of new and retrofitting of existing buildings. To present key findings for climate positive and circular communities (best practices inspired by syn.ikia and ARV project)



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 869918.





