



Celebrating Green Building Achievements, Rewarding Excellence

Wednesday 17 May 2017
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Welcome to the 2017 MENA Green Building Awards

Since its 2013 launch, the EmiratesGBC Awards have been honoring organizations that demonstrate clear implementation of sustainable design, construction and/or operation of building structures. The Awards Program's ultimate goal is to help establish a regional model for the built environment that is world-class and replicable. Further to the Awards' success, in 2016, EmiratesGBC announced that the awards will be rebranded as MENA Green Building Awards from 2017 to celebrate the accomplishments of MENA-wide country projects. This year and under its new brand name the 2017 MENA Green Building Awards recognised organisations in the region for their innovative and outstanding sustainable building principles and practices, the Awards are set to become one of the largest gatherings of industry professionals and researchers who are focused on promoting sustainable built environments. This year and for the first time in the event's five years' history, the awards ceremony was a carbon-neutral event.

The MENA Green Building Awards 2017 was supported by the World Green Building Council and organised in partnership with the Jordan Green Building Council and Lebanon Green Building Council. The honours were presented in 14 professional categories in addition to the Dr. Owainati Student Excellence Award specifically to a student from a recognised university in the UAE who has conducted exceptional research work in a subject related to green buildings in the Middle East.

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From left to right: Ms. Mehreen Shah, AkzoNobel with Saeed Al Abbar, EmiratesGBC

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From left to right: Mr. Marcus Truscott, Multiplex with Saeed Al Abbar, EmiratesGBC

2017 Awards Official Auditor



Opening of the Awards Ceremony

2017 was the fifth year of the Annual Awards program facilitated by Emirates Green Building Council, and to mark the occasion and better reflect the regional nature of the Awards, 2017 brought with it the rebranding of the program as the **MENA Green Building Awards**. Along with the support from the World Green Building Council and the active involvement of other Green Building Councils in the MENA Region, this year's MENA Green Building Awards received the highest number of applications thus far and witnessed an increasingly higher quality of applicants from previous years.



**WORLD
GREEN
BUILDING
COUNCIL**

The Green Building Council partnerships provided a deeper reach to organizations beyond the UAE borders and exposure of regional projects and achievements that are showcasing sustainability best practices in the region.



Left: Mr. Saeed Al Abbar, EmiratesGBC Chairperson

Right: Mr. Lee Siang Tai, WorldGBC Chairperson

Opening Words

Saeed Al Abbar, EmiratesGBC Chairman, kicked off the 2017 MENA Green Building Awards Ceremony and Gala Dinner by thanking all participants, applicants, judges and auditors for their commitment towards sustainability in the UAE and the region's built environment. This fifth Awards cycle under the new regional branding has seen the number and geographic spread of applications improve, largely due to the increase in category options which displays a palpable expansion in the industry's activities and the clear dedication presented by applicants to highlight their achievements amongst industry peers. Saeed's remarks were followed by Lee Siang Tai, WorldGBC Chairperson who commended the efforts and achievements of the finalists. He reminded the audience of the importance of such award programs regionally and globally to share innovations and stimulate a healthy competition and our role as individuals on how we can help promote sustainability in our daily lives.

The 2017 Review and Judging Process

Processes and Progress

In line with the first four consecutive Annual EmiratesGBC Awards programs since 2013, the Official Judges were chosen based on their extensive experience and expertise in the fields of sustainability and green buildings.

Their disciplines, which range across academia and the public and private sectors, equipped them with the necessary background to review the numerous applications objectively and methodically.

Based on the processes in place and the Judges' feedback over the past years, it is with pride that EmiratesGBC sees the number of applications growing each year, and to witness 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 research that are supporting the national 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 2017 Awards Terms and Conditions and details of the required information to be included with award application submissions.

These guidelines were prepared and approved internally by EmiratesGBC and then reviewed and validated by KPMG as external observer and auditor. Each year, they are updated 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 continuous process allows EmiratesGBC to



Official Judges of the 2017 MENA Green Building Awards.

build a stronger Awards program which reflects the progress and industry needs of the region.

To guarantee absolute confidentiality, from the Awards launch until results are announced during the Awards Ceremony and Gala Dinner, all parties involved in the 2017 Awards Program signed and maintained Non-Disclosure Agreements.

Identification of Winners and Short-listed Organizations

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.

This 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 2017 Awards Official Judges



Michael Schmidt
Head of Development
BASF Construction
Chemicals UAE



Sarfraz Dairkee
General Manager
Corporate
Development &
Engineering
M.A.H.Y KHOORY &
CO. L.L.C.



**Dr. Ismael Al-
Hinti**
Jordan Green
Building Council



Hana Alamuddin
Board Member
Lebanon Green
Building Council



Mohammad Asfour
Chairman
JordanGBC and
WorldGBC MENA
Regional Network



Dr. Ghalib Y. Kahwaji
Professor of
Mechanical
Engineering
Division Chair
Rochester Institute of
Technology in Dubai

Meet the 2017 Awards Official Judges



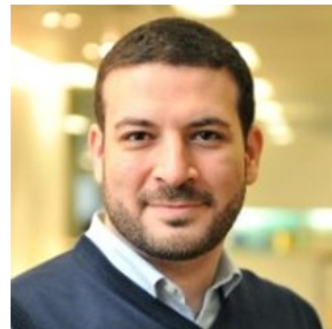
Faisal Ali Hassan Rashid
Director – Demand Side Management
Dubai Supreme Council of Energy



Eng. Salim Mhammad Zid, Senior Building Services Engineer, Dubai Municipality



Hassan Younes
Technical Director & Partner
Griffin Consultants



Karim Elgendy, Founder, Architect, and Sustainability Consultant
The Carboun Initiative & Dar Al-Handasah



Prof. Bassam Abdel-Karim Abu-Hijleh
Dean & Atkins Chair
Head of Sustainability MSc & PhD Programs
Faculty of Engineering & IT; the British University in Dubai



Kheira Anissa Tabet Aoul - Professor
Department of Architectural Engineering, College of Engineering, United Arab Emirates University



Networking Reception prior to the Gala Dinner

Green Facility Management Organization of the Year

The Winner

EMAAR & CBFA JV Partnering Innovation

Emaar developed its FM strategy to create a unique first time in industry goal of combining high energy efficiency with maintaining equipment reliability. The organization believes that Reliability Centred Maintenance and Energy Centred Maintenance will change the paradigm of facility maintenance and management. And intends to optimize Sustainability with Operational excellence.



Award presented by Sarfraz Dairkee (Middle), Secretary of EmiratesGBC Board of Directors

Short-Listed

Green Facility Management Organization of the Year



Adeeb Group

With more than two decades of experience, Adeeb holds Integrated Management System (IMS), TQM and the Sheikh Khalifa Excellence Award (SKEA 2015) in Silver Grade for Quality, HSE and Management Systems and for Service Excellence. Major Clients are ADNOC, CMW, ADCP, ADNP, FGP, US Embassy.



Part of



Mayar Facilities Management LLC

Mayar specializes in building sustainable communities for the people who work hard in building and maintaining infrastructures. The organization is built to provide real world seamless solutions, not just services, such as: lasing management, procurement, customer care, cleaning, catering, maintenance, and others. Their portfolio includes staff accommodation communities, commercial and residential properties.

Green Building Research of the Year

The Winner

Consulting Engineering Office for Third Working Spaces as Means to Improve Comfort in Office Buildings in the UAE

The research aims to mitigate 'thermal shock' through means of exploring the potential of transitional spaces to increase energy savings.



These optimized spaces serve the occupants functionally, socially, economically and environmentally, enhancing the overall occupant comfort. Easily adaptable and relevant to the current market demand, these can be easily incorporated to new as well as existing buildings.



Award presented by Mohammed Asfour (Left), WorldGBC MENA Regional Network Manager.

Short-Listed

Green Building Research of the Year



Kingspan Insulation LLC for The Real Value of Improving U-values

The research examined the potential impact of improving U-value specifications, over and above local requirements, on the energy savings, carbon emission reductions and subsequent Return on Investment in non-domestic and domestic buildings in 5 locations across the Middle East – Dubai, Abu Dhabi, Doha, Muscat and Riyadh.

The Real Value of Improving U-values

www.kingspaninsulation.ae/u-valuebenefits



RAK Research and Innovation Center, American University of Ras Al Khaimah

This 3-Year research project on high solar reflective index materials endeavours to determine the rate of degradation of radioactive properties (Reflectance, Thermal Emittance). Moreover, it evaluates the potential of energy savings after a long term natural outdoor exposure.

Developer of the Year

The Winner

Majid Al Futtaim

Sustainability is at the heart of Majid Al Futtaim. They aim to lead in the Middle East and be recognised as global leaders by applying best practices within their operations. In doing so, they hope to transform the economic and social development of the region.

As the majority of their sustainability impact comes from the Properties business unit, their sustainability journey began in this part of the business in 2014. However, acknowledging the positive influence of their sustainability work to date and the importance of private companies to contribute to a better and healthier world, in 2017 they are expanding their sustainability ambitions across the Group through Net Positive commitments.



Award presented by Hana Alumuddin (3rd from right) from Lebanon Green Building Council.

Short-Listed
Developer of the Year



Diamond Developers

Diamond Developers has embraced a new development model which is aligned with the Paris Agreement. Their flagship product is “The Sustainable City” in Dubai, a living lab for deploying best practices in the industry. Using 10MWp of solar energy, this Net Zero Energy Development recycles water and waste, promotes clean mobility, and provides a unique and healthy lifestyle.

Contractor of the Year

The Winner

Consolidated Contractors Company (CCC)

As a contractor, CCC maintains policies that solidify their commitment to conduct business within a sustainable framework. CCC Embeds sustainability values into strategic planning, training and stakeholder engagement.

Moreover, CCC holds a strong track record in the execution of green building projects. They also mitigate environmental impacts by applying initiatives for energy efficiency, water conservation and waste management.



Award presented by Abdulla Bdier (Left), Jordan Green Building Council.

Short-Listed Contractor of the Year



ALEC

ALEC has consistently evolved and grown since its inception in 1999 to become a preferred contractor for the execution of major, complex construction projects with a turnover of \$1bn. ALEC is a progressive company who are solution driven and business focused to deliver projects on time, to excellent standards of quality. The developments which ALEC have delivered to key clients have become significant landmarks in the UAE and have been recognised internationally for LEED GOLD, ESTIDAMA and Sustainability awards.

MULTIPLYX Multiplex Construction LLC

Over the last two decades, Multiplex has been responsible for the design and construction of some of the most iconic and sustainable buildings in the Middle East. Multiplex, as an industry leader, innovates to deliver best practice solutions and delivers the highest quality end-product to create environmental, social and financial value for our clients and the communities in which we operate.

Green Building Material/Product of the Year: Energy Management

The Winner

Daikin Middle East and Africa for Daikin inverter R32 Split

Daikin inverter split unit is based on R32 Refrigerant which has Zero ODP & 75% Less GWP (560 only) than widely used R410a splits. This reduces 80% Equivalent CO2 emissions in comparison. Daikin Inverter was the first choice for a Large ESCO project in Dubai due to superior energy efficiency where it replaced 5000 window AC units with ROI of less than 3 years. Daikin Inverter splits are specially designed for high ambient with special air intake top protected PCBs.



Award presented by Eng. Faisal Rashid (Right), Director, Demand Side Management, Dubai Supreme Council of Energy.

Short-Listed

Green Building Material/Product of the Year

Energy Management



Daikin Middle East and Africa

Daikin VRV IV

Daikin VRV IV has set a new standard for energy efficiency by introducing the revolutionary function of "Variable Refrigerant Temperature" (VRT) adding 28% extra saving compared to normal VRF or non-VRT mode. Daikin VRV IV has coupled with unique features such as Refrigerant Cooled PCB, 3 layer proofs SMT coating on PCBs and all inverter new Compressor with 35 patents. Daikin VRV IV once again set a new trend by connecting FAHU (fresh air) to the same VRV outdoor used with indoor thus eliminating the need for dedicated condenser for FAHU.



BASF Construction Chemicals UAE LLC

for MasterSeal AWB Air and Water Barriers (formerly Enershield)

MasterSeal AWB air/water vapor barriers utilize high-quality elastomeric polymers for enhanced insulation, durability and significant reduction of energy costs of buildings. Fire resistant systems designed for use behind all claddings, creating seamless air/water-resistive barriers and flashing systems for all walls on a given project.

Green Building Material/Product of the Year: Indoor Air Quality

The Winner

Synergy United for Edmonds EcoPower Hybrid Ventilator

The Edmonds EcoPower Hybrid Ventilator is a new hybrid category of ventilation products which is capable of ensuring IAQ at best specific performance ($\text{m}^3/\text{hr}/\text{W}$) ever recorded. It has the capacity to operate in pure natural mode, with no energy usage, or at much higher exhaust rates, combining natural and mechanical



The Hybrid Ventilator is a virtually noise-free operation and has a maintenance-free life of 15 years.



Award presented by Ali Ahmed Elian (Left), Head of Engineering Materials Laboratory Section, Dubai central Laboratory.

Green Building Material/Product of the Year: Conventional Construction Materials

The Winner

Al Dhafra Recycling Industries in partnership with Center of Waste Management Abu Dhabi TADWEER for Recycled crushed aggregates.



In partnership with Tadweer, ADRI is one of the pioneers in the region producing recycled crushed aggregates out of construction and demolition waste. ADRI's main goal is to save the natural resources and to operate the three R's (reduce, reuse, recycle) in construction and building materials. ADRI achieved proven records of successful application on prestigious projects over the last 7 years.

Tadweer is the leading provider of comprehensive waste and environmental services in the UAE. Tadweer's vision is to create a quality environment through dedicated leadership and educational partnership to reduce wastage, while promoting recycling and resource conservation.



Award presented by Salem Al Qassimi (Middle), Product Conformity Council.

Sustainable Design of the Year

The Winner

Neighborhood One Residences Phase 1, Multiplex and Woods Bagot

Neighbourhood One Residences is a world class residential development that will be among the lowest carbon, most energy efficient and sustainable residential communities in the UAE when completed in 2017. Located at the north side of Masdar City overlooking the Masdar Institute of Science and Technology, the residential development comprises 425 two-bedroom and 75 one-bedroom apartments within 11 low rise buildings. Advanced construction techniques, including an airtight building 'envelope' featuring high-performance insulation, solar water heaters, structural precast concrete systems, prefabricated kitchens/bathrooms pods, prefabricated MEP modules, and regionally.



sourced materials complement passive and intelligent design features to achieve a dual Estidama PBRs 03 Pearl rating and LEED V3.0 Platinum rating. The Neighbourhood One Residences development design has been driven with a desire to conserve energy, minimize water consumption, balanced with a vision to promote walk ability, minimize the use of high-embodied-energy materials and create an attractive, liveable and inspiring environment for their occupants.



Award presented by Saeed Al Abbar (Middle), Chairperson of EmiratesGBC and Director of AESG

Short-Listed

Sustainable Design of the Year



New Ducab Headquarters, Ramboll

This project is a model office building designed for LEED Gold and Al Sa'fat Silver by EDP Architects and Ramboll. The success of the project's holistically sustainable design is attributed to the integrated design process followed from project inception. The design is context driven, maximizing the use of natural resources and increasing occupant wellbeing.



Royal Herbs El Bahariya Farm Headquarter by ECONSULT

The Royal Herbs El Bahariya Farm Headquarter brings innovation to remote area which focuses first on green occupancy and community. The Headquarter creates a liveable patio-centered settlement with a contemporary edge interpreted with local materials. The building uses passive techniques, insulation and low tech materials to achieve the first Egypt GBC Tarsheed certification.

Retrofit Project of the Year

The Winner

Taka Solutions for The Fairmont Palm Hotel & Resort - Guaranteed Savings Energy Performance

Contract

Taka Solution is committed to save 3.6 Million AED in energy spending over 3 years, which increases the Hotels' net positive cash flow by 1.2 Million AED per year. Improved visitors' comfort was created by adjusting operations to occupancy and actual needs for electricity and water. Taka solution reduced the Hotels' fixed expenditure over the long term, ultimately increasing the total asset value.



Award presented by Mehreen Shah (Middle), Regional Marketing and Communications manager for Middle East Performance & Performance Coatings Africa, AkzoNobel, and the awards Gold Sponsor.

Short-Listed

Retrofit Project of the Year



Siemens LLC for Siemens Demand Flow Solution for American Hospital Energy Optimization

Siemens Demand Flow TM is a patented and proven water cooled chilled water plant optimization technology. The solution has helped save 26% on the energy consumption for American Hospital Dubai for 2016. Siemens also implements a cloud-based data management platform, NAVIGATOR, designed to help customers optimize the performance of buildings and have a transparency and visualization on energy consumption in a smart way.



LIBERTY INVESTMENT CO. LLC for LIBERTY AUTOMOBILES RETROFIT PROJECT



This is a "Zero budget retrofit project", as Investment was recovered within 8.3 months and it represents the best business case, as more than 140% annual return has been confirmed by a third party. Till date, more than Two Million Kilograms of CO2 has been reduced through energy & water savings.

Best Operations & Maintenance (Existing Buildings)

The Winner

EMAAR & CBFA jv - Operational & Sustainability Practices at The Dubai Mall

Emaar's world class FM strategy implemented a Reliability Centred Maintenance approach in conjunction with an Energy Centred Maintenance methodology. The development of robust HSEQ management systems and an energy management process. Adopting ISO50001 for balancing operations with environmental impact reduction. EMAAR & CBFA jv achieved a cost saving in operations, energy and recognition in waste management.



Award presented by Marcus Truscott (Right), Managing Director of Multiplex, silver sponsor of the awards.

Short-Listed

Retrofit Project of the Year



City Centre Mirdif by Majid Al Futtaim

Majid Al Futtaim is determined to transform the perception that only new built assets can be sustainable and especially in challenging environments like the Middle East. They aim for all their existing building management and operations embrace the principles and targets of LEED and Green Buildings. The greatest testimony to this is for a complex property such as City Centre Mirdif attaining an internationally accredited certification (LEED EBOM - Gold) that is not presented in the United Arab Emirates, while being the largest malls in the world to achieve this accolade at the time.



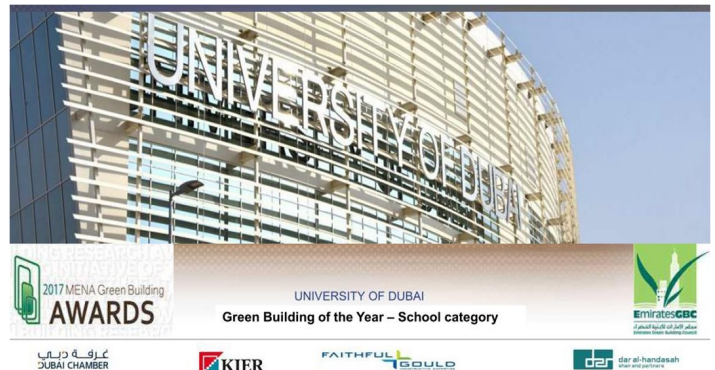
Operation and Maintenance of Entertainment attractions in UAE by Emaar Entertainment

Emaar Entertainment's Unique FM strategy blends ISO 55001 guidelines with a business excellence approach. Emaar Entertainment also includes a sustainable FM plan including Energy Centred Maintenance. High levels of System Availability/Reliability, Indoor Air Quality standards and Sustainability performance (Reduction in utilities consumption and carbon footprint) can be found.

Green Building of the Year: Green Schools

The Winner

**University of Dubai, submitted by
KIER DUBAI LLC**



The project is a best practice example of an educational institution constructed to the highest green building standards that has achieved LEED Gold for New Construction. The planning, construction and delivery of this construction occurred smoothly, on budget, on-time, and exceeded its sustainability targets due to the exemplary collaboration of the client, PMC, consultant and contractor.

The sustainability targets delivered, including exceeding the LEED silver target by achieving LEED gold, were achieved at no extra cost since they were built in early in the planning phase of the project, proving that highly sustainable campuses don't need to cost more in our region and indeed, cost a lot less over time.



Award presented by Abdulrahman Nassir (Middle), Executive Director of Business support, Knowledge and Human Development Authority (KHDA).

Short-Listed

Green School of the Year

The Arcadia Preparatory School, submitted by Godwin Austen Johnson

From the outset, the client's aspiration was clear; to create a school that would be one of the eco-friendliest in the region and set a benchmark in sustainable design, construction and operation. The school is now LEED (Leadership in Energy and Environmental Design) certified.



Green Building of the Year: Residential Building

The Winner

The Sustainable Autonomous House by Mohammed Bin Rashid Space Centre

The Sustainable Autonomous House that engineers at MBRSC have created is considered the first of its kind in the region. The autonomous house has been developed with the envelope deliberately designed with engineered wood structure, wool insulation and triple glazing windows to ensure minimal thermal loss. The house is fully dependable on the solar panels and uses 75% less energy than any other house in the United Arab Emirates. The passive house institute has accredited it as the first successful passive house in the gulf.



Award presented by Lora Shrake (Middle), Operations Director, Emirates Green Building Council.

Short-Listed Retrofit Project of the Year

NAGEEB (National Action for Green Energy Efficient Building) Program, The Green Pact



Located in Lebanon NAGEEB is a collaborative sustainable housing program which empowers local communities to build totally autonomous houses with high efficiency in both water and energy. The program ensures also the preservation of architectural heritage and the reduction of environmental impact.

Short-Listed Retrofit Project of the Year

Al Zahia Residential - Phase 2, Majid Al Futtaim



Al Zahia is a landmark development in Sharjah, combining international standards of living with the emirate's deep-rooted family, community and cultural values. Some of Al Zahia's initiative for Phase II include minimising energy consumption through design, such as improved performance of the building envelope as well as maximising the use of natural day lighting and ventilation. Moreover, Al Zahia encourages adequate protection of exposed elements of the building and landscape, to minimise the frequency of replacement and maximising Materials optimisation. Al Zahia is designed to minimise water demand through efficient fixtures and protects existing natural habitats, minimising and mitigating impact on existing habitats. Finally, Al Zahia ensures that transport and movement strategies reduce the impact of the development on the existing transport infrastructure.

Green Building of the Year: Hotel

The Winner

The Hilton Garden Inn Dubai, Mall of the Emirates by Majid Al Futtaim

The Hilton Garden Inn Dubai, Mall of the Emirates, owned by Majid Al Futtaim and managed by Hilton Worldwide, is a testament to Majid Al Futtaim's dedication to sustainable development. The hotel is a LEED Gold project with the highest LEED certifications points for any hotel in the UAE, the project was designed, constructed and opened for business as



All aspects of the project- from design to development and construction were underpinned by sustainability- from locally produced, recyclable building materials and use of solar thermal collectors for hot water; to best management practices in dust control, noise pollution to uphold quality and ensure the highest health, safety and sustainability standards.



Award presented by Mr. Solaiman al Rifai (Left) from Dubai Tourism.

Green Building of the Year: Green Commercial Building

The Winner

Cleveland Clinic Abu Dhabi

Cleveland Clinic Abu Dhabi is the first LEED Gold certified hospital in the region under New Construction and Major Renovation category for excellence in design, construction site management, and green standards; The clinic uses a forward thinking approach to sustainability to support Abu Dhabi's future. Moreover, the team is committed to socially-responsible practices and high sustainability performance in international, regional and national targets and standards.



Award presented by Mr. Lee Siang Tai (Middle), WorldGBC Chairperson.

Short-Listed

Retrofit Project of the Year



ADNOC New Corporate HQ by HOK

The New ADNOC Corporate HQ embodies a “less is more” philosophy. It’s simple, classic form serves as a recognizable focal point for people travelling to and from the city. The work place is designed to inspire creativity, teamwork and critical thinking. Several sustainable features have been built into the design which helped the project attain LEED Gold certification.



My City Centre Al Barsha by Majid Al Futtaim

My City Centre incorporates an insulation which is well beyond legal requirements on exterior walls and on the roof. Majid Al Futtaim build shading elements for most south facing windows, and a wadi-type landscaping scheme with local, low water consuming plants. The car park shading is covered with PV cells and includes designated low emitting cars and mother & baby parking in priority locations. All water required for irrigation is provided by STP plant treating washroom sewage water. Majid Al Futtaim also made sure that natural light shines through the mall corridor and in offices which gives the City Center the recognized LEED Platinum rating.





2017 MENA Green Building Awards





Meet the 2017 Dr. Owainati Student Excellence Award Official Judges



Jeffrey Willis
Associate Director
ARUP Gulf Ltd



Farah Naz
Associate
Sustainability
Consultant
BuroHappold
Engineering



Sanjeev Coelho
Project Manager
HOK



Simone El Henoud
Business
Development
Manager MEA
The DOW Chemical
Company

Academic Partnerships

For the fourth consecutive year, the Dr. Owainati Student Excellence Award has recognized and rewarded the work of a UAE registered student in the field of green building, design and engineering. Throughout the years, EmiratesGBC has developed strong partnerships with local universities. This year and for the first time, we facilitated a Student Forum allowing UAE students to discuss with EmiratesGBC members the best ways to develop their skills, prepare for their final research papers and position themselves strategically as future professionals of the green building industry. The Forum also highlighted and encouraged students to apply for the Dr. Owainati Student Excellence Award.

Dr. Owainati Student Excellence Award

The Winner

Enas Alkhateeb from the British University in Dubai for Potentials of Retrofitting the Federal Building in the UAE to Net Zero Electricity Cost Buildings.

The Potentials of Retrofitting the Federal Building in the UAE to Net Zero Electricity Cost Buildings is a significant study based on a real case building in which a range of potential retrofit measures were assessed including the new initiative of grid connection. Transferring the federal and governmental buildings to net zero electricity cost buildings is doable, which sets an example for the remaining building sector in the UAE.



Award presented by Bjorn Kjerfve, Chancellor of the American University of Sharjah.

Short-Listed

Dr. Owainati Student Excellence Award



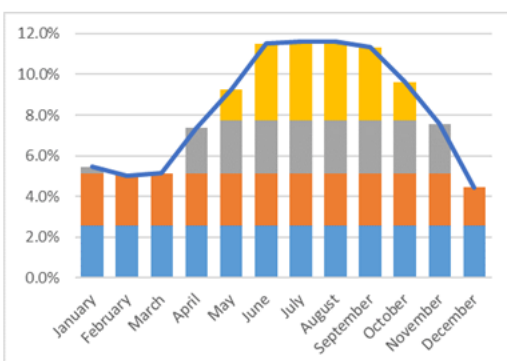
Borhan Torkfar, from Rochester Institute of Technology Dubai for Feasibility of Using Solar Thermal Systems for power generation in Residential Building in Shiraz and Dubai.

The study demonstrates the feasibility of using solar thermal systems for power generation in residential buildings in Shiraz and Dubai. The research is indicative of the benefits of solar systems in energy, economic & environmental savings.

R·I·T
Dubai

Rawad Raidan from Rochester Institute of Technology Dubai for Approaching a Design Tool for Dubai villas with on-grid solar PV.

The project aims to provide a simple design tool that allows the potential new PV system owner in Dubai to predict the annual yield, gross savings, and the system size upper limit, within the current slab tariff rates and the net metering effect. This work forms the basis of the design tool by articulating normalized average solar yield factors for a variety of solar panel models.



2017 saw the Awards program rebranded for the first time as the **MENA Green Building Awards**, supported by World Green Building Council, LebanonGBC and JordanGBC, giving greater reach and exposure of the Awards across the region. We look forward to another successful year in 2018.



Green Building Council Partners of the 2017 MENA Green Building Awards



The award categories for the 2018 MENA Green Building Awards and the modalities to apply will be available on the EmiratesGBC website and on social media.

Sponsorship opportunities are also open.

Keep yourself posted and do not hesitate to contact EmiratesGBC if you have any questions. awards@emiratesgbc.org

Special Thanks

Emirates Green Building Council would like to thank the Sponsors who contributed in making this 2017 Awards Program a great success:

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MULTIPLEX

Emirates Green Building Council would also like to extend its gratitude to its corporate member and external auditor KPMG which for the fifth consecutive year has officially audited the EmiratesGBC Awards Program.



Emirates Green Building Council would also like to thank all those who contributed to the success of the 2017 MENA Green Building Awards and Gala Ceremony

- ◆ Office team: Lora Shrake, Marie-Helene Westholm-Knebel, Sheena Khan, Adelita Cortenias, Majd Fayyad, and Maha Khogali
- ◆ EmiratesGBC Management Committee: Saeed Al Abbar, Habiba Al Marashi, Khaled Bushnaq, and Sarfraz Dairkee
- ◆ Awards Ceremony and Gala Dinner Emcee: Holley Chant
- ◆ GBC Supporters: WorldGBC, LebanonGBC, Jordan GBC
- ◆ PR/media: Asda'a Burson-Marsteller
- ◆ Photography: Xpogr
- ◆ Entertainment: Nina Oud
- ◆ Gala Dinner & Awards Ceremony Venue:



If you have any feedback regarding the Awards process and the Gala Dinner & Awards Ceremony, please send them to awards@emiratesgbc.org or +971 4 346 8244.

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.

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