



3rd Wind Power Africa Conference
 Conference and Renewable Energy Exhibition
 9-11 May 2011, Cape Town

We will harvest the sun, wind and wave to fuel our cars and factories

(Pres Barack Obama 20 Jan 2009)

Final Programme

Monday, 9 May 2011

Day One

9:00 – 10:00	Registration + Welcoming Coffee
10:00 – 12:00	OPENING PLENARY
Chairperson	<i>Welcoming & Introduction</i> Hermann Oelsner , President, African Wind Energy Association
	KEYNOTE SESSION
	Dr Martyn Davies Frontier Advisory China's Involvement in Africa's Renewable Energy Sector
	Mr Scott Brodsky Dewey & LeBoeuf
	Mr Bob Bond Tshwane University of Technology Development of Hydrogen transportation and Wind Energy refueling
	Mr Wolfgang Diehl Fraunhofer Institute for Surface Engineering and Thin Films IST Knowledge for growth – Green Technologies - The Fraunhofer Model
12:00 – 13:30	OPENING OF EXHIBITION HALL LUNCH SPONSORED BY STANDARD BANK

13:00 – 15:00	MARKET POTENTIAL
	<p>Mr Paul Earley-Taylor Standard Bank Funding potential for Renewable Energy Projects</p> <p>Dr Helmut Klug GL Garrad Hassan Overview of the Wind Energy markets in Africa and Middle East</p> <p>Mr Frank Spencer Emergent Energy History of Development of the Wind Power Market in South Africa</p> <p>Mr Mustafa Sofia Renewable Energy Authority of Libya Dernah Wind Farm</p> <p>Mr Saad Jibril Wind Energy Potential in Somaliland</p> <p>Taryn Wilkens Wind Market Outlook 2011</p>
15:00 – 15:30	TEA
15:30 – 17:00	REGULATORY
	<p>Mrs Diana Manson Land Use Consultants, UK Using GIS to plan for wind at a strategic level: A UK case study</p> <p>Johann van den Berg The REFIT readiness of the regulatory framework in South Africa</p> <p>Dr Francois Du Plessis Green Cape Role of the GreenCape Initiative – A Sector development agency of the Provincial Government</p> <p>Mr Taru Mandangombe Addressing the regulatory frameworks in the South African Wind Industry</p>
17:00 – 19:00	Welcome Cocktail Function and Exhibition Visit

08:00 – 08:30	Registration, Refreshments & Exhibition Visit
08:30 – 10:30	PLENARY SESSION: ENVIRONMENT
Venue	Auditorium 2
Chairperson	Mike Rycroft, Managing Editor, Energize, South Africa
	<p>Ms Helen Davies Department of Environmental Affairs and Development Planning A Strategic assessment of sites suitable for wind farms in the Western Cape in terms of relevant environmental and planning considerations</p> <p>Mr Uri Epstein Biotherm Energy Good Neighbours: Reducing Environmental Impacts in an Unknown Environment</p> <p>Mr Kai Frolic Pager Power Wind Farms And Radar – Issues and Mitigation</p> <p>Mr Stuart Heather-Clark ERM – South Africa Lessons learnt over the past two years about Wind Energy and EIA’s in South Africa</p> <p>Dr Malcolm Hutton ERM – Europe, Middle East Key Environmental and social issues emerging through Wind Power</p> <p>Mr Brett Williams Safetech Wind Turbine Noise – Will the lack of specific noise control legislation hamper the development of Wind farms?</p>
10:30 – 11:00	Coffee Break & Exhibition Visit

11:00 – 13:00	PLENARY SESSION: WIND TURBINE TECHNOLOGY	
Venue	Auditorium 2	
Chairperson	<i>Mike Rycroft, Managing Editor, Energize, South Africa</i>	
	<p>Silas Zimu CEO, Suzlon Energy Wind Power as a mitigator to the current Power shortages Speaker to be announced Siemens, South Africa</p> <p>Mr Niccolò Samarelli Nordex, Germany Nordex: Doing business in South Africa – opportunities and uncertainties</p> <p>Mr Marc Vergnet Vergnet, France Midsized Wind Turbines for Africa</p> <p>Mr Chris Simpson Proven Energy Voiding the pitfalls in purchasing a small Wind Turbine – ten key questions to ask</p>	
	<p><i>Address by our Lunch Sponsor</i> Dr Terence Guculethu Sibiya Standard Bank: Corporate and Investment Banking, South Africa</p>	
13:00 – 14:00	Networking Luncheon & Exhibition Visit	
14:00 – 15:30	Breakaway Sessions	
Venue:	Auditorium 2	Meeting room 1
	<i>Wind Measuring</i>	Technical requirements
Chairperson	<p>Andre Otto South African Wind Energy Programme Phase 1: Implementation and results</p> <p>Dr Andries Kruger & Mr Eugene Mabile</p>	<p>Mr Johan Greyling KPMG Services (PTY) LTD The impact of political risk insurance on potential investors and lenders in wind farms</p> <p>Ms Chanda Kapande</p>

	<p>Weather SA & CSIR Wind Atlas for South Africa (WASA): Wind Measurements, Extreme Winds and General</p> <p>Mr Justin Burnett Obelisk Group Taking the uncertainty out of Wind Data</p> <p>Dr-Ing Carsten Ropeter Ge:Net, Germany Determination Artefacts from Wind Measurments</p>	<p>Wind Prospect Limited Preparing your project for investment</p> <p>Mr Kinesh Chetty Carbon-nomics: Thereal value of carbon</p> <p>Ms Monika Jakubiec General Electric Securing and maximizing carbon financing from wind energy projects in Africa</p>
15:30 – 16:00	Coffee Break & Exhibition Visit	
16:00 – 17:00 Chairman	Breakaway Sessions Mr Bob Bond	
Venue:	Audirorium 2	Meeting room 1
	<p>Mr Ashenafi Tolessa Garmu Assessment of Wind Power at Eway, Central Rift Valley</p> <p>Mr Michael Weston eScience Mesoscale Meteorological model and longer term Wind Measurement Data</p> <p>Mr Luc DeWilde 3E eThinkwini Wind Map</p>	<p>Mr Bob Bond Yshwane University of Technology Development of Hydrogen Transportation</p> <p>Prof Robert Holm North West University Siting and design of small-scale wind turbines for low wind speeds</p> <p>Dr Rueben R.M. Kainkwa University of Dar Es Salaam</p>
17:00 – 19:00	Opportunity to freshen up	
19:00 – 22:00	Gala Dinner Venue: Westin Grand Hotel Guest Speaker: <i>The Honourable Deputy Minister Derek Hanekom</i> <i>Department of Science and Technology</i>	

08:00 – 08:30	Refreshments, Networking & Exhibition Visit
08:30 – 10:30	Plenary Session: Project Development
Venue:	<i>Auditorium 2</i>
	<p>Mr Ray Kavanagh Hatch, Canada Wind Power Development Tool – WindPAT</p> <p>Mr Jatin Sharma GCube Underwriting Limited Lessons learned for the Benefit of Africa: Renewable Energy Project risks and losses</p> <p>Mrs Ugeshree Thakurpersad Exxaro Resources Global Wind Power trends and key drivers for future growth in South Africa</p> <p>Mr Peter Bubik Optimising Management of your wind farm asset</p> <p>Mr Colin Aimers Wind Prospect Limited Project Construction: Best Practices and Challenges</p> <p>Mr Kyle Denning Viability Africa LLC The Hurdles of Project Development</p> <p>Mr Andreas Schweitzer Investissements Underwriting Limited Lessons learned for the Benefit of Africa: Renewable energy project risks and losses</p>
10:30 – 10:50	TEA

11:00 – 13:00	Grid Integration
	Auditorium 1
Chairperson	<p>Dipolelo Elford, Chief Director Environmental and Land Planning</p> <p>Mr Werner Engelbrecht Renewable Energy Generator Grid Connection in South Africa – A developer’s perspective</p> <p>Mr Richard Gordon Umoya Energy Wind energy – A Contributor to Security of Supply</p> <p>Mr Taru Mandangombe Integration of Wind farms in weak grid networks of South Africa</p> <p>Mr Christo Olatunji-Odeyemi Wind Energy Integration</p> <p>Mr Riaan Smit Eskom Grid Intergration of renewable Energy</p>
13:00 – 14:00	Networking Luncheon & Exhibition Visit
14:00 – 16:00	Closing Plenary Session
Venue	<i>Auditorium 2: Storage of electricity generated from wind</i>
Chairperson	Hermann Oelsner:
14:00 – 15:00	<p>Dieter Matzner Hatch Lesotho Highland Power Project - Providing firm peaking power by combining Pumped Storage and Wind Power</p> <p>Mr Kobus Meiring Optimal Energy Electricity storage in batteries of fleet of cars / via smart grid technology</p>

	Prof George van Schoor North West University Production of Hydrogen for mobile applications
15:00 – 16:00	Is 100% electricity generation from Renewable Energy Technologies possible?
	Sustainability Cross Talk - Interaction between expert panel of eight (tbc) and the audience
	Closing remarks Hermann Oelsner, President, African Wind Energy Association
16:00 -	Possibility of presentation of film documentary: “The 4th REVOLUTION – energy Autonomy”