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### I- Who are we?

The Lebanese Cleaner Production Center (LCPC) is established in 2002 by the United Nations Industrial Development Organisation (UNIDO) with funding from the Austrian Government, the Ministry of Environment and the Ministry of Industry in Lebanon.

The LCPC is located at the Industrial Research Institute (IRI) in Hadath-Baabda.

The LCPC is the representative of West Asia Countries in RECP UNIDO / UNEP Global Network

### II- Major activities accomplished from January 2011 to June 2011

#### Sessions to the Islamic University of Lebanon – IUL, Masters Students – February and March 2010

The LCPC Director, Dr. Yaacoub, held a series of training sessions on CP concepts and methodology to the IUL students mastering in Industrial Technology during January – March 2011



#### Feasibility Analysis Workshop

The Feasibility Analysis workshop is the fourth step in the In-Plant Demonstration phase for the Olive Oil sector which targeted the managers and owners of SME's under this sector.

The workshop took place on the 2<sup>nd</sup> of February 2011 at the IRI premises.



The decision-makers from the sixth selected Olive Oil SME's in addition to UNIPAK from the Paper and Cardboard sector, and the CP experts and the representatives from the IRI attended the event.



During the seminar an overview and evaluation was made on how to fulfill the CP reports and how to deal with the data collected at the site visits to the factories in order to identify CP Options for implementation.

#### Awareness Raising Events among the Educational Sector

The educational sector constitutes an essential and important sector to spread the word among all students.

The latest are:

• *Iraqi's Delegation in collaboration of the Islamic University of Lebanon visit to LCPC & IRI – February 2011*

The Iraqi's Delegation from the University of Karbala in collaboration with the IUL, visited the IRI & LCPC on the 10<sup>th</sup> of February 2011.



• *Balamand University students – March 2010*

Balamand University Students, Faculty of Public Health Sciences, taking a course on Clean Technology and Pollution Control, accompanied by Dr. Berj Hatjian, DG of MoE, visit the IRI & LCPC on the 20<sup>th</sup> of March 2010.



Students from the IUL and Balamand, were introduced to the LCPC, environmental protection and familiarized with the concept and methodology of CP.

In addition, the students discussed and evaluated with LCPC team the role they could play in the dissemination and application of CP in Lebanon.

Their visit also included a guided visit to the laboratories available at IRI to introduce the students to the sampling techniques and metrology.



➤ *Seminar on: "Promoting Sustainable Production and Consumption Practices – Sustainability World Tour" – May 2011*



The LCPC and green2bee, organized a seminar on "Promoting Sustainable Production and Consumption Practices - Sustainability World Tour", on the 11<sup>th</sup> of May 2011 at the IRI premises.

During the seminar, green2bee offered an overview of international water management tools and helps to understand the extent of direct and indirect water use (in operations, buildings and through out the supply chain). Challenges and opportunities are identified. The Global Water footprint Standard (released in 2011) was specifically addressed.

They also discussed and shared knowledge with Lebanese companies, which talked about their experiences in environmental management and its applications.

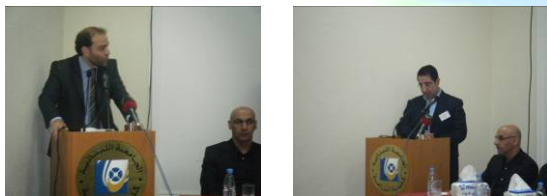




### First conference on fighting against desertification in Lebanon – June 2011



Under the patronage of H.E Dr. Hussein Hajj Hassan, Minister of Agriculture, the conference was organized by the Ministry of Agriculture, the Association of Jihad Al Binaa for Development, Faculty of Agriculture, AUB, USJ, Saint Esprit - Kaslik, Order of Engineers, Federation of Arab Agricultural Engineers, UNDP, ACSAD, FAO Lebanon, and LCPC.



The objectives of the conference were to carry out all necessary measures to put plans and strategies to combat desertification and find alternatives to the scarcity of water and to propose alternative crops to suit with the new situation, in addition to finding new ways to re-greening to Lebanon, which was characterized by green spaces exceeded 30% of the total area.

The conference tackled three main subjects:

- Desertification and its impacts on agriculture and the environment
- Society's role in combating desertification
- Desertification and its impacts on the economy and the environment

### Dissemination Seminar for Olive Oil sector and others – June 2011



After one year of intensive work with the Olive Oil sector in Lebanon, LCPC has succeeded in applying Cleaner Production in the latter sector.

Under the patronage and presence of the Austrian Ambassador in Lebanon, H.E Dr. Eva Maria Ziegler, the LCPC organised a ceremony to disseminate the successful results.

It was organized with IRI, MoE and ALI.

The dissemination seminar for the Olive Oil sector and others was held at the IRI premises on the 28<sup>th</sup> of June 2011.



During the ceremony, In-plant demonstrations and results were presented and relative manuals were distributed to the participants, and certificates to 6 SME's from the Olive Oil sector and 1 SME's from the Paper and Cardboard that applied the CP concept in their industries as well as to 7 CP experts that have participated in the In-plant demonstration organized by the LCPC.

These companies are:

- Boulos for Industry and Commerce
- Said Saifan Est.
- Pressoire Cheikh Sleiman et Maged El Daher
- Agricultural Cooperative in Rashaya El Foukhar
- Olive Oil Badawee
- Presses Modern El Rashid
- UNIPAK s.a.l



### III- LCPC participation in national and international events

In the context of sharing expertises and experiences from one side, and enhancing the capacity building of the LCPC team from the other side, the LCPC has participated in several national and international events including exhibitions, conferences, trainings and workshops.

A list of seminars and conferences held on the national and international level were attended by LCPC team in order to:

- Spread the word about the CP concept and its application in Lebanon
- Share and exchange experiences & expertises
- Enhance capacity building of the LCPC staff

#### The seminars' list is as follows:

- Eco-Construction in the Service of Social Housing  
January 2011, Beirut, Lebanon
- 3rd Roundtable Meeting on Sustainable Consumption and Production in the Arab Region "Paving the Path to Green Economy in the Arab Region" – January 2011, Cairo, Egypt



- Executive Committee of the global network for Resource Efficient and Cleaner Production (RECP-Net) – March 2011, Vienna, Austria



- Award ceremony of Student, Starpack 2011 and the Exhibition of participants projects – March 2011, Beirut, Lebanon
- Conference: Green Economy and Business Opportunities: The Belgian "Know-How" in reducing health impact of environmental stressors – March 2011, Beirut, Lebanon
- Training on Solar Water Heaters and Testing for Solar Collectors in Lebanon – March 2011, Beirut, Lebanon
- Challenges of Rural Poverty in the Middle East and North Africa – April 2011, Beirut, Lebanon
- Creating a Sustainable Construction Sector in Lebanon, Thermal Standards, Building Code and Green Buildings – May 2011, Beirut, Lebanon
- 3rd Lebanon Sustainability Week – June 2011, Beirut, Lebanon
- Green Business Conference: "How to go green ... Profitably"– June 2011, Beirut, Lebanon
- Launching event of the "LSQ Quality presentation" series June 2011, Beirut, Lebanon

- Launching SME's Centers in Lebanon June 2011, Beirut, Lebanon
- Workshop on Launching Focus Project of the Regional Network of the National Cleaner Production Centers in the Middle East and North Africa  
Tunis, June 2011



### IV- Our future plans

Continue cooperation with RAC/CP on GRECO Programme in Lebanon

- Identify more potential national and international partners to sign MOU's
- Prepare Joint proposals on environment and CP with other NCPC's
- Finalize InVest in Med Programme with UNIDO Marseille.
- Prepare and execute the first Arab Green Economy Forum in Beirut.
- Initiate In Plant Demonstration project in the New industrial sector.

### V- How to find us

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