

Clean Coal Day in Japan 2018 International Symposium
(The 27th Anniversary)
ROLE OF COAL ENERGY TOWARDS LOW CARBON SOCIETY
Organized by Japan Coal Energy Center(JCOAL)

Co-Organized by Ministry of Economy, Trade and Industry (METI) New Energy and Industrial Technology Development Organization (NEDO) Japan Oil, Gas and Metals National Corporation (JOGMEC)

PROGRAM
Monday, 10th - Tuesday, 11th September, 2018
"PROMINENSE" (B1), ANA InterContinental Hotel Tokyo, Japan

as of 2018/09/11

DAY 1 ; Monday, September 10		
9:30-10:00	Registration	
10:00-11:20	Opening Session	
10:00-10:05	Organizer's Opening Remarks	Masayoshi Kitamura Chairperson, JCOAL
10:05-10:10	Co-Organizer's Opening Remarks-I	Atsushi Taketani Deputy Commissioner for International Affairs, Agency for Natural Resources and Energy (ANRE), Minister of Economy, Trade and Industry (METI)
10:10-10:15	Co-Organizer's Opening Remarks-II	Shoji Kukita Executive Director, New Energy and Industrial Technology Development Organization (NEDO)
10:15-10:20	Co-Organizer's Opening Remarks-III	Hajime Ikeda Executive Vice President, Japan Oil, Gas and Metals National Corporation (JOGMEC)
10:20-10:50	Keynote Address-I	Mick Buffier Vice Chairman, World Coal Association (WCA) / Group Executive, Glencore Coal Ltd. Powering Sustainable Development with Low Emissions Coal
10:50-11:20	Keynote Address-II	Yoshihiko Sakanashi Senior Counsellor, J-POWER Evolution of Coal ~ From a viewpoint of Evolutionary Biology
11:20-12:20	lunch break (speakers' lunch for speakers, etc. @ Galaxy III)	
12:20-14:50	Session I INVESTMENT STATUS FOR COAL RESOURCES DEVELOPMENT	
Session I - Opening	Hajime Ikeda, Executive Vice President, JOGMEC JOGMEC's Activity for Upstream Coal Business	
Moderator	Associate Prof. Dr. Nobuhiro Horii, Kyushu University	
12:40-13:10	speech-1 (China)	Shuhua Mi Executive Vice Chairman, China Energy Investment Corporation (CHN ENERGY) Clean and High Efficiency Coal Utilization Technology Development by China Energy Investment Corporation
13:10-13:40	speech-2 (US)	Michael Klein Vice President of Legal and Business Development, Lighthouse Resources, Ltd. United States; Coal Resource Development and Overseas Supply Potential
13:40-14:10	speech-3 (Australia)	Michael Gray CEO, NewBlack Energy Pty Ltd. , State of Queensland The Changing Face of Australian Coal - New Development and Investment Opportunities
14:10-14:40	speech-4 (Japan)	Hiroyuki Matsumoto Senior Managing Director, Kushiro Coal Mine Co., Ltd (KCM) Coal Resources Development of Kushiro Coal Mine (KCM) ~ Activity Plan for Local Production for Local Consumption in KCM
14:40-14:50	Q&A	
14:50-15:20	NETWORKING COFFEE BREAK Room "GALAXY"	
15:20-17:55	Session II COAL UTILIZATION R&D TOWARDS LOW CARBON SOCIETY	
Session II - Openin	Noboru Aoki, Director General, Environment Department, NEDO Development of Coal-related Technology for Low-Carbon Society	
Moderator	Prof. Dr. Takayuki Takarada, Gunma University	
15:40-16:05	speech-1(Int'l Org)	Brad Page CEO, Global CCS Institute (GCCSI) CCS and the New Energy Economy
16:05-16:30	speech-2 (Japan)	Shigeru Muraki Program Director, Cross-Ministerial Strategic Innovation Promotion Program (SIP) R&D on Hydrogen Energy Carriers toward Low Carbon Society
16:30-16:55	speech-3 (Australia)	Jane Burton Director, Coal Resources, Department of Economic Development, Jobs, Transport and Resources (DEDJTR), State Government of Victoria Hydrogen and CCS: a Low Emissions Coal Opportunity for Victoria
16:55-17:20	speech-4 (Japan)	Eiichi Harada Executive Officer, Deputy General Manager of Corporate Technology Division, Kawasaki Heavy Industries, Ltd.(KHI) International Liquefied Hydrogen Supply Chain Utilizing Brown Coal
17:20-17:45	speech-5 (Japan)	Shinichi Naruuchi Senior Executive Officer, Idemitsu Kosan, Co. Ltd. (IDEMITSU) Low-carbon Solutions by Large Scale Co-firing of Biomass Fuel on Coal Power Plant ~ Development of Production/Supply Flow of New Biomass Fuel~
17:45-17:55	Q&A	
17:55	Day 1's Closing	
18:00	Welcome to Clean Coal Day in Japan 2018 Reception Room "GALAXY" (pre-registered only)	

DAY 2 ; Tuesday, September 11		
9:00-9:30	Registration	
09:30-12:00	Session III WORLD'S ENERGY POLICY UPDATED TOWARDS LOW CARBON SOCIETY	
Moderator	Prof. Emeritus, Dr. Isao Mochida, Kyushu University (Session III Opening included)	
09:50-10:20	speech-1 (US)	Lou Hrkman Deputy Assistant Secretary for Clean Coal & Carbon Management, Office of Fossil Energy, US Department of Energy (DOE) U.S. Federal Coal Policy Initiatives - Positioning Coal-Fired Generation for the Future
10:20-10:50	speech-2 (China)	Xue-Nong Huang Director-General, Electricity Department, National Energy Administration (NEA) Current Status and Future Development of China's Clean Coal-Fired Power
10:50-11:20	speech-3 (Poland)	Waldemar Lagoda Deputy Director, Department of Electrical and District Heating, Ministry of Energy (MOE) Energy and Climate Policy in the EU - the Question about the Future of the Coal - Poland's Perspective
11:20-11:50	speech-4 (Turkey)	Dr. Öztürk Selvitop Deputy General Director, General Directorate for Foreign Relations and EU, Ministry of Energy and Natural Resources (MENR) General Overview of Turkish Energy Sector - Coal Policy
11:50-12:00	Q&A	
12:00-13:00	lunch break (speakers' lunch for speakers, etc. @ Galaxy III)	
13:00-13:30	Featured Speech	Prof. Dr. Jun Arima Senior Policy Fellow for Energy and Environment, Economic Research Institute for ASEAN and East Asia (ERIA) (Professor, Graduate School of Public Policy, The University of Tokyo) Role of Coal in the EAS Region
13:30-16:00	Session IV ROLE OF COAL IN THE RENEWABLES IMPLEMENTATION	
Moderator	Prof. Dr. Kazuhiko Ogimoto, The University of Tokyo (Session IV Opening included)	
13:50-14:20	speech-1(Int'l Org)	Carlos Fernandez Alvarez Senior Energy Analyst, International Energy Agency (IEA) Advanced Power Plant Flexibility
14:20-14:50	speech-2 (Japan)	Junichi Ogasawara Senior Economist, Manager, Electric Power Group, Assistant Director, Electric Power Industry & New and Renewable Energy Unit, The Institute of Energy Economics, Japan (IEEJ) Situation of Power System Flexibility ~ Thermal Power Generation's Effort
14:50-15:20	speech-3 (Japan)	Yoshiyuki Wakabayashi Executive Vice President, Head of Engineering Headquarters, Mitsubishi Hitachi Power Systems, Ltd.(MHPS) The Latest Coal-Fired Thermal Power Plant
15:20-15:50	speech-4 (Japan)	Kenji Aiso President and Representative Director, Osaki CoolGen Corp. (OCG) Improving Flexibility of IGCC for Harmonizing with Renewable Energy - Osaki CoolGen's Efforts -
15:50-16:00	Q&A	
16:00-16:15	NETWORKING COFFEE BREAK Room "GALAXY"	
16:15-17:30	Session V WRAP-UP PANEL DISCUSSION ~ ROLE OF COAL ENERGY TOWARDS LOW CARBON SOCIETY	
Moderator	Prof. Dr. Takeo Kikkawa, Tokyo University of Science	
Panelist 1	Masatsugu Yoshioka, Director, Coal Division, Agency for Natural Resources and Energy (ANRE), METI	
Panelist 2	Moderator of Session I	Associate Prof. Dr. Nobuhiro Horii, Kyushu University
Panelist 3	Moderator of Session II	Prof. Dr. Takayuki Takadada, Gunma University
Panelist 4	Moderator of Session III	Prof. Emeritus, Dr. Isao Mochida, Kyushu University
Panelist 5	Moderator of Session IV	Prof. Dr. Kazuhiko Ogimoto, The University of Tokyo
17:30	Closing Remarks Osamu Tsukamoto, President, JCOAL / Chairman, Executive Committee for "Clean Coal Day 2018"	