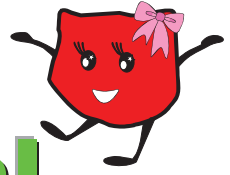
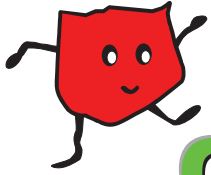


# Clean Coal Day in Japan 2013 International Symposium



## Change for Clean Coal Business & Sustainable Coal Supply



Source : J-POWER

(Wed) 4 - (Thu) 5 September, 2013  
(Fri) 6 September, 2013

ANA InterContinental Hotel Tokyo  
Site Tour (Isogo Thermal Power Station, J-POWER)

*After the Great East Japan Earthquake, the operation rate of nuclear power plants in Japan has suddenly dropped because of mounting concerns over the safety of nuclear power generation, and the consequent shortfall in power supply has been compensated by increased operation of LNG and oil-fired thermal power plants. However, the rising power costs due to increased procurement of these fossil fuels is placing heavy burden on the economy. Under these circumstances, the importance of coal has been being recognized again from the perspective of energy security as a highly reliable energy resource offering sustainable supply and economical efficiency.*

*Coal is playing an important component role not only in the Japan's energy diversification but also an energy resource in the world, and according to the outlook for energy, the demand of coal continues increasing mainly in China, India, Southeast Asian countries. Therefore, efforts to get sustainable supply are becoming increasingly important. It is also necessary to keep an eye on recent trends such as the strong influences to the global coal market from the US shale gas and oil.*

*On the other hand, at coal utilization in energy, effective mitigation measures to resolve global environmental issues, not to mention appropriate pollution-control measures implemented at the local area. It is about time that we carry out the worldwide development, introduction and dissemination of clean coal technologies (CCT) positively on a business basis, to utilize coal as a sustainable energy resource in the long term. In addition, we need to make more active efforts to realize Carbon Capture and Storage (CCS) as well.*

*In light of the current situation, the guest speakers and the participants from various countries related with coal will discuss on common issues from their viewpoint in the symposium.*

*We look forward to your active participation.*

### Organized by the Executive Committee

The Japan Iron and Steel Federation (JISF)  
Japan Cement Association (JCA)  
Japan Paper Association (JPA)  
Electric Power Development Co., Ltd. (J-POWER)  
Japan Coal Energy Center (JCOAL)

### Supported by :

Ministry of Economy, Trade and Industry (METI)  
New Energy and Industrial Technology Development Organization (NEDO)  
Japan Oil, Gas and Metals National Corporation (JOGMEC)  
Ube City  
Embassies (Australia, Botswana, Canada, China, Colombia, Czech, India, Indonesia, Korea, Madagascar, Malaysia, Mongolia, Mozambique, Myanmar, Nigeria, Poland, Philippines, Russia, South Africa, Taiwan Thailand, Vietnam, USA)  
State Governments (Queensland, Victoria, Western Australia, Alberta, British Columbia)  
Global CCS Institute

**Collaborated with** coal museums, Science Museum

### In Cooperation with

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

Secretariat of the Executive Committee of Clean Coal Day 2013

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# Clean Coal Day 2013 International Symposium

## Change for Clean Coal Business & Sustainable Coal Supply

Japan Coal Energy Center (JCOAL)

### PROGRAM

September 4 (Wed)		September 5 (Thu)	
12:30-13:00	Registration	08:30-09:00	Registration
13:00-14:10	<b>Opening Session</b>	09:00-09:20	<b>Keynote Address-III Mr. Ross Williams</b> Chairman, Australian Coal Association (ACA) <i>presentation title</i>
13:00-13:15	<b>Opening Address</b> Yoshihiko Nakagaki Chairperson, JCOAL	09:20-11:30	<b>Session II Increasing Coal Demand/Supply and Its Issue</b> <b>Session Chair Mr. Hiroshi Asahi</b> Former Director-General for Technology Policy Coordination, Minister's Secretariat, METI
13:15-13:30	<b>Welcome Remarks</b> Mr. Takayuki Ueda Director-General, Agency for Natural Resources and Energy, Ministry of Economy, Trade and Industry (METI)	09:30-09:50	<b>speech-1(Australia) TBA</b> Department of Resources, Energy and Tourism (DRET) <i>presentation title</i>
13:30-14:00	<b>Featured Speech-I</b> Mr. Didier Houssin Director, Directorate of Sustainable Energy Policy and Technology, International Energy Agency (IEA) <b>Prospects for Power Generation from Coal to 2050</b>	09:50-10:10	<b>speech-2(China) Mr. Fang Junshi (TBA)</b> Director General, Department of Coal, National Energy Administration (NEA) <i>presentation title</i>
14:00-14:20	<b>Keynote Address-I</b> Mr. Takayuki Sumida Director-General, Natural Resources and Fuel Department, ANRE, METI <b>Japan's Energy Policy (draft)</b>	10:10-10:30	<b>speech-3(Vietnam) Mr. Le Minh Chuan</b> CEO, VINACOMIN Holding Corporation Limited (VINACOMIN) <i>presentation title</i>
14:20-14:40	<b>Keynote Address- II</b> Mr. Brad Page CEO, Global CCS Institute (GCCSI) <b>International Progress on CCS (draft)</b>	10:30-10:50	<b>speech-4(India) Mr. Srivastava (TBA)</b> Secretary, Ministry of Coal (MOC) <i>presentation title</i>
14:40-15:00	<b>Featured Speech- II</b> Professor Dr. Takeo Kikkawa Graduate School of Commerce and Management, Hitotsubashi University <b>New Era of Clean Coal Business &amp; Sustainable Coal Supply</b>	10:50-11:10	<b>speech-5(Indonesia) Drs. R. Edi Prasodjo, MSc (TBA)</b> Director of Coal Enterprise Supervision, Directorate General of Mineral and Ministry of Energy and Mineral Resources (MEMR) <i>presentation title</i>
15:00-15:20	Coffee Breaks	11:10-11:30	Q&A
15:20-17:50	<b>Session I CCT &amp; CCS</b> <b>Session Chair Professor Dr. Takeo Kikkawa,</b> Graduate School of Commerce and Management Hitotsubashi University	11:30-12:30	Lunch
15:30-15:50	<b>speech -1(Taiwan) Mr. Chang-Ren Fei</b> Vice President, Taiwan Power Company (TAIPOWER) <b>Taipower's Development Status and Prospects of CCS Technology in Taiwan</b>	12:30-12:50	<b>Featured Speech- III Dr. Han Phoumin</b> Energy Economist Acting Head of Energy Unit, Economic Research Institute for ASEAN and East Asia (ERIA) <b>Strategic Usage of Coal in ASEAN and EAS region and Its Policy Implications</b>
15:50-16:10	<b>speech -2(Indonesia) Mr. Nur Pamudji (TBA)</b> CEO, PT PLN (Persero) <i>presentation title</i>	12:50-16:00	<b>Session III Approach for New Suppliers</b> <b>Session Chair Mr. Satoshi Kondo,</b> President, ITOCHU Mineral Resources Development Corporation
16:10-16:30	<b>speech -3(Poland) TBA</b> Ministry of Economy <i>presentation title</i>	13:00-13:20	<b>speech - 1 Ms. Ellen Ewart</b> Head of Global Coal Market Research, Wood Mackenzie Ltd. <i>presentation title</i>
16:30-16:50	<b>speech -4(Australia) The Hon Nicholas Kotsiras (TBA)</b> Minister for Energy and Resources, State of Victoria <i>presentation title</i>	13:20-13:40	<b>speech-2(US) Mr. Jarad Daniels</b> Director, Office of Planning and Environmental Analysis, Office of Clean Coal Office of Fossil Energy, Department of Energy (DOE) <i>presentation title</i>
16:50-17:10	<b>speech-5(Japan) Mr. Shinichi Kobayashi</b> Executive Officer Chief Operating Officer, Metals & Mineral Resources Div.-I Marubeni Corporation <b>Marubeni's CCT Development in Vietnam and Mutual Growth with Coal-related Industries in Vietnam</b>	13:40-14:00	<b>speech -3(US) Mr. Christopher Hagedorn(TBA)</b> President of Asia and Trading, Peabody Energy, Inc. <i>presentation title</i>
17:10-17:30	<b>speech-6(Japan) Mr. Yasuo Fujitani</b> Vice President and Executive Officer, CEO, Thermal Power Systems, Power Systems Company, Hitachi, Ltd. <b>Global Activities for High Efficiency Thermal Power Generation Technology</b>	14:00-14:20	<b>speech -4(Colombia) TBA</b> Ministry of Mines and Energy (MME) <i>presentation title</i>
17:30-17:50	Q&A	14:20-14:40	<b>speech-5(Australia) TBA</b> Aurizon Operations Ltd., State of Queensland <b>Queensland Coal Infrastructure</b>
17:50	Day 1 Closing	14:40-15:00	<b>speech-6(Mozambique) Mr. Abdul Razak Noormahomed (TBA)</b> Deputy Minister for Mineral Resources <i>presentation title</i>
18:00	Welcome Reception	15:00-15:20	<b>speech -7(Mongolia) Mr. R. Jigjid(TBA)</b> State Secretary, Ministry of Mining <i>presentation title</i>
		15:20-15:40	<b>speech -8(Japan) Mr. Satoshi Kondo</b> President, ITOCHU Mineral Resources Development Corporation <i>presentation title</i>
		15:40-16:00	Q&A
		16:00-16:20	Coffee Breaks
		16:20-17:50	<b>Session IV Panel Discussion CCT for the World</b> <b>Moderator Professor Dr. Ken Okazaki</b> Department of Mechanical and Control Engineering, Graduate School of Science and Engineering , Tokyo Institute of Technology (TITECH)
			<b>Panelist 1 TBA</b> Department of Resources, Energy and Tourism (DRET), Australia
			<b>Panelist 2 Drs. R. Edi Prasodjo, MSc (TBA)</b> Director of Coal Enterprise Supervision, Directorate General of Mineral and Ministry of Energy and Mineral Resources (MEMR), Indonesia
			<b>Panelist 3 Mr. Jarad Daniels</b> Director, Office of Planning and Environmental Analysis, Office of Clean Coal, Office of Fossil Energy, Department of Energy (DOE), US
			<b>Panelist 4 Mr. Yasuo Fujitani</b> Vice President and Executive Officer, CEO, Thermal Power Systems, Power Systems Company, Hitachi, Ltd.
			<b>Panelist 5 Mr. Yoshihiko Sakanashi</b> Executive Vice President, Electric Power Development Co.,Ltd.(J-POWER)
			<b>Panelist 6 Mr. Akira Yasui</b> Director, Coal Division, Natural Resources and Fuel Department, ANRE, METI
		17:50	<b>Closing Remarks</b> Toru Namiki, President, JCOAL Chairman, Executive Committee for "Clean Coal Day"

### September 6 (Fri) Site Tour

9:00	Depart at ANA InterContinental Hotel Tokyo
10:00-12:30	Isogo Thermal Power Station (owned by J-POWER)
12:30-14:00	Lunch
15:00	Arrive at ANA InterContinental Hotel Tokyo

NOTE Program will be updated accordingly. Please check it via our web site.

<http://www.jcoal.or.jp>

## Clean Coal Day in Japan 2013 REGISTRATION FORM

- |                                       |             |                           |
|---------------------------------------|-------------|---------------------------|
| ① (Wed) September 4 Symposium (DAY 1) | 13:00-17:50 | fee; free of charge       |
| ② (Wed) September 4 Welcome Reception | 18:00-19:30 | fee ; JPY 5,000 (in cash) |
| ③ (Thu) September 5 Symposium (DAY 2) | 09:00-17:55 | fee; free of charge       |
| ④ (Fri) September 6 Site Tour         | 09:00-15:00 | fee; free of charge       |

tour site : Isogo Thermal Power Station (owned by J-POWER)  
(priority attendance ; overseas speakers)      (30 attendants only)

Registration Deadline ;  
(Fri) August 16 / 17:00 (Japan time)



Date; August      2013

Office Address	〒
organization	
position/title	
name	
registraion category	Please check <input type="checkbox"/> to register. ① September 4 Symposium (DAY 1) <input type="checkbox"/> ② September 4 Welcome Reception <input type="checkbox"/> ③ September 5 Symposium (DAY 2) <input type="checkbox"/> ④ September 6 Site Tour <input type="checkbox"/>

TEL  
FAX  
Email

**Welcome to Clean Coal Day**

©Note

1. Please fill in the form and send it to the conference secretariat (JCOAL) by email or fax.
2. Your registration number will be notified. Please bring it with you to the on-site registration desk.



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