



Housing & Building  
National Research Center



American  
Concrete Institute



Ministry of Housing, Utilities  
& Urban Communities

# Future Vision & Challenges for Urban Development

## Green Smart Sustainable Building between Present & Future

HOUSING & BUILDING NATIONAL RESEARCH CENTER  
INTERNATIONAL CONFERENCE

CAIRO - EGYPT  
15 -17 DECEMBER 2024



### Under Auspices of

**Eng. Sherif Magdy El-Sherbiny**  
Minister of Housing, Utilities,  
and Urban Communities

Conference Chair  
**Prof. Dr. Mohamed Massoud  
ElSaadawy**  
Chairman of HBRC

Conference Co-Chair  
**Prof. Dr. Tarek M. Bahaa ELDin**  
Vice Chairman, HBRC

### About the Conference

Green Smart Sustainable Building between Present & Future (GSSB) is an international conference that celebrates the 70th anniversary of HBRC and is expected to gather distinguished experts in construction engineering and urban development.

### Conference Format

The HBRC conference will facilitate knowledge exchange and discussion among various stakeholders in the construction industry through multiple formats. These formats include keynote speakers, workshops, roundtables, and an exhibit.

These events, which commemorate the 70th anniversary of HBRC, will provide a platform for individuals from all backgrounds with an interest and role in the construction sector and real estate development.

The HBRC conference (GSSB) will feature special sessions on a diverse range of topics, new codes and innovations, and new initiatives in the field, considering the involvement of all stakeholders in urban development, including the private sector, practitioners, academia, all levels of government, and international organizations, among others.

### Conferences Events



**Workshops**



**Roundtables**



**Innovation Hub**



**Exhibition**



**Launching  
Building Codes**



**International  
Speakers**

### Conference Contacts

Website: <https://hbrc.edu.eg/en/hbrc-conf2024>

E-Mail: [hbrc.conf2024@hbrc.edu.eg](mailto:hbrc.conf2024@hbrc.edu.eg)

Address: 87 El-Tahrir St., Dokki, Giza, Egypt.



The conference will be held at the  
Housing and Building National  
Research Center - HBRC, Giza, Egypt.





## Conference Themes

- 1.Sustainability in Construction, Architecture, and Urban Planning.
- 2.Resilience in Smart Systems.
- 3.Hybrid Energy Systems.
- 4.Artificial Intelligence Application in the Construction Industry.
- 5.Waste Treatment/ Management and Applications.
- 6.Best Practices in Designing & Operating Smart Buildings and Communities.
- 7.Sustainable Infrastructure.

## Why Attend the GSSB Conference?

The HBRC conference GSSB is an ideal platform for companies and individuals to share their knowledge and explore practical solutions to urban development and construction challenges related to housing and other buildings, energy, wastewater, water, building materials, and safety, among many others.

## Why Sponsor?

HBRC, also known as the House of Engineers, along with the syndicate, is the ideal place to initiate discussions about your product, whether it is a real estate development opportunity, innovative material, or product. Associating your name with such an international event ensures that you reach your target market while gaining high visibility at the national level.

## Why Be Part of the Exhibit?

The exhibit offers a space to showcase your innovative, sustainable technology, new materials or building systems, and other products. It is also a platform for initiating discussions on utilizing these innovations and introducing new codes.

## Conference Contacts

Mobile: +20 122 375 4055 - +20 122 716 9436  
WHATS APP.: +201150142281  
Phone: (+202) 37617067 - 37617106  
Fax: 33351564 - 37628736

## Conference Objectives

Egypt's Vision 2030 represents a roadmap for future sustainable and inclusive development through the SDGs, aiming to fulfill the aspirations of Egyptians for a better quality of life. The GSSB conference, which celebrates 70 years of HBRC's service to Egyptians, the Arab region, and Africa in the construction industry and urban development, has set its main objective to align with sustainable development principles. These sustainability and smart development principles aim to enhance the quality of life for all by providing innovative and sustainable solutions to construction and urban development challenges.

## Target Audience

- Practitioners within the construction industry.
- Researchers specializing in sustainable and smart construction.
- Entrepreneurs offering innovative construction solutions.
- Developers with a keen interest in implementing sustainable practices
- Government entities engaged in urban development.

## Conference Registration

### Important Dates

- Full Paper Deadline 15/09/2024
- Notification of Paper Acceptance or Request for Amendments 15/10/2024
- Notification of Final Paper Acceptance 15/11/2024

### Important links for participation

Research papers will ONLY be received by completing the registration form by scanning the QR code.



Scan QR code

## Registration Fees

**International Delegates:** US\$ 200

**Egyptian Delegates:** EGP 2000

Full conference registration fees include proceedings, a welcoming reception, coffee breaks, dinner, and a closing ceremony for all participants.

Please refer to conference contacts to confirm your registration.

# HBRC PREVIOUS EVENTS



**Green hospitals Seminar, 2024**



**International workshops, 2024**

## HBRC Previous Conferences Statistics (2003 - 2023)



**+150 Main Sessions**



**+750 Research Papers**



**+30 Workshops**

## 4th International Conference on Sustainable Construction and Project Management, 2023



## Egypt Permanent Green Sustainable Building Exhibition (EGBEX)



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