



COALTECH

APEC EXPERT GROUP
ON CLEAN FOSSIL

7th COALTECH 2008

International Conference and Exhibition

FIND THE WAY: SECURE AND CLEAN FUTURE FOR COAL

17 - 19 NOVEMBER 2008
SULTAN HOTEL, JAKARTA INDONESIA

Supported by:



Ministry of Energy and Mineral Resources and



Agency for the Assessment and Application of Technology

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USDOE National Energy
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ERIA (Economic Research Institute
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New Energy & Industrial Technology
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Japan Coal Energy Center-
Japanese Center for Asia Pacific Coal Flow

P.T. KIDECO JAYA AGUNG



PT. BUMI Resources Tbk.

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APEC EGCFE
EXPERT GROUP ON CLEAN FOSSIL ENERGY



Agency for R&D of Energy
and Mineral Resources, MEMR



U.S. Department of Energy

COALTECH STEERING ORGANIZING COMMITTEE MEETING

ICS
Indonesian Coal Society

CONFERENCE PROGRAM

DAY 1 Monday, 17th November 2008

8.00 – 9.00 Registration at the Conference

OPENING CEREMONY

9.00 – 9.10 Welcome speech from Mr. Firdaus Akmal Chairman of the Indonesian Coal Society

9.10 – 9.20 Welcome Speech by Mr. Bambang Dwiyanto, Head of the Agency of R&D for Energy and Mineral Resources, MEMR, Indonesia

9.20 – 9.30 Welcome Speech by Mr. Scott Smouse, APEC EGCFE Chair, USA

9.30 – 9.40 Keynote Address by Mr. Yoshihiko Nakagaki, President, JPOWER/ Chairman, JCOAL, Japan

9.40 - 10.00 Keynote Address and Opening Speech Energy Resources and Investment in Indonesia by Dr. Purnomo Yusgiantoro, Minister of Energy and Mineral Resources RI, Indonesia

10.00 – 10.20 Q & A

10.20 – 10.30 Coffee Break

SESSION 1 Coal Demand/Supply & Policy in the APEC Region I

10.30 – 10.50 Coal Policy in Indonesia, Dr. Ir. Bambang Setiawan, Director General of Mineral, Coal and Geothermal, MEMR, Indonesia

10.50 – 11.10 Electricity Demand in Indonesia, Ir. Fahmi Mochtar, President Director of PT. PLN, Indonesia

11.10 – 11.30 Outlook of Coal Demand/Supply & Policy in Japan, Mr. Hirotohi Kunitomo, METI, Japan

11.30 – 11.50: Outlook of Coal Demand/Supply & Policy in USA, TBD, EIA, DOE, USA

11.50- 12.10 Outlook of Coal Demand/Supply & Policy in Malaysia, Dato' Ir Pian Sukro, Chairman and CEO, Energy Commission, MVEC, Malaysia

12.10 – 12.30 Int'l Expanding of Japan's CCT through ERIA's Activities, Prof. Isao Mochida, Kyushu University, Japan

12.30 – 12.50 Outlook of Coal Demand/Supply & Policy in Thailand, Dr. Boonrod Sajjakulnukit, DEDE, Thailand

12.50 – 13.10 Q & A

13.10 – 14.00 Lunch Break hosted by ERIA



SESSION 2 Coal Demand/Supply & Policy in the APEC Region II

14.00 – 14.20 Outlook of Coal Demand/Supply & Policy in the Philippines, Mr. Ramon Allan V. Oca, Undersecretary, DOE, the Philippines

14.20 – 14.40 Outlook of Coal Demand/Supply & Policy in Chinese Taipei, Dr. Jyung-Shianu Chern, BOE, MOEA, Chinese Taipei

14.40 – 15.00 Outlook of Coal Demand/Supply & Policy in Russia, Mr. Dirmirty Sokolov, CERIS, KEEL and SEI, SBRAS, Russia

15.00 – 15.20 Outlook of Coal Demand/Supply & Policy in Vietnam, TBD, VINACOMIN, Vietnam

15.20 – 15.40 Outlook of Coal Demand/Supply & Policy in Korea, Dr. Shihyun Lee, KIER, Korea

15.40 – 16.00 Q & A

16.00 – 16.10 Coffee Break

SESSION 3 Coal Demand/Supply & Policy in the APEC Region III

~PANEL DISCUSSION: FIND THE WAY- COAL DEMAND SUPPLY IN APEC REGION~

Moderator: Mr. Hirotohi Kunitomo, METI, Japan

16.10 – 16.30 Outlook of Coal Demand/Supply & Policy in China, TDB, CNCA, P.R. China

16.30 – 16.50 Outlook of Coal Demand/Supply & Policy in India, Mr. K.S. Kropha, Joint Secretary, MOC, India

16.50 – 17.10 Outlook of Coal Demand/Supply & Policy in Australia, Ms. Sinthia Perez, DRET, Australia.

17.10 – 17.30 Outlook of Coal Demand/Supply & Policy in Indonesia, TBD, MEMR, Indonesia

17.30 – 18.30 Discussion

19.00 - 21.00 Welcome Dinner Reception



DAY 2 Tuesday, 18th November 2008

KEYNOTE ADDRESSES CLEAN COAL TECHNOLOGY

9.00 – 9.20 Keynote Address: Dr. Marzan Iskandar, Deputy Chairman for Information, Energy and Material, BPPT, Indonesia

9.20 – 9.40 Keynote Address: Overview of Clean Coal Technology in Indonesia, Dr. Bukin Daulay, Head of R&D Center for Mineral and Coal Technology, MEMR, Indonesia

9.40 – 10.00 Keynote Address 3: U.S. Zero-Emission RD&D for Future Coal Power Generation, Mr. Scott Smouse, International Team Leader, National Energy Technology Laboratory, DOE, USA

10.00 – 10.20 Q&A

10.20 – 10.35 Coffee Break

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SESSION 4 Clean Coal Technology I

10.35 – 12.15

TRACK I : POWER GENERATION

1. CCT; Facing the Greenhouse Challenge in Australia, Mr. John Karas, DRET, Australia
2. Environmental Monitoring for Coal-Fired Power Plants in Developing Asian APEC Economies, Ms. Jette Findsen, SAIC, USA
3. Advanced Power Plant Control Systems, TBD, Emerson Process Control, USA (invited)
4. Technical Review on Low Rank Coal Utilization in Existing Pulverized Coal Power In Indonesia, Ir. Cahyadi, Energy Technology Center, BPPT, Indonesia

10.35 – 12.15

TRACK II : CLEAN COAL TECHNOLOGY R&D

1. B2TE Experiences in CCT, Dr. Oktaufik & Dr. Adiarso, Energy Technology Center, BPPT, Indonesia
2. Power Generation and CO₂ Capture Research Activities at KEPCO, Dr. Sungchul Kim, KEPI, KEPCO, Korea
3. Development of Commercial of Coal Upgrading Plant, Prof. Aryadi Suwono, Institute Technology Bandung, Indonesia
4. Coal Cooperation and Development in ASEAN Countries, Dr. Boonrod Sajjakulnukit, DEDE, MOE, Thailand

10.35 – 12.15

TRACK III: COAL TECHNOLOGY IMPLEMENTATION

1. Technology Status and Project Development Risks of Advanced Coal Power Generation Technologies in APEC Developing Economies, Mr. David Maslin, Worley Parsons USA
2. Clean Coal Technologies in Thailand Dr. Boonrod Sajjakulnukit, DEDE, MOE, Thailand
3. Prospect for Implementation of Coal Liquefaction in Indonesia, Dr. Unggul Priyanto, BPPT
4. Coal Upgrading Briquette, Ir. Taufik Sastrawinata, BPPT, Mr. Dennis Poirier, Alstom Power, USA, Mr. Frederic Dehont, Sahut Conreur, France

12.15 – 13.30 Lunch Break

SESSION 5 Clean Coal Technology II

13.30 – 15.10

Track I : Power Generation

1. Coal Gasification Implementation in PT. PLN, Dr. Adiarso, Energy Technology Center, BPPT, Indonesia
2. Environmental Regulations to Promote Clean Coal Technology in Developing APEC Economies, Ms. Jette Findsen, SAIC, USA
3. GE's Gasification & IGCC Technology Application, Mr. Jason Crew, GE Energy, USA
4. Ultra-Supercritical Coal Power Generation, Mr. Kiyoshi Arai, IHI, Japan

13.30 – 15.10

Track II : R&D Clean Coal Technology

1. Update on Weburn-Midale Carbon Sequestration Project, Dr. Frank Mourits, Natural Resources Canada
2. R&D Status of Low Rank Coal Utilisation in Korea, Dr. Hyung Taek Kim, Ajou University, Korea
3. Technical Review of DME from Coal as Alternative Fuel in Indonesia, Mr. Ahsonul Anam, BPPT, Indonesia
4. Dyes Removal by Adsorption on Activated Lignite, Prof. Dwihahju Sasongko, Institute Technology Bandung, Indonesia

13.30 – 15.10

TRACK III: COAL TECHNOLOGY IMPLEMENTATION

1. Clean Coal Technology Implementation in the Philippines, TBA, the Philippines
2. Upgraded Brown Coal, Mr. Takeo Shigehisa, Kobe Steel, Japan
3. EAGLE Project, Mr. Naokazu Kimura, JPOWER, Japan
4. Lessons Learned in Upgrading and Refurbishing Older Coal-Fired Power Plants ~ A Best Practices Guide for Developing APEC Economies. Mr. David Maslin, Worley Parsons, USA

15.10 – 15.25 Coffee Break

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SESSION 6 Clean Coal Technology III

15.25 – 17.05

Track I : Power Generation

1. Carbon Capture and Storage- A Future For Indonesian Coal?, Ms Angky P, Energy Technology Center, BPPT, Indonesia
2. Coal Gasification of Shell, TBD, Netherland (tentative)
3. Plasma Ignition for Coal-fired Boilers, Mr. Lin Shusheng & Mr. Wang Yingtao, Yantai Longyuan Power Technology Co. Ltd., P.R. China
4. TBD

15.25 – 17.05

Track II : R&D Clean Coal Technology

1. HWT-CS technology for substitute for Fuel Oil, Mr. Chiaki Suyama, JGC, Japan
2. Blending Coals to Meet Boiler Specification, Dr. Adiarso, Energy Technology Center, BPPT, Indonesia
3. Development of 1000-MW Ultra-Supercritical Coal-Fired Units in China, Dr. Zhao Zongrang, TPRI, PR China
4. Financial Analysis of Coal Liquefaction Plant, Dr. Miftahul Huda, R&D Center for Mineral and Coal Technology, MEMR, Indonesia

15.25 – 17.05

Track III: Coal Technology Implementation

1. CFB Implementation and Deployment Strategy in Korea, Dr. Dowon Shun, Zero-Emission Technology Research Center, Korea
2. Plasma Ignition Technology for Coal-Fired Boilers, Mr. Yantai Longyuan, Electric Power Engineering Co. Ltd., P.R. China
3. TBD

SESSION 7 Clean Coal Technology IV

17.05– 17.15 Closing Remarks: Mr. Scott Smouse, APEC EGCFE Chair, USA

DAY 3 Wednesday, 19th November 2008

8.00 - 17.00 Optional Site Tour: 3,400 MW Coal-fired Power Plant Suralaya