

WIBIS SUMMIT TOUR

WIND FARMS AND THEIR IMPACTS

FOCUS ON BIODIVERSITY AND SOCIAL ASPECTS

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WIBIS SUMMIT TOUR

WIBIS BRASIL 2018

19TH & 20TH JUNE, 2018

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WIBIS BRASIL 2018



WIBIS Brasil was the 1st edition of the international conferences WIBIS Summit Tour.

It occurred on the 19th and 20th June 2018, at the Portuguese Consulate, São Paulo.

WIBIS Brasil was promoted by Bioinsight (Portugal), Technical University Berlin (Germany), Pangalia Environmental (United Kingdom), ECOA (Brazil) and Megajoule (Portugal).

WIBIS Brasil was sponsored by Franco Advogados, IFC - International Finance Corporation, Ardea, Biolaw, Proaltitude and DGE.



SPONSORS AND SUPPORT

Support WIBIS Brasil is an opportunity to contribute to the harmonization of the environmental and social sustainability development, in the wind energy sector.

This type of event contributes to a more ecological and sustainable future, through the symbiosis of specialized local companies, framed in the application of the best international practices, and the promoters of wind energy.



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PARTICIPANTS WIBIS

Wind Energy and Biodiversity Summit

WIBIS Brasil counted 61 people from 6 different countries from energy promoters, government authorities, financial entities, consultants and civil society.

The participants were together for two days of specialized sessions on the most current topics on wind farms and their impacts on biodiversity and social aspects.



05 **BANKS**
Participants from IFC

05 **INSTITUTIONS**
Participants from IBAMA, FEPAM, Latec, Empresa de Pesquisa Energética and SIS

13 **ACADEMIA**
Participants from Universidade Federal do Rio Grande do Sul and Universidade de São Paulo

23 **CONSULTANTS**
Participants from TETRA Consultores Biodiversidad, Biometria, Shift Gestão de Serviços Ltda, ViaFAUNA, Biolaw, Ardea Consultoria, Geotropico, Watermeyer and Aiuka

12 **PROMOTORS**
Participants from CPFL, Cemig Geração e Transmissão, Atlantic, NeoEnergia, Engie, RioEnergy and COPEL



Session I - Legal context, international standards and processes

09:20 **AMADO NETTO – IBAMA**
Federal Environmental Licensing and Energy Wind

09:40 **JOHANN KÖPPEL – TU BERLIN**
A pioneer in transition: a mapping of emerging issues in the sustainable development of wind energy in Germany

10:00 **CRISTINA CATUNDA – IFC**
IFC's Socio-environmental Performance Standards Applied to Wind Energy Projects

10:20 **TAARIK CASTILHO - FRANCO ADVOGADOS**
Performance Standards - The Society of Risk and Transformation of Liability

10:40 **MIGUEL MASCARENHAS – BIOINSIGHT**
Environmental Impact Assessment Methods: An Overview of the Process for Different Phases of Wind Power Plants - From Pre-Construction to Operation

14:00 **GABRIEL RITTER - FEPAM**
Technical guidelines for the licensing of wind farms in Rio Grande do Sul

14:20 **EMILIO ROOS – ECOA**
Adaptation of the methodology of the biological dog to the reality of environmental licensing in Brazil

14:40 **ANDREW GILL – PANGALIA ENVIRONMENTAL**
Translating the experience of interactions between marine wind farms and the marine environment

15:00 **MARCELO MONTAÑO - UNIVERSIDADE S. PAULO**
Effectiveness of the Environmental Impact Assessment applied to wind farms in Brazil

15:20 **JULIANA ALMEIDA – SAVE BRASIL**
Migratory birds and wind energy

16:15 **TATIANA MARQUES – CPFL**
Viability of Socioenvironmental ventures - Case: Pedra Cheirosa

16:35 **MARÍLIA BARROS – U. F. PERNAMBUCO**
Guidelines of the Brazilian Society for the Study of Chiroptera in impact assessments of wind parks on bats in Brazil

16:55 **LYGIA PLASTINO – NEOENERGIA**
Environmental Licensing as a Tool to Mitigate Environmental Impacts and Biodiversity Conservation

13 CONFERENCES



120 MINUTES OF DEBATE



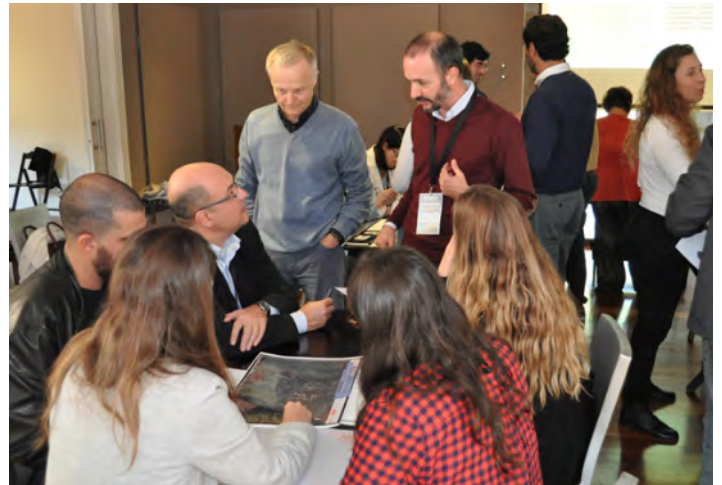
Technical Workshops

PAULO CARDOSO AND MIGUEL MASCARENHAS

Experimental Design for the Evaluation of the Impact on Biodiversity in Wind Farms.

Case Study: Implementation of the Wind Farm of Serra dos Candeeiros, Portugal. Experimental Design for the Evaluation of the Impact on Biodiversity in Wind Farms.

240 MINUTES



PAULO CARDOSO AND MIGUEL MASCARENHAS

How to adjust the mortality of birds and bats in a wind farm?

120 MINUTES



MAIN CONCLUSIONS

STRATEGIC PLANNING IS A WAY OF GUARANTEEING COLLABORATIVE, INFORMED PROCESSES THAT, FROM THE BEGINNING, CONTEMPLATE THE MITIGATION HIERARCHY.

SHARING INFORMATION SPEEDS UP THE LEARNING PROCESS. COLLABORATION IN THE DECISION-MAKING PROCESS FINDS SOLUTIONS AND AVOIDS LITIGATION.

EVERYONE NEEDS TO BE AWARE OF THE RISK AND UNCERTAINTY OF ALL HUMAN ACTIVITY AND THAT BY MAKING MISTAKES WE CAN INCORPORATE LEARNING AND IMPROVE.

TO GO BEYOND COMMAND-CONTROL IT IS NECESSARY FLEXIBILITY AND TIME TO BUILD STRATEGIES AND ADAPTIVE MANAGEMENT.

INTERNATIONAL EXPERIENCE CAN AND SHOULD FUEL CONTINUOUS IMPROVEMENT AND INCORPORATE ADJUSTMENTS TO THE LOCAL REALITY THAT ALLOW AN ADEQUATE RESPONSE TO IMPACT ASSESSMENT.



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**THANK YOU FOR YOUR ACTIVE
PARTICIPATION IN THESE MEETING**

UNTIL THE NEXT WIBIS SUMMIT

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