

### 2019 MENA Green Building Awards

Celebrating Green Building Achievements & Rewarding Excellence

Wednesday 16 October 2019 The Westin Hotel, Dubai Marina

Organized by



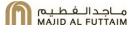




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2019 MENA Green Building Awards

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# WELCOME TO THE 2019 MENA GREEN BUILDING AWARDS

The Annual Awards program, since its launch in 2013, has been honouring organisations that exhibit evident implementation of sustainable design, construction and/or operation of building structures. The ultimate objective of the Awards is to help establish a regional model for the built environment that is world-class and replicable. First launched as the Annual EmiratesGBC Awards, the program was rebranded in 2017 to the 'MENA Green Building Awards'



accommodate and celebrate the accomplishments of projects and organisations across the scope of the MENA region. The **2019 MENA Green Building Awards** recognised organisations in the region for their innovative and outstanding sustainable building principles and practices. The MENA Green Building Awards have become one of the largest gatherings of industry professionals and researchers who are focused on promoting sustainable built environments.

The **2019 MENA Green Building Awards** was organized by Emirates Green Building Council and endorsed by World Green Building Council and in partnership with six MENA Green Building Councils: Jordan Green Building Council, Lebanon Green Building Council, Palestine Green Building Council, Egypt Green Building Council, Morocco Green Building Council and Kuwait Green Building Council. Those partnerships provided a deeper reach to organisations beyond the UAE borders and offered wider exposure of regional projects and achievements that showcase best practices of sustainability in the region.

The honours were presented in 16 professional categories in addition to the Dr. Owainati Student Excellence Award. And for the third consecutive year, the awards ceremony was a **carbonneutral event**.



Winning organisations as well as short-listed ones have been acknowledged and awarded during the 2019 MENA Green Building Awards Ceremony and Gala Dinner that took place on Wednesday 16 October 2019 at The Westin Hotel in Dubai.

Emirates Green Building Council would like to extend sincere appreciation to all who attended, supported, and made the 2019 MENA Green Building Awards a success.

### THE 2019 REVIEW AND JUDGING PROCESS

### **Processes and Progress**

In line with previous years, the Official Judges were chosen based on their extensive experience and expertise in the fields of sustainability and green buildings.

Their disciplines, ranging from academia, to the public and private sectors, equip them with the necessary background to review the numerous applications objectively and systematically.

Based on the processes in place and the Judges' feedback over the past years, it is with pride that the EmiratesGBC sees the number of applications growing each year while witnessing an improvement in the quality of submissions.

The MENA Green Building Awards have become the leading platform for the industry to recognize innovations and outstanding achievements, products, projects and researches that support the nationwide and regional vision on sustainability.

## Transparency and Lessons Learned

As part of the Awards' internal processes and in order to guarantee strict transparency and confidentiality, applicants and official judges were provided with specific guidelines outlining the 2019 Awards Terms and Conditions, in addition to details of the required information to be included with the award application submissions.

These guidelines were prepared and approved internally by EmiratesGBC and then reviewed and validated by KPMG as an external observer and auditor. They are

updated yearly in order to take into consideration all feedback received from the previous award cycles' applicants and judges. Categories are also reviewed and, when needed, refined to remain relevant to the green building industry. This year, categories were increased to 20 and awards were presented in 16 categories.

The overall process ensures that EmiratesGBC guarantees absolute confidentiality; from the Awards launch until the announcement of results during the Awards Ceremony and Gala Dinner, all parties involved in the 2019 Awards Program signed and maintained Non-Disclosure Agreements.

We continue to strive to build a stronger Awards program that reflects the progress and industry needs of the region.

# Identification of Winners and Short-listed Organisations

The identification of short-listed and winning organizations is based on the scores and comments received from the official judges. At the end of the official scoring phase, results are compiled and presented to the EmiratesGBC Awards Taskforce and KPMG for final review, recommendations and validation.

The external third-party auditor review ensures that all steps are respected as per the guidelines, terms and conditions, and that the short-listed and winning companies/projects receive the recognition they deserve.

### **MEET THE 2019 AWARDS OFFICIAL JUDGES**

**Mohammad Asfour** 

WorldGBC

Dr. Michael Schmidt

BASF, EmiratesGBC

Sarfraz Dairkee

M.A.H.Y. Khoory & Co. LLC,

**EmiratesGBC** 

Michel Abi Saab

Masdar

**Hassan Younes** 

Griffin Consultants, EmiratesGBC

Dr. Ghalib Y. Kahwaji,

Dubai Rochester Institute of Technology

(RIT)

**Professor Kheira Anissa Tabet Aoulm** 

**UAE** University

Faisal Ali Hassan Rashid,

**Dubai Supreme Council of Energy** 

Hana Alamuddin

LebanonGBC

**Karim Elgendy** 

The Carboun Initiative

Elie Matar

Regulatory and Supervisory Bureau

Dubai

**Afra Alowais** 

Sharjah Electricity and Water Authority

Salim Zid

**Dubai Municipality** 

**Nazly Asadollahpour** 

Majid Al Futtaim

**Taleed Al Khatib** 

Dubai Department of Tourism and

Commerce Marketing

Mustapha Aanzi

Johnson's Control

Wassim Al Azzeh

Khatib & Alami, EmiratesGBC

**Nada Chami** 

Saint-Gobain Construction Products

Middle East, EmiratesGBC

Eng. Hoda Anwar

**EgyptGBC** 

**Ahmad Al-Tibi** 

**JordanGBC** 

Amer Abu Shamleh

**JordanGBC** 

**Samer Al-Ratrout** 

JordanGBC

Taher Abu Al Shar

**JordanGBC** 

**Shouib Mabdeh** 

JordanGBC

**Mohamed Abdelwarith Said** 

**KuwaitGBC** 

Jaafar Sijelmassi

MoroccoGBC

Dr. Afif Agel

**PalestineGBC** 

### **MENA 2019 WINNERS**



Building Awards. These events act as impactful platforms that promote innovation and tangible action to achieve more sustainable built environments.

Sheikha Shamma bint Sultan bin Khalifa Al Nahyan Founder and CEO of Alliances for Global Sustainability (AGS)

This year's awards have set another benchmark in the remarkable strides that the Middle East and North Africa region has made in promoting sustainable built environments. The innovative approaches, new products and above all, a clear commitment to make a difference shines through in the initiatives that the winners – as well as nominations we received – have rolled out. We see this as a tangible indication of the progress achieved by the region in creating sustainable building that deliver on the vision of regional governments.

Saeed Al Abbar Emirates Green Building Council Chairman

### SUSTAINABLE BUILDING DESIGN OF THE YEAR

### THE WINNER

### Saint-Gobain Multi-Comfort House in UAE

The Saint-Gobain Multi Comfort House is a mixed-use project offering a space for exhibition, training and offices. The building is designed to an Estidama 4 pearl rating and LEED GOLD standard and will give energy savings of 47% compared to the Estidama benchmark. It is also an experience centre demonstrating the latest innovative solutions from Saint-Gobain in comfort, energy performance and aesthetics suited to hot conditions in the UAE.



Saint-Gobain representatives receiving their award

#### SHORTLISTED

### Tilal Al Ghaf Sales & Experience Centre by Majid Al Futtaim

The Tilal Al Ghaf Sales & Experience Centre is a special landmark situated in Majid Al Futtaim's flagship community. It was designed with sustainability at the forefront, incorporating large arrays of photovoltaic solar panels, making it a Net Positive building. The project is targeting a range of green building certifications including BREEAM Excellent, WELL Silver, in addition to the Zero Energy certification by International Living Future Institute.

### **ASGC Labour Accommodation** by ASGC Construction & Eco-Structures for TermoDeck

Designed to be among the first LEED certified labour accommodations the design features TermoDeck's radiant cooling and energy storage system integrates MEP and structural into a singular, efficient HVAC and building envelope innovation. This high-performance design provides healthy indoor environments whilst using locally sourced concrete and labour to reduce materials, cost and time.

# SUSTAINABLE URBAN COMMUNITY DEVELOPMENT DESIGN OF THE YEAR

### THE WINNER

### **Tilal Al Ghaf** by Majid Al Futtaim

Tilal Al Ghaf is Majid Al Futtaim's flagship mixed-use community in Dubai, offering luxury resort-like living over 3 million sqm. It features well connected high-quality villas, townhouses and apartments. It's been developed to become a global benchmark, supporting Dubai's strategic objectives in Health, Wellbeing, Happiness, Sustainability and Smart Cities, also being the first BREEAM certified community in Dubai.



Majid Al Futtaim representatives receiving their award

#### SHORTLISTED

### **Dubai Silicon Oasis** by Dubai Silicon Oasis Authority

The Saint-Gobain Multi Comfort House is a mixed-use project offering a space for exhibition, training and offices. The building is designed to an Estidama 4 pearl rating and LEED GOLD standard and will give energy savings of 47% compared to the Estidama benchmark. It is also an experience centre demonstrating the latest innovative solutions from Saint-Gobain in comfort, energy performance and aesthetics suited to hot conditions in the UAE.

# GREEN BUILDING MATERIALS/PRODUCTS OF THE YEAR

#### THE WINNER

# Carrier AquaEdge® 19DV Water-Cooled Centrifugal Chiller by Carrier Middle East Limited

The product represented is an innovation in Heating and Cooling Technology. The chiller features breakthrough technologies, Greenspeed intelligence and a low global warming potential refrigerant, which has a GWP of 1. The AquaEdge, with installations worldwide, delivers on performance, efficiency and environmental responsibility.



Carrier Middle East representatives receiving their award

### SHORTLISTED

### Hypervision platform Hubgrade 4.0 by Enova

Hubgrade is Enova's smart monitoring and reporting centre and was launched in May 2019. With more than 15,000 points monitored and analysed in real-time, Hudgrade is a one-stop shop for sustainability monitoring and reporting and revolutionizes the way clients can interact with their assets' consumption data.

### Daikin Aircooled Screw Chiller EWAD-MZ with Inverter and Variable Volume Ratio by Daikin Middle East and Africa FZE

This product is the first in the region to employ Refrigerant cooled Inverter and Variable Volume Ratio technology. It is the most reliable solution for the hot Middle East climate and optimizes the compression ratio to provide the most efficient point of chiller operation resulting in energy and operating cost savings.

# GREEN BUILDING MATERIAL/PRODUCT OF THE YEAR- INDOOR AIR QUALITY

### THE WINNER

# Carrier Airovision Air Handling Units by Carrier Middle East Limited

The recently launched AiroVisionHygienic Air Handling Units have Integrated Controls, certified by TÜV, to serve healthcare and pharmaceutical projects across the region. The units meet the needs of building occupants by maintaining high indoor environment quality requirements needed by world-class healthcare standards.



Carrier Middle East representatives receiving their award

#### SHORTLISTED

### **Spiralite Energy Saving Ductwork** by Khansaheb Industries LLC – Spiralite

Spiralite's innovative non-metallic insulated circular and flat oval HVAC ductwork generates significant energy savings in the operation of the AC, reducing the carbon footprint of the building and optimising the IEQ of the built environment.

# GREEN BUILDING MATERIAL/PRODUCT OF THE YEAR- CONVENTIONAL CONSTRUCTION MATERIALS

### THE WINNER

# **Gyproc Habito Active Air** by Saint-Gobain Gyproc Middle East

Gyproc Habito Activ'Air plasterboard is one of the most widely used construction products in the building industry. It is designed for use in Gyproc partition, lining and ceiling systems where greater levels of sound insulation, impact resistance and fixing capability is required. It is available with Activ'Air technology that improves indoor air quality by reducing 75% of the formaldehyde content from the air.



Saint-Gobain representatives receiving their award

### **SHORTLISTED**

### **Eco-friendly Precast Panels** by Nael General Contracting

Eco-friendly precast panels are used in the Delma school project. It helps in reducing carbon emissions by adding supplementary cementing materials. It is complying with the Estidama regulations as well as the LEED Minimum and Optimize Energy performance credits due to its very low U value.

# GREEN BUILDING MATERIAL/PRODUCT OF THE YEAR- WATER MANAGEMEMT

### THE WINNER

# **Drinking Water System for reducing GHG emissions** by Nael General Contracting

This innovative idea helps in the phase out of R-12 water coolers and the elimination of carbon dioxide equivalent thereby supporting the 'National Climate Change Plan of the UAE which serves as a roadmap to bolster nationwide actions for climate mitigation.



Nael General Contracting representative receiving his award

### **SHORTLISTED**

### GreenTECH wireless water technology by AQUAcell for AQUA VITA life

This product integrates different sectors to build the holistic approach towards sustainable future worldwide. Their vision is to reduce human impact on the climate, decrease CO2 levels, improve any type of water. Using GreenTech can help reduce the user's environmental footprint.

### TRAINING INITIATIVE OF THE YEAR

### THE WINNER

### **Estidama Training Program** by Department of Urban Planning and Municipalities

Estidama represents the vision to create a sustainable Abu Dhabi. One of the key-enabling components to achieving the Estidama vision is the Pearl Rating System, which was the region's first sustainability rating system designed to assess the sustainability performance of buildings throughout the project lifecycle. The unique nature of the Program requires the ongoing delivery of a comprehensive training and educational outreach program to familiarize and equip stakeholders with the necessary knowledge required to apply the Estidama Pearl Rating System requirements on applicable developments.



DUPM representatives being awarded

#### SHORTLISTED

### **Training for Sustainable ACR Applications** by the ASHRAE Global Training Center

ASHRAE's commitment to advancing the built environment is reflected in refrigerant applications work with the United Nation's Environmental Program and in making advances in district cooling with one of the region's prominent stakeholders. Their unique structure draws upon practicing engineers to deliver solutions based on research findings and best practices.

### Cundall diploma by Cundall

The Cundall Diploma is a Sustainability focused CPD certified diploma created by Cundall Sustainability global team which is offered to all Cundall staff globally. March 2019 saw the first batch of 25 graduates with over 157 enrolled ranging from Graduate Engineers and Technicians to Partners.

### **GREEN BUILDING RESEARCH AWARD**

### THE WINNER

### **An Overview of Green Buildings Potential in Palestine** by Al Quds University

Palestinians live in an extraordinary circumstance, where conserving natural resources and keeping energy for future generations is of the upmost importance. In this work, the researchers provided a review of the opportunities for the green building sector in Palestine and discussed the barriers and solutions to adopting green building as a long-term sustainable development strategy.

# BEST BUILDING OPERATIONS AND MAINTENANCE OF THE YEAR

### THE WINNER

### Operation and Maintenance of Entertainment attractions in UAE by Emaar Entertainment

Emaar's unique FM strategy blends ISO guidelines with a business excellence approach. Their sustainable FM plan includes Energy Centered Maintenance, high levels of System Availability & Reliability, Indoor Air Quality standards and Sustainability performance.



Emaar Entertainment representatives receiving their award

#### SHORTLISTED

### Abu Dhabi for Heat Recovery from Boiler Exhaust for Energy Conservation by Park Rotana & Park Arjaan

The installed economizer captures heat through the stack. This energy is utilized for preheating water for the hot water system, delivering both financial and energy savings.

### **HSBC Tower** by HSBC UAE

Built on innovation, openness and sustainability, HSBC Tower is designed to maximise opportunities for creativity and collaboration. The building is 236,000 square feet of agile workspace powered by the latest technology, innovation labs, training studios and collaboration hubs. HSBC Tower includes fitness facilities, reflection suites and upgraded catering choices.

# FACILITY MANAGEMENT ORGANISATION OF THE YEAR

### THE WINNER

### **Dubai Silicon Oasis Facility Management** by Dubai Silicon Oasis Authority

Their Operations & Facilities Department is committed to offering business value-added services to its stakeholders. Sustainability and Green building concepts have always been the priority since its establishment. They have achieved several awards including 3 LEED Platinum certifications and 1 LEED EARTH Certificate among many others. Through their services they have supported several entities to benchmark on fields related to smart technologies such as: Al based Integrated building management systems, smart waste management, and smart street lighting.



Dubai Silicon Oasis Authority representative being awarded

### **SHORTLISTED**

#### ADEEB GROUP

Adeeb Group headquartered in Abu Dhabi, has successfully delivered more than 25 years of services and proud to be one of the leading players in the Facilities Management and MEP Industry. They have been certified and awarded with both IMS and ISO standards for Facilities Management from TUV, TQM and won the Sheikh Khalifa Excellence Award Silver Grade for their Quality, HSE and Management Systems.

### CONTRACTOR OF THE YEAR

### THE WINNER

### **Multiplex Constructions L.L.C.**

Multiplex has a long history of success in the Middle East with the construction of many iconic and landmark projects in the region. Multiplex has strong experience with LEED, Estidama and Dubai Green Building Regulations, having successfully delivered over 15 sustainability-rated projects. The company also focuses on social sustainability and responsible construction; and has implemented а pioneering welfare management system to promote best practices and drive innovation.



Multiplex Constructions L.L.C. representative being awarded

#### SHORTLISTED

### **Consolidated Contractors Company (CCC)**

CCC recognize that long-term success is directly linked with the existence of a prosperous global society and a greener environment. Their application demonstrated their commitment to maintaining policies to conduct business within a sustainable framework. They incorporate sustainability values into strategic planning, training, and stakeholder engagement as well as implementing sustainability measures into projects that mitigate environmental impacts and promote energy efficiency, water conservation, and efficient waste management.

### **Roberts Constructions LLC**

Roberts Constructions challenge themselves and all project stakeholders by offering up initiatives that can help account for reductions in preventable waste. As information technology improves at a rapid rate, they continue to explore opportunities where they can align the construction industry with sustainable solutions that are not only environmentally friendly but also offer up a better way of doing things for their Clients.

### **DEVELOPER OF THE YEAR**

#### THE WINNER

### **Dubai Silicon Oasis Authority**

Dubai Silicon Oasis is a technology park located in the city of Dubai, demonstrating high green standards on project sites. The master developer facilitates and mandates sustainable development promoting modern technology, electronic innovation, design and development for establishing a sustainable model that offers an environment-friendly location for business partners, residents and visitors.



Dubai Silicon Oasis Authority representative being awarded

### **SHORTLISTED**

### **Binghatti Developers**

Binghatti Developers is a property developer headquartered in Dubai. The dynamic company offers iconic properties that feature sustainable developments, innovative ground-breaking architectural designs, world class materials, and unrivalled lifestyle amenities in compliance with the national and international regulations and codes.

### RETROFIT PROJECT OF THE YEAR

### THE WINNER

### JAFZA Building Retrofit Project by Al Etihad Energy Services Company

Etihad ESCO delivered guaranteed energy savings for 157 JAFZA buildings through its energy retrofit program. Utility costs are the second largest expense for JAFZA. With the power and water consumption level in JAFZA was over 94 million kWh and 553 million IG per year respectively. Etihad were able to achieve 30% savings on the electricity and water consumption across the 157 buildings, making of this project the largest ESPC ever signed in the ME.



Al Etihad Energy Services Company representatives receiving their award

### SHORTLISTED

### **Demand Base HVAC Controls** by Siemens

This office building energy optimization involved Siemens designing and implementing Energy Conservation Measures to optimize the HVAC equipment for the facility, specifically focusing on demand-based control strategies. After project execution, the targeted savings for the 1st year was overachieved within only 11 months.

# Mirdif City Center project: Energy Efficiency Enhancement of YORK YK MV VSD Chillers by Johnson Controls Air Conditioning and Refrigeration

Mirdif City Center in partnership with Johnson Controls, invested in the energy efficiency improvement program. As a major step in this direction, the existing Constant Speed YORK Medium Voltage YK Chillers were retrofitted to Variable Speed Drive Chillers which will result in annual energy savings of over 3 thousand MWh and reduction in Carbon emission by approximately 2 thousand tonnes of equivalent CO2 emissions.

### **GREEN COMMERCIAL BUILDING OF THE YEAR**

### THE WINNER

### Izzat Marji Group Headquarter green building by Izzat Marji & Sons

Located in Jordan the Izzat Marji Group HQ building features innovative renewable energy and energy efficiency systems and is PLATINUM LEED certified. The building was the National winner for the Energy Globe Award for Jordan and Winner of the Association of Energy Engineers AEE's Innovative Energy Project of the Year Award for 2019 / Middle East Region.



Izzat Marji & Sons representative being awarded

### **GREEN SCHOOL OF THE YEAR**

### THE WINNER

### **Dubai American Academy** by Eco-Structures

GEMS flagship Dubai American Academy is the only American curriculum school rated Outstanding in Dubai. Staff and students across its campus experience healthier indoor air and comfort in this low energy, high performance building constructed with TermoDeck's thermal storage radiant cooling system.



Eco-Structures representative being awarded

### SHORTLISTED

### **Delma School submitted** by Nael General Contracting

The Abu Dhabi Department of Education and Knowledge (ADEK) Delma School is located in Delma Island in the Emirate of Abu Dhabi. Delma school is the result of an integrated process in which ambitious energy and water conservation targets were set, met and ultimately exceeded through a multidisciplinary approach to the building envelope, mechanical, electrical and plumbing system.

# ZERO BUILDING/ BUILDING DESIGN OF THE YEAR

### THE WINNER

### Tilal Al Ghaf Sales & Experience Centre by Majid Al Futtaim

The Tilal Al Ghaf Sales & Experience Center is a special landmark situated in Majid Al Futtaim's flagship community. It was designed with sustainability at the forefront, incorporating large arrays of photovoltaic solar panels, making it a Net Positive building. The project is targeting a range of green building certifications including BREEAM Excellent, WELL Silver, in addition to the Zero Energy certification by ILFI.



Majid Al Futtaim representatives being awarded

### **SHORTLISTED**

### Dubai Silicon Oasis Smart Masjid by Dubai Silicon Oasis Authority

DSO Smart Masjid (Mosque) project, is an innovative and smart public building demonstrating unparalleled excellence in terms of design, construction site management, energy efficiency, priority of onsite generation, health and wellbeing, water and waste management as well as highest green standards. This project is the first public building in the UAE that operates completely on renewable energy including the air conditioning. The project is also generating revenue through DEWA grid connection.

# MEET THE 2019 STUDENT EXCELLENCE AWARD OFFICIAL JUDGES

**Jeff Willis** 

Arup

Sanjeev Coelho

HOK

**Toufik Jabbour** 

**ATKINS** 

# 2019 DR. OWAINATI STUDENT EXCELLENCE AWARD

### THE WINNER

Centralized Peer-to-Peer Energy
Markets Utilizing Blockchain and
Smart Contracts to Comply with
Dubai's Energy Regulation
Requirements by Mohamed Elimam,
Rochester Institute of Technology –
Dubai

This research analyses and inspects the parameters to establish a centralized trading platform utilizing Blockchain and Smart Contract technologies in the UAE. The main aim is to prose the better solutions for the Dubai energy market which are not only favourable for the people but for the government and environment as well. The project has addressed the increasing volume of distributed solar power transaction information in Dubai while considering specificities of the regulatory, technical and economic environment of the Emirate of Dubai.



Mohamed Elimam receives his Dr. Owainati Student Excellence Award

### SHORTLISTED

### Feasibility Study of Retrofitting Schools using Green Building Rating Systems by Basel El Kapery, American University Dubai

The research categorizes a school sample into groups to determine the needed approach for greening each school category. Different parameters were investigated as part of this study including age, project location, structure design specifications, and school size. The study presents the potential financial benefits of schools green retrofitting in Dubai; both qualitative and quantitative data. As well as statistical financial analysis on the cost of an investment and the projected short- and long-term economic and environmental benefits were studied to further analyse the significance of the established data.

### **Expandable Modular Sustainable House** by Bashayer Alnaqbi, UAE University

The project aims to develop a suggested design for a modular sustainable house adaptable in size to meet the fluctuating residents' needs throughout the years. The construction problem stated in this project demands intensive research on advanced construction strategies to achieve flexibility and sustainability of the house with minimum effort, energy, cost, time and waste. Guidelines of the competition, codes and regulations represent a benchmark followed and reached through the project.



ZUTO MILIAN OFFIT DUMUMNY AWARUS



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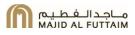
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### **Special Thanks**

Emirates Green Building Council would like to extend a special thanks to the Platinum Partner and Category Sponsors who contributed in making the 2019 Awards Program a great success:

**Platinum Partner** 









Emirates Green Building Council would also like to extend its gratitude to KPMG for serving as the official external auditor of the Awards Program for the seventh consecutive year.



Emirates Green Building Council would also like to thank all those who contributed to the success of the 2019 MENA Green Building Awards Ceremony and Gala Dinner:

**Guest of Honour:** Sheikha Shamma bint Sultan bin Khalifa Al

Nayhan

Office team: Lora Shrake, Lynsey Crerar, Jason John, Majd Fayyad, Jinan Al Hajjar, Adelita Cortenias

and Anfal Alabdullah

EmiratesGBC Management Committee: Saeed Al Abbar, Habiba Al Marashi, Khaled Bushnaq, and Sarfraz Dairkee Awards Ceremony and Gala

**Dinner Emcees:** Noura

Alhammadi and Sarah Alzarouni

GBC Partners: WorldGBC, LebanonGBC,

JordanGBC, PalestineGBC, KuwaitGBC, EgyptGBC, MoroccoGBC

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The Emirates Green Building Council was formed in 2006 with the goal of advancing green building principles for protecting environment and ensuring sustainability in the United Arab Emirates.

#### Contact us



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