



ROLE OF THE LGBC

Become a leading non-profit organization working to promote the sustainable building industry of an international level.

Achieve the goal of sustainability within an economically visible context.

Certify buildings, with the ARZ BRS.

Develop and promote industry standards, educational programs, and design practices.

Conduct research and educational activities.

A NOTE FROM THE ARMY



Engineering Directorate of Lebanese Army Presentation, November 2013

LGBC organized a two day Seminar / Workshop on the 18th and 19th of November 2013, covering items related to Green Architecture & its Economics, Climate change and Sustainability. The first day hosts were Aram Yeretian, Ziad Haddad & Gilbert Tegho. The second day's hosts were Rima Sorour Al-Housseiny, Nada Raad, Tony Harrouk & Najji Tannous.



INSIDE THIS ISSUE:

P2PRESENTATION AT RHU & USEK

P3GREEN APPLE DAY-1 & 2-AT IC

P3MEDIA EXPOSURE: TV & RADIO

P4LGBC DINNERS

P4LGBC SEMINAR

P4NAAMEH LANDFILL CRISIS - LGBC OPINION

P5NEW COMMITTEE CHAIRPERSONS

Signing of the MOU with MEHE and MF, October 2013

A Memorandum of Understanding was signed on October 8th, 2013 between LGBC, the Center of Research and Development (affiliated to the Ministry of Education and High Education), and Makhzoumi Foundation for establishing a Green Demonstration Room located on the premises of the Center of Research and Development in Jounieh, whereby students from public and private schools from all the regions in Lebanon could visit and get acquainted with the concept of green buildings, the principles of energy efficiency, water conservation and other environmental issues. The main goal of this project is to raise public awareness on the importance of energy efficiency, water conservation and pollution reduction through the introduction of the concepts of Green Buildings. The signature of the agreements with the Design and Execution Project Managers was held on the 21st of January, 2014 at LGBC office.



CES MED, Cleaner Energy Saving Mediterranean Cities - Lebanese National Coordination Group, November 2013

President Aram Yeretian, represented LGBC in Lebanon's National Coordination Group for the CES-MED (Cleaner Energy Saving Mediterranean Cities) Project. The Project's Local Development Expert is Mr. Serge Yazigi, the two other members are Mr. Pierre el Khoury (LCEC) and Mr. Vahakn Kabakian (Climate Change program at the Ministry of Environment) .

The overall objective of the project "Cleaner Energy Saving Mediterranean Cities" is to support the local authorities in the ENPI (European Neighborhood Partnership Instrument) South Mediterranean Partner Countries to respond more actively to sustainable policy challenges.

The purpose is to develop the capacities of local authorities in the region to formulate and implement more sustainable local policies, such as those implied by joining the Covenant of Mayors and developing the related Sustainable Energy Action Plans (SEAPs). Closely linked to this, the project will also contribute to making national authorities more aware of and responsive to the need for and advantages of a strong involvement of cities in policy issues which has a direct impact on them - such as local waste and water management, urban mobility and transport, local energy use etc. For more info: www.ces-med.eu.

" YOU ARE WHAT YOU BELIEVE YOURSELF TO BE."

PAULO COELHO

AWARENESS AND EDUCATIONAL COMMITTEE: EDUCATIONAL SUPPORT

LGBC provides:

- Consultancy for senior year university students of multiple majors in Green Buildings Design & Economics, Sustainability, Mechanical and Electrical Designs, Rating Systems, Renewable Energy, IEQ, etc...
- Information about Green Buildings in Lebanon upon request.
- LGBC Library: Updated on monthly basis, contains Publications, Magazines, Pamphlets, CDs Standards, Presentations, etc ...

PRESENTATION AT HARIRI UNIVERSITY, SEPTEMBER 2013



From left to right, Nada Raad, Rima Sorour Al-Housseiny, Ridab Bou Nasser Edine, Tarek Chehade

Student Affairs Manager Mrs. R. Khayat at R.Hariri University (RHU) invited LGBC to participate in a presentation to students, Professors and Deans regarding "Who is LGBC" and "What is Green". The presentation was a response to LGBC' official request to open a Chapter at RHU. On September 25, 2013 Architect Rima Sorour Al-Housseiny, Dr. Nada Raad, Engineer Ridab Bou Nasser Edine & Engineer Tarek Chehade participated in this event. Mrs. Al-Housseiny informed the audience about the vision, mission, constitution, collaboration and projects of LGBC. Dr. Raad introduced the concept of green and sustainability. Ms. Bou Nasser Edine shared her experience as an LGBC member. Mr. Chehade initiated the introduction, closed the session and requested the opening of an LGBC chapter at the University. Dr. R. Nuwayhid, Dean of Engineering, Mrs. Khayat and Mr. Al-khotob from Student affairs Office, Professors, chairs and students were among the audience.



LGBC CONTRIBUTION WITH MINISTRY OF EDUCATION & HIGHER EDUCATION, JULY 2013

The Educational Workshop for the development of environmental education curriculum for the second episode of Lebanese schools took place in July 2013. LGBC members who participated in this workshop are Dr. Nada Raad, Mr. Tarek Chehade & Mrs. Rima Sorour Al-Housseiny.

LGBC PRESENTATION AT USEK KASLIK, OCTOBER 2013

On October 10th, 2013 Architects Nada Tfaily, Architect Rima Sorour Al-Housseiny's, Dr. Nada Raad and Engineer Carla Nassab from LGBC visited the Faculty of Agricultural Agricol Sciences at the Holy Spirit University of Kaslik.

Dr. Désirée El Azzi also an LGBC member invited LGBC as a guest speaker in her classroom. Mrs. Rima Sorour Al-Housseiny's presentation was about ARZ and the LGBC .

Ms. Carla Nassab presented the introduction to green buildings. Questions by students were answered by the guest speakers.

Upon finishing the presentation Dr. El Azzi accompanied LGBC group to the Agriculture Department, where they met Dr. Tabet and Dr. Abi Rizk .

Dr. Nada Raad gave an introduction to LGBC' mission and proposed to open a chapter at USEK.



From left to right, Carla Nassab, Dr. Abi Rizk, Dr. Nada Raad, Rima Sorour Al-Housseiny, Nada Tfaily



"VOLUNTEERS ARE UNPAID NOT BECAUSE THEY ARE WORTH LESS BUT BECAUSE THEY ARE PRICELESS"

GREEN APPLE DAY-1-AT IC

ELEMENTARY SCHOOL, SEPTEMBER 2013



LGBC participated in "Green Apple Day of Service" on September 27, 2013 at International College Elementary School. Topic was about Indoor Air Quality. We offered 4 sessions, two for English students and two for French Students. Ridab Bou Nasser Edine and Tarek Chehade presented the french sessions, Abeer Hanna and Dr. Nada Raad presented the English sessions. The schedule included a short presentation about LGBC, presentation about IAQ and "hands on" activity. Around 150 students were present.

GREEN APPLE DAY-2-AT IC

SECONDARY SCHOOL, OCTOBER 2013



LGBC participated in the "Green Apple Day of Service" on October 1, 2013 at International College Secondary School. Around 200 students from secondary classes attended the presentations in addition to teachers and Mrs. Mona Shbaklo, the Dean of the Secondary School, Mrs. Ghada Itani, Middle School Psychologist and Advisory Program Student Affairs' Resource Person, and Mrs. Rindala Abed Bakki, Community Service Coordinator and Student Life Advisor. Ms. Hana Alamuddin talked about sustainability and Mr. Tarek Chehade run the animation presentation "How to change your school to Green".

MEDIA EXPOSURE



OTV-TV STATION, TONY HARROUK, JULY 2013

On the 13th of July, 2013, LGBC Board member Mr. Tony Harrouk was hosted on "Yawm Jedid", a morning program on OTV.

TELE LIBAN, TL TV STATION, RIMA SOROUR AL-HOUSSEINY & TAREK CHEHADE, SEPTEMBER 2013

On the 5th of September, 2013 LGBC Board member Rima Sorour Al-Housseiny & Student member Tarek Chehade were hosted on "Sabah Al Khayr Ya Loubnan", a morning program on TL.



HEYA TV Station, Ziad Haddad, December 2013

Board Member Ziad Haddad was hosted on the 11th of December, 2013 on the TV show "Al Hiwar Al Iktissadi" – Heya TV. The full session can be downloaded at http://arabwomantv.com/7iwar_iktissadi.htm



The interview in three TV stations (OTV, TL & HEYA TV) covered the following:

- A briefly presentation about LGBC since its establishment in November 2008, its structure and mission.
- The progress achieved by the ARZ Building Rating System for existing commercial buildings, the first rating system created in Lebanon.
- The importance of green buildings and their benefits.
- Other LGBC events and the projects that are currently being developed, urging all interested individuals and companies to join and support the LGBC since there is room for many other achievements.

LIVE RADIO STATION, MBS, INTERVIEW WITH PRESIDENT ARAM YERETZIAN, NOVEMBER 2013

A radio interview was conducted with LGBC President, Mr. Aram Yeretian, on November 1st, 2013 by Mr. Pierre El-Haddad at MBS Radio Station. The interview was divided in two parts: The first was an introduction about LGBC and the second part explained the different parameters involved in climate responsive and sustainable buildings.

WORLD ENERGY COUNCIL HONORARY MEMBERSHIP – LEBANON COMMITTEE, DECEMBER 2013.


The WEC Lebanon Committee welcomed the Lebanon Green Building Council (LGBC) in its membership. Being a local NGO, LGBC is the first honorary member to join the committee.

Quote

With its rich experience in green buildings and other environmental aspects, LGBC will definitely add up to the richness of the WEC Lebanon Committee.


TECHNICAL/ARZ COMMITTEE

LGBC's Technical committee is considering to create a building rating system for existing hospitals in coordination with the ARZ committee.




Waterfront City
Dbayeh Seaside

ONE CITY. ENDLESS CHOICES.



+961 4 444145



BUILDING MOMENTS FOR LIFE



Tel: 01 380 000 Hotline: 1550 www.tajco.pro

"THE SUSTAINABILITY OF CULTURAL HERITAGE AMIDST THE BACKDROP OF GLOBAL CHANGE AND MODERN LIFE"

KRISTINA DRYZA

MID-YEAR COMMITTEES MEETING & DINNER, OCTOBER 2013



In order to keep track with work progress between members and make sure they are heading towards achieving LGBC objectives for 2013, a Mid-Year Committee follow-up and evaluation meeting was held on October 2nd, 2013 at "La Plage" Ain El Mreieh. Each Committee Chairperson presented a brief about the achievements of his committee and the difficulties faced, then the meeting was followed by a dinner.

LGBC AT BEIRUT MARATHON, NOVEMBER 2013



LGBC members participated in this yearly event, on November 11th 2013. It was a fun run event, it brought LGBC members closer.

END OF YEAR DINNER - LGBC/ASHRAE DECEMBER 2013

As every year, LGBC and ASHRAE share a common end of year dinner, celebrating the great achievements for both NGOs. LGBC's main sponsor was LG. During the event, a tombola was held, 5 gifts were distributed. The first prize was a LED LCD from LG.




SEMINAR AT OEA MARCH 2014



LGBC in partnership with MED ENEC (Energy efficiency in the construction sector in the Mediterranean), OEA (the order of Engineers and Architects of Beirut), and LCEC (the Lebanese Center for Energy Conservation) held a one full day seminar entitled "Energy Efficient Building Envelope" at the OEA on March 20th, 2014. Certificates of attendance were issued to the 40 participants. The seminar was a success as expressed by the participants in the assessment survey filled by all attendees. A special thank you for the trainers: From MED ENEC: Florentine Visser From LCEC: Rani Al Achkar, & Melda Jabbour From LGBC: Aram Yeretian, Ziad Haddad, Rima Sorour Al-Housseiny, Tony Harrouk, & Naji Tannous

LGBC OPINION : NAAMEH LANDFILL CRISIS...THE OPINION OF THE LGBC


Lebanon's environment has always been one of its most appreciated aspects of the country. Unfortunately, over the years, it has been subjected to continuous degradation due to various political conflicts and lack of regulations to protect it. Given that the situation did not infringe on the comfort of the majority little attention has been given to this serious problem. However, a recent crisis has triggered the alarm and caused the Lebanese to sit up and take notice. In January 2014, the residents of areas near the Naameh dumpster blocked the roads leading to the landfill where the smell had become unbearable and the rate of disease had considerably increased in all age categories, without exception. Protesters prevented Sukleen dump trucks from entering the landfill, calling on the state to resolve the matter. Garbage in Beirut and Mount Lebanon piled up on the roads for days. It is worth noting that the Naameh landfill was originally intended as a temporary solution for a serious problem that faced the city of Beirut in 1997, following the closure of the Normandy seafront dump. Naameh was initially supposed to operate for six years, but 17 years later, it continues to receive garbage from the Metropolitan Beirut area and is expected to do so at least until January 2015 time at which the extension to the original contract ends. The local community has been complaining for years that the landfill has been filled far beyond its capacity and has become a serious health and environmental hazard. There seems to be a ready solution to this problem already in practice in several European countries: the production of biogas. "Biogas, released by decaying rotten food, consists mostly of methane which is normally in gas form and is one of the strongest greenhouse gases causing global warming today. The combustion of biogas from fermentation/decay is actually helpful because if it was not burnt, the methane it contains would escape into the atmosphere and cause more global warming." A recent, European Biogas Association (EBA), report states that there are already more than 13 800 biogas plants in Europe and the number is still growing. In Norway, for example, buses in the capital city of Oslo operate on biogas from garbage (specifically food waste) since 2013. The biogas can be used as a biofuel an energy producer. It causes no air pollution, or other hidden pollution. It has a low cost in producing. In conclusion, our garbage could become the solution to three main problems facing Lebanon: garbage disposal, energy production and atmosphere protection.




Become an Energy Champion!
Enrol in Energy University
FOR FREE today!



To register, visit:
www.SEreply.com
Keycode: 45814P



EGGER
PARTNER IN LEBANON



DOUAIHY
Pour Le Bois

Zouk Mosbeh - Amioun
Nigeria - Ghana
PHONE: + 961 9 216 114
www.douaihypourlebois.com

"YOU CAN'T CHANGE THE DIRECTION OF THE WIND, BUT YOU CAN ADJUST YOUR SAILS TO ALWAYS REACH YOUR DESTINATION" H.JACKSON BROWN JR.



Address:
LEBANON GREEN BUILDING COUNCIL
3rd floor - Salameh & Naous Center
First building adjacent to the Order of Engineers & Architects - Cola Roundabout
Sports' City Street
Beirut, Lebanon
Phone: + (961) 1 843279
Fax: + (961) 1 843279
Mobile: +(961) 76 187101
email: info@lebanon-gbc.org

LEBANON-GBC.ORG

ARZ BUILDING RATING SYSTEM

LEBANON



The **ARZ Building Rating System** created to measure the extent to which existing commercial buildings in Lebanon are healthy, comfortable places for working, consume energy and water.

In addition, the rating system stimulates building owners and facility managers to achieve ever-higher certification levels to attract discerning tenants and clients.



General lighting lamps
Special application lamps
LED retrofit lamps
LED customized lighting solutions
Lighting control gears
Lighting management systems
Floodlights & waterproof fittings
Lamp holders and accessories

Tel/Fax: +961 1 564445 – 564647
P.O.Box: 11-8402 – Beirut
info@tabet-engineering.com
www.tabet-engineering.com



BUILDING RATING SYSTEM

Email: info@arzrating.com **ARZRATING.COM**

FOLLOW US ON:

-  FACEBOOK **Lebanon Green Building Council**
-  LINKEDIN **Lebanon Green Building Council**
-  TWITTER **LebanonGBC**

LGBC BOARD MEMBERS 2014

- Mr. ARAM YERETZIAN**
PRESIDENT
- Mr. RABIH KHAIRALLAH**
VICE PRESIDENT
- Mrs. RIMA SOROUR AL-HOUSSEINY**
SECRETARY OF THE BOARD
- Mr. ALI BERRO**
TREASURER
- Ms. RACHA ITANI**
ACCOUNTANT
- Mr. RAYMOND ABOUZEID**
GOVERNMENT & PUBLIC RELATIONS
- Mr. ZIAD HADDAD**
BOARD MEMBER
- Mr. TONY HARROUK**
BOARD MEMBER
- Mr. CAMILLE ELIAS**
BOARD MEMBER
- Ms. HANA ALAMUDDIN**
BOARD MEMBER

LGBC COMMITTEE CHAIPERSONS 2014

- Mr. Najj Tannous**
ARZ Committee
- Mrs. Sallama Namani**
Awareness & Educational Committee
- Ms. Yasmina Choueiri (Acting Chairperson)**
Communication and Public Relations Committee
- Mr. Elie Baradhy**
Ethical Committee
- Mrs. Divina Abou Jawde**
Events Committee
- Mr. Nohad Boudani**
Membership Committee
- Mr. Elie Baradhy**
Nominating Committee
- Mr. Bassam Habre**
Technical Committee

District //S
www.DistrictS.com.lb

A GREEN CITY IN THE HEART OF THE CITY



A PROJECT BY estates

A SPECIAL THANK YOU TO OUR :

PLATINUM, GOLD AND CORPORATE MEMBERS:

PLATINUM MEMBER



GOLD MEMBER



ETS. LOUIS EID ENG. s.j

