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Third Meeting for the Steering Committee of the IEE Project

The IEE Project's steering committee meeting was held on Monday 29th September at the EEAA premises. Dr. Attwa Hussein, the Head of the Environmental Management Sector who was chairing the meeting on behalf of EEAA CEO, pointed out that the project is considered one of the most important projects in Egypt due to the critical situation regarding energy security and the current changes in energy prices. Dr Attwa thanked the project team for the progress achieved and emphasized that the project is progressing in a satisfactory way during the reporting period.

Ms. Giovanna Ceglie, UNIDO representative thanked the project partners for the level of commitment shown along the last year and the deep involvement of the partners in the project plans and activities. She emphasized that regular interaction and cooperation



between the project team and partners is taking place and that this partnership is a good model which needs to be replicated in other UNIDO projects.

Eng. Sherif Abdel Rehim, the EEAA National Project Director presented the last steering committee decisions and how they were addressed during the reporting period.

Ms. Rana Ghoneim, UNIDO Project Manager presented the preliminary findings of the mid-term review, which was carried out in line with the requirement of the Global Environment Facility.

Eng. Gihan Bayoumi, the National Project Coordinator presented the project progress from February 2014 till end of August 2014.

Dr. Hassan Abdel Megid, chairman of EOS has stressed on the importance of training national cadres for energy management and increasing the number of participating companies from the engineering sector. Steering Committee members affirmed that the project should be extended by one year to compensate for delays in starting up the project implementation and other delays during the first year of implementation.

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Industrial Modernization Center and the Egyptian Organization for Standardization and Quality Launched a Series of Awareness Workshops for the Dissemination of Energy Management Concepts in Egypt with Cooperation from Industrial Energy Efficiency Project

The IMC “Industrial Modernization Center” and EOS “Egyptian Organization for Standardization and Quality” in cooperation with the IEE Project in Egypt affiliated to UNIDO launched a series of awareness workshops for disseminating EnMS “Energy Management System” concepts in the industrial sector. These workshops took place on Wednesday, 17th September and the 1st of October 2014 at IMC premises.



The objective of these workshops was raising the awareness of decision makers in ceramics, cement, metallurgical industries and chemicals industries’ on EnMS and its implementation as well as the benefits and opportunities for saving energy in their facilities.

Engineer Ahmed Taha, Executive Director of IMC started his speech by ensuring that IMC since its foundation, has been focusing on fostering its ties with different international organizations of similar mandate. Eng. Ahmed Taha praised the efforts exerted in launching these workshops which is considered an outcome of transferring international experiences gained through IEE project as well as building national cadres capable of implementing EnMS in the industrial sector, which in turn will place the Egyptian industry on the international competitiveness map.



Dr. Hassan Abdel Meguid, Chairman of EOS stated that with the aggravation of the energy problem in the country, it is a must to find non-traditional solutions. One of these solutions is the implementation of EnMS inside industrial facilities. Since EOS is the competent and official body responsible for standardization activities, quality and industrial metrology, this workshop reflects the responsibility of EOS in energy efficiency.



Engineer Hasssan Abel Salam, Energy Manager of Royal Ceramics company praised the role of IEE and its positive impact on the company, he assured that the company will be capable to save 10% from electricity and 5% from the natural gas during the implementation of EnMS in the company. He also observed a big shift towards workers attitude in the factory and their keenness to save energy which is reflected on energy consumption.

The UNIDO commits to develop institutional capacity building, implementation and monitoring of industrial energy efficiency policies and programmes, including energy management standards. The IEE project follows the UNIDO approach by developing a training of trainers program for IMC and EOS participants to enable them in sharing and implementing EnMS in the industrial sector.



Reviewing of Energy Management Systems Implementation in Industrial Energy Efficiency Project's Assigned Facilities

The international consultant "Stefan Walta" visited five industrial facilities (Misr International Ceramics, BMI Cement, Royal Cermics, Suez Steel and Sidpec) from August 10th to 14th to review Energy Management System "EnMS" implementation inside each of these facilities and advise on next steps to reach the conformity with ISO 50001.

During the visit, Stefan reviewed the identified energy saving opportunities and provided advices on potential savings.



Project Working Group Meeting

A meeting with IEE project working group was held on Monday 18th August, 2014. Project progress was discussed including the finalization of the Benchmarking reports in three sector; cement, iron and steel and fertilizers by the end of November, the launching of IEE website and facebook page. The international consultant's visit to industrial facilities to list the opportunities for no/low cost opportunities for energy savings.

Also the plan for energy efficiency trainings was discussed including the training for the EEAA Regional Branch Offices and the initiation of the System Optimization training. Finally, the midterm evaluation as well as the coming IEE steering committee dates were proposed.



Coordination Meeting between IEE, EEAA, JCEE and LECB

A coordination meeting was held on Sunday, 17th August 2014 in the IEE project office. The meeting was initiated by the EEAA Central Department for Climate Change aiming at discussing synergies, means of cooperation and possibilities of unifying efforts between various projects. The meeting was attended by representatives from the IEE project, the Egyptian German Joint Committee on Renewable Energy, Energy Efficiency and Environmental Protection (JCEEE), UNDP representative as well as the Low Emission Capacity Building project (LECB). This meeting is aligned with the IEE project's ultimate goal which aims to reduce greenhouse gas emissions by establishing a policy environment that enables and supports sustainable adoption of energy efficient technologies and management as an integral part of industries' business practices.



IEE Policy Mission

In many countries the industrial sector represents a challenge for policy makers. It may be difficult to address energy efficiency requirements in the industrial sector, as it might influence the competitiveness of the industry negatively. However, a well-planned and balanced IEE policy can reduce total costs and can improve quality and productivity.

IEE project is taking the lead with its partners to develop an IEE policy especially because Egypt is currently facing such challenges. The IEE policy mission took place from 28th to 30th September, 2014 at the IEE project to discuss the strategy framework and the next required steps.



Energy Benchmarking Meetings Continues



In collaboration with Egyptian Industrial Development Authority (IDA), the IEE project has facilitated several meetings on benchmarking three of the highest energy intensive sectors which are: Iron & steel, Fertilizers and Cement. The aim of these meetings is to review and analyze the information gathered from these sectors through the consultants who are working closely with IDA as well as companies representing each sector.

It is planned to have the final benchmarking report published in November 2014. Also a database will be designed by the IEE project as a tool for companies to compare their consumption with national benchmarks to know how efficient their facilities are.

Online Interaction between National / International Consultants and IEE National Experts through Webinars

IEE project facilitated 4 webinars during this quarter. During this period 1 national consultant and 2 international consultants supported and guided more than 30 national experts from the first and second batches of trainings to discuss, troubleshoot and overcome all challenges faced by these experts during the implementation of Energy Management Systems (EnMS) in 15 facilities.



Mid-term Review of the Industrial Energy Efficiency Project (IEE)

A mid-term evaluation field mission took place from 14 to 18 September aiming at assessing the IEE project performance and progress against the evaluation criteria: relevance, effectiveness, efficiency, sustainability and impact.

The key question of the mid-term evaluation was to what extent the project is achieving the expected results at the time of the mid-term evaluation, i.e. to what extent the project has facilitated energy efficiency improvements in the industrial sector through supporting the development of a national energy management standard and energy efficiency services for Egyptian industry as well the creation of demonstration effects. During the midterm

evaluation mission, the team met high level representatives from partner organizations as well as representatives from industrial companies which the project is cooperating with. The team met trainees, trainers as well as local consultants. The midterm findings and results are currently being prepared by the evaluation team.

