



**Asia-Pacific
Economic Cooperation**

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Agenda: D2 4

**Economy Update – Philippines: Philippines
Compliance Activities Relative to APEC Energy
Ministers’ Instructions**

Submitted by: Philippines



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



Philippines Compliance Activities relative to APEC Energy Ministers' Instructions




DEPARTMENT OF ENERGY

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*We instruct the EWG to **assess the potential for reducing the energy intensity of economic output in APEC economies** between 2005 and 2030, beyond the 25 percent aspirational goal already agreed by the APEC Leaders, with assistance from APERC, EGEDA and EGEEC*

ON-GOING PROGRAM/ACTIVITIES	PROGRAM FOR IMPLEMENTATION	FUTURE PROGRAMS
1. Power Patrol Program: Promote the use of Energy Efficient Technology and Best Practices in the Commercial, Industrial and Transport sectors	1. Industrial Energy Efficiency Project (UNIDO Funded Project)	1. Power Sector: Heat rate Improvement in Power Plant and Systems Loss Reduction
2. Conduct of Energy Audits in the industrial and Commercial facilities including government buildings.	2 Developmental Study on Energy Efficiency and Conservation in the Philippines (JICA)	2. Standard and Labelling for Brand New Passenger cars and other Light Duty Vehicles
3. Fuel Economy Run Activity (Promotion of Fuel Efficient Vehicle)		3. Demonstration Project on the Replacement of Airconditioning units in Government Buildings (UNEP)

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ON-GOING PROGRAM/ACTIVITIES	PROGRAM FOR IMPLEMENTATION	FUTURE PROGRAMS
4. Philippine Energy Efficiency Project: 4.1 Efficient Lighting Initiative (Govt. Retrofit, Residential Lighting, Public Lighting Retrofit, EE Testing and Lamp Waste Management) 4.2 Efficiency Initiatives in Buildings and Industries (Super ESCO, Efficient Bldg, Initiative)		4. Establish Energy Benchmark in the Commercial and Industrial sector 5. Development of Energy Audit Manual for Large energy intensive and Small and Medium Industrial Enterprises (SMIEs)

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ON-GOING PROGRAM/ACTIVITIES	PROGRAM FOR IMPLEMENTATION	FUTURE PROGRAMS
<p data-bbox="354 1234 561 1299">PROMOTING GREEN GROWTH</p> <p data-bbox="354 1318 623 1346">LOW EMISSION STRATEGY:</p> 5. Market Survey Study on the characteristics of Airconditioning Units in 100 Government Buildings.		6. Project concept Proposal for Technical assistance by UNEP in the Power Sector for Power Plant Heat Rate Improvement and Systems Loss Reduction in the Substations and Grid. 7. Promote Electric Tricycle as a replacement to the gasoline run motorized tricycles including technologically fuel efficient engine and/or using alternative-fuel technology in passenger cars (Hybrid, fuel injected combustion engine, and Hydrogen fuelled vehicle.

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*We Instruct the EWG and APERC to keep promoting energy efficiency through the **Peer Review on Energy Efficiency (PREE)** and the **Cooperative Energy Efficiency Design for Sustainability (CEEDS)**, and to consider follow-up efforts including capacity building activities, policy research support and processes to gauge the success of member economies' efforts to implement the recommendations of these programs.*

ON-GOING PROGRAM/ACTIVITIES	PROGRAM FOR IMPLEMENTATION	FUTURE PROGRAMS
1. Promote implementation of Energy Conserving Design in Buildings		1. Promote Energy Management Standard based on ISO 50001 Framework
2. Promote the use of ASEAN Energy Management System Handbook for the Commercial and Industrial Sector		2. Development of Green Building Energy Efficiency Rating System
3. Promote Energy Efficient Lighting System (Residential Lighting and Public Lighting)		

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ON-GOING PROGRAM/ACTIVITIES	PROGRAM FOR IMPLEMENTATION	FUTURE PROGRAMS
4. DOE participation at the CEEDS workshop held in Hongkong(Jan. 25-28, 2011) Challenges: a. Adoption of the existing Guidelines into the National Building Code b. Enforcement and Implementation of the Guidelines		

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ON-GOING PROGRAM/ACTIVITIES	PROGRAM FOR IMPLEMENTATION	FUTURE PROGRAMS
<p>PROMOTING GREEN GROWTH</p> <p>ENVIRONMENTAL GOODS: Philippines retained incentives under the Board of Investment(BOI) -Investment Priority Plan (IPP) for 2011 for manufactured goods under the “Green Projects” Preferred Activities Part I of the Investment Area.</p> <p>APEC GROWTH STRATEGY:</p> <ul style="list-style-type: none"> • Policy Development. (a) Development of Energy Conservation Bill; (b) Establishment of Energy Efficient Green Building Rating System • Capacity Building : National Training Seminar Workshop on EE&C Program for the Commercial and Industrial Sector (15 runs nationwide). • Public-Private Cooperation. “Don Emilio Abello Energy Efficiency Award” 		

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We instruct the EWG to conduct a series of workshops on the potential **fuel and carbon savings from electrification of the transport sector, energy efficient freight, transit-oriented development and other energy efficient transport strategies**, in cooperation with the TWG.

ON-GOING PROGRAM/ACTIVITIES	PROGRAM FOR IMPLEMENTATION	FUTURE PROGRAMS
1. Fuel Economy Run Activity (Promote Fuel Efficient Vehicle sold in the market)		1. Promotion of energy efficiency for aviation fuel enhancement
2. Promote use of fuel efficient vehicle (Hybrid, fuel cell/Hydrogen run vehicle)		2. Policy development and Promotion of energy efficiency in the large seaborne vessels (Passenger ships, Cargo ship, Tanker ship)
3. IEC Campaign: Fuel Conservation and Efficiency in Road Transport		

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ON-GOING PROGRAM/ACTIVITIES	PROGRAM FOR IMPLEMENTATION	FUTURE PROGRAMS
4. Project on Clean Fleet management Program for Government Fleets (MOA with Honda, Phil. Business for Environment and Clean-Air Initiative for Asian Cities Center, Inc.		

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*We instruct the EWG and EGEEC to strengthen the APEC Energy Standards Information System (ESIS) and to conduct a series of **Collaborative Assessments of Standards and Testing (CAST)** for the energy-intensive appliances identified by CEEDS in cooperation with the Renewables and Efficiency Deployment Initiative (Climate REDi) of the Major Economies Forum (MEF).*

ON-GOING PROGRAM/ACTIVITIES	PROGRAM FOR IMPLEMENTATION	FUTURE PROGRAMS
Standard and Labelling (Refrigerator 5-8 Cu. Ft / Aircon / CFL / Ballast		Standard and Labelling (Refrigerator more than 10 Cu. Ft. / Washing Machine / Cooling devices / Freezers)

