



# Building together

**Call for Speakers**  
National Congress of Advanced  
Architecture and Construction 4.0

28 - 30 MARCH 2023 | IFEMA Madrid



OFFSITE | SUSTAINABILITY | DIGITALIZATION  
[www.rebuildexpo.com](http://www.rebuildexpo.com)



# 1. INNOVATION BUILDERS

We are living a paradigm shift in building. The current situation requires rethinking the way we build and adopting collaborative processes to guide the building sector towards a more sustainable, industrialized and digital model.

**REBUILD** has established itself as the only event to drive and promote the change in the construction model of building. A transformation that will be consolidated in the coming years through industrialization, digitalization, design and different solutions in terms of sustainability.

An **innovation platform** for manufacturers and distributors:

- **Identify new builders**, developers, investors, contractors, architects, technical architects, public managers, engineers and installers, interior and product designers, who are looking for their industrial partner in REBUILD to develop their projects.
- **Generate new high quality contacts** and build customer loyalty.
- **Show your leadership** and positioning by the added value you bring to the sector.
- **Present your new products** and solutions to the industry, thus boosting your sales strategy.
- Communicate and associate as an industrial partner in the framework of the event that will transform the building industry.
- Participate in the Advanced Architecture and Construction 4.0 Congress, the largest knowledge forum to solve the challenges of the new building and draw the roadmap for the next decade, with a specific agenda for each professional profile, and with sessions dedicated to the key issues of the moment.

To drive the 3 pillars of sustainability, industrialization and digital model, it is necessary **to work collaboratively**. And this, we can only do, knowing and experiencing the latest trends in each of the phases where our building and architectural activity operates.

This call for speakers is aimed at two stakeholders, until now holding a disconnected discussion and who from now on need to work together. On the one hand, technicians, academics, researchers and, on the other, experts, professionals and entrepreneurs in the building sector.

They will be able to present their candidacy, those investigations around the disruptive change that the concept supposes: Innovation Builders.

# 2. SPEAKER'S PROFILE

Within the fields of housing, hotel, retail, social-health, office, institutional and residential we seek those practices, experiences, projects, innovations and products that are currently affecting the building sector reflected in the building and construction area:

- Promoters, builders and designers, architecture and engineering firms with innovative energy-efficiency and sustainability programs or other fields that affect advanced construction whether in their design approach or in their innovative construction methods.
- I+D and producer companies involve in the development of products or equipment for the sustainability and efficiency.
- Architects, engineers, interior designers and designers that have any successful case relative to sustainability or digitalization within the construction sector.
- Expert Professionals in energy efficiency or sustainability applications as a rival advantage in their projects.
- Disruptive and noteworthy applications of technology within the construction sector.
- Architecture, engineering or project management firms which have created noteworthy projects.
- Business specialized in technology for advanced architecture and construction 4.0.
- Hardware, software, robotics developers who provide innovative solutions to improve productivity and processes, involved in change and improvement within the construction sector.
- Professionals involved in Off-site construction, technology and process experts who offer safe, efficient and sustainable work environments within urban Off-Site settings.





# 3. TOPICS

With the aim of facilitating the focus of the applications, the basic points on which you want to frame the Call for Speakers applications are detailed below:

## TOPICS

### OFFSITE:

- Prefabs
- BAM
- Modular Construction & Containers
- Off site
- New materials
- Dry building vs Wet building
- MCM – Modern Construction Methods
- Circular Construction

### SUSTAINABILITY:

- Energy efficiency
- Negative carbon architecture
- Renewable energy, self-consumption
- Near Zero Energy Consumption Buildings (NZECEB)
- Environmental certifications: Passivhaus, LEED, VERDE, DGNB, Well...
- Healthy interior design
- The 5R concept in building (Re-use, Rehabilitation, Restoration and Recycling)
- Eco Digital Twin

### DIGITALIZATION:

- Smart Building
- BIM
- IOT
- Cloud & Data
- VR/AR
- 3D Printing
- House Connected
- Smart Lighting

To which are added topics such as Lean Construction, Blockchain in construction, Project Management, real estate management and PropTech solutions, collaborative processes in building, design and interior design, the transformation of professional vocations and universities , the introduction of the concept of healthy and healthy construction, the biodynamic office, and design for co-creation, co-living and coworking.

# 4. HOW TO PRESENT YOUR PROPOSAL

To submit your proposal you must fill out the form that you will find at the Rebuild website:  
<https://www.rebuildexpo.com/congreso/call-for-speakers>.

All proposals must comply with the Congress’ terms and conditions as defined at the form, an fulfilling the following:

- Title of the presentation (max 100 characters).
- Summary (max 2.500 characters): must state clearly the added value of the paper, its methodology, the current status and implementation of the project or idea, solutions/ conclusions and any other information useful to understand the main ideas presented on the proposed topic.
- Brief biography of the speaker (400 characters).
- Keywords (max 200 characters).
- Draft of the presentation in PDF / PPT format (max 10 slides).

# 5. KEY DATES

The key dates to consider are the following:

1. Reception of the proposals: before **February 4th, 2023**.
2. Selected proposals to be announced: from **February 11th, 2023**.

# 6. EVALUATION CRITERIA

The objective of the **National Congress of Advanced Architecture and Construction 4.0** is to be a platform capable of providing the keys of the construction sector and rehabilitation of buildings and homes through unique and high-level conferences that will show the most inspiring, innovative and disruptive ideas, practices and technologies.

- The ability to impact and contribute to the congresses’ key topics.
- Level of innovation and disruption within the sector
- Originality and novelty of the theme presented
- Information, analysis and contents of the presentation



# 7. INTELLECTUAL AND PROPORTY RIGHTS

The participant is responsible for the authorship of the presented paper and must own intellectual property and, where appropriate, industrial rights of the ideas-technologies presented. The participant will declare that his-her presentation does not violate the rights of intellectual property, industrial property rights, copyright and image rights, and assumes complete responsibility with respect to third parties. The organization of the National Congress of Advanced Architecture and Construction 4.0 is free of all legal responsibilities. Once the proposal for a paper has been selected, the Organization may publish part or completely any data considered relevant for public purposes: name of author, company or organization, title, abstract, website, links, theme et al... on the web and other media of diffusion.

# 8. DATA PROTECTION

The National Congress of Advanced Architecture and Construction 4.0 Organization is committed to maintaining the confidentiality of the proposals received. They will be shared and distributed only to the members of the Expert Committee. Once the paper has been selected, the Organization may publish any data considered public (author's name, company or organization, title, abstract, website, links, theme...)

# 9. CONTACT

## QUERIES ABOUT THE CALL FOR SPEAKERS?

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## IF YOU ARE INTERESTED IN EXHIBITING:

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## BUSINESS OPPORTUNITIES



## KNOWLEDGE



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### PERFORMING STUNNING EXHIBITIONS TO YOUR BUSINESS SUCCESS

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