

**Clean Coal Day in Japan 2016 International Symposium
(The 25th Anniversary)**
Pathway for Coal towards High Efficient & Low Emission (HELE) Technology under the World's Coal Value Chain
Japan Coal Energy Center(JCOAL)
PROGRAM
Prominense, B1, ANA InterContinental Hotel Tokyo, Japan
(draft)

as of 2016/9/01 *speech title; not confirmed yet*

Presentation Topics; will be changed based on PPT's title later

DAY 1 ; Wednesday, September 7	
9:30-10:00	Registration
10:50-11:50	Opening Session
10:00-10:10	Opening Remarks Masayoshi Kitamura Chairperson, JCOAL
10:10-10:20	Welcome Address Senior Official Ministry of Economy, Trade and Industry (METI)
10:20-10:50	Keynote Address-I Senior Official Agency for Natural Resources and Energy(ANRE), METI TBA(Japan's Coal Policy)
10:50-11:20	Keynote Address-II Mr. Kamel Ben Naceur (Confirmed) Director, Sustainability, Technology and Outlooks, International Energy Agency (IEA) The Outlook for Clean Coal in IEA's Long-Term Energy Scenarios
11:20-11:50	Commennorative Speech Mr. Barry K. Worthington (Confirmed) Chairperson of Group of Experts on Cleaner Electricity Production from Fossil Fuels, Committee on Sustainable Energy, United Nations Economic Commission for Europe (UNECE) (Executive Director of the United States Energy Association (USEA)) Coal's Tasks and Vision on COP21 Paris Agreement -UNECE Perspective-
11:50-13:00	BREAK
13:00-13:30	Keynote Address-III Mr. Benjamin Sporton (Confirmed) Chief Executive, World Coal Association (WCA) The Power of High Efficiency Coal
13:30-15:30	Session I New Resource Development under Lower Coal Market (i) Session Chair Associate Prof. Dr. Nobuhiro Horii, Kyushu University (Confirmed)
13:40-14:10	speech-1(US) Mr. Angelos Kokkinos (Confirmed) Director, Office of Advanced Fossil Technology Systems, Office of Clean Coal and Carbon Management, Office of Fossil Energy, Department of Energy (DOE) Clean Coal R&D
14:10-14:40	speech-2(Australia) Mr. Josh Cosgrave (Confirmed) Acting General Manager, Coal and Minerals Productivity Branch, Department of Industry, Innovation and Science Australian Energy Policy -Coal Positioning and Outlook (Brown Coal Utilization included)-
14:40-15:10	speech-3(Indonesia) Mr. Ir. Bambang Gatot Ariyono, M. M. (Confirmed) Directorate General, Mineral and Coal, Ministry of Energy and Mineral Resources(MEMR) Indonesian Coal Mining Policy(tentative)
15:10-15:30	Q&A
15:30-16:00	BREAK
16:10-18:00	Session II New Resource Development under Lower Coal Market (ii) Session Chair Associate Prof. Dr. Shinsuke Murakami, The University of Tokyo (Confirmed)
16:10-16:40	speech-1(Vietnam) Mr. Nguyen Khac Tho (confirmed) Deputy Director General, General Department of Energy, Ministry of Industry and Trade (MOIT) Efforts of Coal Industry in Vietnam(tentative)
16:40-17:10	speech-2(Japan) Mr. Masafumi Uehara (confirmed) Assistant Secretary General, Resources Development Department, Japan Coal Energy Center (JCOAL) Possibility of New Countries as Coal Provideres (tentative)
17:10-17:40	speech-3(Japan) Mr. Hajime Ikeda (Confirmed) Executive Director(Metals & Coal Finance and Environment Unit), Member of the Board, Japan Oil, Gas and Metals National Corporation (JOGMEC) JOGMEC's Activity for Upstream Coal Business
17:40-18:00	Q&A
18:00	Adjourn
18:30	Welcome Reception

DAY 3 ; Friday, September 9 / Site Tour	
Course 1; Isogo Thermal Power Station	(Priority; overseas speakers & embassy officials, Participants) (max; 30 pax)
Course 2; Special course for Osaki Coolgen Project Plant in Hiroshima (IGCC) ; Invited officers only	

DAY 2 ; Thursday, September 8	
8:30-09:00	Registration
09:00-09:20	Featured Speech-I Pro. Dr. Ken Okazaki (Confirmed) Graduate School of Science and Engineering , Tokyo Institute of Technology (TITECH) Prospect of Using Coal as a Hydrogen Source
09:20-09:40	Featured Speech-II Mr. Alex Zapantis (Confirmed) General Manager - Asia Pacific, Global CCS Institute (GCCSI) Update: Global Status of CCS
09:40-12:05	Session III Increasing Power Demand & Global Warming (i) Session Chair Pro. Dr. Ken Okazaki, Tokyo Institute of Technology (Confirmed)
09:50-10:20	speech-1(Japan) Mr. Ichiro Kutani (Confirmed) Senior Economist, Assistant Director and Manager, Global Energy Group 1 Strategy Research Unit, The Institute of Energy Economics, Japan (IEEJ) Choice of Energy in Changing Reality
10:20-10:50	speech-2(China) Ms. Kang Guozhen (China) (Confirmed) Director, Division of Thermal Power Generation,Electricity Department, National Energy Administration (NEA) Status and Development Direction of China's Coal-fired Power Generation Section
10:50-11:20	speech-3(Vietnam) Mr. Pham Thanh Tung (Confirmed) Director General of International Cooperation Department, General Department of Energy, Ministry of Industry and Trade (MOIT) CO2 Reduction with CCT R&D in Vietnam(tentative)
11:20-11:50	speech-4(India) Mr. Aniruddha Kumar (Confirmed) Joint Secretary (Thermal) & CVO, Ministry of Power CO2 Reduction with CCT R&D in India (tentative)
11:50-12:05	Q&A
12:05-13:00	BREAK
13:00-16:00	Session IV Increasing Power Demand & Global Warming (ii) Session Chair Prof. Dr. Takayuki Takarada, Division of Environmental Engineering Science, Gunma University
13:10-13:40	speech-1(Japan) Pro. Dr. Takayuki Takarada (Confirmed) Division of Environmental Engineering Science, Gunma University Most Advanced CCTs
13:40-14:10	speech-2(Taiwan) Mr. Bin-Li Chung (Confirmed) President, Taiwan Power Company (TPC) The Status Quo and Prospect of Algae Based Carbon Fixation in Taiwan Power Company
14:10-14:40	speech-3(Philippines) (TBA) Department of Energy (DOE) CO2 Reduction with CCT R&D in Philippines (tentative)
14:40-15:10	speech-4(Indonesia) Mr. Ir. Jarman (confirmed) Director General, Electricity, Ministry of Energy and Mineral Resources (MEMR) CO2 Reduction with CCT R&D in Indonesia (tentative)
15:10-15:40	speech-5(Poland) Mr. Janusz Michalski (confirmed) Head of the Energy Policy Unit, Energy Department, Ministry of Energy The Role of Coal in the Energy Policy of Poland
15:40-16:00	Q&A
16:00-16:30	BREAK
16:30-18:00	Session V Panel Discussion Pathway for Coal towards High Efficient & Low Emission (HELE) Technology under the World's Coal Value Chain
Moderator	Prof. Dr. Takeo Kikkawa (Confirmed) Tokyo University of Science
Panelist 1	Mr. Kamel Ben Naceur Director, Sustainability, Technology and Outlooks, International Energy Agency (IEA)
Panelist 2	Mr. Benjamin Sporton Chief Executive, World Coal Association (WCA)
Panelist 3	Mr. Barry K. Worthington Chairperson of Group of Experts on Cleaner Electricity Production from Fossil Fuels, Committee on Sustainable Energy, United Nations Economic Commission for Europe (UNECE)
Panelist 4	Mr. Yoshihiko Sakanashi (Confirmed) Senior Counsellor, Electric Power Development Co.,Ltd.(J-POWER)
Panelist 5	Mr. Masana Ezawa (Confirmed) Director, Coal Division, Natural Resources and Fuel Department, ANRE, METI
18:00	Closing Remarks Osamu Tsukamoto, President, JCOAL Chairman, Executive Committee for "Clean Coal Day"
18:30	Networking Reception <Speakers & JCOAL member companies (up to Class #2) Only >