

United Nations Forum on Energy Efficiency and Energy Security for Sustainable Development: Taking Collaborative Action on Mitigating Climate Change

Expert group meeting co-organized by:
United Nations Department of Economic and Social Affairs
Korea Energy Economics Institute (KEEI)
Korea Chamber of Commerce and Industry (KCCI)

In collaboration with:
Ministry of Commerce, Industry and Energy
Republic of Korea

Council Chamber
Korea Chamber of Commerce and Industry
17-18 December 2007
Seoul, Republic of Korea

Programme

MONDAY, 17 DECEMBER

OPENING SESSION

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| 9:30-11:00 | WELCOME ADDRESSES | Ban Ki-yual, President of KEEI Kim Sang-yeol, Vice Chairman of KCCI Kathleen Abdalla, Officer-in-Charge, Division for Sustainable Development, United Nations DESA, New York |
| | OPENING STATEMENT | Koh Jung-sik, Deputy Minister of the Ministry of Commerce, Industry and Energy (MOCIE), Republic of Korea |
| | KEYNOTE SPEAKERS | |
| | <i>Beyond Bali: Perspectives for Addressing the Challenge of Climate Change in the Context of Sustainable Development</i> | |
| | | Han Seung-soo, Former Foreign Minister of the Republic of Korea, and Special Envoy on Climate Change of the United Nations Secretary-General |
| | <i>Enhancing Energy Efficiency and Energy Security for Sustainable Development</i> | |
| | | Barry Worthington, Executive Director, United States Energy Association, Washington, D.C. , United States of America |
| | <i>Realizing the Potential of Energy Efficiency: Overcoming Barriers</i> | |
| | | Steven Nadel, Executive Director, American Council for an Energy Efficient Economy (ACEEE), Washington, D.C., United States of America Ron P. Kool, Vice Chair, European Council for an Energy Efficient Economy (ECEEE) and Manager, International Sustainable Development Department, SenterNovem, The Netherlands |
| 11:00-11:15 | COFFEE BREAK | |

SESSION I REALIZING ENERGY EFFICIENCY IN INDUSTRY: POLICIES AND COOPERATION POTENTIALS

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| 11:15-13:00 | Co-Chairs: Park Young-woo, President, Business Institute of Sustainable Development(BISD), Republic of Korea and Kathleen Abdalla, Officer-in-Charge, Division for Sustainable Development, UN DESA, New York |
| | <ul style="list-style-type: none"> • <i>Industrial Energy Efficiency Promotion Policies in the Republic of Korea</i> by Yoo Seung-jick, Senior Research Fellow, Korea Energy Economics Institute(KEEI), Republic of Korea • <i>Korea Carbon Fund for Energy Efficiency</i> by Lee Jusu, Team Head, Resource Development Management Team, Korea Investment Trust Management Co., Ltd., Republic of Korea • <i>Promotion of Energy Efficiency in China</i> by Bai Quan, Deputy Director, Energy Efficiency Center (ERI,NDRC), Beijing, China |

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| | <ul style="list-style-type: none"> • Promotion of Energy Efficiency in Industries: Policies and Experiences in India by K.K.Chakarvarti, Bureau of Energy Efficiency, Government of India • Promotion of Energy Efficiency in industries: Experiences from Kenya by Paul Kirai, National Project Manager, IEE Project, Kenya Association of Manufacturers, Nairobi, Kenya |
| | <p>Roundtable/Q&A with invited panellists</p> <p>Panellists: Zhu Lin, Chief, Training Department, Energy Management Company Association, China; Lelissa Daba, Ethiopia Cleaner Production Centre, Addis Ababa, Ethiopia; Noezran Azwar, KONEBA, Jakarta, Indonesia</p> |
| 13:00-14:00 | LUNCH |
| <p>SESSION II PROMOTING ENERGY EFFICIENT AND LOW EMISSIONS BUILDINGS, URBAN PLANNING AND ARCHITECTURE</p> | |
| 14:00-15:45 | Co- Chairs: Lee Seung-eon, Director, Korea Institute of Construction and Technology(KICT), Republic of Korea and Dharinee Jotikasthira, Energy Consultant, Energy Policy and Planning Office, Bangkok, Thailand |
| | <ul style="list-style-type: none"> • Overview on Policy Options for Enhancing Energy Efficiency in Buildings by Kathryn Janda, Senior Researcher, University of Oxford, United Kingdom • Energy Efficient and Sustainable Architecture by Josie Close, Department of Architecture, University of Hong Kong • Promoting Energy Efficiency in the Hotel Industry by Le Hoang Viet, Director, ENERTEAM, Ho Chi Minh City, Viet Nam • Energy Efficiency in Economies in Transition: The Role of Municipalities by Petar Kambarov, Deputy Director, EnEFFECT, Sofia, Bulgaria |
| | <p>Roundtable/Q&A with invited panellists</p> <p>Panellists : Konstantin Dimitrov, Director, Energy Efficiency Center, Skopje, The Former Yugoslav Republic of Macedonia; Giorgi Abulashvili, Director, Energy Efficiency Center, Tbilisi, Georgia; Yoon Yong-sang, Senior Researcher, Korea Institute of Construction and Technology(KICT), Republic of Korea</p> |
| 15:45-16:15 | COFFEE BREAK |
| 16:15-16:30 | <p>SPECIAL LECTURE</p> <p>Realizing the Potential of Energy Efficiency: Targets, Policies and Measures for G8 Countries –Summary of a UN Foundation Supported Study Park Hi-Chun, Inha University, Republic of Korea</p> |

SESSION III PUBLIC BENEFIT CAMPAIGNS FOR ENERGY EFFICIENCY

16:30-18:00 Co-Chairs: Ralph Wahnschafft, Energy and Transport Branch, Division for Sustainable Development, United Nations DESA, New York and Chirasak Boonrowd, Deputy Director, Energy Conservation Center Thailand, Bangkok

- **“TopTen” Campaign in Europe: Promoting Consumer Awareness and Preferences for Energy Efficiency**, by Anne Arquit Niederberger, Policy Solutions, New York, United States of America (on behalf of TopTen International Group)
- **“Divide-by-2” Energy Efficiency Campaigns in Thailand** by Tanongsak Wongla, Energy Conservation and Renewable Energy Division, Ministry of Energy, and Dharinee Jotikasthira, Consultant, Bangkok, Thailand
- **Energy Efficiency Campaigns in China**, by Jing Hui, Head of Communications, WWF China¹
- **Public Benefit Campaigns for Energy Efficiency in Macao**, by Arnald Santos, Director GDSE, Macao, S.A.R. China
- **Overview on Other Public Benefit Campaigns** by Kim Kyung-hee, Consultant, Republic of Korea

TUESDAY, 18 DECEMBER

SESSION IV PROMOTING ENERGY EFFICIENCY IN LIGHTING AND APPLIANCES

9:15-11:00 Co-Chairs: Kim Jong-wook, Principal Researcher, Korea Institute of Energy Research(KIER), Republic of Korea and Phuong Hoang Kim, Expert, Science and Technology Department, Energy Efficiency Office, Viet Nam

- **Minimum Energy Efficiency Standards: Issues and Co-operation Potentials** by Sommai Phon-Amnuaisuk, IIEC, Thailand
- **Promoting Energy Efficiency Standards in China** by Rumai Chen, Director, Shanghai Energy Conservation Supervision Center, Shanghai, China;
- **Policies for Reduction of Stand-by Electricity Consumption** by Kim Yung-rae, Manager, Korea Energy Management Corporation(KEMCO), Republic of Korea

Roundtable/Q&A with invited panellists

Peceli Nakavulevu, Department of Energy, Fiji and Phuong Hoang Kim, Expert, Science and Technology Dept., Energy Efficiency Office, Viet Nam

¹ Presentation submitted; expert not able to attend.

SESSION V PERSPECTIVES FOR GREATER ENERGY EFFICIENCY IN TRANSPORT

11:15-12:30 Co-Chairs: Lee Sung-won, Research Fellow, Korea Transport Institute (KOTI) , Republic of Korea; and Mentor Poveda, Organization Latino-Americana de Energia – OLADE, Quito, Ecuador;

- **Sustainable Urban Public Transport in Developing Countries: The Experience of Colombia** by Astrid Martinez Ortiz, General Manager, Empresa de Energia de Bogota, Colombia
- **Experiences in Peru with Conversion of Vehicles from Gasoline to Natural Gas** by Johnny Nahui Ortiz, CENERGIA, Lima, Peru
- **Transportation Policies for Reducing GHG Emissions in the Republic of Korea** by Jo Jun-haeng, Research Associate, The Korea Transport Institute (KOTI), Republic of Korea

12:30-13:00 **SPECIAL KEYNOTE ON DESIGNING ECO SKYSCRAPERS**
Ken Yeang, Design Director, Llewelyn Davies Yeang, Architects, Kuala Lumpur, Malaysia and London, United Kingdom

13:00-14:00 **LUNCH**

SESSION VI ROUNDTABLE DISCUSSION ON PERSPECTIVES FOR NORTH-SOUTH AND SOUTH-SOUTH COOPERATION IN ENERGY EFFICIENCY

14:00-15:30 Co-Chairs: Steven Nadel, Executive Director, American Council for an Energy Efficient Economy, Washington, D.C., USA and Paul Kirai, National Project Manager, Kenya Association of Manufacturers, Nairobi, Kenya

Options for Expert Networking Between Developing Countries

Panellists:

- Mentor Poveda, Organization Latino-Americana de Energia – OLADE, Quito, Ecuador
- Sergey Sumin, Executive Director, Agency for Rational Energy Use and Ecology, Kiev, Ukraine
- Ron P. Kool, ECEEE, The Netherlands

Discussion and Adoption of Conclusions and Recommendations

Moderated by Anne Arquit Niederberger, Policy Solutions, Independent Consultant, USA

15:30-16:00 **COFFEE BREAK**

SESSION VII PLENARY ROUNDTABLE ON ENERGY EFFICIENCY, ENERGY SECURITY AND CLIMATE CHANGE MITIGATION: PERSPECTIVES FOR REGIONAL COOPERATION

16:00-17:30 Co-Chairs: Pranesh C. Saha, UN ESCAP, Bangkok and Tsegmid Sukhbaatar, Director, Ministry of Fuel and Energy, Mongolia

- **Energy Security and Sustainable Development: Asia-Pacific Perspectives** by Pranesh C. Saha, Chief, Energy Resources Section UN ESCAP Bangkok
- **Cooperation on Energy Efficiency and Energy Security: Perspectives from the Russian Federation** by Andrey Shastitko, General Director, Foundation "Bureau of Economic Analysis", Moscow, Russian Federation
- **Kazakh Perspectives for Energy Cooperation: Building the "Energy Silk Road"** by Birlés Aliyarov, Director, Institute of Energy Study, Astana, Kazakhstan;

Roundtable/Q&A with invited panellists

Tsegmid Sukhbaatar, Director, Ministry of Fuel and Energy, Mongolia and Lim Jae-kyu, Senior Research Fellow, Korea Energy Economics Institute(KEEI), Republic of Korea

CLOSING SESSION

17:30-18:00 **CLOSING REMARKS**

- Ralph Wahnschafft, Energy and Transport Branch, Division for Sustainable Development, UN DESA
- Lim Jae-kyu, Senior Research Fellow, Korea Energy Economics Institute(KEEI), Republic of Korea