

**The 12th International Conference
on Northeast Asian Natural Gas and Pipeline:
—Multilateral Cooperation in Natural Gas and Pipeline
in Northeast Asia—**

Program



**29th - 30th August, 2011
Khaan Palace Kempinski Hotel, Ulaanbaatar,
Mongolia**

**Northeast Asian Gas and Pipeline Forum
Petroleum Authority of Mongolia**

in collaboration with

**Asia Gas and Pipeline Cooperation Research Center of China
Asian Pipeline Research Society of the Russian Federation
Korea Pan-Asian Natural Gas and Pipeline Association
Northeast Asian Gas and Pipeline Forum of Japan**

Objectives

- While the importance of global energy and environmental issues is growing, development and increase of utilization of natural gas which is environment-friendly fossil fuel are required.
- Natural gas is a fuel with a low impact on the global environment, emitting less CO₂, Sox and Nox during burning than coal and oil
- As a result of increase in the environmental consciousness, countries around the world are making efforts to secure natural gas with low CO₂ emission.
- The earthquake occurred in Japan on March 11th, 2011 and the subsequent nuclear reactor accident made a powerful impact on energy situations of each country. In particular, there has been more focus on natural gas electric power generation as an alternative to nuclear power generation and to secure natural gas for power generation is an important challenge.
- The position of natural gas is becoming more important.

- Meanwhile, on natural gas supply side, unconventional gas is now attracting attention, especially from the United States
- Besides the United States, unconventional gas resource is thought to have much potential and the existence of abundant unconventional resources has been confirmed around the world including Russia and China.
- The rise of unconventional gas has already made an impact on the world's LNG supply and demand. In the medium- and long-term, it is expected to accelerate the shift towards natural gas and to make a great impact on overall energy including oil and renewable energy.

- In the circumstances, the Northeast Asian Gas and Pipeline Forum (NAGPF), a nonprofit organization (NPO) which consists of five member countries including Russia, China, Korea, Mongolia and Japan established in 1997 has worked for the purpose of natural gas development and increase of natural gas utilization. NAGPF has organized international conferences and conducted international joint researches in order to popularize the importance of natural gas development and utilization in Northeast Asia.
- As mentioned above, the circumstances surrounding natural gas supply and demand in Northeast Asia are changing. On the basis of the circumstances, it is highly important to consider future direction of multilateral energy cooperation to promote natural gas development and utilization as well as acknowledge the importance of natural gas development and utilization

- NAGPF will hold the 12th International Conference on Northeast Asian Natural Gas and Pipeline in Ulaanbaatar, Mongolia in August 2011. The main objective of this conference is to discuss multilateral cooperation in natural gas development and utilization and building natural gas infrastructure, among interested parties from both supply side and demand side.

- We expect positive input and lively discussion from all the participants.

Program

Chairman

Mr. Amraa Tsengemaa

President, Northeast Asian Gas and Pipeline Forum (NAGPF)
Vice Chairman, Petroleum Authority of Mongolia (PAM)

Co-Chairmen

Mr. Shi Xunzhi

President, Asia Gas and Pipeline Cooperation Research Center
of China (AGPRCC)

Mr. Dal Young Park

President, Korea Pan-Asian Natural Gas and Pipeline
Association (KPGA)

Prof. Alexander F. Safronov

President, Asian Pipeline Research Society of the Russian
Federation (ROSASIAGAS)

Mr. Makoto Haya

President, Northeast Asian Gas and Pipeline Forum of Japan
(NAGPF-J)

Conference Director

Dr. Kazuhiko O'hashi

Secretary General, Northeast Asian Gas and Pipeline Forum
(NAGPF)

The 1st day (29th August)

■ Opening Session (9:00 – 10:30)

Chaired by Dr. Kazuhiko O’hashi, Secretary General, Northeast Asian Gas and Pipeline Forum (NAGPF)

Opening Address **Mr. Amraa Tsengemaa**
Vice Chairman, Petroleum Authority of Mongolia (PAM)

Congratulatory Addresses **Mr. Shi Xunzhi**
President, Asia Gas and Pipeline Cooperation Research Center of China (AGPRCC)
Mr. Dal Young Park
Chairman, Korea Pan-Asian Natural Gas & Pipeline Association (KPGA)
Prof. Alexander F. Safronov
President, Asian Pipeline Research Society of the Russian Federation (ROSASIAGAS)
Mr. Makoto Haya
President, Northeast Asian Gas and Pipeline Forum of Japan (NAGPF-J)

■ Keynote Speech

Mr. Zorigt Dashdorj
Minister for Mineral Resources and Energy, Ministry of Mineral Resources and Energy, Mongolia



Coffee Break (10:30 -10:45)

■ Session 1 (10:45 - 12:45)

Energy Policy in NEA Countries

Chaired by Dr. Xu Yongfa, Vice President, Asia Gas and Pipeline Cooperation Research Center of China (AGPRCC)
Co-chaired by PAM

1) Objectives of the Session

- To make presentations on latest trend of energy and natural gas policies of NEA countries.
- To discuss future direction of energy cooperation including natural gas in Northeast Asia.

2) Speakers

“Current Status of Natural Gas Industry in Korea”

Dr. Yong Rae Kim, Director, Gas Division, Ministry of Knowledge Economy (MKE), Korea

“Latest Trend of Energy Policy in Mongolia”

Mr. Erdenepurev, Director, Fuel Policy Department, Ministry of Mineral Resources and Energy, Mongolia

“The Current Supply-Demand Situation of Natural Gas in Japan”

Mr. Koji Hino, Counsellor, Embassy of Japan in Mongolia

“CNPC Overseas Oil & Gas Development”

Mr. Zhang Xin, Director-General, International Department, CNPC

“Prospects and Conditions for Mutually Beneficial Cooperation in Russia and NEA Countries in the Oil-Gas Field”

Mr. Alexander Safronov, Chairman, Yakut Scientific Center Prezidium, Siberian Branch RAS

Mr. Boris Saneev, Deputy Director, Energy Systems Institute, Siberian Branch, RAS

Mr. Alexander Kalmychek, Executive Secretary, RosAsiaGas

(Q&A, discussion)

Lunch (12:45 - 14:00)

■ Session 2 (14:00 - 16:40)

Latest Trends on Energy and Natural Gas in NEA Countries

Chaired by ROSASIAGAS

Co-chaired by Dr. Kazuaki Hiraishi General Manager & Research Director, International Project Research Center, Mitsubishi Research Institute

1) Objectives of the Session

- To make presentations on latest trends of energy and natural gas in Northeast Asia
 - ✓ Supply and demand of natural gas, natural gas market, development of unconventional gas fields, etc.
 - ✓ Specific projects
- To discuss the influence of the Japan Earthquake on energy security(decentralization of energy procurement) and the importance of natural gas

2) Speakers

“Latest trends on Energy and Natural Gas in Japan”

Dr. Ken Koyama, Chief Economist, Managing Director, The Institute of Energy Economics, Japan (IEEJ)

“The Development and Trend of Natural Gas in China”

Mr. Xu Yongfa, Vice president, Asia Gas and Pipeline Cooperation Research Center of China (AGPRCC) / President, CNPC Research Institute of Economics and Technology



Coffee Break (15:00 -15:20)

“Current Situation and Prospects for Natural Gas in Korea”

Mr. Sung Kyu Lee, Research Fellow, Korea Energy Economics Institute

“Current Situation of Oil and Gas Development in Mongolia”

Mr. Ts. Amraa, Vice Chairman, Petroleum Authority, Mongolia

(Q&A, discussion)

End of the 1st Day

Dinnar (18:30 – 21:30)

at “Hotel Mongolia” Restaurant, Tourist Camp

The 2nd day (30th August)

■ Session 3 (9:00 – 10:40)

Natural Gas Transportation

Chaired by KPGA

Co-chaired by ROSASIAGAS

1) Objectives of the Session

- To make presentations on latest trends of pipeline and LNG projects in Northeast Asia
- To discuss competition and cooperation between PNG and LNG

2) Speakers

“The Interconnection of Gas Pipeline in Northeast Asia”

Mr. Jin Seok Jang, Head of Department, Korea Gas Corporation

“Development of Gas Pipeline Infrastructure in China”

Mr. Shi Yufeng, Vice Director, Gas Marketing Division, PetroChina Natural Gas and Pipeline Company

“Challenges of Energy Transportation in Mongolia”

Dr. S.Batkhuuyag, President, Dr. G. Yondongombo, Executive Director, Mr. B. Achitsan, Monationenergy (NGO) Mongolia

Mr. Neil Young, Managing Director, Golden Horde Pty Ltd., Australia

“Japan’s Need for Russian Crude Oil and LNG: A New Perspective after the Earthquake 3.11”

Dr. Masumi Motomura, Chief Researcher (Russia & CIS) Research Department, Oil & Gas Upstream Business Unit, Japan Oil, Gas and Metals National Cooperation (JOGMEC)

(Q&A, discussion)



Coffee Break (10:40 -11:00)

■ **Session 4 (11:00-12:40)**

Cooperation on Natural Gas Development and Utilization Technology

Chaired by Mr. Susumu Abe, Vice President, NAGPF-J

Co-chaired by Mr. Liao Shimeng, Vice President, PetroChina Southwest Oil and Gas Field Company

1) Objectives of the session

- To make presentations on latest natural gas related technologies
- To discuss the possibility of natural gas related technology cooperation

2) Speakers

“The Multi-stage Fracturing Technique in Tight Sandstone Reservoir: A Case Study of Eastern Zone in Sulige Gas Field, Ordos Basin, China.”

Mr. Zhao Yong, Director, Sulige Gas Field Research Center, Petrochina Changqing Oilfield Company

“Coalbed Methane Resource and Development Technology in China”

Mr. Lin Jianhao, Vice President, PetroChina Coalbed Methane Company Limited

“Technology Mix for Natural Gas Value Chain”

Mr. Eui Duk Lee, Vice President, Samsung Engineering Co. Ltd.

“Utilization of Natural Gas and Smart Community”

Dr. Kentaro Akiyama, Professor, Faculty of Business Administration, Seijo University

(Q&A, discussion)

Lunch (12:40 – 14:00)

■ Session 5 (14:00 – 15:40)

International Energy Cooperation in Mongolia

Chaired by PAM

Co-chaired by KPGA

1) Objectives of the Session

- To get suggestions on international energy cooperation in Mongolia through cases of energy cooperation about Mongolia.
- To target not only natural gas but also coal, oil and other energy resources.

2) Speakers

“Prospects of International Cooperation in Energy Security of Mongolia”

Dr. L. Sukhbuyan, Independent Petroleum Expert, The National Security Council of Mongolia / President, Mongolian Society of Petroleum Engineers (MSPE)

“Power and Energy Supply in South Gobi Area”

Mr. Kunioki Honma, President, South Gobi Power Development Corporation

“Russian-Mongolian project <Strategic direction in energy cooperation between Russia and Mongolia in the first half of the 21st century in terms of energy cooperation trends in Northeast Asia (Main areas of the study)>”

Mr. N.Voropai and Mr. Boris Saneev, Energy Systems Institute, Siberian Branch, RAS

Mr. Kh. Enkhjargal and Mr. S. Batkhuyag, School of Power Engineering at the Mongolian University of Science and Technology, Mongolia

“International Energy Cooperation of KOGAS in NEA Region”

Mr. Byung Cheol Yoon, Head of Department, Korea Gas Corporation

(Q&A, discussion)



Coffee Break (15:40-16:00)

■ **Closing Session (16:00 - 17:00)**

Chaired by Dr. Kazuhiko O'hashi, Northeast Asian Gas and Pipeline Forum

Conference summary

Mr. Amraa Tsengemaa

President, Northeast Asian Gas and Pipeline Forum (NAGPF)

Vice Chairman, Petroleum Authority of Mongolia (PAM)

Inaugural Address New President of the NAGPF

Closing

Farewell Party (19:00 – 21:00)

at “Irish Pub” Restaurant Terrace