

DRYLIG project Final Workshop: Competitive pre-drying technologies and firing concepts for flexible and efficient lignite utilization

Thursday, 8th June 2017

Wroclaw University of Science and Technology

Programme Agenda

Wyb. Wyspiańskiego 27, 50-370 Wrocław, building A-4, room 263
(entrance from Norwida 1/3 St)

Conference language: English and Polish

- 08:30 – 09:00 **Registration of conference participant**
- 09:00 – 09:45 **Welcome lecture – Faculty of Mechanical and Power Engineering**
Sławomir Pietrowicz, Wroclaw University of Science and Technology (Poland)
- Introduction to the DRYLIG project**
Manolis Karampinis, Centre for Research & Technology Hellas (Greece)
- Expectations of Polish coal-based power sector**
Waldemar Szulc, Economic Society Polish Power Plants (Poland)

Session 1 – Lignite drying technologies & applications

- 09:45 – 10:30 **The challenges in drying and use of dried lignite**
Halina Pawlak-Kruczek, Wroclaw University of Science and Technology (Poland)
- The demonstration of HELE Coal Technology in China**
Li Sheng, Shandong Tianli Energy Co. Ltd (China)
- 10:30 – 11:00 **Coffee break**

Session 2 – Lignite use in the power and cogeneration sectors

- 11:00 – 13:00 **District Heating System – opportunities and threats in the context of low-carbon energy**
Andrzej Goździkowski, ENERGETYKA CIEPLNA OPOLSZCZYŹNY SA (Poland), Zbigniew Plutecki, Opole University of Technology (Poland)
- Flexibility & Efficiency Programme**
Tomasz Janda, EDF Polska S.A. (Poland)
- Dry lignite utilisation towards improving flexibility and competitiveness of lignite power plants**
Michalis Agraniotis, Mitsubishi Hitachi Power Systems Europe GmbH (Germany)

Improvement of flexibility of coal fired power plants

Ralph Dobrowolski, General Electric (Germany)

Plasma ignition system for pulverized coal burner

Jakub Szalatkiewicz, Przemysłowy Instytut Automatyki i Pomiarów (Poland)

13:00 – 14:00

Lunch break

Session 3 – Technical and economic aspects of dry lignite utilization

14:00 – 15:00

Co-firing experiences with pre-dried lignite at pilot scale

Jörg Maier, Ioannis Papandreou, IFK (Germany)

Integration of lignite drying systems in power plant cycles and economics of pre-dried lignite production

Ioannis Avagianos, Manolis Karampinis, Centre for Research & Technology Hellas (Greece)

Use Lignite in gasification -review of polish japan project

Grzegorz Tomaszewicz, Institute for Chemical Processing of coal (Poland)

15:00 – 16:00

Q&A Session / Roundtable discussion

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Organizers:



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