



SMART BUILDING[®] Levante

14-15 November 2024
Nuova Fiera del Levante, Bari – Italy

The International trade fair for plant engineering
and construction 4.0 in the Mediterranean





The Fair to Face an Epochal Challenge

Smart Building Levante is the Fair of the Southern and Eastern Mediterranean dedicated to the crucial theme of the dual digital and energy transition in the field of building and urban planning.

It is a trade fair exclusively for professionals, internationally recognized by the Puglia Region, which aims to be an essential event for those involved and will be involved in implementing the European Community's Directive on Green Buildings. The fair aims to achieve national building stock carbon neutrality by 2050.

This epochal challenge involves a supply chain that in Italy alone accounts for a turnover of 174 billion euros annually and employs over half a million people.



Keyword: Open innovation



Home and building automation and system integration

All the innovation in building systems connected and with zero emissions, and all the new control and management systems to reduce consumption and open up to the entire world of the Internet of Things.



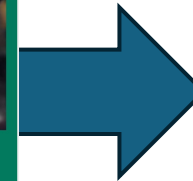
Security and safety

From intrusion detection systems to access control systems, moving on to cybersecurity and fire prevention systems.



Construction 4.0 and Renewable Energies

Innovative materials, high-performance fixtures, technologies for renewable energy production, and new construction techniques for sustainable and increasingly standardized buildings.

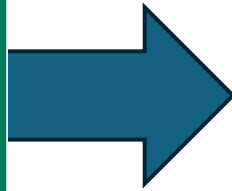


That is: integration between building envelope and active components



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Building forum

- Keep Zero is the thematic area dedicated to climate-oriented construction solutions.
- The "Keep Zero" square ideally brings together various aspects of innovation in the building sector, highlighting the necessary synergies and proposing a construction model supported by an operational method that aims towards the industrialization of building construction.
- Under the spotlight are design principles, construction processes, new materials, and new construction technologies.



Keep Zero Focus

- The special area KEEP ZERO aims to connect the construction supply chain and provide a space for discussing and deliberating on the future developments of the construction industry.

The area will focus on several aspects:

1. Defining the components related to the KEEP ZERO construction model.
2. Industrialization systems and processes.
3. Levels of sustainability of the proposed system, measured using the Itaca 2023 protocol.

This approach will facilitate comprehensive discussions and strategies for advancing sustainable and innovative practices within the construction sector.



The new challenges

- The challenges posed by the energy transition require a change in pace in decision-making and construction processes within the construction industry.
- The opportunity to create synergies among stakeholders in the supply chain represents a necessary response to adequately address the upcoming changes in the years ahead. It is essential to rethink a new construction model focused on sustainability, supported by processes of innovation, industrialization, and digitalization.
- The key players in this process are the builders, who currently drive this change. KeepZero aims to be a space where discussions on the future of the construction industry can take place, highlighting the entrepreneurial capabilities of the region and the companies investing in innovation that can contribute to this transformation.



Workshop

Building for the Climate

Sponsored by ANCE Bari and Bat, this workshop aims to engage key stakeholders in the construction industry to establish an ideal path of shared growth. It will analyze the current state of construction and discuss future development directions, all while adhering to sustainability principles.

Measuring Sustainability with the ITACA Puglia 2023 Protocol

Endorsed by the Puglia Region, this seminar-style workshop will present and analyze systems for measuring building sustainability. It will also explore European Union directives and their implications for sustainability goals.

The Green Buildings Directive: Objectives and Solutions

What changes in the construction sector after the European Parliament's approval of the Green Buildings Directive (EPBD)? What are the short, medium, and long-term objectives for different countries? How should the construction sector adapt?

How the Real Estate Market is Changing?

Developed in collaboration with Immobiliare.it, this workshop aims to highlight real estate dynamics amidst ongoing technological transitions. How should investments be oriented? How is technological innovation impacting real estate value dynamics?

These workshops offer a comprehensive exploration of current challenges and future directions in the construction and real estate sectors, focusing on sustainability, regulatory changes, and technological innovation.



The protagonist

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