



CONFERENCE AGENDA

DAY 1

2020 26 October

09:00 - 10:30 Welcome Address and opening Panel Discussion

Welcome Address by Patron

Moderator: Ntombifuthi Ntuli

Theme: **What the next decade holds for Energy Sector Transition**

Panelists: Mr Tobias Elling Rehfeld – Ambassador of Denmark to South Africa, Mr Ben Backwell – CEO Global Wind Energy Council, Mercia Grimbeek - SAWEA Chairperson, Heather Sonn – Director Greencape, and Pervalen Govender – Head of Technical at the IPP Office.

VIRTUAL MARKETPLACE and B2B MEETINGS

REFRESHMENT BREAK

11:00 - 12:30	Breakaway 1 Development & Construction	Breakaway 2 Technical & Operations	Breakaway 3 Policy & Markets	Breakaway 4 Economic Development
Moderator:	Veronique Fyfe	Katherine Persson	Ben Brimble	Lizeka Dlepu
Theme:	Wind Energy Development Potential in SA and beyond	Wind & Energy Storage	The evolution of REIPPP program and how it can be improved	Local Supply Chain Development
Speakers:	1. Status of Wind Atlas South Africa (WASA) 2. Renewable Energy Development Zones 3. Wind Energy Opportunities and Potential in Africa 4. SADEC Perspectives on the renewable Energy	1. Global trends in wind power and storage hybrids 2. Development of Hybrid Projects in South Africa 3. Cost of storage and impact on wind tariffs 4. Eskom Energy Storage Projects	1. Renewables energy auctions - global lessons 2. How we evolve the sector with a focus on manufacturing opportunities 3. REI4P Round 5 and beyond - lessons learnt and prospects for future rounds 4. Sovereign Guarantees in relation to REI4P PPA	1. How to expand local supply chain to deal with increasing local content requirement 2. Localisation trajectory for the next decade 3. Lessons from localisation failures of the past decade 4. Local Manufacturer's perspective

VIRTUAL MARKETPLACE and B2B MEETINGS

14:30 - 16:00	Breakaway 5 Development & Construction	Breakaway 6 Technical & Operations	Breakaway 7 Policy & Markets	Breakaway 8 Economic Development
Moderator:	Sampson Mampheli	Mmoledi Chisalokile	Boitumelo Kiepile	Maloba Tshehla
Theme:	Balancing environmental constraints with energy developmental imperatives	Wake Loss Effects	IRP 2019 - What it means for SA Energy Costs	Jobs and Skills
Speakers:	1. Practical solutions towards managing environmental impact - A case of blade painting 2. The mitigation hierarchy: a framework for managing environmental risks associated renewable energy developments 3. Managing cumulative environmental impact of a growing wind energy sector 4. Industry perspective on wind energy environmental management	1. Wake effects and how the EIA process deals with it 2. Technical and commercial aspects of Wake Effects 3. IPP Perspective on Wake Effects 4. Legal perspective of Wake Effects in the interests of a growing industry of wind industry 5. International understanding/ insight of wake loss effects 6. Methodologies for assessing Wake Loss Effects	1. South Africa: The engine if wind power growth in the Middle East and Africa 2. Cost trajectory of wind energy in the context of IRP 2019 3. NERSA perspective on cost recovery 4. International perspectives on Global Wind Energy Costs	1. IRP 2019 jobs for wind sector 2. Skills in demand and short supply with a view to the 14GW 3. Education & Training for wind energy skills 4. Energy transition & jobs

PROGRAM SUBJECT TO CHANGE. THE ORGANISER RESERVE THE RIGHT TO CHANGE THE PROGRAM



10 Years and Beyond – Wind Energy Leading two Decades of Energy Transition

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09:30 - 10:30 Morning Plenary Session - Industry Captains
Moderator: Mercia Grimbeek
Theme: Global Perspectives on Industrialisation as part of Wind Energy Development
Speakers: RMB, Goldwind, Mamsa, Nordex, Vestas, Siemens - ALL SPONSORS

VIRTUAL MARKETPLACE & EXHIBITION & B2B MEETINGS

11:00 - 12:30	Breakaway 9 Development & Construction	Breakaway 10 Technical & Operations	Breakaway 11 Policy & Markets	Breakaway 12 Economic Development
Moderator:	Takalani Maswime	Daniel Struwig	Steven Koopman	Hlengiwe Radebe
Theme:	Symbiosis between agriculture and wind power	Grid Code Compliance	Municipal and Private Sector PPAs	Design and evolution of future ED plans
Speakers:	<ol style="list-style-type: none"> 1. Land Use Management in relation to Wind Energy development 2. Extended Producer Responsibility and its implications to Wind Energy Industry 3. Industry perspective - How can wind industry coexist with agriculture 4. Community Perspectives in development and construction 	<ol style="list-style-type: none"> 1. Ancillary Services 2. Grid Code compliance (unpacking the grid code) 3. Renewable Energy industry grid compliance challenges 4. Transformer Overloading Challenges 	<ol style="list-style-type: none"> 1. Municipality preparedness for direct PPAs with IPPs 2. The future of wheeling, rules & costs 3. Possible procurement plans for metros 4. Energy Intensive users & Private PPAs - future plans? 5. An overview of bankability requirements for PPAs signed with local government 	<ol style="list-style-type: none"> 1. Collaboration between IPPs to maximise impact of SED projects 2. Community Engagement - A perspective from Tentrans project 3. Perspective from beneficiary communities (Representative from Community/ Municipality) 4. Learning from Covid-19

VIRTUAL MARKETPLACE & EXHIBITION & B2B MEETINGS

13:00 - 14:30	Breakaway 13 Technical & Operations	Breakaway 14 Policy & Markets	Breakaway 15 Economic Development
Moderator:	Dr Clinton Carter-Brown	Alastair Campbell	Nomzamo Landingwe
Theme:	Grid Access	Financing 14GW of wind energy over the next decade	Empowerment & Transformation
Speakers:	<ol style="list-style-type: none"> 1. Eskom grid expansion plans in line with IRP 2019 implementation 2. Major issues that the Grid Access Unit are faced with and proposed solutions 3. Industry perspective on grid access and grid connection challenges 	<ol style="list-style-type: none"> 1. Insurance regime for wind energy projects - lessons from the last decade 2. Re-financing Renewable Energy Projects 3. Concerns issues and learnings regarding insurance for wind projects 4. Banking Sector perspective 	<ol style="list-style-type: none"> 1. Meaningful Participation of BBBEE Shareholders in the REIPPPP programme 2. Improving BBBEE participation in IPP's 3. Financing black shareholders 4. Women empowerment in the Wind Energy Sector 5. An industry led perspective 6. Empowerment through Procurement 7. A reimagined REIPPPP to encourage black participation

REFRESHMENT BREAK

<p>15:00 - 16:00 Closing and Final Plenary</p> <p>Part 1:</p> <p>Award Ceremony Presentation Ceremony for the Steve Sawyer Award (Africa edition) - GWEC Presentation Ceremony for the SAWEA Working Groups Chairs - SAWEA</p>	<p>Part 2:</p> <p>Closing Panel Discussion Theme: The next Decade of Wind - What Now Moderator: Ntombifuthi Ntuli - SAWEA CEO Speakers: Mercia Grimbeek – SAWEA Chairperson and Ben Backwell – CEO of GWEC.</p>
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