

8-9 OCTOBER 2019 | CAPE TOWN, SOUTH AFRICA
CAPE TOWN CONVENTION CENTRE

Unleashing renewable power for African Economic Development

TUESDAY, 8 OCTOBER 2019

07h45 - 08h30

Morning registration

Welcome Address by Patron:

Honourable Minister Mr. Gwede Mantashe, Minister of Mineral Resources and Energy - Republic of South Africa

Welcome breakfast panel discussion: Co-facilitators: Mercia Grimbeek, Chair, South African Wind Energy Association (SAWEA) and Johan van den Berg, Head of Secretariat of the Africa-EU Energy Partnership (AEEP)

Creating an ecosystem for energy success in Southern Africa – supported by The Africa-EU Energy Partnership

08h30 - 10h30

Dr. Amani Abou-Zeid, Commissioner for Infrastructure and Energy at the African Union Commission (AUC) - Agenda 2063: Executing on SDG7 in Africa

Highest ranking EC person available TBC: The importance of the Africa-Europe Alliance for Sustainable Investment and Jobs

Dr. Stergomena Tax, SADC Executive Secretary: The essential, enabling role of energy in the economic development of the SADC

Kudakwashe Ndhlukula, Executive Director of the SADC Centre for Renewable Energy and Energy Efficiency (SACREEE): Promoting sustainable energy for economic growth through the recently launched SACREEE, a sustainable energy centre for the SADC in Windhoek

Ben Backwell, Chief Executive Officer (CEO), Global Wind Energy Council (GWEC) - The fruits of public-private collaboration – how we are able to launch a wind energy association for the entire SADC and the benefits it will hold

Questions, inputs from the floor, discussion

10h30 - 11h00

Refreshment break and formal launch of “Wind SADC”, the industry association for the SADC countries, supported by GWEC, SAWEA and the Africa-EU Energy partnership. Photo opportunity for high level politicians.

11h00 - 12h30

Breakaway 1:

Unleashing renewable power for African economic development

Moderator: Prof Mark Swilling, Chair DBSA and Sustainability Institute, University of Stellenbosch (SUN)

“Business Models for Sustainable Investments - what have we learnt?” - **Karin Ohlenforst, Director of Market Intelligence, Global Wind Energy Council (GWEC)**

“The AfDB’s views on renewable energy as an economic enabler in Africa” - **Dr Daniel Schroth Advisor to the Vice President for Power, Energy, Climate and Green Growth at the African Development Bank**

“Improvements in the enabling environment - what are the minimum requirements?” - **Prof Ignacio Perez-Arriaga, Florence School of Regulation**

“Enablers for business to business partnerships - unlocking private sector support” - **Marcus Wiemann, Alliance for Rural electrification (ARE)**

Kudakwashe Ndhlukula, Executive Director of the SADC Centre for Renewable Energy and Energy Efficiency (SACREEE)

Breakaway 2:

Towards 17.7 GW of Wind Energy by 2030 – insights and strategies to delivering a sustainable rollout

Moderator: Katherine Persson, Managing Director, Windlab East Africa

Renewable Energy Manager, Birdlife South Africa - **Samantha Ralston-Paton**

Chief Director for Integrated Environmental Management, Department of Environmental Affairs (DEA) - **Dee Fischer**

Alvaro Camina Cardenal, Biodiversity Specialist, International Finance Corporation

Libby Hirshon, ESG Director, Actis Okavango Platform

Lance Blaine, Managing Director, Red Cap Energy

Breakaway 3:

Beyond providing grid electricity: the holistic potential of wind in SA

Moderator: Dr Thembakazi Mali, South African National Energy Development Institute (SANEDI)

Sector coupling as an emerging international trend in the energy sector” - **Mari-Louise van der Walt, Principal Consultant, Alakriti Consulting & Skrandler**

“How electric vehicles will be at the core of our future electricity and transport system”

“South Africa’s Energy Transition”: Liquid fuels from wind: Turning South Africa into the Saudi Arabia of the sustainable energy era - **Tobias Bischof-Niemz, Enertrag and co-author: “South Africa’s Energy Transition”**

Breakaway 4:

Knowledge stream supported by the Africa EU Energy Partnership

What contribution can an academic network make to the Energy Transition and economic growth in South Africa and the SADC region?

Moderator: Prof Sampson Mamphweli - University of Stellenbosch (SUN)

“Our reasoning in creating additional academic capacity on energy” - **Adjunct Prof Roderick Crompton, Director of Africa Energy Leadership Centre, Wits Business School**

“Our existing and unfolding links with academia on SDG7 and the Energy Transition” - **Dr Karen Surridge, Centre Manager, Renewable Energy Centre of Research & Development at South African National Energy Development Institute (SANEDI)**

“Tentrans - An early example of international, academic collaboration on the Energy Transition” - **Dr Holle Wlokas, Synergy Global Consulting & Stellenbosch University (SUN)**

“Utility sustainability through the Energy Transition - the case of Eskom” - **Lumkile Mondli, Senior Lecturer, University of Witwatersrand (WITS)**

Discussion, questions, remarks

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12h30 - 14h30

LUNCH

14h30 - 16h00

Breakaway 5:
Markets

Wind's logical contribution to a renewables-based South African Power Pool in 2050

Moderator: Jasandra Nyker

Energy demand scenarios in the SAPP, 2019 - 2050" - **Steve Dihwa, Southern African Power Pool (SAPP)**

"Energy corridors in Africa and thoughts on wind's potential contribution to final energy delivered in the SAPP, 2050 (2030?)" - **Nopenyo Dabla, IRENA**

"Africa's ambitious transmission plans and where they stand now Cross-border PPAs and regional interconnectors" - **Atef Marzouk, Head of Energy Division, Africa Union Commission**

"Providing bankability without burdening sovereign balance sheets" - **Penny Herbst, Strategy Director, Africa GreenCo**

Breakaway 6:
Skills Development

Wind sector, Skills Development, Jobs and Just Transition

Moderator: Ganief Bardien, Industrial Development Corporation (IDC)

"Success stories from training Wind Turbine Service Technicians in Africa, to a global standard of excellence" - **Naim Rassool, Director, South African Renewable Energy Technology Centre (SARETEC)**

"Opportunities and challenges in upskilling for the energy transition" - **Manfred Dutschke, GreenCape**

Tasneem Barendse, Globeleq South Africa Management Services

Khangela Baloyi, National Union of Mineworkers/ESKOM

"CSIR Analysis of Jobs & economic development impacts of the wind sector" - **Ruan Fourie, Energy Economist, Council for Scientific & Industrial Research (CSIR)**

Breakaway 7:
Gender and wind sector

Redoubling our efforts: unlocking gender equality in the infrastructure sector

Moderator: Lebo Biko, Co-Founder, Oya

Anne Githuku Shongwe - **UN Women**

"Trends emerging from recruitment for RE in the SADC region and the GIZ tracer study: a gender perspective" - **Priscilla Gibson**

MaSisulu 100 Speaker TBC - **Deputy Minister of Department of Mineral Resources and Energy - Ms. Bavelile Hlongwa**

Meta Maponya - Executive Director, Mahlako

Joyce Lee - Policy & Operations Director, Global Wind Energy Council (GWEC)

Breakaway 8:
Knowledge stream supported by the Africa EU Energy Partnership

How do we gather, make useful and disseminate knowledge for an African Energy Transition?

Moderator: Prof Mark Swilling, Chair DBSA and Prof, University of Stellenbosch (SUN)

"The Africa EU Energy Partnerships approach to knowledge facilitation" - **Fiona Wollensack, AEEP**

"Our experiences with online capacity building in the energy field" - **Swetha Bhagwat, Florence School of Regulation**

"The case of coal workers in South Africa: How do we communicate the science so that collective action can follow?" - **Jesse Burton, University of Cape Town (UCT)**

Ben Brimble topic TBC

Jarrad wright, Principal Engineer, Council for Scientific and Industrial Research (CSIR)

Discussion, questions, remarks

19h00

Gala dinner and Awards

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WEDNESDAY, 9 OCTOBER 2019

09h00 - 11h00

Tentrans Workshop

TBC
Open to all Windaba participants

Side-Event

Renewable Energy's contribution to South Africa's Mining Sector

Time: 09h00 - 12h00
Cost: Complimentary to Windaba delegates
R1500 (excl. VAT) for non-delegates

Renewable Energy has a proven track record as a meaningful contributor to South Africa's economic development. In June 2019, it was proclaimed by the President of the Republic of South Africa, His Excellency Cyril Ramaphosa that the Department of Minerals and Department of Energy would merge into the Department of Mineral Resources and Energy. This merger presents a unique opportunity for the two key sectors of Mining and Renewable Energy to work collaboratively in achieving a strengthened domestic economy.

Windaba Conference and exhibition, 'Africa's premier wind Energy platform' will this year host a Side-Event entitled: Renewable energy's contribution to South Africa's Mining Sector. The aim of the side event, is to be consistent with President Ramaphosa's vision of a 're-imagined' industrial strategy as articulated in his State of the Nation Address. The session that will be held on Wednesday ,9 October at the CTICC2 and will set out how South Africa can successfully deploy renewable energy to support the mineral resources sector, encourage investment and bolster job creation.

The 'Renewable Energy's contribution to South Africa' event will be complimentary to registered Windaba delegates. The Fee for Non-Windaba delegates is R1500. To book your attendance visit www.windaba.co.za

11h00 – 11h15

Refreshment break

11h15 – 12h45

**Plenary: Industry forum: Main sponsors of Windaba discuss pertinent questions for the Industry:
Job creation and local manufacturing: What can be unlocked in the SADC if 18 GW is built by 2030?**
Chair: Lumkile Mondi, Senior Lecturer, University of Witwatersrand (WITS)

Janeke Winand, Managing Director, Siemens Gamesa Renewable Energy (Pty) Ltd

Mary Quaney, Finance Director, Mainstream Renewable Power

Javier Pascual, Managing Director, Nordex Energy

Malte Meyer, Director Business Development, Vestas Southern Africa (Pty) Ltd

1. Where will the lowering of prices for wind power settle internationally and locally?
2. What progress is being made to move away from government guarantees yet achieve bankability?
3. Will the stellar progress in off-shore wind play a role in the SADC?
4. What trends are emerging around storage, digitisation and increased availability factors?
5. Representatives of two If pace allows 2 SADC countries to give a status update on their countries in terms of status, potential, regulatory framework and biggest challenges that multi-lateral collaboration can address - perhaps (Mozambique and Zambia?)

12h45 – 13h45

Lunch

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13h45 – 15h30

Breakaway 9: Unlocking SADC opportunities	Breakaway 10: Economic Development	Breakaway 11: Regaining momentum: Towards REIPPPP Round 5 and beyond	Breakaway 12: Knowledge stream supported by the Africa EU Energy Partnership
Energy regulation and fit-for-purpose regulatory reform to support SDG7 and SDG13 in the SADC	Co-operative Models and the inclusion of Local Stakeholders	Beyond Round 5 of the REIPPPP	The role of wind power in distributed and embedded renewable energy
Moderator: Elijah Sichone, Regional Electricity regulators Association of Southern Africa (RERA)	Moderator: Nomzamo Landingwe, Economic Development WG	Moderator:	Moderator: Kevin Minkoff - Technical WG Chair
<p>“Impressions from initial work in four African islands (Seychelles, Comoros, Mauritius and Madagascar)” - Prof Ignacio Perez-Arriaga, Florence School of Regulation</p> <p>“Towards full sector coupling in our sustainable energy future – the importance of maximal interconnection and keeping everyone possible connected to the grid through inventive regulation” - Clinton Carter Brown, Energy Centre Head, Council for Scientific and Industrial Research (CSIR)</p>	<p>Co-operative Models and the inclusion of Local Stakeholders - Prof Mark Swilling, Chair DBSA and Sustainability Institute, University of Stellenbosch (SUN)</p> <p>Kyle Swartz, Sustainability Institute, University of Stellenbosch (SUN)</p> <p>Dr Rosy Ndhlovu, Chief Executive Officer, INNOVO Mobile Healthcare</p>	<p>Maduna Ngobeni - Independent Power Producers Office (IPP Office)</p> <p>“Equity returns on wind in REIPPPP Round 1-4, where a rational level needs to be” - Jason van der Poel, Partner, Weber Wentzel</p> <p>“Likely price levels for winning bids in REIPPPP Round 5 and how much it will save the ratepayer per kWh - Sohaib Malik, Senior Analyst, Wood Mackenzie</p> <p>Marubini Raphulu, Chief Executive Officer, Hulisani Ltd</p> <p>Boitumelo Kiepile, Head of Regulatory Affairs, Enel Green Power South Africa</p>	<p>Licensing status, process and plans for the 1-10 MW range - Dennis Seemela, Head of Electricity Licensing, National Energy Regulator of South Africa (NERSA)</p> <p>Off-taker perspective on purchasing wind power - Dr. Tsakani Mthombeni, Former-Energy Intensive User Group (EIUG) Chair and Group Head of Carbon & Energy at Gold Fields</p> <p>Technical-economic relevance of wind power embedded in networks - Dr Kilian Hagemann, Managing Director, G7 Renewable Energies</p> <p>Municipal perspective on enabling wheeling frameworks to promote wind power within their jurisdiction - Nhlanhla Ngidi, Head of Energy and Electricity, South African Local Government Association (SALGA)</p>

15h30 – 15h45

Refreshment break

15h45 – 16:30

Closing Plenary:

- Recapping the role of wind power in the SADC energy transition: What generic and specific realizations, requests and resolutions should be fed to the Africa Investment Forum in Johannesburg
- Looking ahead, how should Windaba be organised from 2020 to best fit into the emerging energy landscape in the SADC region?

Mercia Grimbeek, Chair, South African Wind Energy Association (SAWEA)

Johan van den Berg, Head of Secretariat of the Africa-EU Energy Partnership (AEEP)

Ben Backwell, Chief Executive Officer (CEO), Global Wind Energy Council (GWEC)

16:30 - 18:00

Conference close - Cocktail Reception