

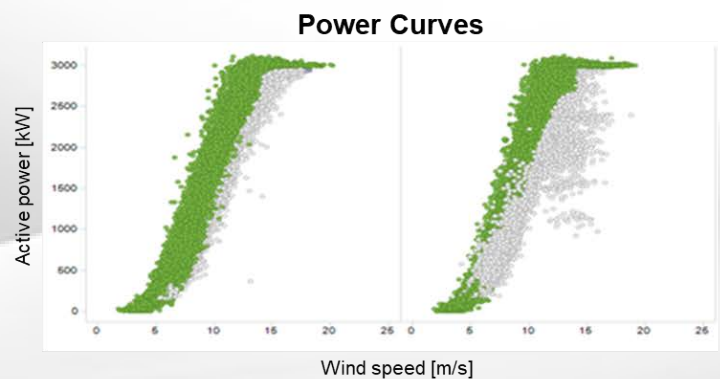
Wind Power Performance Data Exchange - WiPPex

- | VGB PowerTech | Wind and its members have created a new database that supports operators to jointly optimize the operation of their wind power plants.
- | Operators can benchmark the performance of their wind power plants. The database provides different turbine platforms of various manufacturers (e.g. Enercon, Siemens, Vestas, Nordex, GE, Senvion).

Share data with other operators to optimize your own wind power plants

Anonymized data

- Wind speed/wind direction
- Nacelle direction/pitch angle
- Active power/reactive power
- Generator/rotor revolution
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Your benefit

- | Users have direct access to the processed operational anonymized data in order to create their own benchmark.

Participation

- | Only companies providing operational wind power plant data can download raw and unfiltered data.

Data transfer

- | The time series SCADA-based data are continuously supplied every 10 minutes.

Confidentiality

- | High data anonymity and compliance to confidentiality are ensured.
- | The data is stored on devices installed in Germany to ensure maximum level of data security.

Extension

- | VGB and its members are currently extending the database to create a failure statistic of the main wind power plant components.

Contact us for more details on Wind Power Performance Data Exchange - WiPPex

Individual Success through
Exchange of Performance Data

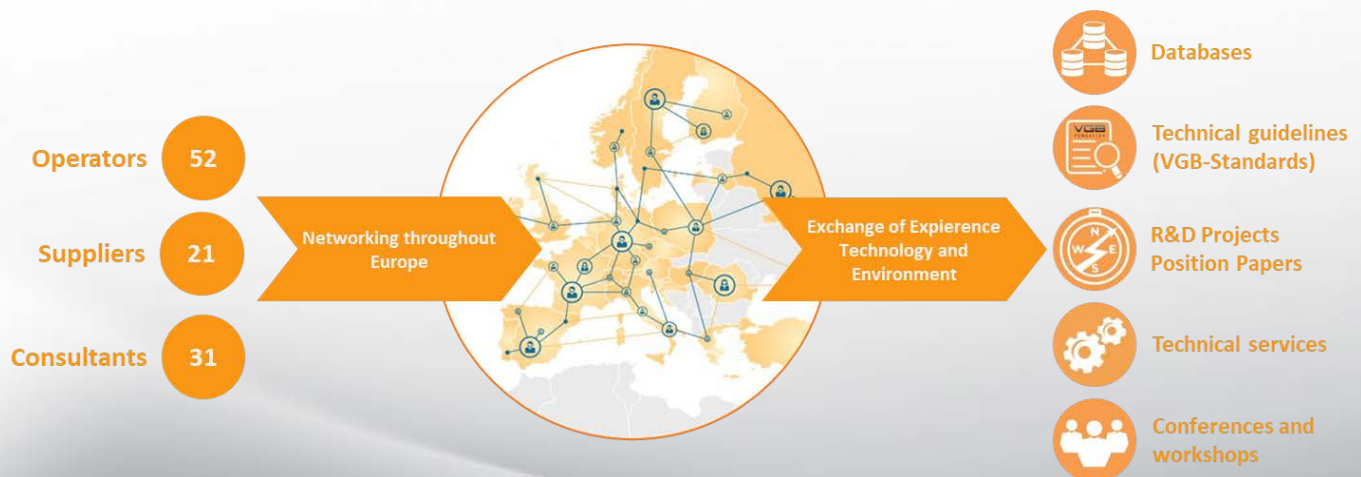


... is the first address in techno-economic and environmental issues and functions as the collective European platform and key representative for wind community.

Benefit from our wind energy network for your operational challenges

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 energy 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
 - running 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

VGB PowerTech | Wind

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