

**CONFERENCE VENUE**

MW Energie AG  
Luisenring 49  
68159 Mannheim /Germany  
(limited parking spaces on site!)

**CONFERENCE LANGUAGE**

English

**REGISTRATION**

Participants are requested to register online or by email. Please note that the registration is binding. We will confirm your registration by sending the invoice. You will receive your name badges and the list of participants at the conference office before the start of the conference. Please mention the company's invoice address with all other necessary data!

VGB PowerTech e.V.  
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E-Mail: vgb-maintwind@vgb.org  
Online registration:  
[https://www.vgb.org/en/maintenance\\_wind\\_20.html](https://www.vgb.org/en/maintenance_wind_20.html)

**ATTENDANCE**

VGB-Members	€ 690,-
Non-Members	€ 950,-
Universities, authorities, pensioners	€ 300,-

Non-German participants with residence in the EU have to indicate their value added tax identification number.

It is not possible to accept credit cards or currency at the conference office.

The attendance fees are VAT free and include the list of participants, the conference presentations (after the conference), coffee breaks and beverages, lunch and the participation in the evening event. The service rate will be shown in the invoice with VAT.

**Evening Event**

On Tuesday, May 19, 2020, all registered participants are invited to join the evening event at the restaurant "Eichbaum Brauhaus" (Käfertaler Straße 168, 68167 Mannheim/www.eichbaumbrauhaus.de).

**CANCELLATION**

The following fees will be charged for the cancellation of the registration:

Up to 14 days prior the conference	€ 50,-
Within 14 days prior the conference	100 %

Only written cancellations are accepted.

**HOTEL RESERVATION**

For your hotel reservation please contact:  
<https://www.visitmannheim.de/hotels-mannheim>

VGB office regrets being unable to make hotel reservations.

**CONFERENCE OFFICE**

The VGB conference office will be located in the foyer.  
Phone: +49 151 18248002

**OPENING**

May 19, 2020	09:00 h – 17:30 h
May 20, 2020	08:30 h – 15:30 h

**PRIVACY POLICY**

VGB is committed to protect your privacy. We will only use the information that we collect about you lawfully. We collect information about you to process your order and to provide you with best possible service in future. The documents will list your name, surname, title, function, company and place of business. Photos and videos from the event will be published in VGB publications as well as in other publications and the internet.

Supported by  
MVV Energie AG



# MAINTENANCE OF WIND POWER PLANTS 2020

MAY 19/20, 2020  
MANNHEIM/GERMANY



CONFERENCE PROGRAMME  
SUBJECT TO CHANGE

TUESDAY – MAY 19, 2020

- 10:30 **Welcome and introduction to the wind business**  
Ernst Kauder, MWU Umwelt GmbH
- 11:00 **Activities of VGB PowerTech in the field of wind energy**  
Ulrich Langnickel, VGB PowerTech e.V.
- 11:30 **Insights into analyzed damage to drivetrain components**  
Thomas Griggel, Allianz Risk Consulting GmbH
- 12:00 Lunch break
- Life Time Extension – Part I*
- 13:00 **Technical lifetime assessment - A theoretical and practical approach**  
Marc Weißenborn, Deutsche Windtechnik Offshore und Consulting GmbH
- 13:20 **Taking informed decisions on lifetime extension or repowering of wind farms**  
Wolfgang Winkler, GL Garrad Hassan Deutschland GmbH
- 13:40 **Life time extension versus repowering**  
Carsten Hoch, juwi AG
- 14:00 **Panel discussion**
- 14:30 Coffee break

- 15:00 **Life extension: Challenges for owners and operators**  
Thomas. P. Crowden, RWE Renewables International GmbH
- 15:20 **Lifetime extension for gearboxes – Experience & solutions**  
Achim Oebel, Multigear GmbH
- 15:40 **How digital gearboxes can optimize LCoE for wind farms**  
Edwin Hidding, Winergy (Flender GmbH)
- 16:00 **PPA – remuneration without state granted schemes**  
Sara Gravdal, Dirk Garbe, MW Energie AG
- 16:20 **Panel discussion**
- 17:00 **End of lecture programme**
- 19:00 **Evening event**
- WEDNESDAY – MAY 20, 2020**
- Bird Control for Wind Farms*
- 09:00 **Development of a bird protection system**  
Tobias Lokner, BirdVision GmbH & Co. KG
- 09:20 **Bird collision avoidance system – Protect instead of shut off**  
Hans-Ullrich Limberts, Protectis Air GmbH
- 09:40 **Panel discussion**
- 10:00 Coffee break

*Life Time Extension – Part II*

*Service Optimization*

- 10:30 **Digitalization of the maintenance concepts using RDS-PP®**  
Diego Coronado, CGN Europe Energy
- 10:50 **Risk evaluation of maintenance concepts**  
Thomas Burchhart, VERBUND Green Power GmbH
- 11:10 **Augmented intelligence-based approach to predictive maintenance**  
Christopher Gray, i4SEE TECH GmbH
- 11:30 **Conception of SCADA-based hybrid model**  
Björn Roscher, Center for Wind Power Drives
- 11:50 **Panel discussion**
- 12:30 Lunch break
- Future Developments*
- 13:30 **Obstruction light control – different solutions**  
Alexander Gerdes, Quantec Sensors GmbH
- 13:50 **Wind and hydrogen**  
Bastian Bor, Lagerwey B.V.
- 14:10 **Wind farm + Electric thermal energy storage: First results / Case study**  
Jennifer Wagner, Siemens Gamesa Renewable Energy GmbH & Co. KG
- 14:30 **Panel discussion**
- 15:00 **End of conference**