

Since 2002 VGB has provided a growing platform for owners and operators of biomass power plants for sharing experience and knowledge at a high expertise level. This platform includes the Technical Group “Biomass” and additionally 33 working groups for different technical, operational and environmental topics. Currently, more than 30 experts are participating in VGB’s Technical Group “Biomass”.

Be part of the powerful operator’s network



Our mission

to be the first address for all stakeholders in technical and environmental issues concerning biomass

Our objectives

supporting our members in operational and maintenance business as well as in technical, environmental and strategic challenges

- assisting to gain high levels of availability and reliability for their biomass power plants
- developing new concepts to improve operational and maintenance management
- supporting a cost-effective power plant life cycle and enhancing environmental compatibility of biomass power plants
- developing best practice standards (VGB-Standards)
- keeping highest standards of occupational health and operational safety
- fostering exchange of knowledge and gaining new technical and operational achievements

performing as the united European voice of the biomass power plant operators

- being the key provider for technical and environmental input into policy, legislation and standardisation
- preparing technical and environmental facts for recommendations and positions

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. 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 biomass 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 as well as to reporting systems in the domains of availability and reliability. 	<ul style="list-style-type: none"> KISSY database (Power Plant Information System) to benchmark power plants, e.g.: <ul style="list-style-type: none"> Availability Performance Incidents on components 	<ul style="list-style-type: none"> Direct access to databases and online reporting systems (e.g. benchmarks, damage analysis, provision of reports).
<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, White papers e.g.: <ul style="list-style-type: none"> Torrefied / Refined Pellets for Biomass Co-Firing Advantages and Limitation of Biomass Co-combustion in Fossil-fired Power Plants 	<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, IEA Bioenergy, RHC Platform).
<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-018 "Fire and Explosion Protection in Biomass Power Plants" 	<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 to current topics, e.g.: <ul style="list-style-type: none"> Fire and Explosion Protection in Biomass Power Plants High Temperature Corrosion in Biomass Power Plants 	<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, joint R&D activities. 	<ul style="list-style-type: none"> Recent projects, e.g.: <ul style="list-style-type: none"> BioStoMo – Biomass Storage Monitoring HOSEP – Prevention of Biomass Self-ignition 	<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 2010 over 40 biomass 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 Experiences

VGB PowerTech | Biomass
www.vgb.org/en/_biomass

Dipl.-Ing. (FH) Sebastian Zimmerling
Advisor Biomass, Biogas,
Fire and Explosion Protection
Phone: +49 201 8128-330
E-mail: sebastian.zimmerling@vgb.org

Dipl.-Ing. Dr. Mario Bachhiesl
Head of Renewables and Distributed
Generation, Health & Safety
Phone: +49 201 8128-270
E-mail: 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
E-Mail: oliver.then@vgb.org