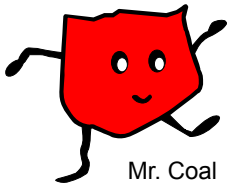
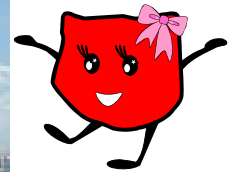


CLEAN COAL DAY IN JAPAN 2007



Mr. Coal



Miss. Sumi

Wed 5th ~Thu 6th September, 2007
Fri 7th September, 2007

Mori Tower Bldg, Roppongi Hills (49F, "Tower Hall")
Site Tour
(AIST & TEPCO-Hitachinaka Thermal Power Station)

FOREWORD

Coal is excellent resource in terms of its stability of supply and economy. It is used as an extremely important energy resource in combination with other energy resources and also a raw material in the iron & steel industry and so on.

Since we are urged to take speedy action against global warming before 2008 in which Kyoto Protocol First Commitment Period starts, more effective environmental countermeasures for coal utilization are expected.

Under such circumstances, the CLEAN COAL DAY Executive Committee comprising representatives from 7 coal-related organizations expects to hold a special event to let you know the global trend of CCT for harmony with environment as well as supply-demand situation seeking your deep apprehension of the role played by coal in achieving the best mix in the future.

We hereby humbly invite you to attend the event with your kind understanding of our intension.



Subway "ROPPONGI" station

- Hibiya Line ~ 3 min walk (directly connected to Roppongi Hills)
- Oedo Line ~ 6 min walk

Executive Committee and Organized by

Japan Coal Energy Center (JCOAL)
The Japanese Committee for Pacific Coal Flow (JAPAC)
The Japan Iron and Steel Federation (JISF)
The Federation of Electric Power Companies of Japan (FEPC)
Japan Cement Association (JCA)
Japan Paper Association (JPA)
Electric Power Development Co., Ltd. (J-POWER)

Under the Auspices of:

Ministry of Energy, Trade and Industry of Japan (METI)
Embassies (Australia, USA, Canada, China, Indonesia
South Africa, Thailand, Philippines, Vietnam, India,
Russia, Mongolia)

In Cooperation With:

Japan Chemical Industry Association(JCIA)
The Japan Institute of Energy (JIE)
Japan Soda Industry Association (JSIA)
The Iron and Steel Institute of Japan (ISIJ)
The Society of Chemical Engineers, Japan (SCEJ)
Japan Chemical Fibers Association (JCFA)
Engineering Advancement Association of Japan (ENAA)
Thermal and Nuclear Power Engineering Society (TENPES)
The Mining and Materials Processing Institute of Japan (MMIJ)
Information Center for Energy and Environment Education (ICEE)
City of Kushiro, Board of Education in Ube City
Japan Association of Energy and Environment Education (JAEE)

Executive Committee for "CLEAN COAL DAY"

<Secretariat> Yasuo Arai, Japan Coal Energy Center (JCOAL)

Tel: +81-3-6400-5193 Fax:+81-3-6400-5207 Email: ccd2007@jcoal.or.jp

CLEAN COAL DAY in JAPAN 2007

More than ever, To the end, It's got to be **COAL!**

"Coal, A Precious Resource"

~Towards More Efficient and Environmentally Friendly Utilization~

Advanced Clean Coal Technology International Symposium 2007 • The 19th JAPAC International Symposium
Japan Coal Energy Center (JCOAL) • The Japanese Committee for Pacific Coal Flow (JAPAC)

5th ~ 6th September, 2007

Tower Hall, Roppongi Academyhills, Tokyo



| Wednesday, 5th September, 2007 | |
|--------------------------------|---|
| 12:30-13:00 | Registration |
| 13:00-13:25 | Opening Session |
| 13:00-13:10 | Opening Remarks Mr. Yoshihiko Nakagaki Chairman, JCOAL & Vice Chairman, JAPAC |
| 13:10-13:20 | Welcome Remarks Mr. Tomofumi Hiraku Director-General for Natural Resources & Energy Policy, ANRE, Ministry of Economy, Trade and Industry (METI) |
| 13:20-13:35 | Welcome Remarks Mr. Thomas Shope Acting Assistant Secretary for Fossil Energy, Department of Energy (DOE), USA |
| 13:35-16:15 | Session 1 Coal Policy & Infrastructure (i) |
| 13:35-14:10 | Speech-1 (Australia) Mr. Stuart Booker "Queensland's Development in CCT and Coal Infrastructure" Deputy Director-General, Future Directions Strategy Division, Department of Premier and Cabinet, Queensland Government |
| 14:10-14:45 | Speech-2 (India) Shri Gopalan Srinivasan "Prospect of Coal Supply and Demand in India" Under-secretary (Coal Production & Distribution), Ministry of Coal |
| 14:45-15:05 | Coffee Break & Poster Session |
| 15:05-15:40 | Speech-2 (Malaysia) Ms. Noor Afifah binti Abdul Razak "Coal Supply and Demand in Malaysia" Principal Assistant Secretary, Energy Division, Ministry of Energy, Water and Communications (MEWC) |
| 15:40-16:15 | Speech-3 (China) Mr. Li Rui feng "Prospects of China's Coal Supply" Vice President, Planning and Design Institute of Coal Industry |
| 16:15-18:00 | Session 2 Promotion of Clean Coal Technology |
| 16:15-16:50 | Speech-1 (India) Mr. R. K. Sachdev "Clean Coal Technologies – present scenario in India" President, Coal Preparation Society of India |
| 16:50-17:25 | Speech-2 (Japan) Dr. Tohmei Takekawa "Renovation Business of Coal-fired Power Plants in China" General Manager, Business Promotion Department, JCOAL |
| 17:25-18:00 | Speech-3 (Japan) Mr. Takashi Hongo "JBIC's Finance for Clean Coal Projects - Role of Carbon Finance -" Director General and Special Advisor, Environmental Finance Engineering Department, Japan Bank for International Cooperation (JBIC) |
| 18:10-20:00 | Welcome Reception & 20th JAPAC Anniversary |

| Wednesday, 5th September, 2007 | |
|---|---|
| Seminar on Coal Energy | |
| ~ Program for Junior High School Students ~ | |
| 10:00- | Collaboration Room, Roppongi Academyhills, Tokyo Coal Research & Environment Laboratory, Idemitsu Kosan Co., Ltd. (Sodegaura City, Chiba) * Junior High School students will attend the seminar and the site tour by 3 groups. Participating School: Tachibana Junior High School (Odawara City, Kanagawa) |

Advanced Clean Coal Technology International Symposium 2007

The 19th JAPAC International Symposium

| Thursday, 6th September, 2007 | |
|-------------------------------|---|
| 08:30-09:00 | Registration |
| 09:00-09:40 | Keynote Address Dr. Masahiro Nishio "IPCC" (to be confirmed) Senior Research Scientist, Socio-economics and Policy Study Group, Energy Technology Research Institute, National Institute of Advanced Industrial Science and Technology (AIST) |
| 09:40-11:25 | Session 3 Environment Technology |
| 09:40-10:15 | Speech-1 (Australia) Dr. Geoffrey Ingram "Site Selection and Characterisation for Storage of CO ₂ – the Callide 'Oxy-fuel' Project Experience & Key Characterisation Work" Regional Manager Australia, Schlumberger Carbon Services, Schlumberger Oilfield Australia |
| 10:15-10:50 | Speech-2 (Japan) Mr. Shojiro Iwasaki "Long Term Demonstration of CO ₂ Recovery from the Flue Gas of a Coal Fired Power Station" Project Manager, Environment and Plant Department, Plant and Transportation Systems, Engineering & Construction Center, Mitsubishi Heavy Industries, Ltd. |
| 10:50-11:25 | Speech-3 (Canada) Dr. Frank M. Mourits "Overview of the IEA GHG Weyburn-Midale CO ₂ Monitoring and Storage Project" Senior Science and Technology Advisor, Office of Energy R&D, Natural Resources Canada |
| 11:25-13:00 | Lunch & Poster Session |
| 13:00-14:45 | Session 4 Coal Policy & Infrastructure (ii) |
| 13:00-13:35 | Speech-1 (Australia) Mr. Chris Stamford "Coal-related Infrastructure: Developments and Prospects for Australian Coal Exports" General Manager, Mining Industries, Department of Industry, Tourism and Resources (DITR) |
| 13:35-14:10 | Speech-2 (Indonesia) Drs. Edi Prasodjo "Prospects of Domestic Supply-Demand in Indonesia and Coal Export" Head of Planning and Reporting Division, Directorate General of Mineral, Coal and Geothermal, Ministry of Energy and Mineral Resources (MEMR) |
| 14:10-14:45 | Speech-3 (Russia) Dr. Aleksei V. Golubenko "Main Directions of Development of the Coal-Mining Industry In the Sakha Republic (Yakutia) on the Background of Tendencies of Development of the Coal-Mining Industry in the East of Russia" Minister of Industry, Republic of Sakha (Yakutia) |
| 14:45-15:00 | Coffee Break & Poster Session |
| 15:00-16:45 | Session 5 Advanced CCT |
| 15:00-15:35 | Speech-1 (EU) Dr. Derek M. Taylor "The role of Advanced CCT in EU Energy Policy" Energy Adviser Directorate-General for Energy and Transport, European Commission |
| 15:35-16:10 | Speech-2 (Japan) Mr. Yasuki Namiki "Development of Coal Partial Hydro-pyrolysis Process" Section Manager, Coal Gasification Section, Business Development Center, Nippon Steel Engineering Co., Ltd. |
| 16:10-16:45 | Speech-3 (China) Dr. Xiao Yunhan "The Evolution and Future of IGCC and Co-Production in China" Deputy Director-General, Bureau of High-Tech R&D, Chinese Academy of Sciences |
| 16:45-17:00 | Closing Remarks & Summary Dr. Katsuyoshi Ando Chairman of "Clean Coal Day in Japan" President, JCOAL & Vice Chairman, JAPAC |

| Friday, 7th September, 2007 | |
|---|---|
| Site Tour | |
| AIST & TEPCO-Hitachinaka Thermal Power Station | |
| 08:00 | Depart at JR Tokyo Station |
| 09:30-11:00 | Tsukuba HQ, Advanced Industrial Science & Technology (AIST) (Tsukuba, Ibaraki) |
| 11:00-13:00 | Lunch |
| 13:00-15:00 | Hitachinaka TEPCO-Thermal Power Station (Ibaraki) |
| 18:00 | Arrive back to JR Tokyo Station |