



10TH
ANNIVERSARY
CELEBRATION

7-8 OCTOBER 2021

Cape Town International Convention Centre (CTICC)

Renaissance of the Wind Energy Industry

Delivering Economic Benefits for South Africa

POST EVENT REPORT



* Under COVID Alert Level 1 Restrictions



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SAWEA
South African Wind Energy Association

Attendance at Windaba 2021

353

Visitors

305

Registered Delegates

76

Speaker Delegates

135

Gala Dinner Delegates

65

Sponsor Delegates

30

WINDAC Students

10+

Media



Testimonials



"The conference was eye-opening to how the renewables market, particularly wind energy, has been steadily growing and making a meaningful impact in the South African economy. Conferences where key players in the wind/renewables sector get to meet and discuss ideas and market trends such as Windaba, are crucial to the sectors sustained growth and South Africa's economic development/recovery. For these reasons, I walked away from Windaba feeling inspired." - Nathan Small, Graduate: DBSA



"Participating in Windaba 2021 was a real treat. Being a first time attendee, one of the poignant takeaways was the discussion around inclusivity in the industry; as a young black female working in renewables, of course this resonates with me." - Caroline Nhlane, Enel Green Power



"Scottish Development International had great one-on-one meetings with companies at Windaba 2021, and we were particularly excited to host our first capability showcase event. It was wonderful to be able to attend a physical event for the first time in over 18 months." - Laura Pienke, Scottish Development International



Attendance at Virtual Windaba 2020



- 406 Active Visitors
- 365 Visitors to the Windaba Virtual Market Place
- 394 Visitors to the Discussion Corner
- 296 Total Contacts Made
- 1158 Messages Exchanged
- 290 Discussions leading to 19 Meetings and 13 Video Calls

Windaba Stats 2021

Year	Exhibition Visitors	Exhibitors	Speakers	Conference Delegates
2021	353	21	76	305



2021 Sponsors



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2021 Exhibitor Listing

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Aberdare



Goldwind



Scottish
Enterprise



Atlantis Special
Economic Zones
Saldana Special
Economic Zones



Innovo Health



Siemens
Gamesa



Dorper Wind Farm



Mainstream



VESTAS



Department of Trade
and Industry (DTIC)



MAMSA



WESGRO



Enel Green Power



Nersa



WINDAC Energy
Bus



Enercon



Obelisk



Windhunter
Africa



GEO-NET



Retis
Construction

Conference Agenda Day 1 - Part 1

11:00 - 12:30	Breakaway 1 Development & Construction	Breakaway 2 Technical & Operations	Breakaway 3 Policy & Markets	Breakaway 4 Economic Development
Theme:	Challenges and bottlenecks experienced in development phase	Hybrids Renewable Energy	How will the REIPPP evolve going forward? How can it be improved?	Localisation Opportunities
Moderator:	Daniel Struwig	Karen de Bruyn	Stephen Koopman	Jack Radmore
Topics:	1. Energy Resources Assessment Johannes Lange 2. Site Identification and Land Acquisition Lance Blaine 3. Overview of RE Project Development Requirements - Davide Pasi	1. Lessons learnt from Risk Mitigation IPPPP - Kilian Hagemann 2. Grid Integration of storage + wind - Grid Code Compliance Vuyolwethu Matiwane 3. Dispatchability (Utility and IPP Perspectives) - Chris Billingham 4. Integrating the Grid Codes - Storage and RE Codes - Themba Khoza	1. Lessons from other countries Peter Venn 2. REI4P (Round 5) and RMI4P - Is it achieving Country objectives Louis Moyse 3. Technical due diligence for finance Chanda Nxumalo 4. Considerations for 2RI4P (Regional REI4P) - Jason van der Poel	1. Localisation Trajectory for the next 3 Bid Windows - Ingo Kempken 2. Localisation, Industrialisation and Globalisation - Mike Morris 3. Local manufacturing capabilities and potential - Francis Jackson 4. Economic Impact of Wind Energy Localisation - OEMs Perspective Hammaren Govender 5. Special Economic Zones - Catalyst for Localization Opportunities in South Africa - Dr Pierre Voges



Conference Agenda Day 1 - Part 2

14:30 - 16:00	Breakaway 5 Development & Construction	Breakaway 6 Technical & Operations	Breakaway 7 Policy & Markets	Breakaway 8 Economic Development
Theme:	Environmental Considerations for Wind Energy Development	Decommissioning and End of Life	Financing Wind Power Development	Jobs and Skills
Moderator:	Jacobus Treurnich	Pieter Oosthuizen	Dhesen Moodley	Hlengiwe Radebe
Topics:	<ol style="list-style-type: none"> 1. Bats and Birds - Changing Guidelines - Monitoring, Evaluations and Reporting Samantha Ralson-Paton 2. EIA Regulations - Rebecca Thomas 3. Industry Mitigation Efforts - Blade Painting Case Study Libby Hirshon 	<ol style="list-style-type: none"> 1. Health and Safety - Lindani Buthelezi 2. Repowering (Technical, Financial, Environmental and PPA Considerations) - Daniel Struwig 3. Wind leading the way for the sustainable future with Recyclable Blade - Janek Winand 	<ol style="list-style-type: none"> 1. Cost trajectory of Wind Energy in the context of IRP 2019 Tobias Bischoff Niemz 2. Financing Wind Energy Projects Daniel Zinman 3. Lender's Perspective - Lungile L. Tom 4. Equity investors Perspective Pam Papapetrou 5. Power Sector Investment Trends in Sub-Saharan Africa: Development and Implications for Wind Power Wikus Kruger 	<ol style="list-style-type: none"> 1. Employment and economic impact for utility scale wind power component localisation in South Africa – A just energy transition case Stanley Semelane 2. Support for accelerated skills development in the Wind Sector Mpho Mookapele 3. Education & Training for Wind Energy Skills - Claude Cogill 4. INSPIRE - Initiative for Social Performance in Renewable Energy Holle Wlokas 5. EU experiences in the sector - How uptake in South Africa can be a major driver for job creation, transformation and skills development Roberto Cecutti



Conference Agenda Day 2 - Part 1

11:00 - 12:30	Breakaway 9 Development & Construction	Breakaway 10 Technical & Operations	Breakaway 11 Policy & Markets	Breakaway 12 Economic Development
Theme:	Construction of 14.4 GW - Are we ready?	Scotland's Wind Energy Market: Applications & Partnerships in Africa	Municipal and Private Sector PPAs	ED Requirements in the context of the new Bid Windows
Moderator:	William Price	Laura Peinke	Boitumelo Kiepile	Takalani Maswime
Topics:	<ol style="list-style-type: none"> Construction Industry Readiness Izak Van Der Merwe Building South African capability David Moncasi Hortet Projects in Construction: Challenges and Hurdles - Matt Ash Opportunities for New Players Titania Stefanus-Zincke 	<p>Wind Energy & Energy Transition</p> <ul style="list-style-type: none"> Wood Group Safer Training NOV <p>Wind Energy Education, Research & Technology</p> <ul style="list-style-type: none"> EMEC University of Strathclyde Rllot Digital <p>Wind Energy Supply Chain</p> <ul style="list-style-type: none"> Craig International (Jason Van Jaarsveld) Pentagon Freight (Kevin Melnick) Pinnacle Business Solutions FNVi Ltd 	<ol style="list-style-type: none"> Metros possibly procuring energy from IPPs - Shane Prins A Supportive/Conducive Regulatory environment, Private PPAs and Security of Supply Jason van der Poel Bankability requirements for PPAs signed with local govt. and direct large customers - Rentia van Tonder Industry perspective on grid access and grid connection challenges Tshepo Tshivhasa 	<ol style="list-style-type: none"> Developing impactful SED Interventions through collaborations (IPPs, Mining, Govts etc) Fowzia Davids Community ownership and community trusts - Ongama Mtimka Reviewing the Impact of Wind Energy Economic Development initiatives over the last decade - Lizelle Coombs BBBEE & Transformation on spotlight for Renewable Energy Humbulani Netshieneulu



Conference Agenda Day 2 - Part 2

14:00 - 15:30	Breakaway 15 Policy & Markets	Breakaway 16 Economic Development
Theme:	Innovation and Technological Advancement in Wind Energy	Empowerment and Transformation
Moderator:	Kai Howie	Louise Paulsen
Topics:	<ol style="list-style-type: none"> 1. Green Hydrogen export opportunities for SA - Thomas Roos 2. Scottish innovation and capabilities in offshore wind and possible lessons for African opportunities - Laura Peinke 3. The high level overview for potential offshore wind in South Africa Dr. Theo Covary 	<ol style="list-style-type: none"> 1. Wind industry gender diversity programme - Miliswa Mlokoti 2. Improving and financing black participation in the Wind Energy Sector - Meta Mhlarhi 3. Empowerment through Procurement - Supplier development in the Wind Industry - Angelina Mohanpersadh 4. The Value of achieving alignment with Generic Codes - Ditshego Tsebe





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