
April 2023

BUILD UP

Newsletter



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Overview articles

APRIL TOPIC OF THE MONTH: Knowledge transfer for Energy Efficiency and Renewable Energy sources in Buildings

Every month, BUILD UP highlights publications that cover a specific topic. The topic of the month (ToM) for April is "Knowledge transfer for Energy Efficiency and Renewable Energy sources in Buildings". We are eager to receive your discussion papers, news, and articles. Become a contributor now! In this edition of the newsletter, you will find some of the most relevant contents of March's ToM: "The digitalisation of the building sector".



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Overview Article - State of the art of the digitalisation of the building sector

Digitalisation represents an opportunity to innovate and decarbonise the whole building value chain. This article provides a quick overview in terms of technology trends, tools and European initiatives.

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Technical Article - The BIM-P, a digital data environment to support the building renovation activities

The INFINITE project has developed a BIM Platform (BIM-P) which is a digital data environment and asset information management, supporting stakeholders to efficiently collaborate throughout the whole life cycle of buildings. The platform not only stores and shares data, but also enables data exchange with other tools for LCA and LCC evaluations, and other services.

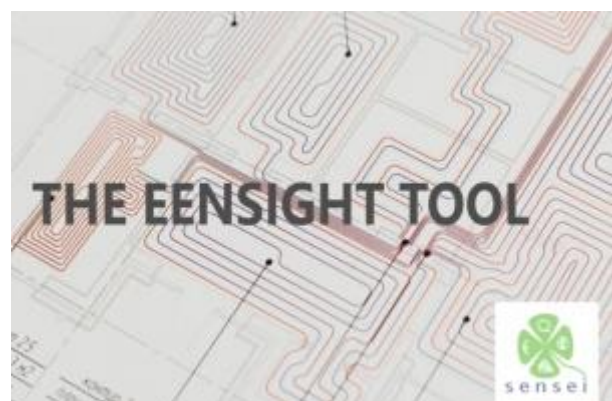
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Technical Article - SENSEI's eensight tool

The H2020 SENSEI project has contributed to the advancement of automated measurement and verification (M&V) methods by promoting a major change in the way practitioners approach the task of M&V, as well as by offering Eensight, an open-source tool to experiment with and test the proposed M&V methodology.

[more](#)



Technical Article - The digital era in building energy performance: the Auto-DAN project

The installation and exploitation of smart hardware infrastructure along with the use of a data analysis platform is the core of the digital solution developed within the context of the Auto-DAN project, resulting in a self-energy assessment method.



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News

Expert Talk - Valeria Ferrando & Eduard Loscos

Check the Expert Talk with Valeria Ferrando, Associate Director - ICL Consultancy at IES Ltd, and Eduard Loscos, R&D Manager at IDP Engineering and President at Building Digital Twin Association, about Digitalisation in the Building Sector.



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BUILDING CONVERSATIONS UP – Mirjam Harmelink

Manager at the Urban Energy Institute at Technische Universiteit Delft, Mirjam Harmelink talked with us about the main barriers to implement Smart technologies in buildings across the EU, among other topics.



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BUILDING CONVERSATIONS UP – Anna Moreno y Veronika Schöpfer

How is digital technology shaping the building and construction industry is one of the questions we raised in this double interview, which also digs into the Arise project.

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Digital Building Logbooks to support building decarbonisation

The new EU-funded Demo-Blog project aims to establish Digital Logbooks as a central tool to monitor and evaluate the progress of climate and energy transition actions at the local level.

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Digitalisation in the Flemish construction sector

The kick-off event of the EDIH-EBE (European Digital Innovation Hub Energy in the Built Environment) highlighted the importance of implementing digital technologies to accelerate the energy efficiency transition in buildings.

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Smart technology can improve building efficiency

How digital construction with BIM models and Digital Twins can improve the efficiency of buildings and help with sustainability? An article from Paul McCarthy, CTO at Service Works Global for BIMToday.

[more](#)



Practices

Future technologies for smart buildings

The Smartbuilt4eu project supports the Smart Building Innovation Community through several EU-funded projects, which are presented in this new brochure.

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Modular factory in Erlenbach am Main, Germany

ALAS Architects designed the new headquarters of the Hemmelrath Technologies company. The building is part of the MoFa Building Project and consists of a turn-key product for customers who are interested in a sustainable and integral solution.

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Explore

An inclusive toolbox to accelerate deep renovation

The InCUBE project brings together 23 high-profile partners and two affiliated entities from across 7 European countries, envisioning to unlock the EU renovation wave through cutting-edge standardised, lean, integrated processes.

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Demo-BLog - Development and Demonstration of Digital Building Logbooks

Demo-BLog brings together different DBLs, diverse functionalities addressing key societal challenges, partners, frontrunners in R&D, policymaking and market implementation and substantial opportunities to build and leverage parallel projects and activities focussed on evolving/scaling the participating building logbooks.

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Learn

Webinar: Data-driven innovations for monitoring the performance of buildings

Two new Horizon Europe Projects, DigiBUILD and MODERATE, organised this webinar presenting their data-driven solutions to turn raw data from buildings into meaningful knowledge and their ideas on how to improve the interoperability between datasets.

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Webinar: SmartBuilt4EU – The future of smart buildings in Europe

This webinar presented the Strategic Research Innovation Agenda (SRIA), the policy recommendations and the final results of the SmartBuilt4EU project, and was hosted by Build Up.

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Implementation tools for Smart Readiness Indicator (SRI)

The European Commission website provides a detailed list of SRI digital calculation tools which have been developed by several EU- funded projects.

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Events

DRIVE-0 series of webinars: "Circular talks"

The "Circular Talks" series of webinars aims to present and promote the Circular and Consumer Centred Business Model as developed in the framework of DRIVE 0, through the illustration of case studies where specific circular solutions have been applied to implement deep renovation.

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C4E Forum 2023

In this edition of this Energy Efficiency Forum, the main topics that will be addressed are energy security, the rebuilding of Ukraine and EU policy (REPowerEU and Fit-for-55 package).

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Call for Proposals for Sustainable Places 2023

Sustainable Places has launched its Call for Proposals for its annual conference that will take place in a hybrid format. The proposals can be submitted until the 14th of May.

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Call for Papers for CIRMARE 2023

With the theme “Resilience and Adaptation of Buildings and Cities to Climate Change”, CIRMARE aims to contribute to the knowledge and promotion of practices in Rehabilitation that boost the resilience and adaptation of buildings and cities and identify new solutions to meet future needs of contemporary sustainable society.

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Social media



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