

Flue Gas Cleaning 2022



vgbe-Workshop

8 & 9 June 2022

Ismaning, Germany

vgbe Workshop

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This year the 20th workshop of vgbe energy takes place and offers a platform for networking and exchange of experience of experts.

The workshop covers a wide range of flue gas cleaning activities, this year especially with a view to mercury emission reduction experiences and also an overview about the actual plans for legislative changes in the EU. Other topics are developments in SNCR and SCR technologies, flue gas condensation, improvement of gypsum quality in the scrubber, material behavior in aggressive media and challenges of gas components measurement systems.

PROGRAMME – Wednesday, 8 June 2022

11:00	Opening conference office – LUNCH
12:00 V01	First analysis of IED and E-PRTR revision proposals under the EU Green Deal <i>Remi Bussac, EDF, Paris / France</i>
12:30 V02	Impact of oxidation air flowrate on FGD operations, WWT plant performance and gypsum quality <i>Greta Breeel, RWE Eemshaven, Jan Middelkamp, DNV GL, Arnheim / The Netherlands</i>
13:00 V03	An innovative new sorbent designed for circulating dry scrubbers <i>Rodney Foo, Johan Heiszwolf, Lhoist, Nivelles / Belgium</i>
13:30	Coffee break

14:00 V04	Pros- and Cons of different flue gas cleaning concepts downstream sludge incineration boilers – Comparison of concepts, examples of executed plants, operational experience, decrease of complexity and general optimization approaches <i>Sven Kaiser, Stefan Binkowski, Tobias Brand, Axel Thielmann, Steinmüller Engineering GmbH, Gummersbach / Germany</i>
14:30 V05	Mercury reduction at RWE Power – Development from pilot plant to productive plant <i>Knut Stahl, André Maun, Stephan Koltzk-Odenthal, RWE Power AG, Essen / Germany</i>
15:00 V06	Measures to meet the provisions on mercury control in CEZ group – Update 2022 <i>Patrik Tůma, Pavel Frolka, CEZ a.s., Prague / Czech Republic</i>
15:30	Coffee break
16:00 V07	The research of alternative sorbents for mercury capture in flue gas after fossil and alternative fuels combustion <i>Lukas Pilar, Czech TU in Prague, Karel Borovec, VSB – TU of Ostrava / Czech Republic</i>
16:30 V08	A case study of FGD optimization for Hg-removal <i>Jan Schütze, IEM FörderTechnik GmbH, Kast, Andreas Schüler, Vattenfall / Germany</i>
17:00 V09	LJUNGSTRÖM's AdvX® System for Fuel Flexibility, APH protection and emission reduction <i>Stevean W. Kosler, Jonas S. Klingspor, Wellsville, NY / USA, Wolf-Peter Jehn, ARVOS Ljungström, GmbH, Heidelberg,</i>
19:00	Joint dinner

PROGRAMME, THURSDAY, 9 JUNE 2022

08:30 V11	Optimization and Debottlenecking of a flue gas condensate treatment plant <i>Folmer Fogh, Ørsted, Fredericia / Denmark</i>	12:00 V17	Optimization potential for structural components in aggressive environments through the use of thermoplastics Aline Quandt, Technoform Germany
09:00 V12	SNCR Technology for advanced WtE applications and industrial boilers burning various fuels <i>Daniel von der Heide, Bernd von der Heide, Mehldau & Steinfath Umwelttechnik GmbH, Essen / Germany</i>	12:30 V18	The challenges of gas composition measurement in pollution abatement systems (e.g. sewage sludge combustion, fluidized bed combustion and biomass combustion) and how these can be mastered effectively Deborah Padwater, SICK AG, Waldkirch / Germany
09:30 V13	Optimization of existing DeNOx plants by means of the modification of the ammonia injection systems <i>Wolfgang Schüttenhelm, WS Management & Engineering, Wiehl / Germany</i>	13:00	Joint lunch
10:00 V14	DeNOx SCR ULTRA® system for on-site ammonia generation Piers de Havilland, Luca Crudeli, Fuel Tech Srl, Galarate / Italy, Penelope Stamatakis, John M. Boyle, Fuel Tech Inc. Warrenville, IL / USA	14:00 – 17:00	Power plant visit (subject to revision)
10:30	Coffee break		
11:00 V15	NO _x emission control after recovery boilers with DeNOx scrubbers Virva Kuvaja, Mikko Paavola, Ilari Vuorinen, Valmet Technologies Oy, Tampere / Finland		
11:30 V16	Special stainless steels and nickel alloys. Fabrication and new developments Volker Wahl, VDM Metals International GmbH, Werdohl / Germany		

VENUE

Hotel am Schlosspark & Hotel-Gasthof Neuwirt
Schloßstraße 7
85737 Ismaning
Phone: +49-89-961020

REGISTRATION

Registration is requested online. The invoice will be sent to you by post; there will be no separate confirmation. The badges and workshop documents will be handed out to you at the conference office before the start of the workshop.

ONLINE REGISTRATION

<https://register.vgbe.energy/40222/>

CONTACT

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ATTENDANCE

Attendance fee vgbe members	790 €
Attendance fee non-members	990 €

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

The attendance fee includes the workshop programme, the participation list, all documents, coffee and beverages, lunch buffet on June 8/9, 2022.

The companies Lechler GmbH, SZS Engineering, Steinmüller Engineering GmbH and VDM Metals International GmbH kindly invite the participants of the workshop to dinner.

CANCELLATION

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

- up to 4 weeks before the workshop 50 %
- within 4 weeks before the workshop 100 %

Only written cancellations are accepted!

SAFETY & HEALTH

Please observe the instructions and regulations for "corona protection" on site. These result from official requirements and our hygiene concept for your protection.

ACCOMODATION

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By indicating vgbe WS FGC

DATA PROTECTION & GENERAL TERMS

For detailed information about data protection please refer to (short link: <https://t1p.de/yqbp7>):

https://www.vgbe.energy/terms_participation_cancellation_right/

* vgbe energy has been the new brand identity of VGB PowerTech since September 2021.