

HOSTED BY



MINISTRY OF CONSTRUCTION

ORGANIZED BY

DEPARTMENT OF SCIENCE, TECHNOLOGY AND ENVIRONMENT
MINISTRY OF CONSTRUCTION

SUPPORTED BY

IEC CONSULTING



VIETNAM GREEN BUILDING WEEK 2023

GREEN BUILDING DEVELOPMENT PROMOTES GREEN TRANSFORMATION
OF THE CONSTRUCTION INDUSTRY: OPPORTUNITIES AND CHALLENGES

EVENT BROCHURE

GENERAL CONTEXT

GLOBAL CONTEXT: CLIMATE CHANGE INCREASES EXTREME WEATHER IN 2022

Talking Numbers

96%

In 2022, 7.6 billion people, or 96% of the world's population, will be affected by climate change, from heat waves to flood

100
million

100 million people displaced by climate change
(drought, flood, land erosion)

\$268
billion

It is estimated that natural and man-made disasters caused economic losses of \$268 billion in 2022

5-7
times

The amount of natural disasters has increased fivefold in the last half-century and is 7 times more damaging than in the 1970s



GLOBAL ANXIETY



HORN OF AFRICA

The World Food Programme (WFP) said that across the Horn of Africa, mainly Djibouti, Ethiopia, Kenya and Somalia, some 22 million people are currently facing a severe hunger crisis after 4 consecutive rainy seasons suffering from severe drought.

CHINA

China also experienced a heat wave last year that was rated as "the most severe in 6 decades".

EUROPE

Heatwaves in Europe have increased in both frequency and intensity over the past 4 decades. As a result of the heatwave, Europe has suffered the "worst drought in 500 years".

U.S. STATES

More than 50% of U.S. states issued high heat warnings during the morning of July 21, with the highest temperature being 46 degrees in Texas and Oklahoma.

MOSCOW

The Russian capital Moscow in the winter of 2022 also suffered a record snowfall, covering 40 cm of snow, the highest level recorded since 1989.

THE ARCTIC

The Arctic has warmed by an average of 0.75°C per decade, almost 4 times faster than the rest of the Earth.

GENERAL TRENDS OF THE WORLD



- Operating and developing the world economy in a green trend is the number one choice to restrain and reverse adverse impacts on the environment and living space.
- Green Building continues to be a global trend and preferred choice because its benefits, positive impact on society and environmental improvement are also one of the important actions for net emissions to be halved by 2030 and to net zero by 2050

DOMESTIC CONTEXT

TRENDS BUT EFFORTS NEEDED TO MATERIALIZE

Positive signals



- At COP26, Vietnam was one of the countries making strong commitments to bring net emissions to "zero" by 2050
- The Government of Vietnam has issued a National Action Plan on Green Growth for the period 2021-2030; National Strategy on Climate Change to 2050
- Green Building continues to be a global trend and preferred choice because its benefits, positive impact on society and environmental improvement are also one of the important actions for net emissions to be halved by 2030 and to net zero by 2050

Concerns



- So far in 2022, only about 233 buildings nationwide have received green certification after more than 10 years of implementation.
- There is no specific and clear legal corridor for green building investment and development.
- Thermal science works in Vietnam are still limited, not keeping up with the trend of the world.

**NEW ORIENTATION FOR GREEN DEVELOPMENT IN THE FUTURE,
ESPECIALLY THE CONSTRUCTION INDUSTRY: OPTIMAL AND SUSTAINABLE**

EVENT OVERVIEW

Vietnam Green Building Week is a prestigious annual conference and exhibition event hosted by the **Ministry of Construction, Department of Science, Technology and Environment and IEC Consulting**. In recent years, the event has played an important role in connecting stakeholders to promote the development of green buildings, energy-efficient buildings towards the economy green in Vietnam. This year, in the face of global challenges and challenges on climate change, pursue a roadmap to reduce net emissions by 2050, along with the in the general direction of the world, the event will revolve around the theme:

“GREEN BUILDING DEVELOPMENT PROMOTES GREEN TRANSFORMATION OF THE CONSTRUCTION INDUSTRY: OPPORTUNITIES AND CHALLENGES”

The main seminar and exhibition program includes: 01 Plenary Session, 04 Conference Sessions focusing on practical issues related to trends in using materials and equipment for green buildings, developing models of green industrial parks and green buildings to improve quality of living and working for people, discussing green utilization mechanisms, green finance – a springboard for building development green in a difficult economic context. In particular, the workshop is also a place for state management agencies to listen and remove policy barriers for state management agencies. Units and businesses have been and will invest in green buildings in the near future.

The international exhibition promises to bring together typical products and achievements of more than 30 prestigious and leading units in the construction industry, especially are fields such as: green materials, ecology, smart devices, energy saving, consulting units, public design submitters, investors, green project managers, green financial institutions,...

In addition to the main activities, the Week also has side activities such as: Policy exchange seminar, Gala Networking program, Award, Green Race,...



NOTABLE FIGURES

01

PLENARY SESSION

04

CONFERENCE
SESSIONS

1000+

PARTICIPANTS

30+

SPEAKERS,
EXPERTS INCREASE

30+

SPONSORS

30+

MEDIA

TENTATIVE SCHEDULE

<p>18/09 Ha Noi</p>	<p>08:30 – 12:00</p> <ul style="list-style-type: none"> • PUBLIC-PRIVATE EXCHANGE SEMINAR ON PROMOTING GREEN BUILDING DEVELOPMENT • SITE VISIT 	<p>27/09 HCMC</p>	<p>18:30 – 21:00</p> <ul style="list-style-type: none"> • DINNER AND NETWORKING • GREEN AWARD CEREMONY
<p>28/09 HCMC</p>	<p>08:30 – 12:30</p> <p>PLENARY SESSION</p> <p>GREEN BUILDING DEVELOPMENT PROMOTES GREEN TRANSFORMATION OF THE CONSTRUCTION INDUSTRY: OPPORTUNITIES AND CHALLENGES</p>		
	<p>13:30 – 18:00</p> <div> <ul style="list-style-type: none"> • CONFERENCE SESSION 1 DEVELOP GREEN FACTORIES, GREEN OFFICES, GREEN BUILDINGS – AIMING TO IMPROVE THE QUALITY OF LIVING AND WORKING SPACE • CONFERENCE SESSION 2 USING GREEN, ENERGY-SAVING AND ENVIRONMENTALLY FRIENDLY MATERIALS </div> <div> <ul style="list-style-type: none"> • CONFERENCE SESSION 3 EQUIPMENTS AND TECHNOLOGIES, AIMING TO MODERNIZE CONSTRUCTION WORKS, IMPROVE COMFORT FOR USERS • CONFERENCE SESSION 4 GREEN FINANCE FOR SUSTAINABLE DEVELOPMENT </div>		

BY INDUSTRY

BY INDUSTRY

20%  **Public Sector**

- Leaders of the Ministry and Departments and Institutes under the Ministry, leaders of Departments: Construction, Industry and Trade, Investment Planning, Science and Technology, Natural Resources and Environment,....
- Leaders of the National Assembly and related committees of the National Assembly
- Leaders of the State Bank and related Departments, Departments and Institutes
- People's Committees of 63 provinces
- ...

65%  **Enterprise**

- Enterprises developing industrial real estate, industrial parks
- Enterprises developing houses, hotels and urban areas
- Enterprises producing construction materials
- Enterprises producing construction and household appliances
- Technology enterprises
- Architectural design and construction consultancy enterprises
- Commercial banks
- ...

15%  **Others**

- Associations and associations
- University
- Research institutes
- Center
- International organizations
- Embassy
- ...

BY POSITION

30%  **C-Level**

- Ministers/Deputy Ministers of relevant ministries
- People's Committees of provinces and cities
- Directors/Deputy Directors of relevant departments
- Directors/Deputy Directors of Centers, Associations, Institutes and Schools

50%  **M-Level**

- Head of Department: Technical Infrastructure, Urban Development, Architectural Planning, Construction Management ... the Departments of Construction, Planning - Architecture
- Head of Design Department, Technical Management Department, Market Department, Economic and Planning Department of Construction Consultants
- Head of Contracting Department, Sales Department, Market Department, Planning Department of companies supplying construction equipment/materials
- Head of Design Management Department/Department, Department/Contracting Board, Department/Business Department of construction investment companies ...

20%  **E-Level**

- Technical Experts | Consultant | Architect | Engineer
- ...

OUTSTANDING TOPIC AT THE CONFERENCE

PLENARY SESSION:

GREEN BUILDING DEVELOPMENT
PROMOTES GREEN TRANSFORMATION
OF THE CONSTRUCTION INDUSTRY:
OPPORTUNITIES AND CHALLENGES

- Adding and expanding new policies and programs shaping the future of Vietnam's construction industry: Greener and more sustainable
- From policy to action: The process of approaching and implementing Green Buildings at the local level
- Creating a truly circular economy as a pillar towards sustainable development
- The priority trend of developing energy balance works in the world and recommendations for Vietnam
- Decarbonization and the path to fossil fuel-free buildings of the future



OUTSTANDING TOPIC AT THE CONFERENCE

CONFERENCE SESSION 1:

DEVELOP GREEN FACTORIES,
GREEN OFFICES, GREEN
BUILDINGS – AIMING TO
IMPROVE THE QUALITY OF
LIVING AND WORKING SPACE

- Promote programs to improve "Quality of life – Quality of urban areas"
- Net-Zero Transformation in Real Estate: From Portfolio Planning to Project Execution
- Building intelligence, a key factor to realizing the promise of high-performance green buildings
- High-tech HAVC system – the ideal solution to improve air quality in the living and working environment
- Green Industrial Park Development Trend in the World: Experience and Practical Lessons for Vietnam
- Application of rooftop solar power in factories and industrial parks – Solutions to economic problems and environmental protection
- Elevator system with high ecological efficiency for office buildings and apartments

CONFERENCE SESSION 2:

USING GREEN, ENERGY-SAVING
AND ENVIRONMENTALLY
FRIENDLY MATERIALS

- Raise standards in the production of materials from input to output to enhance agents that are good for users' health
- Comprehensive solutions for industrial flooring systems and decorative flooring
- Protect the architecture of the building with waterproofing and moldproof products
- Unbaked bricks – Green materials are favored in modern buildings
- Material "Wood" in the interior of construction: Environmentally friendly and highly aesthetic
- Choose interior and exterior paint suitable for the user's health
- Use environmentally friendly roofing materials

OUTSTANDING TOPIC AT THE CONFERENCE

CONFERENCE 3:

EQUIPMENTS AND TECHNOLOGIES, AIMING TO MODERNIZE CONSTRUCTION WORKS, IMPROVE COMFORT FOR USERS

- Smarthome – Smart Building: Experience the comfort and modernity
- Using natural circulating solar water heaters helps optimize energy for buildings and households
- Application of high-tech camera system for monitoring works and life utilities
- The trend of choosing air conditioners that save energy and ensure the health of users
- Smart, energy-saving lighting technology: Top priority for future buildings
- Ensure the sanitation of domestic water sources with advanced water supply and filtration systems

CONFERENCE SESSION 4:

GREEN FINANCE FOR SUSTAINABLE DEVELOPMENT

- Completing the legal framework on green utility, green finance towards sustainable development
- Green credit development strategy at commercial banks
- International experience on green credit and policy recommendations
- Green Finance Program for Green Social Housing Projects
- Proposal to expand green credit categories for green investors

EXHIBITION HIGHLIGHTS

GREEN URBAN AREA, GREEN INDUSTRIAL PARK

- Manage building data and operational efficiency
- Optimizing Satellite Urban Planning
- Heat island and urban spatial optimization
- Typical model of green industrial park projects, green housing
- ...

GREEN AND ENERGY-EFFICIENT BUILDING MATERIALS

- Ecological paint
- Waterproofing materials
- Adhesive materials
- Non-baked materials
- New generation roofing
- Green cement
- Drywall ceiling
- UV absorbing glass, insulated glass
- ...

ENERGY EFFICIENCY EQUIPMENTS AND TECHNOLOGIES

- Smart Camera System
- Smart lighting system
- HVAC system
- Treatment of domestic water and wastewater
- Smart water pumping and filtration system
- Heat pump
- Eco elevator
- ...

GREEN FINANCE

- Green savings
- Green bonds
- Green mortgage
- Green Credit
- Green deposits
- Green Securities
- Green Investment Fund
- ...

FEATURED SPEAKER 2022



MR. LE QUANG HUNG
Deputy Minister of Construction



MR. PATRICK HAVERMAN
Deputy Representative of the
United Nations Development
Programme (UNDP) in Viet Nam



MR. VU NGOC ANH
Director General of Department of
Science, Technology and Environment,
Ministry of Construction



MR. PHAM VAN TAN
Deputy Director General, Department
of Climate Change, Ministry of
Natural Resources and Environment



MS. DO NGOC DIEP
Vietnam Green Building
Program Manager, IFC



MR. TIM EVANS
CEO of HSBC Vietnam



MS. PHAN THU HANG
Chairwoman of
Vietnam Green Building Council



MR. EDWIN TAN
Deputy General Director
of Frasers Property Vietnam

FEATURED SPEAKER 2022



MS. LY THI PHUONG TRANG
Chairwoman of Daikin Vietnam



MS. LUU THI THANH MAU
Vice President of Vietnam Young Entrepreneurs Association, General Director of Phuc Khang Investment and Construction Joint Stock Company, Master of Industry Urbanism



ASS. TS. LE TRUNG THANH
Director of Institute of Building Materials



ASS. TS. NGUYEN DUC LUONG
Hanoi University of Civil Engineering



MR. JACOBO PEREZ POLAINO
General Director of Sika Vietnam



MR. NGUYEN HAI ANH
Technical Director of Saint Gobain Vietnam



GS.TS. DIRK SWEDE
University of Applied Engineering Sciences, Federal Republic of Germany



MR. NGUYEN LY TUONG
Senior Deputy Manager of Panasonic Air-Conditioning Vietnam

SIDE ACTIVITIES 2023

PUBLIC-PRIVATE EXCHANGE SEMINAR ON PROMOTING GREEN BUILDING DEVELOPMENT

When : Expected September 18, 2023

Location: Hanoi

- Exchange C-level from private sector enterprises with state management units about backlogs and inadequacies in Green Building development at Vietnam
- Proposing policies, removing obstacles for businesses
- Propose a comprehensive, effective and sustainable Green Building development plan in the future
- Plan to attract foreign investment combined with public investment to develop Green Building



FIELD TRIP PROGRAM

When : Expected September 18, 2023

Location: Hanoi

- Visit typical projects and works on green buildings, energy efficiency buildings certified by organizations
- Field survey of a number of ongoing and completed projects towards recognition as Green Building



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For more information and contact to register
for sponsor at the event, contact:

Mr. Tran Viet Dai – Event Director

☎ | +84 34 433 4860

✉ | dai.tran@iecgroup.com.vn