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2nd Edition

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09.00 – 10.00

Registration

10.00 – 11.00

Opening Ceremony

- Address of **Mr. Ziad El Zein**, LCEC PR Coordinator, Lebanese Center for Energy Conservation (LCEC)
- Address of **Mr. Edmond Yammine**, Chairman, MCE Group for Congresses and Exhibitions
- Address of **Mr. Elie Bsaibes**, President, Order of Engineers and Architects in Beirut
- Address of **Mr. Robert Watkins**, Resident Representative (UNDP)
- Address of **Ms. Angelina Eichhorst**, Head of the EU Delegation to Lebanon
- Address of **Mr. Adnan Z. Amin**, Director General, International Renewable Energy Agency (IRENA), Abou Dhabi, UAE
- Address of **H.E. Eng. Gebran Bassil**, Minister of Energy and Water in Lebanon

11.00 – 12.00

Opening of the Exhibition Area ,Visit of the Booths & Welcome Reception

12.00 – 13.00

Session 1: Regional Initiatives for a Global Challenge

Moderated by: **Mr. Samir Hassan**, Acting Executive Director, Regional Center for Renewable Energy and Energy Efficiency (RCREEE), Egypt

"The Arab Initiatives in Energy Efficiency and Renewable Energy"

Mrs. Jamila Matar, Head of the Energy Department, League of Arab States (LAS), Egypt

"The Role of RCREEE in the Creation of a Productive Regional Cooperation"

Mr. Ashraf Kreidi, Energy Expert, Regional Center for Renewable Energy and Energy Efficiency (RCREEE), Egypt

"IRENA: the Global Voice for Renewable Energy"

Dr. Mustafa Taoumi, MENA Region Officer, International Renewable Energy Agency (IRENA), Abou Dhabi, UAE

Discussion, Q&A

13.00 – 13.45

Session 2: Special Address - Energy from the Euro-Mediterranean Perspective

Moderated by: **Mr. Zakaria Rammal**, National Energy Expert

"The EU Energy Policy and Sector Development Support "

Dr. Fawzi Bensarsa, Energy Advisor, European Commission (EC), DG EuropeAid, Brussels, Belgium

"FIT, FITTER, FITTEST: Feed-In-Tariffs for Politicians and Experts"

Dr. Albrecht Kaupp, Team Leader, MED-EMIP, Germany/Egypt

Discussion, Q&A

13.45 – 15.00

VIP Lunch (Speakers & Delegates)

15.00 – 16.30

Session 3: National Efforts in Meeting Lebanon's Renewable Energy Challenges

Moderated by: **Mr. Ali Berro**, National Energy Expert and Lawyer, Legal Advisor to the LCEC

"Distributed Renewable Energy Generation in Lebanon and the Net-Metering Opportunity"

Mr. Kamal Hayek, Head of the Board, Director General of Electricité du Liban (EDL)

"The Smart Distribution Network: Backbone for the development of Renewable Energies"

Dr. Mounir Yehia, Chairman, NEEDS Consulting, Lebanon

"Economic Outlook of Distributed Generation: Insights from the UNDP CEDRO Project"

Dr. Hassan Harajli, Project Manager, United Nations Development Programme (UNDP), CEDRO Project

"Lebanon's National Energy Efficiency Action Plan, NEEAP 2011-2015: the Path to a Challenging Target"

Mr. Pierre El Khoury, Director, Lebanese Center for Energy Conservation (LCEC), UNDP Project Manager

Discussion, Q&A

16.30 – 17.30

Session 4A: Wind Energy in Lebanon

Moderated by: **Mr. Mahmoud Baroud**, Director of Tutelage, Ministry of Energy and Water (MEW)

"Components for a Successful Wind Farm Project"
World Bank

"A Road Map to Build a Wind Farm"

Dr. Riad Chedid, Professor at the American University of Beirut (AUB), Energy Expert

"Environmental Impact Assessment in Potential Lebanese Wind Farms"

Mr. Jean-Ives Kernel, Head Officer of International Affairs, Biotope, France (Sponsored by the UNDP CEDRO Project)

Discussion, Q&A

16.30 – 17.30

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17.30 – 18.00

18.00 – 19.00

19.00 – 20.00

Session 4B: Supply & Demand : The Energy Conservation Opportunities

Moderated by: **Mr. Hussein Salloum**, Energy Specialist, Council for Development and Reconstruction (CDR), Lebanon

"Solutions for Accelerating Investments in Cost Effective Energy Conservation Measures"

Mr. Samer Tabbara, Energy Solutions Regional Business Manager, Middle East, Johnson Controls, Lebanon /UAE

"Energy Efficiency at the Generation Side: the Ecostruxure Approach for Buildings and the Design Optimization for Power Plants"

Mr. Mutaz Yasin, Renewable Energies Regional Manager, Germany and Middle East, Schneider Electric

Discussion, Q&A

Coffee Break *Sponsored by Needs*



Session 5- Panel Discussion by MED-ENEC

Implementation and Harmonization of Energy Efficiency Building Codes in the Arab World

Moderated by: **Dr. Kurt Wiesegart**, MED-ENEC Team Leader, Germany/ Egypt

"Unified Arab Code for Energy Efficiency in Buildings by the Council of Arab Ministers for Housing and Reconstruction"

Mr. Waleed El Araby, Officer-in-Charge of Council of Ministers, League of Arab States (LAS), Egypt

"The Way to Harmonization: EU Directive EPBD (Energy Performance Building Directive)"

Dr. Eduardo Maldonado, Mechanical Engineering Professor, University of Porto, Coordinator of EU Buildings Concerted Action, European Union (EU), Portugal/ Belgium

"Overview of Energy Efficiency Building Codes in the Arab World"

Ms. Florentine Visser, MED-ENEC Key Expert, Netherlands/ Egypt

Discussion, Q&A

Session 6: Do Green Building Rating Systems Compete or Complement?

Moderated by: **Mr. Rabih Khairallah**, Head of the Mechanical Engineering Branch, Order of Engineers and Architects in Beirut

"Case Study: The SAMA Beirut Project and the LEED Approach"

Mr. Khaled Majdalani & Mr. Tarek Dalati

Trying to answer:

- What rating system is most suitable for my building?
- Shall I look for national or international rating systems?
- Which rating system is the most economically feasible for my project?
- And others...

Panelists:

- **Dr. Samir Traboulsi**, President, Lebanon Green Building Council (LGBC), Lebanon
- **Dr. Imad Hajj Shehadeh**, Technology and Development Director, Industrial Research Institute (IRI), Lebanon
- **Mr. Gilbert Tegho**, Founder, E-ecosolutions, Lebanon

9.00 – 10.00

Session 7A: Energy Efficient Lighting

Moderated by: **Mr. Walid El Baba**, Member of Lebanon Green Buildings Council (LGBC), Former President of the Lebanese Solar Energy Society (LSES)

“Transition to Efficient Lighting in the Context of Energy Efficiency: Challenges and Opportunities”

Mr. Gustavo Manez, Project Manager, En-Lighten Project, United Nations Environment Programme (UNEP), France

“Assessment of Efficient Lighting and the Potential for a Smooth Transition in the Arab World”

Dr. Ibrahim Abdel Gelil, Professor, Arabian Gulf University, Bahrain

“LED Lighting: the Solution for the Future”

Mr. Tony Araman, Chairman, Astra Industries, Lebanon

Discussion, Q&A

9.00 – 10.00

Session 7B: Shifting From CDM to NAMA: the Potential for Lebanon

Moderated by: **Judge Hassan Chami**, Legal Advisor, Ministry of Energy and Water

“The LCEC 3 Million CFLs Project and the CDM Approach”

Mr. François Joubert, Executive Vice President and Global Head of Environmental Products, EDF Trading, United Kingdom

“The National Solar Water Heater Initiative and the CDM Benefits”

Mr. Bernard Ammoun, CEO, Green Future, Lebanon Holding, Lebanon

Discussion, Q&A

10.00 – 11.00

Session 8: A New Sustainable Partnership: UNDP and the Banque Libano-Française Join Hands

Moderated by: **Mrs. Rola Khazen**, Marketing Coordinator, UNDP, Lebanon

“The Sustainable Vision of UNDP”

Mr. Edgard Chehab, Assistant Resident Representative, UNDP Lebanon

“The UNDP-BLF Partnership to Support the Local Community”

Mr. Walid Rafael, CEO, Banque Libano-Française, Lebanon

Ceremony Signature in presence of the press

11.00 – 11.30

Coffee Break *Sponsored by Needs* 

11.30 – 13.00

Session 9: NEEREA and the Financing of Energy Projects: the Role of the Banking Sector

Moderated by: **Ms. Léa Hakim**, Senior Economic Officer, UNDP Technical Assistance for Fiscal Reform and Management Project, Ministry of Finance, Lebanon

Special Opening Address by **Mr. Wael Hamdan**, Head of the Financing Unit, Central Bank of Lebanon (BDL), Lebanon

“The Energy Loan to Finance ACE Headquarter: Seeking LEED GOLD Rating:”

Mr. Jimmy Hakim, ACE Consulting Group, Lebanon (tbc)

“Yarzé 1674: Target BREEAM VERY GOOD”

Ms. Maya Karkour, Co-Founder and Sustainability Consultant, EcoConsulting, Lebanon

“European Bank for Reconstruction and Development”

Mr. Terry McCallion, Director of Energy Efficiency and Climate Change, European Bank for Reconstruction and Development (EBRD), United Kingdom (UK)

Discussion, Q&A

13.00 – 14.30

V.I.P. Lunch (Speakers and Delegates)

14.30 – 15.30

Session 10A: A Solid Holistic Platform for a Green Construction Sector

Moderated by: **Mr. Richard Sarkis**, President of Branch of Electrical Consultants Engineers, Head of Energy and Sustainability Committee, Order of Engineers and Architects in Beirut

"Architecture and Sustainable Design"

Mr. André Bekhaazi, Architect

"The New Thermal Standards for Buildings in Lebanon: Main Component of a National Energy Efficiency Building Code"

Dr. Rayan Slim, Energy Expert, University Professor, Lebanon

"The French Experience in Thermal Standards and the Related Simulation Tools"

Dr. Sila Filfi, Researcher, EDF R&D- Energy in Buildings and Territories Dep, Electricité de France (EDF), France/ Lebanon

Discussion, Q&A

14.30 – 15.30

Session 10B: Investigating New Trends in Energy Conservation

Moderated by: **Mr. Ziad Khayat**, UNDP Project Manager, the Lebanese Center for Water Management and Conservation (LCWMC), Lebanon

"The SICOMO Waste-to-Energy Plant: A Landmark for the Bekaa Valley"

Mr. Karim Haddad, Deputy General Manager, SICOMO Industrial Plant, Lebanon

"Biodiesel Production in Lebanon"

Mr. Fady Faddoul, General Manager, Biodiesel Lebanon, Lebanon

"Micro Hydro Applications: An Untapped Potential"

Mr. Ramzi Abi Said, Vice President, Lebanese Solar Energy Society (LSES)

Discussion, Q&A

15.30 – 17.00

Session 11: Europe's View on our Energy Future: Challenges and Initiatives

Moderated by: **Mr. Georges Kamar**, Advisor to the Lebanese Parliament Committee of Environment

"The EU Support to the Energy Market in the Arab World"

Dr. Ahmed Badr, Utilities and Economic Development Specialist, European Commission Delegation in Egypt

"The EU Tools and Instruments in Support of Energy Investments in the Southern Mediterranean"

Mr. Peter Christiaens, Programme Manager, European Union Delegation in Lebanon

"Ongoing Bilateral Support to Lebanon in Energy Efficiency"

Mr. Maciej Madalinski, Head of Sector, European Union Delegation in Lebanon,

"Paving the Way to the MSP"

Dr. Florian Sauter-Servaes, Team Leader, Paving the Way to the MSP Project, Germany/ Egypt

Discussion, Q&A

17.00 – 17.30

Coffee Break *Sponsored by Needs*



17.30 – 18.30

Session 12: Politician vs. Scientist: Clash or Development?

Moderated by: **Mr. Said Ghorayeb**, Leading Media Figure

Panelists:

* **H.E. Mr. Gebran Bassil**, Minister of Energy and Water

* **Dr. Nesreen Ghaddar**, Associate Provost, Qatar Chair in Energy Studies Professor of Mechanical Engineering, American University of Beirut (AUB)

* **Dr. Joseph Al Assad**, Assistant Professor, Faculty of Sciences, Université Saint Esprit de Kaslik (USEK)

* **Dr. Khalil Khoury**, Chairperson of Mechanical Engineering Department, Professor, Lebanese University (LU)

* **Dr. Ahmad Houry**, Associate Professor in Natural Sciences, Euro Arab Chair of Renewable Energy 2009, Lebanese American University (LAU), President of the Lebanese Solar Energy Society (LSES)

* **Dr. Hadi Kanaan**, Professor in Electro-Mechanical Engineering Department, Ecole Supérieure des Ingénieurs à Beyrouth (ESIB)

18.30 – 19.00

Closing Ceremony

Distribution of Certificates to Speakers, Sponsors, and Exhibitors

Lottery on the Event Prizes for Delegates

Closing Note

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