

POWER PLANTS 2010

Essen, Germany
September 22 to 24, 2010

The Meeting Place of European Electricity and Heat Producers:

- ◆ More than 1000 Participants from more than 20 Countries
- ◆ Accompanying Exhibition

Lecture Programme with Current Topics

- ◆ Market and Competition
- ◆ Technology, Operation and Environment

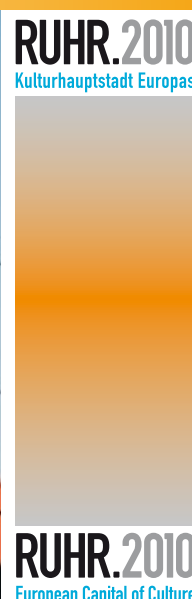
Interesting Side Programme

- ◆ Welcome Evening
- ◆ Gala Evening
- ◆ Sight-seeing Essen and Surroundings
- ◆ Technical Visits

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Klinkestr. 27-31 · 45136 Essen · Germany · Phone +49 201 8128-211 (Marthe Molz) · Fax +49 201 8128-350 · marthe.molz@vgb.org

Information to the Technical Exhibition

VGB PowerTech Service GmbH · Angela Langen · Phone +49 201 8128-310 · Fax +49 201 8128-6310 · E-Mail: angela.langen@vgb.org

MESSE ESSEN GMBH · Christiana Klein · Phone +49 201 7244-588 · Fax +49 201 7244-448 · E-Mail: christiana.klein@messe-essen.de

RENEWABLES, NUCLEAR, COAL AND GAS – TECHNOLOGIES FOR A LOW CARBON FUTURE

VGB CONGRESS POWER PLANTS 2010

IN ESSEN/GERMANY, 22ND TO 24TH SEPTEMBER 2010

SUBJECT TO CHANGES

Wednesday, 22 September 2010

12:00	Opening of the Exhibition
16:00	Opening of the Congress Opening Speech <i>Prof. Dr. Gerd Jäger, Chairman VGB PowerTech e.V.</i> Keynote Speech Welcome Address <i>Dr. Jürgen Großmann, President and CEO RWE AG, Essen, Germany</i> <i>Reinhard Paß, Lord Mayor of the City of Essen, Germany (enquired)</i> <i>Hans ten Berge, Secretary General EURELECTRIC, Brussels, Belgium</i> Awards Festive Lecture 90 Years VGB – Practical Reason in a Technical Culture <i>Prof. Dr. Dr. Carl Friedrich Gethmann Director of the European Academy for researching the consequences of scientific-technical development GmbH, Bad Neuenahr-Ahrweiler, Germany</i>
18:30 ensuing	End of the Opening Ceremony Welcome Evening in the Exhibition

Thursday, 23 September 2010

	Renewables, Nuclear, Coal and Gas – Technologies for a Low Carbon Future <i>Chairman of the Session: David Marsh</i>
09:00 P 1	Adopting Future Challenges – The New Structure of Power Generation <i>Dr. Bernhard Fischer, CEO E.ON Generation GmbH, Hannover, Germany</i>
09:20 P 2	Renewable Energies in Europe – Opportunities and Challenges <i>Prof. Fritz Vahrenholt, CEO RWE Innogy GmbH, Essen, Germany</i>
09:40 P 3	New Nuclear on the Horizon – the UK Approach <i>Kevin McCullough, Chairman "Horizon Nuclear Power", Gloucester, Great Britain</i>
10:00 P 4	Sustainable Energy for Europe <i>Günther Oettinger, EU Commissioner "Energy", European Commission, Brussels, Belgium (enquired)</i>
11:0h	Panel Discussion <i>Chair: David Marsh</i> <i>Speaker P1, P2, P3, P4, Dr. Michael Süß (Siemens AG) and Hans ten Berge</i>
12:00	Lunch / Luncheon Speaker <i>Lars Bondo Krogsgaard, CEO, Region EMEA, Wind Power, Siemens AG</i>
	Section A – Combined Generation Portfolio
14:00 A 1	Requirements of the Market and Grid Operation to the Electricity Generation <i>Dr. Günther Rabensteiner, Verbund Austrian Power Trading AG, Vienna, Austria</i>
14:30 A 2	Perspectives for the Generation Portfolio of the Future <i>Dr. Frank-Detlef Drake, RWE AG, Essen, Germany</i>
15:30 A 3	Pump Storage Plants – Status and Perspectives <i>N.N., Verbund AHP, Alpiq, RWE</i>
16:00 A 4	Nuclear / Renewables – Partners or Adversaries? <i>Prof. Dr.-Ing. Alfred Voß, University of Stuttgart Institute for "Energiewirtschaft und Rationelle Energieanwendung", Stuttgart, Germany</i>

Section B – Technology / Future Development

14:00 B 1	New Power Plants in Europe – Challenge for Project and Quality Management <i>Matthias Hartung, RWE Technology GmbH, Essen, Germany</i>
14:30 B 2	"Walsum 10" – The First Power Plant of the New Generation is in Operation <i>Peter Weiß, Evonik Steag GmbH, Essen, Germany, and Christian Gabriel, EVN AG, Maria Enzersdorf, Austria</i>
15:30 B 3	The Challenge of an Integrated Development in Maasvlakte, The Netherlands <i>Gustaaf Boon, GDF Suez, Linkebeek, Belgium, and Dr. Jörg Kruhl, E.ON Energie AG, Munich, Germany</i>
16:00 B 4	Performance Improvement EnBW Power Plant Fleet <i>Martin Giehl, EnBW Kraftwerke AG, Stuttgart, Germany</i>
ca. 19:30	Gala Evening on Zeche Zollverein

Friday, 24 September 2010

Section A – Combined Generation Portfolio

09:00 A 5	New Fossil Fired Power Stations in Europe – Status and Perspectives <i>Dr. Wolfgang A. Benesch, Evonik Energy Services GmbH, Essen, Germany, and Dr. Sauro Pasini, ENEL Produzione SpA, Pisa, Italy</i>
09:30 A 6	Nuclear Energy: Outlook for New Build and Lifetime Extension in Europe <i>Rüdiger König, RWE Power AG, Essen, Germany, and Dr. Willibald Kohlpaintner, E.ON Kernkraft GmbH, Hannover, Germany</i>
11:00 A 7	Biomass in the Future European Energy Market – Experiences of Dong Energy <i>Charles Nielsen, Dong Energy, Fredericia, Denmark</i>
11:30 A 8	Meeting the 20:20 Targets: the Offshore Challenge <i>Michael Lewis, E.ON Climate & Renewables, Düsseldorf, Germany</i>
12:00 A 9	Status and Activities of DESERTEC <i>Prof. Dr. Dr. Hans Müller-Steinhagen, Head of the Institute of Technical Thermodynamics (DLR, Germany Aerospace Center) University of Stuttgart, Germany</i>

Section B – Technology / Future Development

09:00 B 5	Lessons Learned from Operation of Worldwide CCS Pilot Plants <i>Philippe Paelinck, Alstom Power, Paris, France</i>
09:30 B 6	Two Years of Operation Experience with the Vattenfall Oxyfuel Pilot Plant <i>Hubertus Altmann, Vattenfall Europe Generation AG, Cottbus, Germany</i>
11:00 B 7	Consideration of Safety in New Build Activities of Power Plants <i>Gerhard Seibel and Bob Taylor, E.ON New Build & Technology</i>
11:30 B 8	Pre-conditions for CCS <i>Dr. Johannes Heithoff, RWE Power AG, Essen, Germany, Dr. Georg Gasteiger, AE&E Group GmbH, Vienna, Austria, Dr. Bernd Eck, BASF, Ludwigshafen, Germany, and Jörg Linsenmaier, Linde-KCA-Dresden GmbH, Dresden, Germany</i>
12:00 B 9	Overview: New Generation of Gas Turbines <i>Gustaaf Boon, GDF Suez, Linkebeek, Belgium</i>
12:30 – 13:30	"Farewell" in the Exhibition Ensuing Technical Visits