MONITORING PROGRESS TOWARDS A CLEAN ENERGY ECONOMY

16-17 November 2011

AGENDA

International Energy Agency
9, rue de la Fédération
Paris 75015

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Day 1

9:00		Welcome - Introductions - Meeting Objectives	*Rob Kool, Chair, Expert's Group; Manager, International Sustainable Development, NL Agency (Netherlands)*
9:15		Opening Remarks	*Amb. Richard Jones, Deputy Executive Director International Energy Agency*
MONITORING MILESTONES AND PROGRESS			
9:30	1	IEA Tools and Analysis to Accelerate the Clean Energy Technology Revolution: *Energy Technology Perspectives* 2012	*Lew Fulton, Head, Energy Technology Policy International Energy Agency*
10:00	2	Monitoring and Evaluating Progress in Developing and Deploying Low-Carbon Technologies: *Energy Technology Perspectives* 2012 Progress Tracking	*Antonia Gawel, Analyst, Energy Technology Policy International Energy Agency*
10:30		Break	
11:00	3	Developing a Framework For Monitoring Progress: Challenges and Opportunities	*Robert Marlay, Director, Climate Change Policy and Technology, Department of Energy (United States)*
11:45	4	Energy Technology Perspectives, Blue Map Scenario: Goals, Targets, and Assumptions	*Uwe Remme, Analyst, Energy Technology Policy International Energy Agency*
12:30		Lunch	
ENERGY SUPPLY TECHNOLOGIES			
Moderator: Birte Holst-Jorgensen			
14:00	5	Solar PV and Concentrating Solar Power	*Wim Sinke , Programme & Strategy Solar Energy, Energy Research Centre of the Netherlands*
14:45	6	Wind Power	*Birte Holst-Jorgensen and Sascha Schroeder, Systems Analysis, Risø DTU National Laboratory for Sustainable Energy (Denmark)*
15:30		Break	
16:00	7	Biofuels and Biomass Power	*Josef Spitzer, Professor, Graz University of Technology, Member (Austria). Bioenergy Implementing Agreement*
16:45	8	a) Geological CO2 Sequestration: Prognosis as a Clean Energy Strategy b) CO2 Capture and Separation: Technology Costs and Progress	*Fedora Quattrocchi , Geological Storage & Geothermics, INGV University Tor Vergata* *Charles Taylor, National Energy Technology Laboratory, Department of Energy (United States)*
17:30		Close Day 1	

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Day 2

DEMAND SIDE TECHNOLOGIES			
Moderator: Herbert Greisberger, Austrian Energy Institute			
9:00	9	Energy Efficient Buildings -- Focus on Heating & Cooling Equipment	*Rod Janssen, Head, Buildings, European Council for an Energy Efficient Economy (France)*
9:45	10	Energy Efficient Residential Appliances	*Frank Klinckenberg, Klinckenberg Consultants (Netherlands)*
10:30		Break	
CROSS CUTTING TECHOLOGIES			
Moderator: Ugo Farinelli, Italian Association of Energy Economics			
11:00	11	Energy Storage - Batteries	*Dr. Andy Chu, Vice President, Marketing and Communications, A123 Systems*
11:45	12	Smart-Grids	*Russ Conklin, Policy Analyst, Office of Policy and Intl. Affairs, Department of Energy (United States)*
12:30		Lunch	
EFFECTIVE ROLLUP, BENCHMARKING AND COMMUNICATINGTHE RESULTS: CHALLENGES AND OPPORTUNUTIES: Reflection, Discussion and Next Steps			
Moderator: Bob Marlay, U.S. Department of Energy			
13:30	13	Performance Metrics Framework: Synthesis and Opportunities to Add Value to the IEA Monitoring and Evaluation Process	*John Peterson, Program Analysis and Evaluation, Department of Energy (United States)*
14:15	14	European Union SET-Plan -- Monitoring and Review Framework	*Estathios Peteves, Joint Research Centre Institute for Energy, European Commission*
15:00		Break	

15:15	15	Open Discussion – With the goal of providing a *Workshop Report* and timely input to IEA, first, for the CEM Progress Report and, second, for a longer-term framework of enhanced progress monitoring metrics, what have we learned regarding the Questions below?	*Moderator, with Members of the EGRD and Guests*
Objective 1 -- Input to Progress Report: *Compared to ETP Blue Map scenarios, from present day to 2050, which technologies appear to be making progress as expected, and which are not?* *What are the major barriers to inhibiting greater development and deployment? Can these be characterized by categories, such as: (a) policy; (b) socio-economic; and (c) technical and/or cost?* *What would be the most important messages for the audience (IEA Member Countries, Clean Energy Ministers, etc.)?* *What are the most important actions that IEA Member Countries might take to address barriers?* *For technical and cost-reduction barriers, what are the most fruitful areas or opportunities for enhanced R&D cooperation to address technologies that are not progressing as expected?*			**Objective 2 – Enhanced Metrics Framework** *What metrics are most meaningful and indicative of progress, and can they form a real-time set of leading indicators that would signal need for action.* *What are the elements of an effective, integrated framework for monitoring, evaluating and communicating progress on key technologies?* *What lessons can be learned from the private sector, or from public-private partnerships in monitoring progress on technology development and commercialization?* *What approaches are most effective in communicating results to inform decision-making, feed into the prioritization or restructuring of research investments and related policies, and achieve desired outcome?*
17:00	16	Wrap-Up, Summary, and Next Steps	*Moderator, and Craig Zamuda, Office of Policy and International Affairs, Department of Energy (United States)*
17:15	17	Workshop Conclusion	*Rob Kool, Manager, International Sustainable Development, NL Agency (Netherlands)*
17:30		Close	