

The 9th International Conference on Northeast Asian Natural Gas and Pipeline: Multilateral Cooperation

Program

27th – 29th September, 2005

Seoul, Korea



**Northeast Asian Gas and Pipeline Forum
Korea Pan-Asian Natural Gas and Pipeline Association**

in collaboration with

**Asia Gas and Pipeline Cooperation Research Center of China
Asian Pipeline Research Society of Japan
Asian Pipeline Research Society of the Russian Federation
Mineral Resources and Petroleum Authority of Mongolia**

Objectives

As energy security becomes an ever more important agenda amongst northeast Asian Countries, with the Russian Federation planning to announce the unified gas extraction system, transportation, and gasification in East Siberia and the Far East for the possible gas export to Asian-Pacific countries, it is expected that natural gas development and its utilization in the region will enter a new era in 2005.

The 9th International Conference, therefore, will primarily tackle issues and focus on the natural gas projects in the region, especially on East Siberia and the Far-eastern region of Russia and northeast Asian countries' policies toward the enhancement of natural gas utilization and the promotion of the pipeline network in northeast Asia.

The objectives of the Conference are:

- a) to discuss northeast Asian issues on natural gas and pipeline,
- b) to exchange academic and business information,
- c) to promote mutual understanding amongst the participants and
- d) to contribute to the rapid promotion of the operational Northeast Asian Natural Gas Pipeline Network.

The language medium for the conference will be English and Korean.

Program

Chairman	Mr. Hyun-Bum Sunwoo President, Korea Pan-Asian Natural Gas and Pipeline Association (KPGA) President, Northeast Asian Gas and Pipeline Forum (NAGPF)
Co-Chairmen	Mr. Shi Xunzhi President of Asia Gas and Pipeline Cooperation Research Center of China (AGPRCC) Mr. Fumio Sato, President of Asian Pipeline Research Society of Japan (APRSJ) Prof. Boris G. Saneev President, Asian Pipeline Research Society of the Russian Federation (ROSASIAGAS) Mr. Battumur Chimmiddorj Head, Production Sharing Contracts and New Ventures Department, Mineral Resources and Petroleum Authority of Mongolia (MRPAM)
Conference Director	Prof. Masaru Hirata Secretary General, Northeast Asian Gas and Pipeline Forum (NAGPF)
Co-Director	Dr. Myeong-Nam Kim Secretary General, Korea Pan-Asian Natural Gas and Pipeline Association (KPGA) Director, International Projects Department, Korea Gas Corporation, Korea

27th September

Opening Session 09:00-10:00

Chaired by Prof. Masaru Hirata, Secretary General, NAGPF

Opening Address	Mr. Hyun-Bum Sunwoo President, Northeast Asian Gas and Pipeline Forum (NAGPF) President, Korea Pan-Asian Natural Gas and Pipeline Association (KPGA)
Welcome Addresses	Dr. Jung-Sik, Koh Director General, Energy Industry Bureau, Ministry of Commerce, Industry and Energy (MOCIE), Korea
Congratulatory Address	Mr. Kyu-Sun, Lee Chairman, President & CEO, Korea Gas Corporation, Korea

Keynote Speech **“ The Significance of Energy Cooperation in Northeast Asia: The Energy Charter’s View Point ”**
- **Dr. Ria Kemper**
Secretary General of Energy Charter Secretariat

Coffee Break 10:00-10:20 Sponsored by Korea Gas Safety Corporation

Session 1: Energy Policy of Northeast Asian Region focusing on Natural Gas (10:20-12:00) Chaired by Dr. Kazuhiko O’hashi, Managing Director, APRSJ and Co-Chaired by Prof. Boris G. Saneev, President, ROSASIAGAS

In this session, Government officials in charge of energy policies and private companies in the northeast Asian region will present their energy policies, market prospects, and long-term outlook for natural gas, reflecting the world natural gas industry.

Presentation 1 **“Energy Strategy of Russia until 2020. Russian Oil and Gas Complex Development : New Opportunities for Economic Cooperation”**
Mr. Vladimir Vasilievich Saenko
Director, State Energy Policy, Department of Fuel and Energy Complex
Ministry of Industry and Energy, Russia

Presentation 2 **“Energy Policy of Korea and Role of Natural Gas ”**
- **Mr. Kyung-Hwan, Toh**
Director, Ministry of Commerce, Industry and Energy, Korea

Presentation 3 **“ Development Stratagem of Energy and Natural Gas in China ”**
- **Mr. Zhou Dadi**
Director General, Energy Bureau, the State Development and Reform
Commission, China

Presentation 4 **“Energy Policy of Japan”**
- **Mr. Kazuhiro Iwatani**
Deputy Director, Petroleum and Natural Gas Division
Agency of Natural Resources and Energy Ministry of Economy, Trade
and Industry, Japan

Presentation 5 **“ Prospects for the Development of Natural Gas Market in Mongolia ”**
- **Dr. Sukhbuyan Luvsandorj**
Senior Project Manager, PSC and New Ventures Department,
Mineral Resources and Petroleum Authority of Mongolia, Mongolia

Q & A 12:00-12:20

Lunch 12:20-14:00 Sponsored by Sakhalin Energy Investment Company Ltd.

Session 2: Issues on Cross-border Pipeline in Northeast Asia

- Market, Financing, Legal and Technical Considerations (14:00-16:50)

Chaired by Prof. Hu Jianyi, Executive vice President, APGRCC and co-chaired by Mr. Battumur Chimiddorj, Head, PSC and New Ventures Department, MRPAM

In this session, consulting firms, international banks and authorized energy institutes will present issues and solutions on the cross-border pipeline, such as market, financing, legal and technical issues arising in carrying out piped natural gas projects, based on their accumulated experience.
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Presentation 1 **“LNG in China”**
- Mr. **Wang Gongli**
President, China Petroleum Planning and Engineering Institute, China

Presentation 2 **“ to be decided ”**
- Dr. **Yong-Hun Jung**
Vice President, Asia Pacific Energy Research Center

Presentation 3 **“Financing issues in cross-border pipeline projects ”**
Mr. **Mark Gidney**, Managing Director
Mr. Alexandre Chavarot, Director Lazard & Co., Services Limited

Coffee Break 15:10-15:40 Sponsored by Korea Gas Technology Corporation

Presentation 4 **“ North Asia Gas Trade: A Possibility in the New Century ”**
Ms. **Junhui Wu**
Sector Manager, Energy and Mining Sector Unit, East Asia and Pacific Region
The World Bank

Presentation 5 **“ New Development of Linepipe Steel at POSCO ”**
- Dr. **Ki Bong Kang**, Manager of Plate Research Group, Technical Research Laboratories
POSCO, Korea

Presentation 6 **“New Technology of Natural Gas Utilization“LIFUEL” ”**
Mr. Masayuki Fujimoto Deputy General Manager of R&D Planning Department.
Tokyo Gas Co., Ltd Japan

Q & A 16:50-17:10

Welcome dinner 17:30 Sponsored by POSCO End of the 1st day

28th September

Session 3: Current Status and Prospects for Natural Gas Export from Russia to Northeast Asian Region (Part I) (09:00-10:50) Chaired by Korea and Co-Chaired by Mr. Shi Xunzhi, Chairman, AGPRCC

As South Korea, Japan and China are relying on energy supplies from the Middle East and China's energy shortage is growing, Russia's abundant energy source is emerging as viable supplying source to the northeast Asian region. Considering these situations, in this session, major energy companies and related government organizations of the Russian Federation will present Russia's energy strategy including their eastern program, resource base, current and potential natural gas projects especially in East Siberia and Far-eastern Russia, targeting Northeast Asian markets from their viewpoint. Buyer countries' energy companies will also bring forward their positions from the buyer's viewpoint

- Presentation 1** **“Progress of Sakhalin-2 Project and Its Position in the NEA Natural Gas Market”**
- Dr. **Koert Vonkeman** General Manager, Tokyo Office, Sakhalin Energy Investment Company Ltd.
- Presentation 2** **“ “Development of East of Russian Federation on the base of efficiently use of hydrocarbon resources ”**
-Prof. **Alexey Mastepanov**
Councilor of the Deputy Chairman of the Board JSC GAZPROM, Russia
- Presentation 3** **“Prospects in Formation of the Gas Industry in the East of Russia and Gas Export to Northeast-Asia Countries”**
-Academician **Alexey E. Kontorovich**
-Prof. **Alexander A. Gert**
-Dr. **Alexey I. Varlamov**
-Dr. **Valentin A. Izarov**
-Dr. **Andrey G. Korzhubaev**
-Mr. **Lev A. Platonov**
-Prof. **Boris G. Saneev**
-Prof. **Alexandre F. Safronov**
-Prof. **M. Mandel’baum**
Siberian Branch of RAS, SNIIGGiMS, KPR of Evenki Autonomous Area, Russia
- Presentation 4** **“Kovykta Gas Project : History, Status, Prospects”**
- Mr. **Andrey Dovgan**
Head of Moscow Office, RUSIA Petroleum, Russia
- Presentation 5** **“Sakhalin-1 Project Update”**
- Mr. **Larry Smith**
Vice President, Exxon Neftegas Limited, Russia

Q & A 10:50-11:10

**Coffee Break 11:10-11:30 Sponsored by LG International Corp. and HYUNDAI Heavy Industries Co.,
Ltd.**

Session 3: Current Status and Prospects for Natural Gas Export from Russia to Northeast Asian Region (Part II) (11:30-12:30) Chaired by Acad. Alexey Kontorovich, Vice President, ROSASIAGAS and Co-Chaired by Mr. Battumur Chimiddorj, Head, PSC and New Ventures Department, MRPAM

Presentation 1 **“The Import Strategy of KOGAS and the Position on Russian Natural Gas Import”**
- Dr. Myeong-Nam Kim
Director, International Projects Department, Korea Gas Corporation, Korea

Presentation 2 **“Prospect of Natural Gas Development and Position of Imported Russian Gas in China”**
- Prof. Jianyi Hu
Executive Vice President of Asia Gas and Pipeline Cooperation Research Center of China (AGPRCC), China

Presentation 3 **“LNG Market Overviews; Japanese Utility Perspectives”**
- Mr. Tetsu Hashimoto
General Manager, Fuel Department, Tokyo Electric Power Company, Japan

Q & A 12:30 -12:40

Lunch 12: 40-13:50 Sponsored by KOGAS

Session 4: Presentation of the 3rd International Joint Research by the NAGPF (13:50-14:35)

Chaired by Mr.Susumu Abe, Managing Director, APRSJ(Japan)

- Dr. Hiraishi, Secretary General, Mr.Furuta, Mr. Sakamoto and Dr. Tanaka, Asian Pipeline Research Society of Japan

The NAGPF is carrying on the 3rd International Joint Research entitled "A Long-Term Vision on Natural Gas Infrastructure in Northeast Asia". This research includes energy policies, natural gas supply and demand prospects, and development trend of natural gas infrastructure as well as a long-term vision of natural gas infrastructure in Northeast Asia. In this session, the result of this research will be presented.

Q & A 14:35-15:10

Coffee Break 14:50-15:10 Sponsored by KEEI

Session 5 (Round Table): Optimization of Natural Gas Supply and Demand Structure

– Competition and Harmonization between PNG and LNG (15:10-16:40)

Chaired by Korea

Panelists from major energy companies, international and Northeast Asian Region's energy institutes and consumer companies will join the round table.

✓ **Round table Participants list**

Chaired by Jin Woo, Kim, Senior Research Fellow, Korea Energy Economics Institute

- **Korea: Eu-Seok Yang, Korea Energy Economics Institute**
- **Japan: Mr. Kensuke Kanekiyo, The Institute of Energy Economics of Japan**
- **Russia: Acad Alexey Kontorovich, Vice President of ROSASIAGAS**
- **Russia: Prof Alexey Mastepanov, Councilor of the Deputy Chairman of the Board JSC GAZPROM Gazprom**
- **China: Mr. Li Yingchan, Sino-Russian Oil and Gas Cooperation Committee, CNPC**
- **Mongolia : Mr. Battumur Chimiddorj, Mineral Resources and Petroleum Authority of Mongolia**
- **TNK-BP : Dr. Neil Beveridge**
- **Energy Charter :Dr. Ria Kemper**

Closing Session (16:40-17:20)

Wrap up by Chairman

Inaugural Address of New President

Closing Address

Farewell Dinner 17:30 Sponsored by TNK-BP

End of the 2nd Day

29th September

Technical Tour: Incheon LNG terminal

Northeast Asian Gas And Pipeline Forum

1. Objectives

The representatives of the Republic of Korea, Japan and China of the 3rd Conference on Northeast Natural Gas Pipeline in Seoul on 4-7 November, 1997, adopted the statutes and established the Northeast Asian Gas and Pipeline Forum as a non-profitable organization for international cooperation.

The general objective of the Forum is to promote the expansion of natural gas utilization in Northeast Asia through the exchange of information, mutual cooperation, international understanding and goodwill amongst members.

2. Members

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

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

APRSJ (Asian Pipeline Research Society of Japan)

ROSASIAGAS (Asian Pipeline Research Society of the Russian Federation)

MRPAM (Mineral Resources and Petroleum Authority of Mongolia)

3. Directors

President

Mr. **Hyun-Bum Sunwoo**, President, Korea Pan-Asian Natural Gas and Pipeline Association (KPGA), Korea

Vice President

Mr. **Shi Xunzhi**, President, Asia Gas and Pipeline Cooperation Research Center of China, China

Mr. **Fumio Sato**, President of Asian Pipeline Research Society of Japan (APRSJ), Japan

Prof. **Boris G. Saneev**, President of Asian Pipeline Research Society of the Russian Federation (ROSASIAGAS), Russia

Mr. **Battumur Chimmiddorj**, Head, Production Sharing Contracts and New Ventures Department, Mineral Resources and Petroleum Authority of Mongolia (MRPAM)

Senior Adviser to the President

Prof. **Hu Jianyi**, Executive Vice President of Asia Gas and Pipeline Cooperation Research Center of China (AGPRCC), China

Mr. **L. A. Platonov**, Energy Systems Institute, Siberian Branch of RAS, Irkutsk, Russia

Secretary General

Prof. **Masaru Hirata**, Vice President, Asian Pipeline Research Society of Japan

Secretariat

c/o Asian Pipeline Research Society of Japan

2-3-6 Otemachi, Chiyoda-ku

Tokyo, Japan

Tel : +81-3-3277-0778

Fax: +81-3-3277-3459

e-mail : npd003@sepia.ocn.ne.jp