

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>