

COP17/CMP7

**SOUTH AFRICAN DEPARTMENT OF ENERGY SA CCR EXPO
ENERGY SIDE EVENTS**

November 28-9 December, 2011

**Organized by the Department of Energy,
Republic of South Africa**

TUESDAY, NOVEMBER 29TH, 2011

Tuesday November 29th – CCR Expo (Umdloti room) – Durban	
09:00 - 11:30	BUILDING ENERGY EFFICIENCY SEMINAR
<p><i>Discussions on options for Green and Energy Efficiency policies and measures in buildings</i> <i>Leading public and private sector organisations explore intersections between energy demand, efficient buildings and communities and climate change in South Africa. Policies, frameworks and financial mechanisms that address building and city sector emissions are discussed, in the context of sustainable development.</i></p>	
Moderator	<i>Mr. M. Kolisa , Executive Director: Municipality Infrastructure Services, South Africa Local Government Association</i>
9:00 – 9:10	<p>Welcome note <i>Mr. M. Kolisa , Executive Director: Municipality Infrastructure Services, South Africa Local Government Association</i></p>
9:10 – 9:30	<p>Towards green building policy framework <i>Mr. M. Xulu, Property Policy , Department of Public Works, Republic of South Africa</i></p>
9:30 – 9:50	<p>Perspective on Energy Efficiency Building Regulations <i>Mr. R. Milford, Programme Manager, Construction Industry Performance</i></p>
09:50 – 10:10	<p>An approach to enhance the Inspection and Monitoring of Compulsory energy efficiency specifications <i>Mr. R. Opperman, Executive, National Regulator for Compulsory Specifications (NRCS)</i></p>
10:10 – 10:30	<p>Policy Pathway to energy performance certification in the buildings sector <i>Dr. Veronika Gyuricza, Programme Manager, Global Energy Dialogue International Energy Agency(IEA)</i></p>
10:30 – 10:50	<p>Climate change mitigation in the building sector <i>Mr. F. Droz, Regional Director, Swiss Agency for Development and Cooperation (SDC)</i></p>
10:50 – 11:00	<p>Case Study on Energy Efficient Housing project: The Witsand iEEECO Human Settlement <i>Mr. M. Guy, Managing Director, Peer Africa</i></p>
11:00 – 11:20	Discussion
11:20 – 11:30	<p>Closing <i>Mr. M. Kolisa , Executive Director: Municipality Infrastructure Services, South Africa Local Government Association</i></p>

THURSDAY, DECEMBER 1ST, 2011

Thursday December 1st – CCR Expo (Umdloti room) – Durban	
09:00 - 15:00	Carbon Capture and Storage Seminar
<p><i>Challenges and opportunities: Carbon Capture and Storage Technology.</i> <i>Carbon capture and storage (CCS) is a plan to mitigate climate change by capturing carbon dioxide from large point sources such as power plants and subsequently storing it away safely instead of releasing it into the atmosphere. The Intergovernmental Panel on Climate Change (IPCC) argued that CCS could contribute between 10% and 55% of the cumulative worldwide carbon-mitigation effort over the next 90 years. Although a CCS coal power plant requires up to 40% more energy to run than a regular coal plant, CCS could potentially capture about 90% of all the carbon emitted by the plant. However, governments should provide advice on the policies, institutional and regulatory changes required to enhance developing and using carbon capture and storage to reduce greenhouse gas emissions. In addition, there must be clear, efficient and consistent regulatory requirements and authority for permitting all phases of the capturing, transportation and storage of carbon dioxide.</i></p>	
I SESSION	
Moderator	<i>Ms. N. Magubane, Director General, Department of Energy, Republic of South Africa</i>
09:00 – 09:25	Registration
09:30 – 09:40	Introduction <i>Ms. N. Magubane, Director General, Department of Energy, Republic of South Africa</i>
09:40 – 10:25	High Level Dialogue on Challenges and Opportunities for CCS <ul style="list-style-type: none"> - <i>Honourable Minister E.D. Peters, Minister of Energy, republic of South Africa;</i> - <i>Honourable Minister A. I. A. Naimi, Minister of Petroleum and Mineral Resources, Saudi Arabia</i> - <i>Mr. S. Svenningsen, Assistant Deputy Director General, Ministry of Petroleum and Energy, Norway .</i> - <i>Mr. P. Eardley-Taylor, Head of Energy Utilities and Infrastructure Coverage, Standard Bank</i>
10:25 – 10:40	Discussion
10:40 – 11:00	Coffee Break
II SESSION	
<i>Can CCS deliver on its promises in the fight against Climate Change? An international perspective on the status of CCS</i>	
Moderator	<i>Mr. T. Surrige, Professor, Advanced Clean Coal, South African Centre for Carbon Capture and Storage (SACCCS)</i>
11:00 – 11:10	Introduction <i>Mr. T. Surrige, Professor, Advanced Clean Coal, South African Centre for Carbon Capture and Storage (SACCCS)</i>
11:10 - 11:20	CCS within a portfolio of options <i>Ms. E. Levina, Energy Analyst, CCS Unit, International Energy Agency (IEA)</i>
11:20 – 11:30	CCS Projects under development Internationally <i>Mr. B. Page, CEO, Global CCS Institute (GCCSI)</i>

11:30 – 11:40	Technology Roadmap on Carbon Capture and Storage in Industrial Applications <i>Mr. K. Nguyen, Senior Development Officer the Energy and Climate Change Branch, UNIDO</i>
11:40 – 11:50	UK: leading the world in CCS policy <i>Mr. T. Dixon , Manager CCS and Regulatory Affairs, (IEA GHG)</i>
11:50 – 12:00	Alstom: CCS technology internationally <i>Ms G Andrews, Vice President, Environmental Policies and Global Advocacy, Alstom</i>
12:00 – 12:30	Discussion
12:30 - 13:00	Lunch
III SESSION	
<i>Are developing, non-annex-I countries ready for CCS? A South African and international CCS roundtable</i>	
Moderator	<i>Mr. K. Nassiep, CEO, South Africa National Energy Development Institute (SANEDI)</i>
13:00 – 13:05	Introduction <i>Mr. K. Nassiep, CEO, South Africa National Energy Development Institute (SANEDI)</i>
13:05 – 13:15	CCS in the developing world <i>Ms. N. Kulichenko, Senior Energy Specialist, Sustainable Energy Department, World Bank</i>
13:15 – 13:25	Can developing countries afford CCS? Including CCS in the CDM. <i>Mr. T. Dixon , Manager CCS and Regulatory Affairs, IEA GHG</i>
13:25 – 13:35	A roadmap for CCS in South Africa <i>Mr. B. Beck, Manager, South African Centre for Carbon Capture and Storage (SACCCS)</i>
13:35– 13:55	An industry perspective of CCS <ul style="list-style-type: none"> - <i>Mr. J. Liebenburg, CO₂ Manager, Sasol Petroleum International</i> - <i>Mr. B. MacColl, Research, Testing and Development Manager, Group Technology, ESKOM</i>
13:55 – 14:05	An Environmental NGO perspective <i>Mr. R. Worthington, Manager, Climate Change Programme, Living Planet Unit, WWF</i>
14:05 – 14:35	Discussion
14:35 – 14:45	Closing Remarks and Adjourn <i>Mr. T. Maqubela, Deputy Director-General: Energy Planning & Hydrocarbons, Department of Energy, Republic of South Africa</i>

THURSDAY, DECEMBER 1ST, 2011

Thursday December 1st – CCR Expo (Umdloti room) – Durban	
15:30 – 17:30	TRANSPORT FUEL EFFICIENCY AND BIOFUELS
<p><i>Discussion on the promotion and importance of Fuel efficiency, and bio-fuels options for climate change mitigation in the transport sector.</i></p> <p><i>Transport, unlike other energy-consuming sectors, relies predominantly on a single fossil resource, which leads to green house gas emissions, air pollution, congestion and energy security (oil import) problems. Solutions, therefore, cannot be focused on GHG emissions alone but rather on other options such as the development of hydrogen-powered fuel-cell vehicles and bio-fuels, and improving conventional technologies.</i></p> <p><i>This session will primarily focus on improving the fuel economy of road vehicles – the policies and technologies that are needed and progress in countries to date.</i></p>	
Moderator	<i>Dr. V. Msimang, Chief Director, Department of Science & Technology, Republic of South Africa</i>
15:30 – 15:35	<p>Introduction <i>Dr. V. Msimang, Chief Director, Department of Science & Technology, Republic of South Africa</i></p>
15:35 - 15:50	<p>Global fuel economy status <i>Mr. M. Walsh, Chair of the Board, International Council on Clean Transportation (ICCT)</i></p>
15:50 - 16:05	<p>Fuel economy roadmap <i>Ms. C. Tam, Senior Analyst, Energy Technology Policy Division, International Energy Agency (IEA)</i></p>
16:05 - 16:20	<p>South Africa's Green Transport – Electric Vehicle Initiative, SANEDI <i>Mr C. Snyman, Senior Manager, Green Transport, SANEDI</i></p>
16:20 - 16:35	<p>Fuel economy policy pathway <i>Ms. L. Ryan, Senior Analyst, Energy Efficiency Unit, International Energy Agency (IEA)</i></p>
16:35 - 16:50	<p>Biofuels roadmap <i>Mr. P. Frankl, Head, Renewable Energy Division, International Energy Agency (IEA)</i></p>
16:50 – 17:20	Discussion
17:20 – 17:30	<p>Closing <i>Mr. V. Msimang, Chief Director, Department of Science & Technology, Republic of South Africa</i></p>

FRIDAY, DECEMBER 2ND, 2011

Friday December 2nd – CCR Expo (room) – Durban	
14:30 – 16:30	8. CLEAN ENERGY FINANCING SEMINAR :- POLICY EFFECTIVENESS
<p><i>According to the International Energy Agency (IEA), \$6 trillion will need to be invested in renewable electricity and bio-fuels over the next 25 years just to meet current emissions reduction commitments. However, climate policy plays a significant role in driving clean energy investment, and also impact the cost, availability, requirements and structure of finance. In addition, financing is necessary for clean energy technology commercialization and for the transition to a low-carbon economy. This session will look at the investment needs to achieve an Energy Technology Revolution and identify possible sources of finance and how to leverage greater private sector finance with public finance mechanisms.</i></p>	
Moderator	<i>Mr. S. Tshabalala, Group Deputy Chief Executive Officer, Standard Bank, South Africa</i>
14:30 – 14:35	<p>Introduction <i>Mr. S. Tshabalala, Group Deputy Chief Executive Officer, Standard Bank, South Africa</i></p>
14:35 – 14:50	<p>Clean energy finance requirements to transform the energy sector <i>Ms. C. Tam, Senior Analyst, Energy Technology Policy Division, International Energy Agency (IEA)</i></p>
14:50 – 15:05	<p>“A carbon price is not enough - policy perspectives on climate finance” <i>Ms. C. Hood, Energy Analyst, International Energy Agency (IEA)</i></p>
15:05 – 15:20	<p>Pension funds financing green growth and developments in the green bond market <i>Mr. C. Kaminker, Economist, Environment Directorate, OECD</i></p>
15:20 – 15:35	<p>Role of multilateral development banks <i>Ms. P. Bliss-Guest, Program Manager, ENVCI unit, World Bank</i></p>
15:35 – 15:50	<p>Leveraging private finance <i>Mr I. Ahmad, Executive Director, Morgan Stanley</i></p>
15:50 – 16:05	<i>Mr. A. Amin, Director General, International Renewable Energy Agency (IRENA)</i>
16:05 – 16:25	Discussion
16:25 – 16:30	<p>Closing <i>Mr. S. Tshabalala, Group Deputy Chief Executive Officer, Standard Bank, South Africa</i></p>

FRIDAY, DECEMBER 2ND, 2011

Friday December 2nd – CCR Expo (room) – Durban	
16:30 – 18:30	9. ENERGY EFFICIENCY FINANCING
<p><i>Financing is one of the largest barriers to improving energy efficiency in developing countries. This session will examine several approaches to how this barrier can be overcome, so that ultimately private sector finance drives investment in energy efficiency. The design of climate funds to facilitate their use in financing energy efficiency projects will be important in developing countries and public-private partnerships can be a useful way to kick-start the market in financing energy efficiency.</i></p> <p><i>This session will present the latest IEA work in these areas and some experience from financing national energy efficiency programmes. In addition, the session will be interactive and will discuss questions relating to how best to structure public finance to leverage private investment in energy efficiency.</i></p>	
Moderator	<i>Mr. A. Donaldson, Deputy-Director General, Public Finance, Republic of South Africa</i>
16:30 – 16:35	<p>Introduction</p> <p><i>Mr. A. Donaldson, Deputy-Director General, Public Finance, Republic of South Africa</i></p>
16:35 – 16:55	<p>Policy pathway for public-private approaches to finance energy efficiency</p> <p><i>Ms. L. Ryan, Senior Analyst, Energy Efficiency Unit, International Energy Agency (IEA)</i></p>
16:55 - 17:15	<p>Designing the Green Climate and other funds to maximise energy efficiency potential</p> <p><i>Ms. C. Hood, Energy Analyst, International Energy Agency (IEA)</i></p>
17:15 – 17:35	<p>Mexican experience with climate finance for energy-efficient equipment</p> <p>–</p> <p><i>Mexican government official</i></p>
17:35 – 17:55	<p>Innovative finance for the retrofit of commercial buildings</p> <p><i>Ms. R. Ried, Global Leadership Fellow and Head of the Real Estate & Urban Development Industry, World Economic Forum</i></p>
17:55 – 18:25	Discussion
18:25 – 18:30	<p>Closing</p> <p><i>Mr. A. Donaldson, Deputy-Director General, Public Finance, Republic of South Africa</i></p>

MONDAY, DECEMBER 5TH, 2011

Monday December 5th – CCR Expo (Umdloti room) – Durban	
08:30 – 10:30	MARKET DEVELOPMENT SEMINAR FOR CLEAN ENERGY - <i>Scaled-up market mechanisms: challenges and opportunities for energy policy</i>
<p><i>Scaling up the contribution of the carbon market in delivering mitigation has been the topic of much discussion since the establishment of the Bali Action Plan.</i></p> <p><i>This session will explore how such mechanisms must rest on solid energy policy grounds in order to deliver the expected mitigation and finance; it will also provide examples of barriers and opportunities for new scaled-up market mechanisms to support policies in the energy sector.</i></p>	
Moderator	<i>Mr. B. Diczfalusy, Director of Sustainable Energy Policy and Technology, International Energy Agency (IEA)</i>
8:30 – 8:40	Introduction <i>Mr. B. Diczfalusy, Director of Sustainable Energy Policy and Technology, International Energy Agency (IEA)</i>
8:40 – 10:20	Panellist s <ul style="list-style-type: none"> - <i>Mr. R. Baron, Senior Policy Analyst, Climate Change, International Energy Agency (IEA)</i> - <i>Mr. G. Phillips, Chief Climate Change Officer, Carbon Sindicatum</i> - <i>Mr. K. Jiang, Director, Energy Research Institute (ERI), National Development and Reform Commission, China</i> - <i>Mr. Henry Derwent, Chairman and CEO, IETA</i> - <i>Mr A. Gilder, Director, Sustainable Law Specialists Ltd, South Africa</i> - <i>Mr. G Hodes, Director, Africa Carbon Asset Development, UNEP</i> Discussion
10:20 – 1030	Closing <i>Joan MacNaughton, Alstom Power, World Energy Council</i>

Monday December 5th – CCR Expo (Umdloti room) – Durban

11:00 – 13:00	Meeting the Millennium Development Goals - Financing Energy Access for All
<p><i>Presenting "Financing energy access for all": In the run up to RIO+20 and as a supporting analysis to meet the MDGs the IEA released in October a new study that assess the financing requirements to provide electricity and clean cooking fuels for all the currently deprived. Building on this analysis the event/presentation discusses which financing mechanisms and sources better fit the South African and Sub-Saharan Africa energy sector. The intersection between improved access and reducing emissions is also discussed.</i></p>	
Moderator	<i>Mr. H. O. Ibrekk, Policy Director – Climate Coordinator, Norwegian Agency for Development Cooperation (Norad), Norway</i>
11:00 – 11:10	<p>Introduction & Welcome <i>Honourable Ms. B. Thompson , Deputy Minister, Republic of South Africa Ambassador R. Jones, Deputy Executive Director, IEA</i></p>
11:10 – 11:25	<p>Presentation of the IEA analysis : Financing energy access for all <i>Mr. F. Birol, Chief Economist, International Energy Agency (IEA)</i></p>
11:25 – 12:50	<p>Roundtable discussion</p> <ul style="list-style-type: none"> - <i>Honourable Mr. B. Parthan, Deputy Director General, Renewable Energy and Energy Efficiency Partnership (REEEP)</i> - <i>Mr. M. Takada, Head of the Sustainable Energy Programme at the Environment and Energy Group , United Nations Development Programme (UNDP)</i> - <i>Mr. S. Lennon, Managing Director for Resources and Strategy Division, Eskom</i> - <i>Ms. P. Bardouille, Global Product Specialist, Sustainable Business. Advisory, International Finance Corporation (IFC)</i> - <i>Ms N. Wright, Africa Network Coordinator, ENERGIA International Network on Gender and Sustainable Energy</i> - <i>Mr A. G. Smith, Executive Director, National Economic Development and Labour Council , South Africa</i> - <i>Mr. P. Nussbaumer, Industrial Development Officer, United Nations Industrial Development Organization (UNIDO)</i> - <i>Mr. T. P. Nchocho, Executive Manager, Development Bank of Southern Africa, South Africa</i> - <i>Mr. Brice Quesnel, Senior Carbon Finance, World Bank</i>
12:50 – 13:00	Closing

MONDAY, DECEMBER 5TH, 2011

Monday December 5th – CCR Expo (room) – Durban	
17:30 – 20:00	14. LOCK-IN IN THE ENERGY SECTOR AND COST OF DELAYING ACTION.
<p><i>Past and current investment decision in energy infrastructure are locking in greenhouse gas emissions and contributing to future warming commitment. The World Energy Outlook 2011 for the first time analysis by sector and by country the amount of lock-in and looks into detail how much room of manoeuvre is left for the energy sector to limit temperature increase to 2 C. It also analyses what are the implications of delaying action for advanced and emerging economies in terms of additional costs, technology deployment and investment decisions.</i></p> <p><i>This event discusses the significance of this analysis on climate negotiations and the post-2012 architecture.</i></p>	
Moderator	<i>Mr. A. Steer, Special Climate Change Envoy, World Bank</i>
17:00 – 17:05	Introduction <i>Mr. A. Steer, Special Climate Change Envoy, World Bank</i>
17:05– 17:30	Presentation of the World Energy Outlook <i>Mr. F. Birol, Chief Economist, International Energy Agency (IEA)</i>
17:30 – 18:30	Round table discussion <ul style="list-style-type: none"> - <i>Mr A. Runge-Metzger, Head of Unit Climate Strategy, International Negotiation and Monitoring, of EU Action, DG Environment, European Commission</i> - <i>Mr R. Duke, Deputy Assistant Secretary for Climate Policy, US Department of Energy, United States</i> - <i>Mr. L. Qiang, Energy Research Institute (ERI), China</i> - <i>Ms. L. Srivastava, Executive Director Operations, The Energy and Resources Institute (TERI), India</i> - <i>Mr. W. Barnard, Chief Director, Integrated National Electrification Programme, Department of Energy, Republic of South Africa.</i>
18:30 – 18:55	Question and answer session
18:55 – 19:00	Closing <i>Mr. A. Steer, Special Climate Change Envoy, World Bank</i>

TUESDAY, DECEMBER 6TH, 2011

08:00 – 13:00	15. RE TECHNOLOGY SEMINAR – <i>New and Renewable Energy Technologies – fostering sustainable development and Rural Electrification in Africa</i>
<p><i>About 16% of global final energy consumption comes from renewable energy, with 10% from traditional biomass, which is mainly used for heating, and 3.4% from hydroelectricity. Renewable energy technologies, namely small hydro, modern biomass, wind, solar, geothermal, and biofuels, accounts for about 2.8% and are growing very rapidly. The share of renewable energy in electricity generation is around 19%, with 16% of global electricity coming from hydroelectricity and 3% from new renewables. Climate change concerns, coupled with high oil prices, peak oil, and increasing government support, are driving increasing renewable energy legislation, incentives and commercialisation.</i></p>	
Moderator	<i>Ms Ayanda Nakedi, Eskom</i>
8:00 – 8:15	Welcome and introduction <i>Ms. N. Magubane Director-General, Department of Energy, Republic of South Africa</i>
8:15 - 8:35	Deploying Renewables <i>Mr. P. Frankl, Head, Renewable Energy Division, International Energy Agency (IEA)</i>
8:35 – 09:05	<i>Mr. C. Knowles, Head of Climate Finance, European Investment Bank</i>
09:05 – 09:25	<i>Mr. M. Kennedy, Co-Chair, Renewable Energy Technology Deployment, International energy Agency (IEA-RETD)</i>
09:25 – 09:35	Coffee Break
09:35 – 09:55	IRENA’s Programme of Work <i>Mr. A. Amin, Director General, International Renewable Energy Agency (IRENA)</i>
09:55 – 10:15	RSA perspectives on new and renewable energy technologies, <i>Ms. N. Magubane Director-General, Department of Energy, Republic of South Africa</i>
10:15 – 10:35	Perspectives on Wind Power <i>Mr. S. Sawyer, Secretary General, Global Wind Energy Council (GWEC)</i> <i>Mr. N. Zalk, DDG, Department of Trade and Industry</i>
10:35 – 10:55	Perspectives on Bioenergy <i>Mr. N. Bird, Joanneum Research, Austria, IEA Bioenergy Implement</i>

	<i>Agreement</i>
10:55 – 11:15	Perspectives on Hydropower <i>Mr. N. Nielsen, Secretary, IEA Hydropower Implement Agreement</i>
11:15 – 11:55	Panellists <ul style="list-style-type: none"> - <i>Mr. S. Karekezi, Director, African Energy Policy Research Network, Kenya</i> - <i>Mr. W. Barnard, Chief Director, Integrated National Electrification Programme, Department of energy, Republic of South Africa.</i> - <i>Mr. D. Masera, Chief of Rural and Renewable Energy, United Nations Industrial Development Organization (UNIDO)</i> Discussion
11:55 – 12:00	Closing <i>Ms Ayanda Nakedi, Eskom</i>

Tuesday December 6th – CCR Expo (Umdloti room) – Durban

15:30 – 17:30	16. SOLAR ENERGY SEMINAR
<p><i>Acceleration of Solar Energy Technologies.</i></p> <p><i>This event would provide an in-depth review of solar energy, based on the upcoming IEA publication "Solar energy perspectives"</i></p>	
Moderator	<i>Mr. A. Amin, Director General, International Renewable Energy Agency (IRENA)</i>
15:30 – 15:35	<p>Introduction</p> <p><i>Mr. A. Amin, Director General, International Renewable Energy Agency (IRENA)</i></p>
15:35 – 15:50	<p>Solar Energy Perspectives</p> <p><i>Mr. C. Philibert, Senior Analyst, Renewable Energy Division, International Energy Agency (IEA)</i></p>
15:50 – 16:05	<p>IRENA: Perspectives on solar energy IRENA</p> <p><i>TBC</i></p>
16:05 – 16:25	<p>RSA perspectives on solar energy</p> <p><i>Mr. O. Aphane, Deputy-Director General, Department of Energy, Republic of South Africa</i></p> <p><i>Mr. B. MacColl, Research, Testing and Development Manager, Group Technology, ESKOM</i></p>
16:25 – 16:40	<p>Perspectives on solar photovoltaics</p> <p><i>TBC</i></p>
16:40 – 16:55	<p>Perspectives on solar thermal electricity (CSP)</p> <p><i>Mr. L. Crespo, President, Forum of the European Association of the Thermosolar Industry (ESTELA)</i></p>
16:55 – 17:05	<p>Perspectives on solar heating and cooling</p> <p><i>Mr. M. Ranttil, IEA SHC Implementing Agreement</i></p>
17:05 – 17:25	Discussion
17:25 – 17:30	<p>Closing</p> <p><i>Mr. A. Amin, Director General, International Renewable Energy Agency (IRENA)</i></p>

WEDNESDAY, DECEMBER 7TH, 2011

Wednesday December 7th – CCR Expo (Umdloti room) – Durban		
TIME	TOPIC	PRESENTERS
08.30 – 09.00	REGISTRATION	
09.00 – 09.15	Welcome from ADEME Welcome from IEA Welcome from DoE	M. François Moisan, Executive Director for Strategy M. Bo Diczfalusy, Sustainable Energy Policy Director Ms. Nelisiwe Magubane, Director General
<p>Session 1. High-Level Policy Dialogue on Energy Efficiency, Energy Security and Sustainable Development: <i>Energy efficiency provides multiple benefits which governments should take into account in formulating their energy policies. This dialogue will consider the multiple dimensions of energy efficiency for climate strategy, energy security, economic development, and global competitiveness. Moderated by Bo Diczfalusy of the IEA.</i></p>		
09.15 -10.15	Energy efficiency as the Win-Win solution for energy security and sustainable development	M. Richard Jones, Deputy Executive Director, International Energy Agency
	Energy Efficiency and the Climate Challenge	M. Philippe P. Van de Maele, President, ADEME
	South Africa's energy efficiency strategy and policy	Hon. Ms. Dipuo Peters, Minister of Energy
	International process for climate change negotiation	M. Serge Lepeltier, French Ambassador for Climate Negotiation
10.15-10.30	COFFEE BREAK	
<p>Session 2. Global Energy Efficiency Trends and Policies: <i>Energy efficiency is receiving increased attention, yet its pivotal role in sustainable economic development is not fully recognized by policy makers. Most energy systems are inefficient compared to their technical and economic potential - from the supply and delivery system to the smallest gadget. This session will articulate the fundamental principle that any road towards a low carbon society must begin with energy efficiency. Moderated by Mr. Van de Maele of ADEME</i></p>		
10.30-11.10	Energy efficiency trends and the IEA's new energy efficiency policy recommendations	M. Philippe Benoit, Head of the Energy Efficiency and Environment Division
	Using energy efficiency indicators to set and monitor energy efficiency policy (WEC – ADEME study)	M. François Moisan, Executive Director for Strategy, Research and International affairs, ADEME, and WEC Energy Efficiency Committee
	Energy efficiency technology development in South Africa	M. Kevin Nassiep, Chief Executive Officer, SANERI
	International Partnership for Energy Efficiency Cooperation	M. Amit Bando, Executive Director, IPEEC
11.10-11.30	Discussion	

Session 3. Round Table on Country Energy Efficiency Policies:

Domestic policies implemented by developed and developing countries will account for one-half of the energy savings expected to 2020. Developing country-driven policies that mobilize economical efficiency improvements will determine whether energy efficiency delivers its expected contributions over the coming decade. Moderated by Kevin Nassiep of SANEDI

11.30-12.30	Energy efficiency financing policy: South Africa's Standard Offer Scheme	M. Andrew Etzinger, Senior General Manager, Integrated Demand Management, Eskom
	The EUs proposed Energy Efficiency Directive	Ms. Sandra Stevens, Policy Officer – Climate Change, European Commission DG-Energy
	India's Performance-Achieve-Trade (PAT) program for industry	M. Devender Singh, Joint Secretary, Ministry of Power
	Energy Efficiency policy in France	Ms Dominique Campana, International Affairs Director, ADEME
	Capacity building for energy efficiency in developing countries	Ms. Fatima Dia Toure, Director, Institut de l'énergie et de l'environnement de la Francophonie (IEPF)
	Energy efficiency policies in the USA	M. Griffin Thompson, Climate Change Program Manager, US Department of State
12.30-13.00	Discussion	
13.00-14.00	LUNCH	

Session 4. Overcoming Barriers to Energy Efficiency:

Surveys by World Energy Council and IEA have identified the main barriers to scaling-up energy efficiency: (i) consumer awareness, (ii) low energy prices, (iii), accessing affordable financing, and (iii) delivery frameworks and implementation capacity. These common barriers may be overcome through increased regional and international cooperation. Moderated by Philippe Benoit of the IEA.

14.00-14.40	Energy efficiency delivery frameworks	M. Grayson Heffner, Senior Energy Analyst, IEA
	The Mediterranean example for energy efficiency (MEDENER)	M. Saïd Mouline, General Director, ADEREE
	Overcoming the affordable financing barrier in the developed and developing world	Ms. Catherine Garetta, Director for Climate, Agence Française de Développement (AFD)
	Supporting energy efficiency for access in West Africa (SEEA-WA)	M. Mahama Kappiah, Executive Director, Ecowas Centre for Renewable Energies and Energy Efficiency (ECREEE)

14.40-15.00 Discussion

Session 5. Sectoral Perspectives:

Each consuming sector presents unique challenges and opportunities for energy efficiency policy. Taking a sectoral perspective can unlock new business models, including opportunities for public-private sector cooperation. Moderated by Xolile Mabusela of DoE

15.00-15.40	Prospects and policies for the advent of Net-Zero Buildings	M. Gilles Vermot-Desroches, Senior Vice-President, Sustainable Development, Schneider Electric (tbc)
	Enterprise-wide approaches to power sector energy efficiency improvements	M. Gérard Wolf, Director for International Development, Electricite de France
	Whole-system approaches to improving transport energy efficiency	M. Ibrahim Seedat, Director of Public Transport, South Africa Department of Transport; and Councillor Moosajee, MMC for Transportation, City of Johannesburg
	Voluntary Agreements for industrial energy efficiency in South Africa	Ms. Valerie Geen, Director, Climate and Business, National Business Initiative
15.40-16.00	Discussion	
16.00 Adjourn		