



Energi dan Sumber  
Daya Mineral, Indonesia



**ENERGY EFFICIENCY POLICIES IN ASEAN REGION**  
**A Workshop Sponsored by IPEEC-WEACT and MEMR**  
**Jakarta, October 18-20, 2011**

**Policy Dialogue on Energy Efficiency in ASEAN-Region**  
**October 18 2011**

**Location: Dharmawangsa Hotel, Jakarta**

TIME	AGENDA	PRESENTERS
08.30 – 09.00	REGISTRATION	
09.00 – 09.30	Welcome from IPEEC-WEACT Welcome from ACE Welcome & opening speech from MEMR	Prof. Sergio Garribba, Italian MoED Hardiv Harris Situmeang, Executive Director, ASEAN Centre for Energy Teguh Pamudji, Head of ETAEMR & Representative of Minister of Energy of Indonesia
<b>Keynote Addresses</b>		
09.30 – 09.45	Energy efficiency policy in Indonesia	Maryam Ayuni, Director, Energy Efficiency Unit, Directorate General of New, Renewable Energy and Energy Conservation
09.45-10.00	Energy efficiency progress and outlook in ASEAN-Region	Rehan Kausar, Project Administration Unit Head, SE Asia Division, Asian Development Bank
10.00-10.15	Role of energy efficiency in sustainable development	Luluk Sumiarso, Indonesian Institute for Clean Energy
10.15-10.45	<b>COFFEE BREAK AND GROUP PHOTO</b>	
10.45-11.00	Business cases for energy efficiency	Victor Zhou, Sub-regional Director for China and SE Asia, International Copper Association
11.00-11.15	Energy efficiency in emerging economies: challenges and opportunities	Kaushik Das, Lead Partner, Global Energy Practice, McKinsey & Company SE Asia
<b>Panel Discussions</b>		
11.15-12.15	Panel discussion 1: Delivery frameworks for energy efficiency policies	Panelists: Dicky Edwin Hindarto, Indonesian National Council on Climate Change; Rehan Kausar, ADB; Arthit Vechakij, Managing Director, Excellent Energy Int'l Thailand; Amit Bando, Executive Director, IPEEC. Moderated by Grayson Heffner, EE Advisor, IEA
12.15-13.30	<b>LUNCHEON</b>	
13.30-14.30	Panel discussion 2: Opportunities for regional cooperation on energy efficiency	Panelists: Kala Mulqueeny, Sr. Counsel, Asian Development Bank; Mayur Karmarkar, Asia Sustainable Energy leader, ICA; Rajiv Garg, SE Asia Climate Change Network; Cecilya Malik, Economic Research Institute for ASEAN and East Asia. Moderated by Amit Bando, IPEEC.
<b>Closing Session</b>		
14.30-15.00	Wrap-up and Way Forward Closing remarks	Prof. Garribba, Italian MoED Teguh Pamudji, Head of ETAEMR

*END OF POLICY DIALOGUE*



Energi dan Sumber  
Daya Mineral, Indonesia



**Workshop on energy efficiency policy capacity building in ASEAN-Region  
October 18-20 2011**

**Location: Dharmawangsa Hotel, Jakarta**

Day 1: October 18, 2011		
TIME	AGENDA	REMARKS
15.15-15.30	COFFEE BREAK AND WORKSHOP REGISTRATION	
15.30-16.00	Welcome by MEMR Introduction to the IPEEC-WEACT activity	Teguh Pamudji, Head of ETAEMR Amit Bando, IPEEC
<b>SESSION I: Action Planning for energy efficiency.</b> This opening session will introduce action planning concepts and their application in ASEAN region. Action planning is a versatile concept that officials and companies can use to identify the steps needed to implement energy efficiency policies and programs.		
16.00-16.20	Overview: action planning goals, approaches, and examples	Ron Benioff, Manager, International Programs, NREL
16.20-16.40	Case Study: action planning in the EU	Grayson Heffner, Senior Energy Efficiency Advisor, IEA
16.40-17:00	Energy efficiency action planning in ASEAN region	Beni Suryadi, Project Officer, ASEAN Centre for Energy
17.00-18.00	Group discussion: Cooperation on energy efficiency action planning in the region	Moderators: Beni Suryadi, ACE and Ron Benioff, NREL
19.00-22.00	POLICY DIALOGUE GROUP DINNER	

Day 2: October 19, 2011		
TIME	AGENDA	REMARKS
08.30-09.00	Registration	
<b>SESSION II: Energy Efficiency Financing.</b> This module will describe the challenges facing energy efficiency financing for project developers, financial institutions, development banks, and energy services companies (ESCOs). Panelists will present proven practice for mobilizing energy efficiency project and program finance, followed by an opportunity to discuss how these successes can be replicated throughout the region.		
9.00-9.30	Overview: Overcoming energy efficiency financing barriers in the region	Dilip Limaye, ECO-Asia Super-ESCO project consultant
9.30-10.45	Panel discussion: Funding and financing models for energy efficiency projects and programmes	Panelists: Amit Kumar, Assoc. Director, PWC India; Rehan Kausar, SE Asia Division, ADB; Arthit Vechakij, MD, Excellent Energy Int'l Thailand; Aldo Baietti, Lead Infrastructure Specialist, The World Bank
10.45-11.00	COFFEE BREAK	
11.00-12.00	Group discussion: Opportunities for ASEAN-Region cooperation on energy efficiency funding and financing	Moderator: Dilip Limaye, ECO-Asia
12.00-13.00	LUNCHEON	



### Day 2: October 19, 2011

**SESSION III: Energy Efficiency Indicators for ASEAN Countries.** Developing EE indicators is central to effective energy efficiency policies. This module will use case studies to illustrate EE indicators already adopted in ASEAN, and provide insights into data needs and data quality issues. The opportunities for regional cooperation on developing EE indicators will be highlighted, beginning with the ACE/EE&C-SSN efforts.

13.00-13.30	Overview: setting targets and monitoring policies using energy efficiency indicators	Nathalie Trudeau, IEA
13.30-14.30	Panel discussion: progress on establishing energy efficiency indicators in ASEAN-Region	Panelists: Beni Suryadi, ACE; Ibu Indarti, DGNREEC; Eliane Métreau, Project manager, Enerdata; Yoshida Kazuhiko, Manager, International Dept., Energy Conservation Center Japan; Cecilya Malik, Economic Research Institute for ASEAN and East Asia.
14.30-15.30	Group discussion: ASEAN-Region cooperation on EE indicators	Moderators: Nathalie Trudeau, IEA; Beni Suryadi, ACE
15.30-16.00	COFFEE BREAK	

**SESSION IV: Program Monitoring and Evaluation Tools.** Most ASEAN nations have designed and implemented energy efficiency (EE) policies. As these policies are implemented it is important to perform monitoring and evaluation at the program level. This module will use ASEAN and IPEEC case studies and focus on practical approaches to program monitoring and evaluation.

16.00-16.30	Overview: program monitoring best practice	Alessandro Federici, Italian ENEA
16.30-17.30	Panel discussion: Program monitoring experience in ASEAN region	Panelists: Peter DuPont, Nexant; Ram Bhaskar, Head of the Energy Efficiency Program Office, National Environment Agency Singapore; Ron Benioff, NREL; Nathalie Trudeau, IEA
17.30-18.30	Group discussion: Developing regional program monitoring guidelines	Moderator: Grayson Heffner, IEA

ADJOURN DAY 2

### Day 3: October 20 2011

TIME	AGENDA	REMARKS
<b>SESSION V: Sustainable Urban Energy Policies and Programs for ASEAN Region.</b> Cities account for over half of energy use and GHG emissions in the ASEAN region. Governments and development banks are increasingly looking to cities as the venue for developing and implementing sustainable development policies. This session will present and discuss emerging new practices for sustainable development in the ASEAN region urban context.		
09.00-9.30	Overview: Creating sustainable cities in ASEAN region	Maithili Iyer, Urban Energy Specialist, Energy & Environment Division, LBL
09.30-10.30	Panel discussion: Emerging practice for sustainable urban energy in the ASEAN region	Panelists: Dejan Ostojic, East Asia Pacific Energy Sector Lead, World Bank; Ir. Tri Rismaharini, MT, Mayor, Surabaya City (Invited); Rob Carr, Head of Environment & Sustainability, Happold Consulting; Rehan Kauser, Climate Change Specialist, ADB
10.30-11.00	Group discussion: Cooperation on sustainable urban energy for the region	Moderators: Maithili Iyer and Rob Carr
11.00-11.15	COFFEE BREAK	



### Day 3: October 20 2011

**SESSION VI:** One-on-one consultations with ASEAN country delegations. This session offers an opportunity for participants to interact directly with speakers and panelists. Delegates from each ASEAN country will be able to request a consultation using a sign-up sheet circulated during the workshop.

11.15-12.00	One-on-one consultations
-------------	--------------------------

12.00-13.00	LUNCHEON
-------------	----------

**SESSION VII:** Best practice in ASEAN regional cooperation. This session will describe regional cooperation in the area of CFL quality standards, power distribution, energy manager certification, and energy regulation to demonstrate how public-private sector cooperation can create regional solutions for ASEAN countries.

13.00-13.30	Overview: Creating conditions for regional cooperation	Steven Sim, CEO, ICA SE Asia
-------------	--	------------------------------

13.30-14.30	Panel Discussion: Case studies of successful regional cooperation in ASEAN region	<ol style="list-style-type: none"> <li>1. CFL quality standards in ASEAN region (Peter DuPont, VP- Asia Energy, Nexant)</li> <li>2. Regional harmonization in power distribution systems and residential energy efficiency (Bek Chee Jin, COO, ICA SE Asia)</li> <li>3. ASEAN Energy Management Scheme (Pierre Cazelles, AEMAS Project Advisor)</li> <li>4. ASEAN Energy Regulators Network (Kala Mulqueeny, Sr. Legal Counsel, ADB)</li> </ol>
-------------	---	---

14.30-15.00	Group discussion	Moderated by Amit Bando, IPEEC
-------------	------------------	--------------------------------

15.00-15.15	COFFEE BREAK
-------------	--------------

**SESSION VIII:** Bringing it all together – topical and/or sectoral small group discussions

15.15-16.30	Small group discussions	Moderated by IPEEC-WEACT team
-------------	-------------------------	-------------------------------

16.30-17.00	Present small group discussion results	Group leaders
-------------	--	---------------

17.00-18.00	Homework assignments and wrap-up	WEACT team
-------------	----------------------------------	------------

19.00-22.00	CAPACITY BUILDING WORKSHOP FAREWELL DINNER	
-------------	--	--

### IPEEC-WEACT Team

Organization	Individual	Specialty
ECCJ	Yoshida Kazuhiko	Industrial energy management
IEA	Grayson Heffner	EE policies and action plans
IEA	Nathalie Trudeau	EE indicators
IPEEC	Amit Bando	EE policies and international cooperation
Italian ENEA	Alessandro Federici	Program monitoring and evaluation
Italian MoED	Prof. Sergio Garribba	EE policies and international cooperation
Italian GSE	Agime Gerbeti	EE policies and markets
Italian MoED	Wolfgang D'Innocenzo	EE policies and international cooperation
US LBL	Maithili Iyer	Sustainable urban energy policies
US NREL	Ron Benioff	EE policies and action plans