

Since 2001 VGB has provided a growing platform for owners and operators of wind power plants for sharing experience and knowledge at a high expertise level. This platform includes a Strategic Forum, a Technical Committee and four permanent Technical Groups for different technical, operational and environmental topics. Additional groups can be activated on demand. Currently, more than 130 experts are actively participating in VGB wind power committees.

Be part of the powerful operator's network



Our mission

VGB PowerTech | Wind is the first address for all operators of wind power plants regarding technical, environmental as well as strategic issues and it acts as hub for the wind energy sector.

Our objectives

- supporting our members in operation, maintenance and plant optimisation as well as in technical, environmentally relevant and strategic challenges
 - improving the availability, reliability and plant safety for wind power plants
 - supporting a cost-effective durability and environmental management of wind power plants
 - developing new concepts to improve operation and maintenance
 - compiling practice-oriented VGB-Standards considering experience of operators
 - establishing safety standards
 - extending the exchange of experience in engineering and operation
- coordinated performing as the collective European voice of the wind power sector
 - editing and providing facts regarding positions and references
 - inserting positions into European and national regulatory frameworks

Exchanging knowledge > Generating solutions



Joint efforts – Individual benefits

What we do ...	What we provide ...	Your benefit ...
<ul style="list-style-type: none"> We have built an international platform for the exchange and transfer of technical and environmental know-how from experts in accordance to compliance and antitrust rules. 	<ul style="list-style-type: none"> Access to know-how via specialised technical committees and groups with participation of more than 130 experts. Access to a pool of expert knowledge. Preparation of technical and environmental key data to define the state of the art and best practice. 	<ul style="list-style-type: none"> Direct access to a network of independent experts by personal contacts, in order to exchange and to transfer technical and environmental experiences and know-how for the complete life cycle of wind power plants: e.g. design, engineering, licensing, construction, operation, maintenance, learning curves, health & safety, quality management, environmental compatibility.
<ul style="list-style-type: none"> We put at your disposal an access to databases for multi-MW turbines within our User Groups. 	<ul style="list-style-type: none"> Anonymous databases containing the key technical parameters of wind power plants, e.g.: <ul style="list-style-type: none"> Availability Incidents on components 	<ul style="list-style-type: none"> Direct access to databases. Direct exchange of information.
<ul style="list-style-type: none"> We act as a gatekeeper and provider of technical and environmental facts for members and relevant partner associations. 	<ul style="list-style-type: none"> Position papers, e.g.: <ul style="list-style-type: none"> Improving the relationship between manufacturers and owners of wind turbines - Position paper from the owner's point of view Direct contact to and support of political lobby associations on technical and environmental issues. 	<ul style="list-style-type: none"> Harmonization of technical and environmental positions and support of international and national partner associations within the EU and in relation to national legislation procedures (e.g. eurelectric, BDEW).
<ul style="list-style-type: none"> We generate technical and operational standards in close cooperation with operators and suppliers and we supervise technical guidelines. 	<ul style="list-style-type: none"> Industry guidelines and best practice standards, e.g. VGB-Standards: <ul style="list-style-type: none"> VGB-S-823 "Reference Designation System for Power Plants (RDS-PP®) - Application Guideline for Wind Power Plants" VGB-S-831 "Provision of technical documentation for energy supply units" 	<ul style="list-style-type: none"> Efficient execution of projects and improved plant operation, higher plant availability and cost savings with best practice guidelines. Representation of your interests in technical guidelines.
<ul style="list-style-type: none"> We organise events and workshops in accordance with your expressed needs. 	<ul style="list-style-type: none"> Conferences, workshops and meetings concerning current topics, e.g.: <ul style="list-style-type: none"> Maintenance of Wind Power Plants Oil-Monitoring in Wind Power Plants Digitalization in the Wind Industry 	<ul style="list-style-type: none"> Direct exchange of experience with experts on subject-specific events. Newest information on state of technology.
<ul style="list-style-type: none"> We identify, coordinate and manage international funding of joint R&D activities. 	<ul style="list-style-type: none"> Recent projects, e.g.: <ul style="list-style-type: none"> SCADA-based Condition Monitoring Ice Detection Systems for Wind Turbines, Part II: Field test and benchmark 	<ul style="list-style-type: none"> Cost savings, build-up and sharing of know-how. International collaboration to improve access to public funds.
<ul style="list-style-type: none"> We publish detailed information on current technical and environmental topics. 	<ul style="list-style-type: none"> VGB PowerTech Journal: <ul style="list-style-type: none"> Since 2002 over 100 wind power articles published 	<ul style="list-style-type: none"> Receiving information about all generation types on a high technical level in the monthly appearing VGB PowerTech Journal.
<ul style="list-style-type: none"> We offer technical services, engineering consulting and construction supervision. 	<ul style="list-style-type: none"> Lifetime assessment, root cause analysis, operational improvement, materials investigations, quality management, supplier auditing and component qualification. 	<ul style="list-style-type: none"> Independent and high quality assessment of the plants as part of our expert network. Preferred access to our Technical Services: Materials Laboratory and Quality Assurance and Supervision.

**Benefit from our comprehensive offer
as a member of our powerful operator's network.**

Success through Exchange of Experience

VGB PowerTech | Wind
www.vgb.org/en/_wind

Ulrich Langnickel
Senior Expert Wind Energy
Phone: +49 201 8128 238
Email: ulrich.langnickel@vgb.org

Dipl.-Ing. Dr. Mario Bachhiesl
Head of Renewables and Distributed
Generation, Health & Safety
Phone: +49 201 8128 270
Email: mario.bachhiesl@vgb.org

VGB
POWERTECH

VGB PowerTech e. V.
Deilbachtal 173
45257 Essen Deutschland
www.vgb.org

Dr.-Ing. Oliver Then
Executive Management
Phone: +49 201 8128 222
Email: oliver.then@vgb.org