

# SUSTAINABLE PLACES 2020

October 27-30, 2020

Digital Event

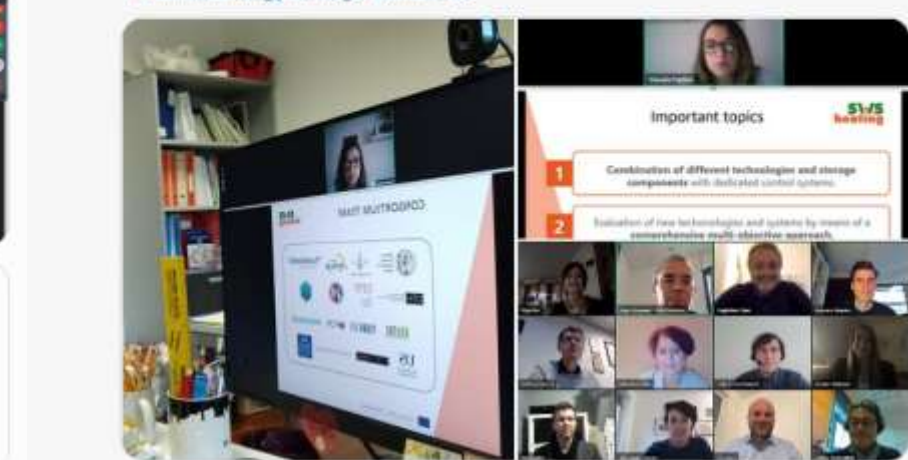
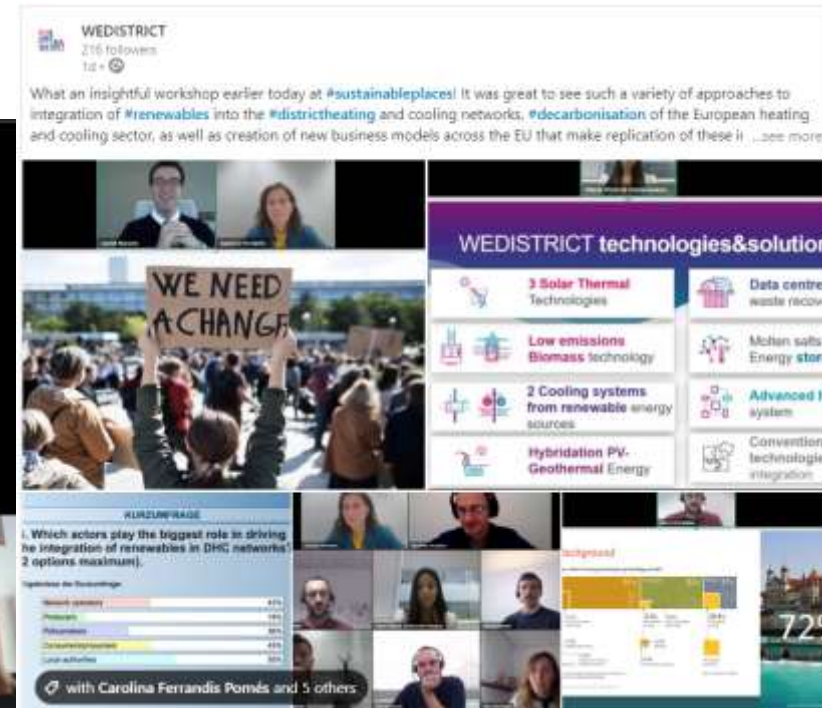
[www.sustainableplaces.eu](http://www.sustainableplaces.eu)

**Closing Keynotes &  
Workshop Rollups**





# I think we broke the internet!



It would have been easier  
to skip this year....

...but we're glad we're all  
here

600!!

~~400~~ attendees

100 projects

32 sessions & workshops

4 Sponsorships

Green Deal  
New EU Bauhaus

**SUSTAINABLE PLACES**

EUROPE'S #1 DESTINATION FOR  
DISSEMINATION OF RESEARCH,  
COLLABORATION, NETWORKING  
AND THE CREATION OF MARKET  
OPPORTUNITIES COMES TO YOU  
LOCALLY!

More information on our website  
[sustainableplaces.eu](https://sustainableplaces.eu)

Follow us on twitter [@sustainplaces](https://twitter.com/sustainplaces)

Thank you for coming to  
SP2020 digital. This year  
by going virtual we are  
saving ±300 tons of CO2!

Design: mohaddeseh.maktabifard@r2msolution.com

**Partners:** R2M SOLUTION, list, liten, UNIVERSITÉ SAVOIE MONT BLANC, POLYTECH ANNECY-CHAMBERY, GRADUATE SCHOOL SOLAR ACADEMY, La Région Auvergne-Rhône-Alpes, SDIA, ENGIE Lab, IREC, SOLAR WIN, BUILD UP



#SustainablePlaces

Follow each other!





**SUSTAINABLE  
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# Workshop Rollups



## Thematic Session Sustainable Digital Infrastructure



Decoupling the Digital  
Economy from Resource  
Consumption



Quantifying Sustainability



Roadmap 2030: Net-Neutral  
Digital infrastructure



Horizon 2020  
European Union funding  
for Research & Innovation

October 27-30, 2020  
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Chaired by

**SDIA**





# Session Round-up

- 01 Session 1 - Finance**  
Young-jin Choi, Pierre Alexandre Hughes-Daly  
<http://sdia.io/spfinance>
- 02 Session 2 - Technology Progressors**  
Anna Lyubina, Trevor Hinkle, Chris Adams,  
Gunnar Schomaker  
<http://sdia.io/sptech>
- 03 Session 3 - Heat Recovery**  
Karl Rabe, Dr. Jens Struckmeier, Dr.-Ing. Birger Ober  
<http://sdia.io/spheat>

- 04 Session 4 - SDIA Initiatives**  
Mohan Gandhi, John Laban, Max Schulze,  
Lasse Schneppenheim  
<http://sdia.io/spsdia>
- 05 Session 5 - Hardware Design**  
Deborah Andrews & Beth Whitehead, Ali Fenn,  
Sophia Flucker  
<http://sdia.io/sphardware>

At SP2020 we launched  
our Roadmap

Check it out at:

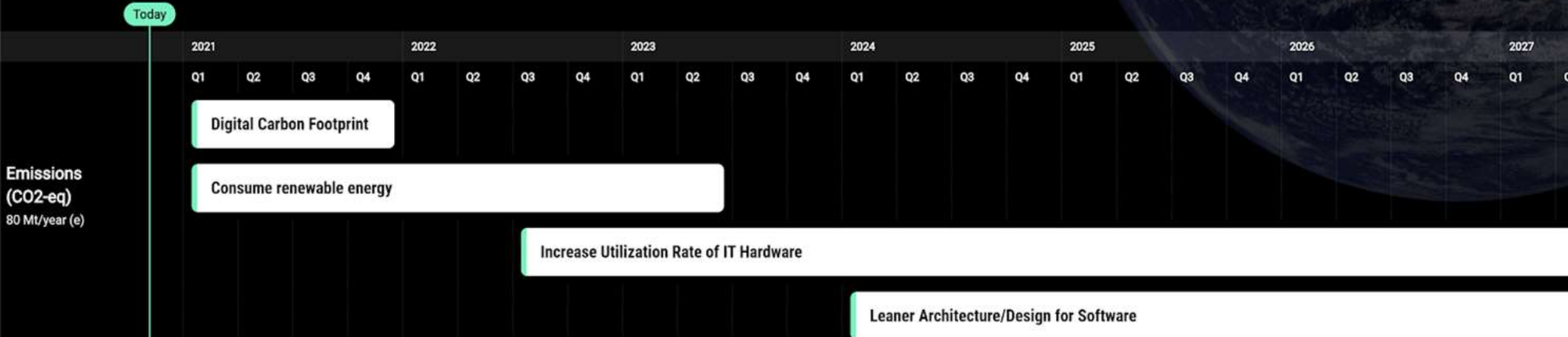
<https://sdialliance.org/roadmap>

Thank you to all who  
helped launch the  
Roadmap

## The Roadmap to Sustainable Digital Infrastructure by 2030

To reach our Sustainability Goals by 2030 we need to systematically embed sustainability across the sector. This roadmap enables every industrial actor to connect, benchmark and deliver sustainability within their segment of Digital Infrastructure value chain. Through the universal reporting regimen, and the industry led action plan, the roadmap is simultaneously the reporting vehicle, and the collaboration vehicle that will ensure we hit sustainable digital infrastructure by 2030.

[Join the Roadmap](#)





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## Workshop on Integrated Home Renovation Services



**TURNKEY  
RETROFIT**

**RenoBooster**  
The Smart Renovation  
Hub Vienna

**Padova fit**  
Expanded

**ReMODULEES**





# Integrated Home Renovation Service workshop

- Acceleration of the renovation rate (currently around 1%) is needed in order to meet the EU climate and energy goals
- Renovation process is complex (lack of information on existing solutions, lack of services to coordinate all required market actors..)
- To bring together several projects which aim to create or replicate innovative “Integrated Home Renovation services” throughout Europe to simplify the renovation process
- These services aim to **cover the whole “customer journey”** from technical and social diagnosis, technical offer, contracting of works, structuring and provision of finance, to the monitoring of works and quality assurance.



**I-HEROS**

# 6 H2020 projects presented:

- **Turnkey Retrofit**, TURNKEY solution for home RETROFITting
- **PadovaFIT**: Expanding PadovaFIT! Home Solutions
- **HAPPEN**: Holistic Approach and Platform for the deep renovation of the med residential built Environment
- **Save The Homes**: One-Stop Shops as Citizens' Hubs to support the decision-making process for integrated renovations
- **Re-MODULEES**: the Retrofitting Market Activation Platform based on the generation of standard modules for energy efficiency and clean energy solutions
- **I-HEROS**: Integrated Home Energy RenOvation Service





27/10/2020

# Integrated home renovation services

- WORKSHOP -

SUSTAINABLE PLACES  
CONFERENCE

Most EXISTING BUILDINGS...  
...are energy INEFFICIENT!  
WE NEED A RENOVATION WAVE!

**TURNKEY RETROFIT**  
A PLATFORM FOR OWNERS  
INTEGRATES EXISTING SERVICES & PLATFORMS  
EASY DIAGNOSIS TOOL

**HAPPEN**  
A MEDZEB APPROACH FOR MED COUNTRIES  
PACKAGES OF OPTIMAL SOLUTIONS  
INNOVATIVE FINANCIAL SOLUTION  
TOOLS:  
- MedZEB Protocol  
- HAPPEN PLATFORM

**PADOVA FIT EXPANDED**  
CENTRALISE DIFFERENT SERVICES  
INVOLVE STAKEHOLDERS  
ENGAGE CITIZENS  
ONE STOP SHOP  
ITALY: SUPERBONUS 110% INITIATIVE!

**SAVE THE HOMES**  
CREATE DEMAND FOR RENOVATION  
2 PILOTS:  
- ROTTERDAM  
- VALENCIA  
CITIZEN HUBS  
MUNICIPALITIES' ENDORSEMENT  
ONE-STOP SHOPS MODEL  
MARKET ACTIVATION  
BUILD UPON RESULTS... & FOSTER THEIR MARKET UPTAKE!  
MODULARITY  
MULTI-LEVEL  
MULTI-TARGET  
PILOT MARKETS

**I-HEROS**  
FOCUS ON TOULOUSE METROPOLE  
INVENTORY OF RENOVATION SOLUTIONS  
ONE-STOP SHOP  
IMPLEMENT & MONITOR RENOVATION

1  
KEY SUCCESS FACTORS FOR ONE-STOP SHOPS:

A COMMUNITY OF SUPPORTING PARTNERS

POLLS

3  
KEY SELLING POINTS FOR ONE-STOP SHOPS:



FINANCING SOLUTIONS!

2  
DIGITAL VS PHYSICAL OFFICE:

A PHYSICAL OFFICE IS IMPORTANT...

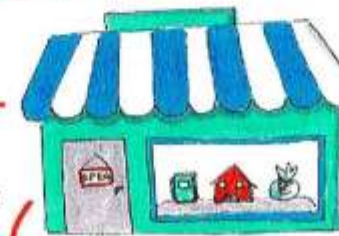
WHY NOT ITINERANT?



... BUT DIGITAL ACCESS IS KEY ESPECIALLY DURING COVID

## WRAP-UP

ONE-STOP SHOPS: A COMMON MODEL!



KEY TOOL FOR SUSTAINABLE RENOVATION

EU COMMISSION WILL SUPPORT THIS MODEL

RELEVANT WITH THE RENOVATION WAVE STRATEGY

ALLOW A COMMON REPOSITORY



# Thank you!



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Rachel Desmaris, R2M: [Rachel.Desmaris@r2msolution.com](mailto:Rachel.Desmaris@r2msolution.com)



**I-HEROS**





# SUSTAINABLE PLACES 2020



## Sustainable Housing supporting Health and Well-being

October 30<sup>th</sup>, 2020

Chaired by



Horizon 2020  
European Union funding  
for Research & Innovation



Keeping the ageing population independent for longer at their own home, combining house adaptation and local ecosystem for ageing population.

Improving their quality of life and quality of their surrounding environment (services, public space...).

Promote actions in order to develop **social links**.

**TeNDER** will develop an **integrated care model** to manage **multi-morbidity in patients** with **Alzheimer's disease** (and other forms of dementia), **Parkinson's disease**, and **cardiovascular disease**.



The **SmartWork** project builds a **Worker-Centric AI System** for work ability sustainability. SmartWork aims to **design and create age-friendly living and working spaces**. For **workers aged 55-65** to maintain an **active professional life and independent living**, despite the ageing process and the potential functional limitations, health conditions and/or care needs that this process frequently entails.





The objective of **PHArA-ON** is to provide **support** for Europe's ageing population by **integrating digital services, devices, and tools into open platforms** that can be readily deployed while **maintaining the dignity of older adults and enhancing their independence, safety, and capabilities**

**Homes4Life** , certified smart and integrated living environments for ageing well

- a home that fosters people's autonomy, as well as helping us to stay active and healthy as we age.
- respects people's lifestyle choices, needs, and preferences regardless of age throughout life.
- and allows access to all areas of community life, thus promoting inclusion and commitment.



If people should **age at their own homes**, how to align technological development with the building industry for smart environments in terms of **POLICY** and **FUNDING**, enhancing a more efficient health care system that may add better quality for less investment?



**Hands-on SHAPE** is a project that aims to deliver informal learning experiences and hands-on tools to implement **SMART** and **HEALTHY BUILT** environments or to develop **BUSINESS** in this area.

The main approach of **NET4AGE-FRIENDLY** is the establishment of local or regional ecosystems in each **COST** country involved, to work on health and well-being in an age-friendly digital world.



**Sustainable living environments** are relevant for all citizens and have a tremendous **influence on our health and wellbeing**, our **social interactions** and our capacity to participate in **community life**.





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## Sustainable Mobility: e-Mobility Workshop

Chaired by

**MeISTER**



**USER-CHI**  
CHARGING YOUR E-MOBILITY FUTURE



UNIVERSITY  
of the  
PELOPONNESE



# MEISTER

**M**obility **E**nvironmentally-friendly, **I**ntegrated and economically **S**ustainable **T**hrough innovative **E**lectromobility **R**echarging infrastructure and new business models

**USER-CHi**  
CHARGING YOUR E-MOBILITY FUTURE



## E-Mobility Workshop summary



# Key info

- Discussion on digital tools, services, and approaches to boost smart electric mobility (e-mobility) that covers EU demands with scalable solutions.
- Panelists: MEISTER, GreenCharge, UserChi, eCharge4Drivers and University of Peloponnese.
- Speakers presented:
  - How three major barriers for the deployment of electric vehicles in the EU – the high cost of vehicles, the low level of consumer acceptance, and the lack of recharging stations – can be pull down.
  - Designing, validating and promoting new approaches and solutions to make it more attractive for operators to install charging Electric Vehicle Supply Equipments and for potential customers to use this infrastructure.



# Conclusions

- Interoperability for charging is an issue that concerns EV drivers all around EU
- Charging experience of the user should be improved
- Charging policies based on price incentives and constraints can be used to reshape power load profiles

# THANK YOU!



Mobility **E**nvironmentally-friendly, **I**ntegrated and economically **S**ustainable **T**hrough innovative **E**lectromobility **R**echarging infrastructure and new business models



## Patricia Bellver

Project Manager, ETRA I+D



This project has received funding from the European Union's Horizon 2020 research and innovation programme under the grant agreement No 769052.

For more information visit: <https://meisterproject.eu/>



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**Sustainable digital tools for all energy actors**



HOLISDER



**FLEXCoop**





# INTEGRATED ENERGY SOLUTIONS AND NEW MARKET MECHANISMS FOR AN EXTENDED FLEXIBILITY OF THE EUROPEAN GRID





Integrated energy solutions  
and new market mechanisms for an  
eXtended **FLEX**ibility  
of the European grid

Sustainable Digital Tools for  
All-Energy Actors

Conclusions of the  
workshop

Lola Alacreu  
ETRA I+D



- Digitalisation is helping to improve the **safety, productivity, accessibility and sustainability** of **energy systems** around Europe.
- 5 H2020 projects (X-FLEX, FLEXCoop, Holisder, Synergy, and Flexgrid) have presented a set of **complementary digital tools** to provide ICT services and functionalities to all the energy actors, to create a **more connected, intelligent, efficient, and sustainable European energy ecosystem**.







- 5 projects with different but complementary approaches, have shown the best way **to enable all the energy actors to control and manage their part of the grid** and actively participate in the energy market.
- The end-users of these tools are citizens, cooperatives, DSO, TSO, Market Operator, etc. with the aim to create a **all-win situation, building a greener and more liveable Europe.**



# Thank you!



For more information visit:

<http://xflexproject.eu/>



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## **Flexibility 2.0 workshop:** Demand Response in Buildings



**NOVICE**





# Motivation

- To show the **broad range** of multi-agent demand side responsiveness
- To identify key characteristics of typical 'energy prosumer' **forecasting**
- To understand how **grid simulations** are used to widen project results
- To become familiar with typical **stakeholders** within DR value chains
- To compare **use cases** and business models used for dynamic pricing
- To demonstrate building **load optimisation** with algorithmic control
- To assess **market rules** and current status of European countries
- To understand how single buildings lead to **smart energy districts**
- To see a **variety of flexible technologies** integrated into LV grids
- To learn the path towards **interoperability** in future energy markets
- To explore the balance between **implicit vs. explicit** DR requests

# Key points

- ebalanceplus – follows the “eBalance” project to support DSO-TSO interaction through providing flexibility using “negotiation management units”
- eDREAM & DELTA – leverage blockchain to provide smart contracts that relieve aggregators and consumers from resource-intensive tasks through virtual nodes, providing access to small and medium customers
- TABEDE – is commercializing a hardware-based “building management system-extender” solution that connects 90% of devices regardless of protocol (TRL-7)
- DRivE - uses digital twins to simulate the unlocking of flexibility potential
- HOLISDER - Energy system impact assessment for active voltage control demonstrated using a “co-simulation” framework
- NOVICE & AmBIENCE – use an EScO/EPC approach to focus on non-residential buildings becoming active in reducing energy losses & costs of self-consumption

# Calls to action

Project websites	Timeline	Socials	Key publications / upcoming events / highlights
<a href="#">eBalance+</a>	2020 - 2023	<a href="#">Twitter</a> <a href="#">LinkedIn</a>	<a href="#">Energy management in smart grids video</a> <a href="#">D5.1 Networking layer specification</a>
<a href="#">eDREAM</a>	2018 - 2021	<a href="#">Twitter</a> <a href="#">LinkedIn</a>	<a href="#">Blockchain whitepaper</a> <a href="#">Webinar recording: “New DR technologies and services”</a>
<a href="#">TABEDE</a>	2017 - 2021	<a href="#">Twitter</a> <a href="#">LinkedIn</a>	<a href="#">Join the TABEDE stakeholder community</a> <a href="#">Webinar 20 Nov: Real case applications of the BMS-Extender system for DR</a>
<a href="#">DRiVE</a>	2017 - 2020	<a href="#">Twitter</a> <a href="#">LinkedIn</a>	<a href="#">OA repository</a> <a href="#">Media</a>
<a href="#">HOLISDER</a>	2017 - 2021	<a href="#">Twitter</a> <a href="#">LinkedIn</a>	<a href="#">Public deliverables</a> <a href="#">Newsreel</a>
<a href="#">NOVICE</a>	2017 - 2020	<a href="#">Twitter</a> <a href="#">LinkedIn</a>	<a href="#">Webinar recording: Accelerating the transition to a low carbon future</a> <a href="#">Final publishable report</a>
<a href="#">AmBIENCE</a>	2019 - 2021	<a href="#">Twitter</a> <a href="#">LinkedIn</a>	<a href="#">Join the AmBIENCE stakeholder community</a> <a href="#">Webinar 25 Nov: Innovative Business Models for EeB in the EU and Korea</a>
<a href="#">DELTA</a>	2018 - 2021	<a href="#">Twitter</a> <a href="#">LinkedIn</a>	<a href="#">Webinar 19 Nov: DR in the EU- Market Perspectives &amp; Business Opportunities</a> <a href="#">Publication repository</a> & <a href="#">YouTube channel</a>



October 28-30, 2020  
Aix-les-Bains, France



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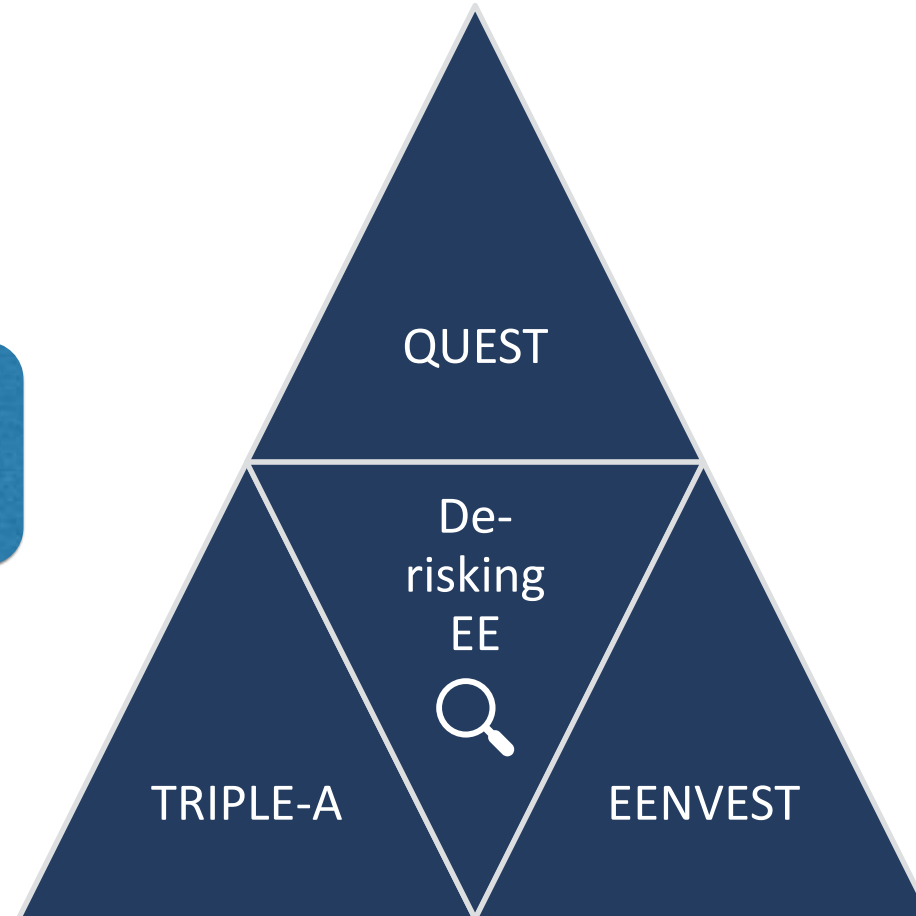
## Workshop De-risking Energy Efficiency Investments







First contact among  
„sister“ projects,  
financed under  
„Mainstreaming EE  
financing“



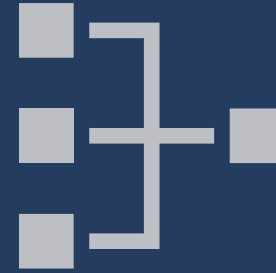
Established common  
ground for further  
collaboration during  
projects development



There is only one  
shot for  
renovation – we  
must hit to target



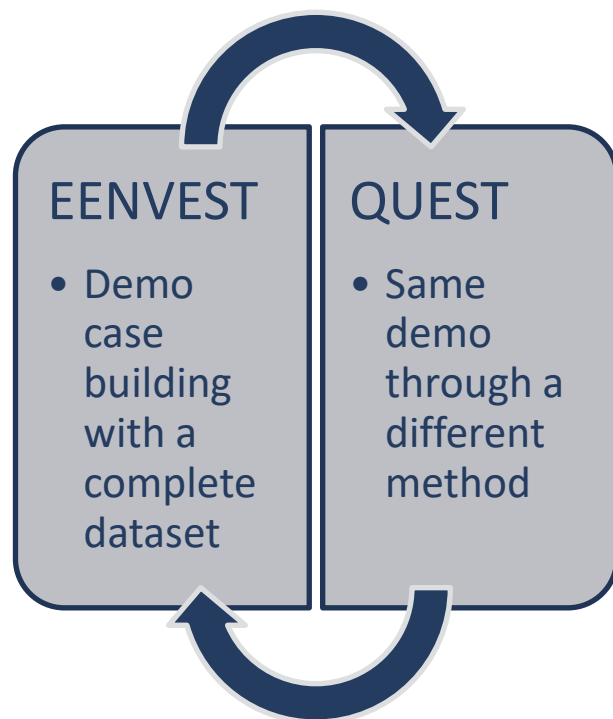
Strengthen the  
community of  
stakeholders for  
the renovation  
wave



Methodologies  
test, validation  
and systemic  
thinking



## A tangible example



Optimizing data collection effort

Initiating an incremental feedback loop

Ensuring smooth interaction and data flow



3  
5



# Thank you

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**GRANT AGREEMENT**  
**833112 — EENVEST**





**BIM4EEB**

BIM based fast toolkit for  
Efficient rEnovation in Buildings

[www.bim4eeb-project.eu](http://www.bim4eeb-project.eu)

# WORKSHOP

## The BIM4EEB Project:

a mid-term presentation of the BIM based  
tools for efficient renovation of buildings



# BIM4EEB

BIM based fast toolkit for  
Efficient rEnovation in Buildi

- BIM4EEB?
- An EU-funded project supporting the renovation industry in retrofitting existing residential buildings with a complete **BIM-based toolkit to make the flow of information efficient and decrease intervention working time, while improving building performances, quality and comfort for inhabitants.**
- These tools will allow to **rapidly reconstruct 3D digital models of existing buildings** and to seamlessly integrate **semantic data** in order to perform advanced evaluations of design options for renovations.



## BIM4OCCUPANTS

for building occupants

Occupants tool is a user friendly web application that provides residents with information related to building renovation activities and indoor home conditions, comfort preferences and energy consumption.

Building occupants are supported to get insights about energy performance and environmental conditions. They can get insights about the renovation tasks and activities running in premises and notified about security and safety conditions in premises.

The application has got two main features: the Occupants 2.0 and the Building 2.0

### Buildings 2.0

Building occupants, Inhabitants and Owners became part of the BIM4EEB project ecosystem and get insights about building performance in an intuitive way.

### Augmented Reality Tool:

- for finding electrical cables
- to find studs and humidity inside the walls
- for finding magnetic materials
- to detect differences in temperature

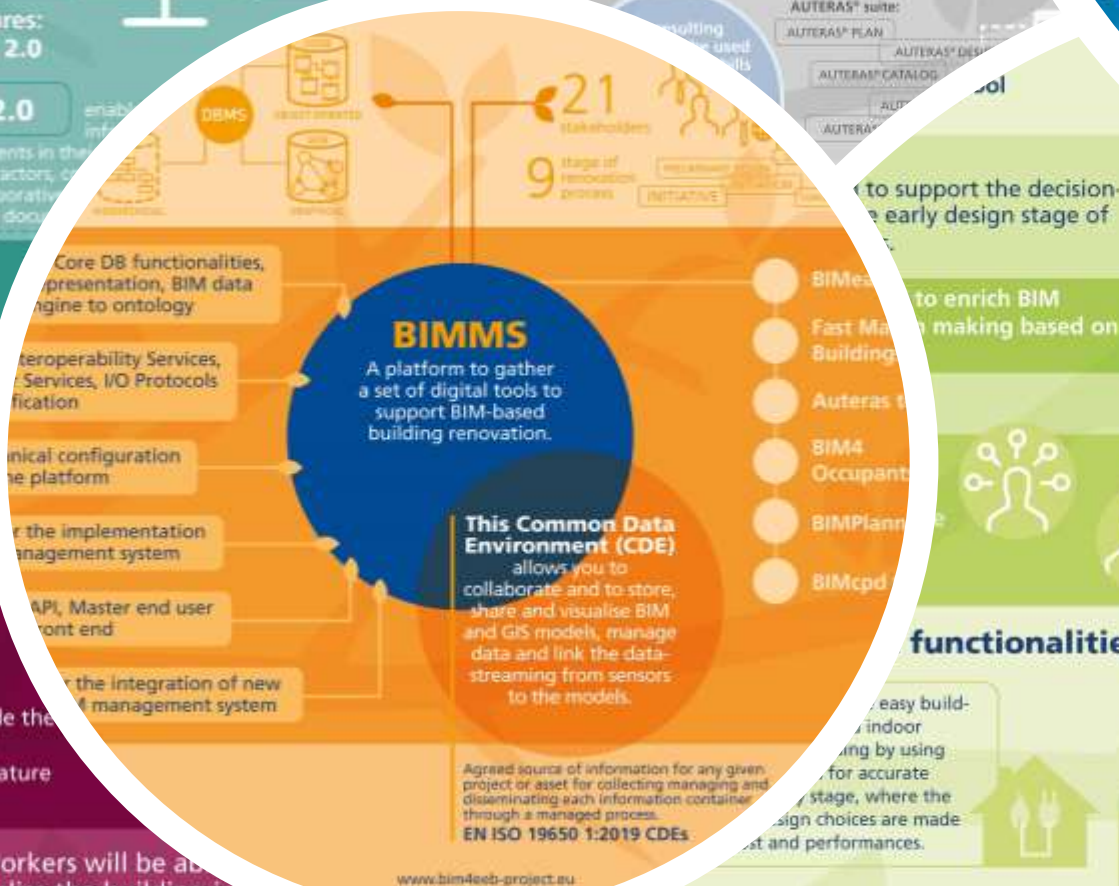
Architects, engineers, construction workers will be able to use the 3D digital representation to visualise the building including hidden elements inside walls such as wall studs, water pipes, and electrical ducts.



Point clouds generated by



The IFC file can be automatically selected on the hololens device.



## AUTERAS

Automated design of interoperable room automation systems

Auteras suite: AUTERAS PLAN, AUTERAS DESIGN, AUTERAS CATALOG, AUTERAS TOOL. These activities can now be transferred to the cloud which can solve them independently and with quality within seconds, in the form of the new room automation design tool AUTERAS, the design approach will shortly be available to all interested planners, system integrators and device manufacturers.

## BIMcpd

WILL ALLOW USERS TO

FIND recommended positions for HVAC Heating, Ventilation and Air Conditioning, lighting and other devices.

### CONSTRAINT CHECKING TOOL

A combined toolkit for constraint checking, performance evaluation and data management in building renovation projects; it is a user-friendly self-intuitive software suite that provides users with the necessary tools to carry out tasks in these areas.

ANALYSE data from sensors, energy bills and other sources (weather for example).

### PERFORMANCE ANALYSIS TOOL

- Data viewer for viewing data uploaded in the data management module and apply outlier detection methods to the data
- Measurement and Verification Measure and verification data methods for creating a baseline model of the building prior to the implementation of Energy Conservation Measures (ECMs) or building renovation

MANAGE the data that they have and create new data sets that they can share with other tools.

### DATA MANAGEMENT TOOL

TOOLSET CONSISTS OF A RESPONSIVE WEB-BASED SOFTWARE

PHP, jQuery, Python, MySQL, JSON

Energy Auditor, Administrator, MAV Practitioner, Web project

Fill the traditional sophisticated energy simulation needs.

design

### functionalities?

The BIMeas tool enables design teams to apply the renovation scenarios to the "As-is" building. It enhances the design team's collaborative work in the early design stage by providing an easy assessment of the multi-design domain alternatives.

BIMeas tool presents the impact of each renovation scenario in terms of Owner Project Requirements (OPR). The design teams work collaboratively to validate the design selections against the OPR in each design stage. This is an important part of the performance-based building design process.

Thermal Efficiency, Comfort, Energy Savings, Cost reduction, Environmental sustainability

www.bim4eeb-project.eu



# BIM4EEB

BIM based fast toolkit for  
Efficient rEnovation in Buildi

<https://www.bim4eeb-project.eu/>

<https://www.linkedin.com/company/bim4eeb/?viewAsMember=true>

<https://twitter.com/bim4eeb>

## **Tool developer**

### **Industry**

- One Team (SME)
- Suite5 (SME)
- Visualyink (SME)
- CGI

### **Research center**

- VTT
- RI.SE
- IERC

### **University**

- PoliMi
- TUD
- UCC





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Renewable  
Heating & Cooling

European Technology and Innovation Platform

## WORKSHOP ON RENEWABLE HEATING AND COOLING SOLUTIONS FOR BUILDINGS AND INDUSTRY



RHC for  
industrial  
applications



Storage solutions  
for RHC support in  
buildings

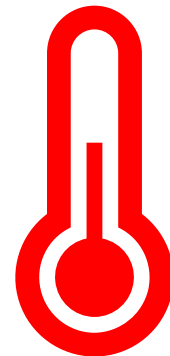


Innovative solutions  
for RHC deployment  
in buildings



Demonstration  
actions for RHC  
in buildings





Award of the biggest  
SP20 workshop with  
**15 sister-projects**

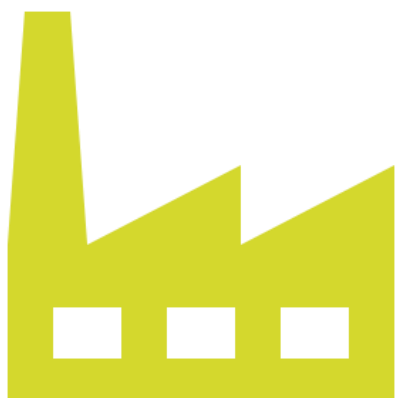
## RENEWABLE HEATING AND COOLING SOLUTIONS FOR BUILDINGS AND INDUSTRY



# RHC for industrial applications:

**We need to promote RHC as feasible solution for industries:**

**Reliable, easy to install and highly efficient**





## Storage solutions for RHC support in buildings

We need to increase the collaboration in the development of novel storage solutions for RHC

Reaching high TRL in the coming years also investing on the social acceptance of the technologies







InnovamicroSOLAR



So[B]o  
Rev

RES/4  
BUILD

## Innovative solutions for RHC deployment in buildings

Digitalization can support the promotion of  
RHC technologies market uptake (e.g.  
supporting EPC adoption)

Still some technology development is  
needed to make them fully attractive from  
the user' point of view



TRI-HP  
PROJECT



**G E O F I T**<sup>®</sup>  
SMART GEOTHERMAL



**HEAT4COOL**

Hybrid  
BioVGE



## Demonstration actions for RHC in buildings

**Demonstration is the crucial step to  
raise awareness about RHC solutions  
in buildings**

**Novel design tools and controls  
approach can trigger wide deployment  
in different buildings' sectors**





October 27-30, 2020  
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## Energy Transition on European Islands

Chaired by



From innovation to implementation:  
how to make the energy transition on islands a reality?

## 13:10 SESSION 1. THE CLEAN ENERGY ISLANDS INITIATIVE



- A few words about the Clean Energy Islands initiative
- The EU Islands Facility - NESOI

*Sophie Dourlens-Quaranta, R2M Solution*

## 13:30 SESSION 2. SELECTED TOPICS ADDRESSED BY ONGOING RESEARCH & INNOVATION PROJECTS



- PV and BESS integration on islands - The **INSULAE** project

*Stefano Barberis, RINA Consulting*



- Storage concepts and interoperability - The **GIFT** project

*Sašo Brus, INEA*



- Utilisation of local renewable resources - The **ROBINSON** project

*Ugo Simeoni, European Turbine Network*



- Sustainable mobility on islands - The **SMILE** project

*Stefano Barberis, RINA Consulting*



- Citizen engagement - The **REACT** project

*Thomas Messerve, R2M Solution and Andrew Barney, Uppsala University*

## 14:30 SESSION 3. ROUNDTABLE DISCUSSION

- Theme 1: How to engage islanders in the energy transition?
- Theme 2: How to stimulate islands' long-term energy strategy?



# A few words about the Clean Energy Islands initiative

- **Part of the 'Clean energy for all Europeans' package**

*“Many of Europe’s 2400 islands are small isolated systems and small markets. However these islands, where 15 million Europeans live, have the potential to be frontrunners in the clean energy transition by adopting new technologies and implementing innovative solutions”*

- **Launched in 2017:** the European Commission and 14 EU countries (Croatia, Cyprus, Denmark, Estonia, Finland, France, Germany, Greece, Ireland, Italy, Malta, Portugal, Spain, and Sweden) signed a political declaration
- **Reinforced in June 2020** with the signature of a Memorandum of Understanding (MoU) to support cooperation to identify common solutions and best practices helping islands facing common challenges

**15 million  
Europeans live  
on Europe's  
2400 islands.**



*The initiative provides a long term framework to help islands generate their own sustainable, low-cost energy. Its aims are:*

- *Reduced energy costs*
- *Greatly increased production of renewable energy*
  - *Construction of energy storage facilities*
  - *Development of demand response systems*
- *Better energy security for islands, which will be less reliant on imports*
- *Improved air quality, lower CO<sub>2</sub> emissions, and less impact on environment*
  - *Creation of new jobs and business opportunities*



# A few words about the Clean Energy Islands initiative

## Three instruments:



### **Clean energy for EU islands secretariat**

To facilitate the clean energy transition, the Commission launched in 2018 the '[Clean energy for EU islands secretariat](#)', which offers support and assistance on project preparation to Europe's islands communities



### **Clean energy for EU islands forums**

The forums are regularly organised since 2017. They provide EU islands and other EU initiatives the opportunity to share best practices and showcase innovative projects in the areas of renewable energy, energy efficiency and research and innovation

New Energy Solutions Optimised for Islands



### **The European Islands Facility – NESOI**

NESOI aims to fund 60 successful energy transition projects, mobilising more than €100 million of investment by 2023.



NESOI - New Energy Solutions Optimised for Islands

401 followers

2w • 🌐

🔔 NESOI OPEN CALL LAUNCHED 🔔

The first #NESOI's open call offers grants of up to €60k per proposal as 1 ...see more



NESOI launches first open call: over 3 million euros available to support Islands with their energy transition ambitions

nesoi.eu • 2 min read

Call OPEN until 18 December  
€3,120,000

€60k direct financial  
contribution + €60k of technical  
assistance from the facility.

First of two calls

<https://www.nesoi.eu/content/nesoi-launches-first-open-call-over-3-million-euros-available-support-islands-their-energy>

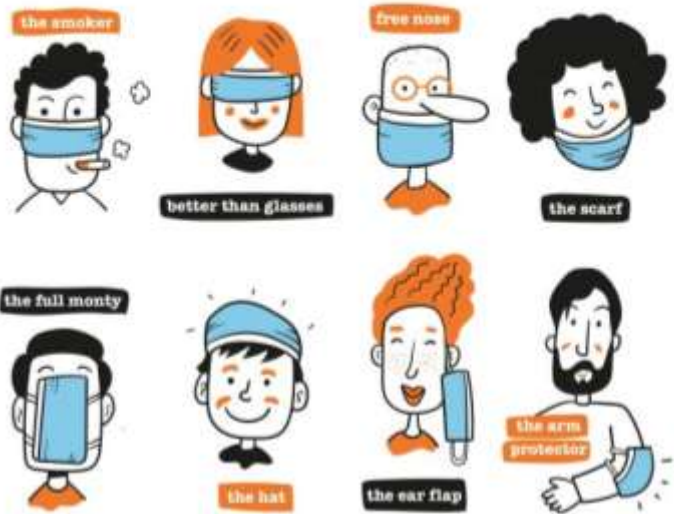


# Value Action Gap / Deficit Hypothesis



FLORENTINE  
by Les Capelin

## How NOT to wear a mask

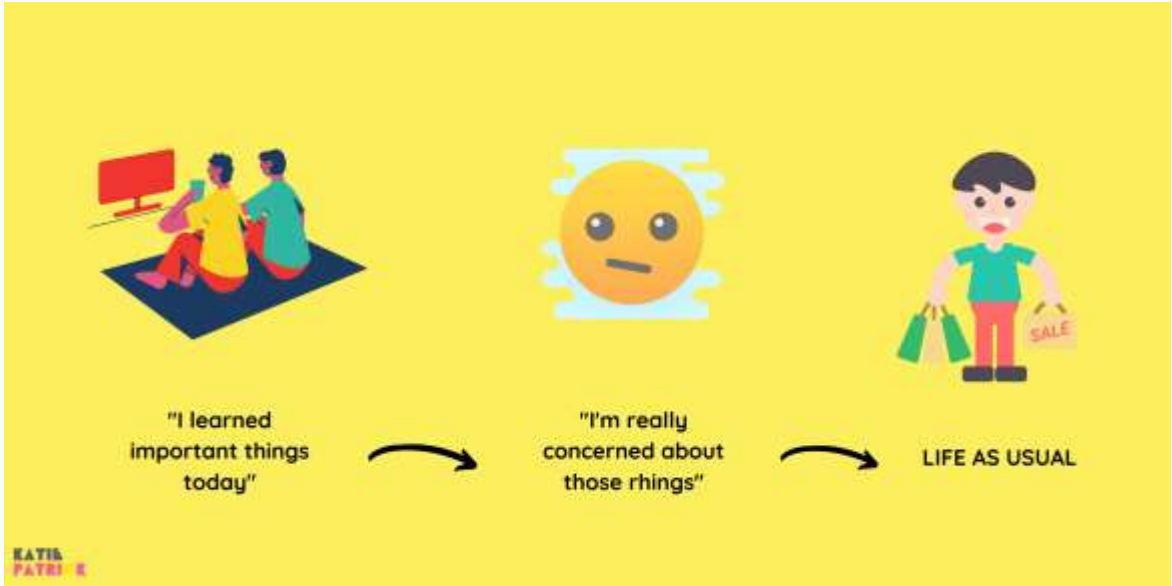


### The sustainability paradox

Are shoppers the biggest hurdle to corporations going green? Behavioral nudges could help

Lory Hendley  
Published Tuesday, October 13, 2020 10:36 AM EDT  
Updated Friday, October 23, 2020 11:27 AM EDT

### While up to 70% of consumers claim in surveys that they want to purchase more environmentally-friendly products, only 1% to 5% actually do.







**SUSTAINABLE  
PLACES 2020**

October 27-30, 2020  
Digital Event



# Closing Notes

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**SUSTAINABLE  
PLACES 2020**

**Sustainable person** of the year award!

*Talk is cheap – actions matter*







October 2021  
See you there

Join us at the Closing Session







# **SUSTAINABLE PLACES 2020**

October 27-30, 2020

Digital Event

Thanks for a Great  
Event!

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