



No.9 Japan-Russian Energy and Environment Dialogue in Niigata

## JNOC and JOGMEC's activities in Russian Oil and Gas 「JOGMECのロシアでの活動」

Nov. 2, 2016 Niigata

Masumi Motomura

Japan Oil, Gas and Metals National Corporation  
(JOGMEC)

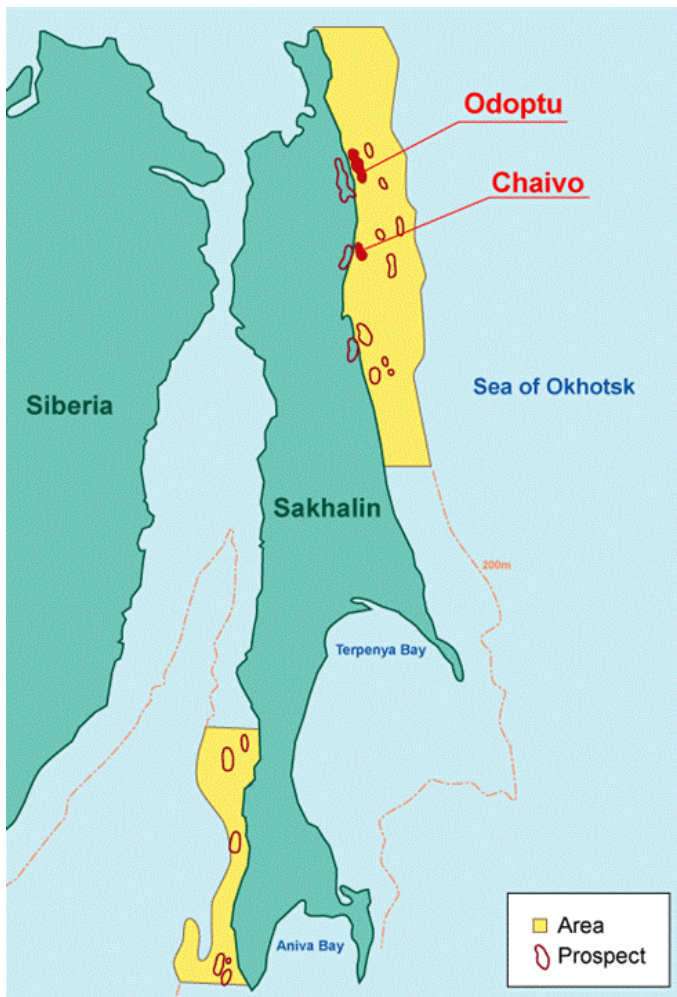
独立行政法人石油天然ガス・金属鉱物資源機構

### Japan's Loan Project for Offshore Sakhalin by **SODECO**



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- 1972 Oct: 5<sup>th</sup> Japan-Soviet Economic Committee
  - Loan for Offshore Sakhalin development recommended
- 1974 Oct: **SODECO** (Sakhalin Oil Development Cooperation Co.,Ltd.) was established.
  - Exploration Period: 1976 – 1983
  - Japan National Oil Corporation (JNOC) has 50% share
  - The project was shelved due to collapse of Soviet Union
- The project was reorganized as Sakhalin-1 for field development under PS regime in 1995
  - ExxonMobil(30%), **SODECO**(30%), ONGC(20%), Rosneft/Sakhalinmorneftegaz(20%)
  - JNOC has 50% share of renewed SODECO
- Sakhalin 2 was established in 1994



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## Offshore Sakhalin Project by SODECO (1976-1983)

Drilled wells: 25  
 Prospects: 7  
 Discovery: 2  
 Odoptu field (1977)  
 Chaivo field (1979)

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## Areas and Infrastructures of Sakhlin-1 and 2 (1995-Present)

**Sakhlin-1:**  
 ExxonMobil(30%),  
 SODECO(30%),  
 ONGC(20%)  
 Rosneft-SMNG(20%)

**Sakhlin-2:**  
 Gazprom(50%),  
 Shell(27.5%),  
 Mitsui(12.5%),  
 Mitsubishi(10%)

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**Yastreb Drilling Rig  
of Sakhalin-1**

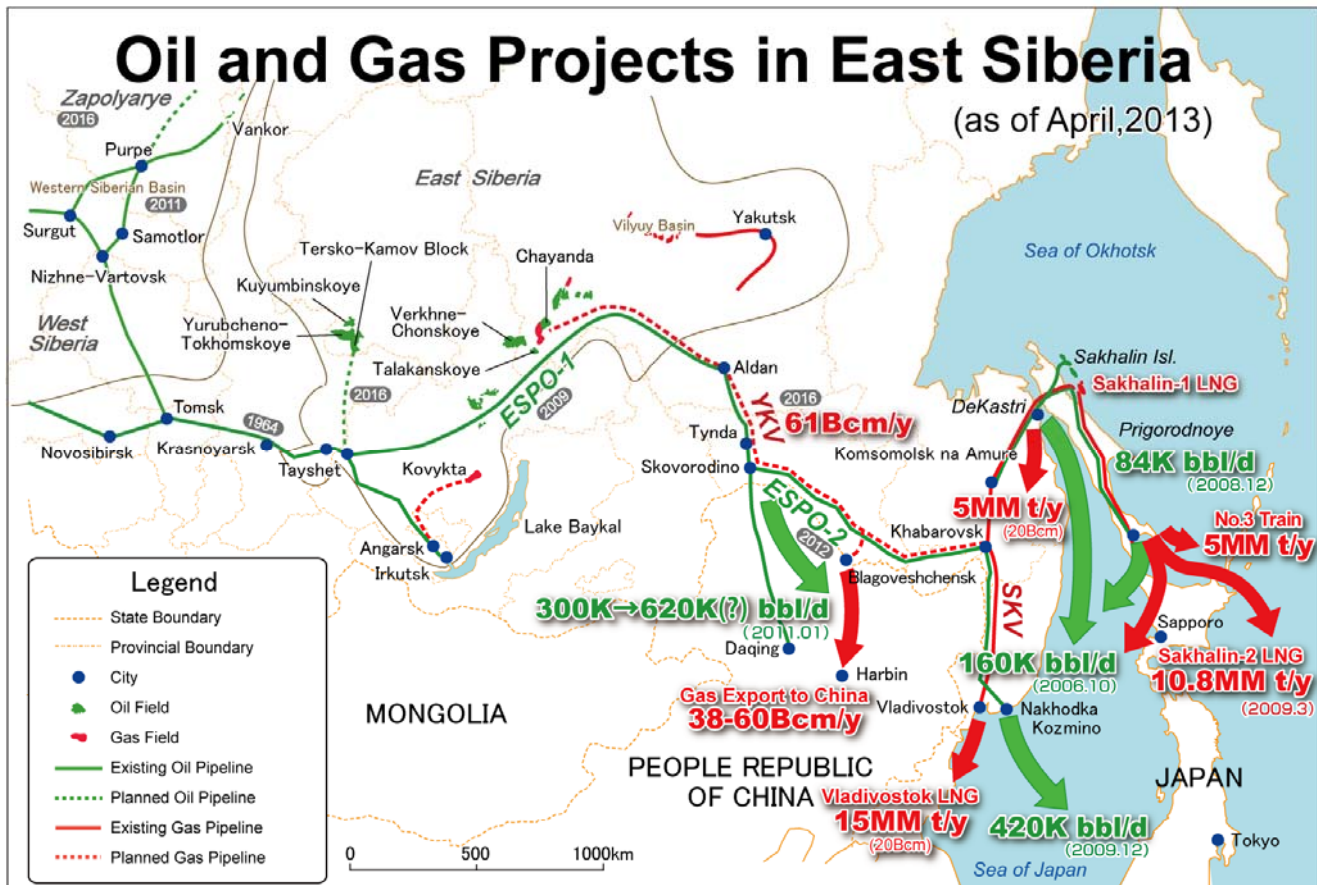
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**LNG Facility at Prigorodnoye  
Sakhalin-2**

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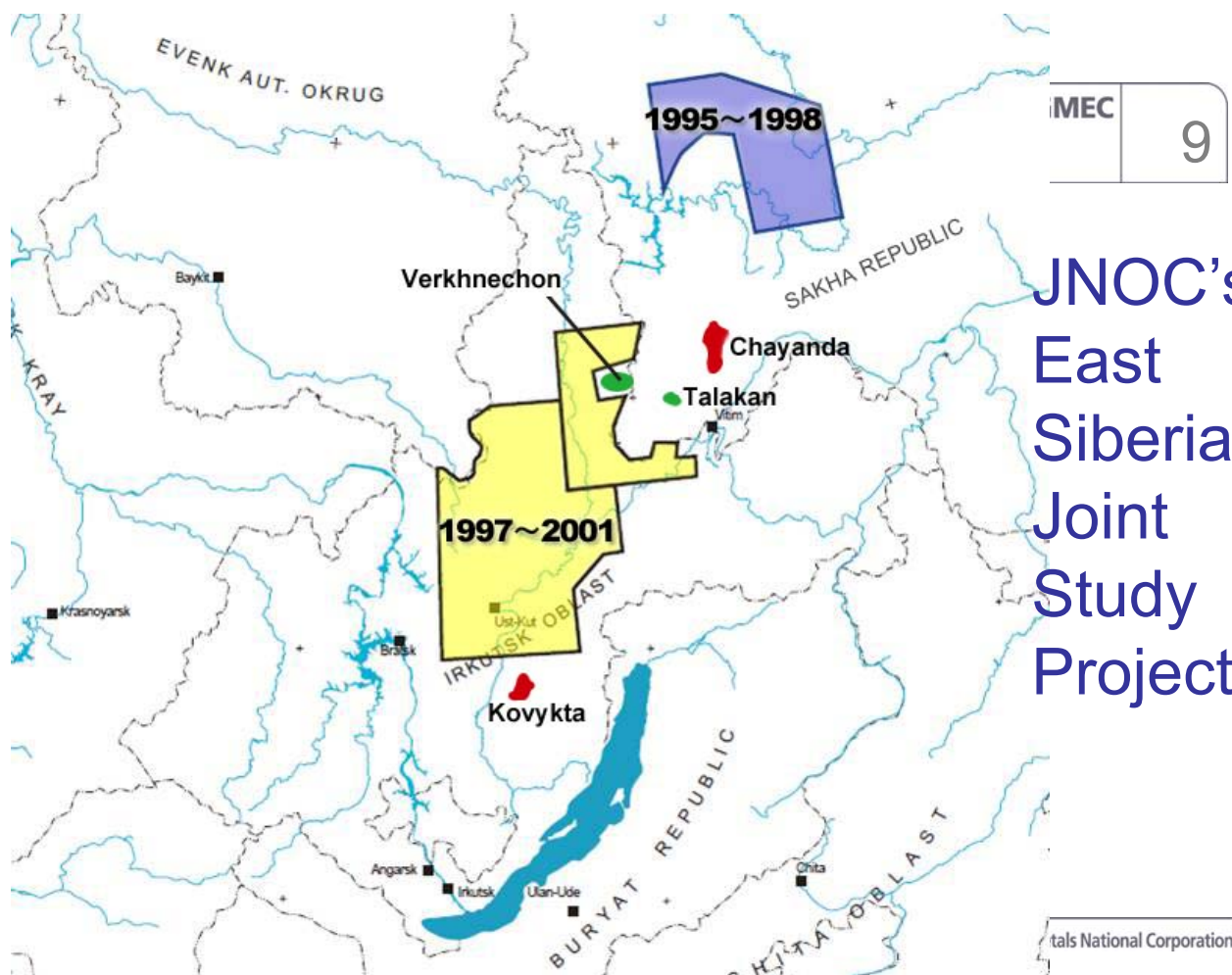


### East Siberia Joint Study Project by JNOC



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- JNOC (Japan National Oil Corporation) had been interested in the hydrocarbon potential of East Siberia since 1990's
  - Infrastructures like oil and gas pipelines will be built in East Siberia eventually
    - Commercial projects may be possible in the future
  - Density of exploration is very low
    - High possibility of new discovery
  - New energy source to Japanese market
    - Diversification of sources from Middle East



JNOC's Joint Study on East Siberia  JOGMEC 10

	Sakha	Irkutsk
Period	1995-1998	1997-2001
Partner	Sakhaneftegaz	Irkutsk Geofizika Vostsibneftegeologiya
Study Area	North of Nepa-Botuobin High	South of Nepa-Botuobin High
Seismic Reprocess	4,000km	5,800km
Other Studies	Sample Analysis Synthetic Geological Evaluation	Sample Analysis Synthetic Geological Evaluation

## Action Program by Mr. Koizumi



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- 2003 Jan: Premier Koizumi visited Moscow to sign Japan-Russia “Action Program”
  - To promote the pipeline project in Siberia and the Russian Far East for transportation of energy
  - To support private companies of both countries for cooperation of oil and gas development in Siberia and the Russian Far East
  - To execute Sakhalin 1 & 2 projects smoothly
  - To maintain dialogue of energy cooperation
- JNOC reorganized into JOGMEC in 2004

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JOGMEC/INK(Irkutsk Neft Company) established JVs and have made oil discoveries in three blocks in 2008



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# Severo-Mogdinsky block



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## JOGMEC's Upstream JV in East Siberia

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Zapadno Yaraktinsky & Bolshetirsky blocks

INK(Irkutsk Neft Company) 51%  
 JASSOC(Japan South Sakha Oil Co.) 49%

Sept. 2013: Itochu and Inpex, Japanese private sector, joined JASSOC.  
 Location: close to ESPO Pipeline

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## Cooperation between JOGMEC and Primorsk Krai for Coal Business



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Sep. 3, 2016, JOGMEC and Primorsk Krai signed MOU for mutual cooperation for development of the region and coal industry, strengthening relationship and exchanging information of coal.

70% of Russian coals were exported via Primorsk Krai.

Gov. Mikulshchikov & Mr. Ikeda,  
Executive Director of JOGMEC

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## Conclusion



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- (1) Japan has been interested in Sakhalin and East Siberia as energy source due to its proximity, safety and flexibility
- (2) JNOC supported SODECO for offshore Sakhalin oil and gas project since 1974.
- (3) JNOC supported renewed SODECO, a partner of Sakhalin 1 under PS regime since 1995.
- (4) JNOC made geological studies with Sakha and Irkutsk late 1990's preparing for the future business
- (5) JOGMEC(2004~) made a JV with Irkutsk Oil Company to carry out exploration in Irkutsk, East Siberia since 2008
- (6) In 2013, JV was transferred to Japanese private sector to pursue commercial oilfield development.

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