



**Asia-Pacific
Economic Cooperation**

2011/SOM1/EWG/EGEEC/012

Agenda: D2 4

Economy Update – China: China Industrial Energy Efficiency Programs and Projects Update

Submitted by: China



**37th Expert Group on Energy Efficiency and
Conservation Meeting
Washington, D.C., United States
28 February - 2 March 2011**



China Industrial Energy Efficiency Programs and Projects Update

APEC/EWG/EGEE&C 37 Meeting
Washington DC, March 1, 2011



1. REMANUFACTURED PRODUCT ASSESSMENT



CQM-PCC is supporting MIIT to develop remanufactured product assessment program and CQM-PCC was designated by MIIT as the sole agency to carry out the assessment for remanufactured products and related manufacturers. Further more, CQM-PCC will support MIIT to develop relevant tax subsidy policies.



China Remanufacture label



2. ECO-DESIGN PRODUCT EVALUATION

- CQM-PCC is in the process to support MIIT to develop eco-design product evaluation program, including
 - Circular for Carrying out Industrial Eco-design Products Evaluation;
 - Implementation Guide on Evaluation of Eco-design Products.
- Pilot product selection (tentative):
 - Printer ;
 - Computer;
 - Detergent.



China Eco-design label



3. EVALUATION SYSTEM FOR ENERGY MANAGEMENT PERFORMANCE

- In order to strengthening management approach to enhance the industry facilities to improve energy efficiency, China MIIT will enforce the evaluation for energy management performance in cooperative level and award the top-level enterprises.
- Jointly with CNIS, CQM-PCC is in the process to develop the relevant program and policies .
- Evaluation System for Energy Management Performance will be key policy of the “Twelfth Five-Year Plan” ” in industry sector.



4. SUSTAINABLE BUILDING INTERIOR RENOVATION AND DECORATION INITIATIVE IN CHINA

- Sponsor: European Union with more than 2M Euro grant



- Objective: Improved health and living quality for building inhabitants and decoration workers and an improved environment;

- Period: 2010~2013

- Partnership:



5. MIIT/WB/GEF: CHINA INDUSTRY ENERGY EFFICIENCY PROMOTION

- As a technical consultant, CQM-PCC supports MIIT and WB to design and develop the project with \$ 4 million GEF grant;
- The key components are including China's energy manager training development and enforcement, EnMS pilot and demonstration and energy audit dissemination;
- The project will start in July 2011 and will last about 3~4 years;
- CQM-PCC is appointed as implementing agency and host the Project Management Office (PMO).



6. MIIT/UNIDO/GEF: CHINA INDUSTRY ENERGY MANAGEMENT STANDARDS PROJECT

- ❑ **Objective** : Promoting the energy management standards across high energy intensive industrial sectors, increasing energy performance and energy efficient;
- ❑ **Progress**: CQM-PCC and UNIDO are jointly in the process to design and develop the project concept for MIIT to apply for GEF fund with \$15 million.



7. EFFICIENCY LIGHTING INITIATIVE (ELI)

- ❑ ELI was initiated by the International Finance Corporation (IFC) with funding from the Global Environment Facility (GEF);
- ❑ ELI provides a transparent, and simple mechanism for certifying the quality and efficiency of lighting products sold worldwide.
- ❑ In 2005, China Standards Certification Center (CSC) was chosen by IFC to administer ELI Quality Certification Institute.
- ❑ Bulk procurement buyers refer to ELI as a basis for their procurement which includes Nepalese, Australia, South Africa, Mauritius, Syria, Indonesia, Uruguay, Rwanda, Brazil, Uganda, India, Vietnam and etc.
- ❑ In May 2010, ELI certification program was transfer to CQM-PCC.





8. NDRC/UNDP/GEF: CHINA GREEN LIGHTING PROJECT

Objective : Develop training materials and conduct training programs for managers and technical staff to help IL manufacturers to phase-out IL.

Period : July 2010 to June 2011

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graph LR; A[Designing training plan] --> B[Compiling training materials]; B --> C[Training on senior manager]; C --> D[Train on key technician]; D --> E[Training on operators];
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Training Plan: Designing training plan, Compiling training materials

Training Implementation: Training on senior manager, Train on key technician, Training on operators



9. CHINA LOW-CARBON CITY INITIATIVE

- Project sponsor: Switzerland government;
- Objective: Promoting low-carbon city concept in China;
- Key components which provide technical supports by CQM-PCC:
 - Develop low-carbon property management assessment program targeting commercial buildings;
 - Promote EnMS;
 - Develop and pilote green-lighting city initiative.
- Period: 2011~2012 .





10. UNDP/GEF: ENERGY EFFICIENCY STANDARD AND LABELING PROJECT (BRESL)

- ❑ **Objective :** BRESL is aimed at rapidly accelerating the adoption and implementation of energy efficiency standards and labels (EES&L) in Asia, and also facilitates harmonization of test procedures, standards and labels among developing countries in Asia, when appropriate;
- ❑ **Period:** 2009~2013
- ❑ **Countries:** Bangladesh, China, Indonesia, Thailand, Vietnam and Pakistan;
- ❑ **Products:** CFL, Ballasts for FLs, Refrigerators, Room Air Conditioners, Electric Motors, Electric Fans, and Rice Cookers.



11. UNESCAP: CHINA CARBON FOOT-PRINT LABELING PROGRAM

- ❑ **Objective:** Analysis on the barriers of development for carbon foot-print labeling program;
- ❑ **Contents :**
 - Comparison and analysis on international best practices on carbon foot-print labeling program;
 - Development of the organizational level carbon emission accounting methods;
 - Development of the product level carbon emission accounting methods.



UK



Japan



Korea



Thailand



Thank You!

Center for Industrial Energy Efficiency (CIEE)

Add: No.33 zengguang Road, Haidian District,
Beijing 100048, China

Tel: + 86-10-68477288

Email: litn@cieec.org.cn