



2024 BROCHURE

BUILDING RESILIENCE THROUGH WIND POWER

 **OCTOBER**
1 - 3, 2024

 **TIME**
08:30 AM - 17:00PM

 **CAPE TOWN**
CTICC 2



ABOUT WINDAC

As the South African Wind Energy Association (SAWEA)'s flagship industry academic conference, WindAc Africa Conference plays a crucial role in advancing the knowledge and cooperation in the field of wind energy in Africa.

WindAc Africa will be hosted alongside SAWEA's Windaba Conference and Exhibition from 1 – 3 October 2024 at the Cape Town International Convention Centre 2.

The historical participation of attendees from South Africa, United States of America (USA), Denmark, Germany, United Kingdom (UK), and France indicates the international reach and significance of the conference. This diverse representation allows for a broader perspective on wind energy, as participants can share experiences and insights from various geographical contexts. This global exchange of information can contribute to a more comprehensive understanding of wind power and facilitate cross-cultural collaborations.

By providing support and recognition to exceptional students that would have been shortlisted to present their outstanding research papers at the conference, WindAc Africa Conference can inspire and empower the next generation of wind energy professionals through various sponsorship opportunities. These opportunities can include financial assistance, mentorship programs, and networking opportunities, giving students valuable resources and exposure to the wind industry.

The involvement of leading South African universities and students is particularly valuable. By providing a platform for students to engage with experienced researchers and industry professionals, WindAc Africa Conference can inspire and motivate the next generation of wind energy specialists. This interaction can foster mentorship opportunities, networking connections, and potential collaborations between students and established professionals in the field.

By basing the conference program on papers selected through peer review and final selection by a Scientific Advisory Committee, WindAc Africa Conference ensures that the content presented aligns with established academic standards. This approach promotes the dissemination of accurate and valuable research findings, facilitates academic discussion, and contributes to the advancement of knowledge in the wind energy sector.



CONFERENCE FOCUS AREAS

The 2024 conference will cover technical, socioeconomic, policy, and environmental aspects of the wind industry, emphasising academic interaction across disciplines.

- Unlocking grid capacity for integration of wind energy into the grid
- Hybrid projects in the new energy paradigm
- Wind energy policy and its impact role on in a clean energy transition as part of the long-term energy mix
- Wind energy and green hydrogen
- Wind energy's role in the new African market
- The wind resources in Africa, its potential to support socio-economic growth and energy security
- Tackling the challenges to the accelerated roll out of wind energy including but not limited to policies, supply chain and logistical hurdles
- The future of public & private procurement and wind energy
- The economics and market dynamics of wind energy
- Innovative operation and maintenance techniques of wind plants for enhanced asset performance
- Advancement of wind turbine technology for C&I and utility scale markets
- End of life planning, circularity, and sustainability of wind energy
- Wind energy localisation
- Offshore wind – policy requirements, feasibility, development and pathways in South Africa
- Social and environmental impact of wind energy



WINDAC IN REVIEW



350 STUDENT APPLICATIONS



58 SAC MEMBERS



152 ATTENDING STUDENTS



6 SPONSORS



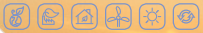
10 DANISH DELEGATION



146 SPEAKERS



CONFERENCE SPONSORS



2022 SPONSORS:



2023 HEADLINE SPONSOR:



EMBASSY OF DENMARK
Pretoria, South Africa



WEBBER WENTZEL
in alliance with > Linklaters





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