

**The 10th International Conference  
on Northeast Asian Natural Gas and Pipeline:  
Multilateral Cooperation**

**Program**

**18<sup>th</sup> – 19<sup>th</sup> September, 2007**

**Novosibirsk (Academgorodok), Russia**

**Northeast Asian Gas and Pipeline Forum  
Asian Pipeline Research Society of the Russian Federation**

**in collaboration with**

**Siberian Branch of Russian Academy of Sciences (SB RAS),  
RAS Scientific Council on Petroleum Geology and Field Development,  
Asia Gas and Pipeline Cooperation Research Center of China  
Asian Pipeline Research Society of Japan  
Korea Pan-Asian Natural Gas and Pipeline Association  
Mineral Resources and Petroleum Authority of Mongolia**

## Objectives

Analysis and prognosis of the global energy supply system development are indicative of further increase in the world consumption of energy resources, and primarily, hydrocarbons (HC) in the coming decades. Regionally, the demand for oil and gas tends to increase in Asian-Pacific Region countries (APR). Both rapid economic growth in Russia and the planned hydrocarbon resources development in East Siberia and Russian Far East will eventually lead to a considerable rise in energy consumption in the eastern areas of Russia. Alongside with that, there remain only few major HC resources base which could meet the potential energy demand, in terms of the world energy supply and demand picture.

They are the politically instable Middle East and Africa, economically and technologically difficult-to-access and geologically weakly studied Arctic seas shelves, as well as infrastructurally developed North of West Siberia, and the promising in oil and gas but undeveloped area of Siberian platform (Irkutsk Region, Krasnoyarsk region, Sakha Republic). There also exist potential for considerable increase in oil and gas production on the Far East seas shelf (Sakhalin and the nearby islands). Among the perspective energy sources West Siberia, East Siberia and Russian Far East approximate the nearest to the the large APR markets, including China, South Korea and Japan.

The present status and new prospect opportunities of growth in explored gas reserves in East Siberia and in the Far East, provided that sufficient investments are made, make it possible both to meet the inner demand of the Russian eastern areas and to provide for sizable export operations to APR countries market. According to SB RAS and Gazprom company estimations, gas production potential of opened fields and perspective resources in East Siberia and in the Russian Far East will amount to 160-170 bln m<sup>3</sup> in 2020 and to 200-210 bln m<sup>3</sup> in 2030.

Natural gas is coming to the forefront in the Northeast Asian market. This kind of energy source is most ecology-friendly among fossil fuels and it is used as fuel for energy-saving technologies, such as fuel cells in industry and as gas combined cycle generation in power sector.

The creation of infrastructure of gas export operations in Siberia and in the Far East covering APR markets will need the solution of such problems as: 1) secured guarantees for certain volumes of gas from the importing countries; 2) calculation of effective supply prices; 3) putting up a large oil and gas production complex for wet gas processing and extracting valuable gas components (helium and et al.); 4) to mitigate/reduce risk of energy investors.

The objective of the 10th International Conference on Northeast Asian Natural Gas and Pipeline held in Novosibirsk, Russia is to work out comprehensive decisions and offer the recommendations to the governments of both natural gas producing and utilizing countries. Their realization will provide for satisfying the demand for natural gas in Russia, and will enhance the optimization of fuel-and-energy balance in East Siberia and the Far East areas, and to the effective pipeline-gas and LNG export supplies to Northeast Asian countries at mutually beneficial prices, secured by guaranteed long-term Russian gas deliveries to the recipient countries.

## **Program**

### **Chairman**

**Acad. Alexey E. Kontorovich**

President, Northeast Asian Gas and Pipeline Forum (NAGPF)  
Academician, RAS

### **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)

**Mr. Hyun-Bum Sunwoo**

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

**Prof. Alexder F. Safronov**

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

**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**

**Prof. Andrey G. Korzhubayev**

IPGG SB RAS leading researcher SB RAS  
SB RAS Representation in China

### **Director of the Exposition of Exhibition**

**Ms. Olga V. Stadnik**

**General Manager, APEX Exhibitional Company**

## **The 1st day (18th September)**

### **Opening Session 09:00-10:40**

**Opening Address**                    **Acad. Alexey E. Kontorovich**  
President, Northeast Asian Gas and Pipeline Forum (NAGPF)

**Congratulatory Addresses**    **Anatoly V.Kvashnin**  
RF President Representative in Siberian Federal State  
**Sergey I. Fyodorov**  
Head of Department for the state policy in natural resources  
use, Ministry of Natural Resources of the Russian Federation  
**Ivan.S. Materov**  
State Secretary,. Deputy Minister of Industry and Energy,  
The Russian Federation  
**Victor V.Samoilenko**  
Ambassador-at-large,  
FR Foreign Affairs Ministry Representative in  
Siberian Federal State  
**Nikolay L. Dobretsov**  
Vice-President, Russian Academy of Sciences (RAS)  
Chairman,, Siberian Branch RAS

**Keynote Speech**                    **“Regional Cooperation in Northeast Asia : the Importance  
of Russian Natural Gas and the Role of the Energy  
Charter”**  
**Dr. Andrei Konoplyanik**  
Deputy Secretary General, Energy Charter Secretariat

### **Exhibition opening ceremony 10.40-11.10**

### **Coffee Break 11.10-11.30**

**Session 1: Energy Policy of Northeast Asian Countries focusing on Natural Gas**  
**11.30-12.30**

In this session the government officials in charge of energy policy in Russia and Northeast Asian countries will introduce their energy policies and their government standpoint on natural gas.

**Presentation 1**                      **“The main elements of Russian energy strategy”**  
**Mr. Vasiliy A. Chakvetadze**  
Head of Natural Gas Industry Authority, Rosenergo, the Federal Energy Agency

**Presentation 2**                      **“Prospects for development of gas and gas chemical and gas supplies to East Siberia and the Russian Far East, and gas export to Northeast Asia”**  
**Academician Alexey E. Kontorovich**  
President, Northeast Asian Gas and Pipeline Forum (NAGPF)

**Presentation 3**                      **“Energy Policy of China”**  
**Mr. Yang Hulin**  
Director, Division of Development Strategy,  
Strategy Research Center of Oil & Gas Resources  
The Ministry of Land and Resources of China

**Discussions 12.30-13.00**

**Lunch 13.00-14.30**

**Session 1: Energy Policy of Northeast Asian Countries focusing on Natural Gas (continued)**  
**14.30-15:50**

**Presentation 4**                      **“Energy Policy of Japan and the Role of Natural Gas”**  
**Mr. Takehiko Nagai**  
Deputy Director, Petroleum and Natural Gas Division  
Agency for Natural Resources and Energy  
Ministry of Economy, Trade and Industry, Japan

**Presentation 5**                      **“Korea’s Energy Policy and Role of Natural Gas”**  
**Mr. Park, Dal Young**  
Director, Korea Pan-Asian Natural Gas and Pipeline Association

**Presentation 6**                      **“Energy Policy of Mongolia and Role of Natural Gas”**  
**Dr. Luvsandorj Sukhbuyan**  
Head of Processing, Technique and Technology Division  
Mineral Resources and Petroleum Authority of Mongolia,

Mongolia

**Discussions 15:30-16:00**

**Coffee Break 16:00-16:20**

**Session 2: The Asia Pacific Market and Expectation for Russian Natural Gas**

**16:20-17:40**

- Presentation 1**                      **“APEC Natural Gas Demand and Supply Outlook: Projections to 2030”**  
**Dr. Sergey Popov**  
Team Leader, Asia-Pacific Energy Research Centre (APERC)
- Presentation 2**                      **“ Outlook of Gas Market of China and Northeast Asia ”**  
**Mr. Liu Hequn**  
Asia Gas & Pipeline Cooperation Research Center of China
- Presentation 3**                      **“Northeast Asian Gas Market and Gas Import from Russia to Korea”**  
**Dr. Lee, Sung-Kyu**  
Korea Energy Economics Institute ( KEEI )
- Presentation 4**                      **“LNG Market Overviews and Japan's Expectation for Russian LNG”**  
**Mr. Koichi Seki**  
General Manager,LNG Strategy & Coordination Group, Fuel Department  
Tokyo Electric Power Company

**Discussion 17:40 -18:10**

**Welcome dinner 19:00**

## **The 2nd Day( 19<sup>th</sup> September)**

### **Session 3: Prospects for Development of Gas Industry in East Siberia and the Far East and Potential Markets**

**9:00-10:00**

In this session major suppliers will introduce their strategies, including the problem of the Eastern countries, resource base, current and potential projects on natural gas, especially in East Siberia and in the Russian Far East. Moreover, they will outline prospects for potential volumes of natural gas to be exported from Russia to APR countries.

#### **Presentation 1**

##### **“Economic Development of Siberia and the Far East in the coming decades”**

**Mr. Valery V.Kuleshov**

Director, Institute of Economics and Industrial Engineering, SB RAS

**Mr. Victor I. Suslov**

Deputy Director,  
Institute of Economics and Industrial Engineering, SB RAS

#### **Presentation 2**

##### **“The Demand for Gas in APR Countries and Potential Gas Supply Operations”**

**Prof. Andrey G.Korzhubayev**

Leading researcher Trofimuk Institute of Petroleum Geology and Geophysics SB RAS

**Dr. Leonty Eder**

Senior Researcher Trofimuk Institute of Petroleum Geology and Geophysics, SB RAS

#### **Presentation 3**

##### **“Conception of Oil-and-gas Industry Development in East Siberia and the Sakha Republic (Yakutia)”**

**Academician Alexey E.Kontorovich,**

Chairman, Research Council on Oil and Gas Fields Geology and Development, Trofimuk Institute of Petroleum Geology and Geophysics

(IPGG) SB RAS

**Mr. Vladimir A.Kashirtsev,**

RAS Correspondent Member, IPGG Deputy Director

**Dr. Irina V.Filimonova**

Senior Researcher, Trofimuk Institute of Petroleum Geology and Geophysics SB RAS

**Discussions 10:00-10:30**

**Coffee Break 10:30-10:50**

**Session 3: Prospects for Development of Gas Industry in East Siberia and the Far East and Potential Markets (continued)**

**10:50-11:50**

**Presentation 4**

**“Raw Material Base Consolidation Program for Oil-and-Gas**

**Industry in East Siberia and Sakha Republic (Yakutia)”**

**Alexey I.Varlamov**

Deputy Minister, RF Natural Resources Ministry

**Petr V.Sadovnik**

Deputy Director, Federal Agency on Nature Resources Use

**Arkadiy S.Efimov**

General Director, Siberian Research Institute of Geology, Geophysics and Mineral Resources

**Alexander A.Gerdt**

Deputy Director, Siberian Research Institute of Geology, Geophysics and Mineral Resources

**Prof. Valery S.Staroseltsev**

Deputy Director, Siberian Research Institute of Geology, Geophysics and Mineral Resources

**Presentation 5**

**“Development of the World Importance Helium Center in East Siberia and Sakha Republic (Yakutia)”**

**Mr. Vadim N.Udut**

General Director, “Geliymash” company

**Academician Alexey E.Kontorovich**

Chairman, Research Council on Oil and Gas Fields Geology and Development, Trofimuk Institute of Petroleum Geology and Geophysics, (IPGG) RAS

**Presentation 6**

**“Prospects for Gas Production, Processing and Petroleum Chemical Industries Development in Sakha Republic (Yakutia)”**

**Mr. Gennadiy F.Alexeyev**

First Deputy of Chairman of Sakha Republic (Yakutia) Government

**Mr. Alexander F.Safronov**

Chairman, Presidium of Yakutia Scientific Center SB RAS

**Discussions 11:50-12:20**

**Lunch 12:20-14:00**



### **Session 3: Prospects for Development of Gas Industry in East Siberia and the Far East and Potential Markets (continued)**

**14:00-14:40**

**Chaired by Russia**

**Presentation 7**                      **“Institutional and economic problems of reactivation of associated petroleum gas resources in Russia”**  
**Valery A. Kryukov**  
Institute of Economics and Industrial Engineering, SB RAS

**Presentation 8**                      **“Prospects for Gas Production, Processing and Petroleum Chemical Industries Development in Krasnoyarsk Region”**  
Representative from Krasnoyarsk Region

**Discussion 14:40-15:00**

**Coffee Break 15:00-15:20**

### **Session 4 : New Era of Natural Gas Related Technologies**

**15:20-17:00**

**Chaired by Kazuhiko O’hashi, Nippon Steel Engineering Co., Ltd.**

**Presentation 1**                      **“The NATURALHY-Project: Preparing for the Hydrogen Economy by Use of the Existing Natural Gas System as a Catalyst ”**  
**Mr. Gjalt Tiekstra**  
Coordinator for the Naturalhy Project, N.V.Nederlandse Gasunie

**Presentation 2**                      **“Development and Commercialization of High Strength Linepipe upto X120**  
**Dr. Hitoshi Asahi**  
Chief Researcher, Technical Development Bureau  
Nippon Steel Corporation

**Presentation 3**                      **“Natural Gas Pipeline Development of China”**  
**Mr. Chen Qingxun**  
Assistance President, China Petroleum Pipeline Bureau  
General Manager, China Petroleum Pipeline Engineering Corporation

**Presentation 4**                      **“An Introduction of Energy Saving Technologies to Moderate CO<sub>2</sub> Emission Increase”**  
**Mr. Yasuo Takagi**  
Chief Specialist, Toshiba Corporation

**Presentation 5**

**“Natural Gas Processing into NG Products (acetylene and petrol) with the Use of Plasma Technologies”**

**Mr. Vasiliy M. Fomin**

Director, Institute of Theoretical and Applied Mechanics SB RAS

**Mr. Kazimira G. Ione**

Director, “Tseosit” Scientific and Engineering Center SB RAS

**Mr. V.P.Lukashov**

Senior Researcher Institute of Theoretical and Applied Mechanics SB RAS

**Mr. V.M Mysov**

Tseosit company

**Discussions 17:00-17:30**

**Special Report from NAGPF Secretariat**

**17:30-17:50**

**“Long-term Vision of Natural Gas Infrastructure in Northeast Asia (Year 2007 Version)**

**“Natural Gas Related Technologies”**

**Closing Session (17:50- 18:30)**

Wrap up by the Chairman

Alexey E.Kontorovich, Academician

**Inaugural Address of the New President**

**Farewell Dinner 19:00**