

**Activities to Realize Regional Energy and
Environmental Securities by
Northeast Asian Gas & Pipeline Forum
(NAGPF)**

Established in 1997, among Japan, China, Korea, Russia and Mongolia

**May 13, 2010
Khabarovsk**

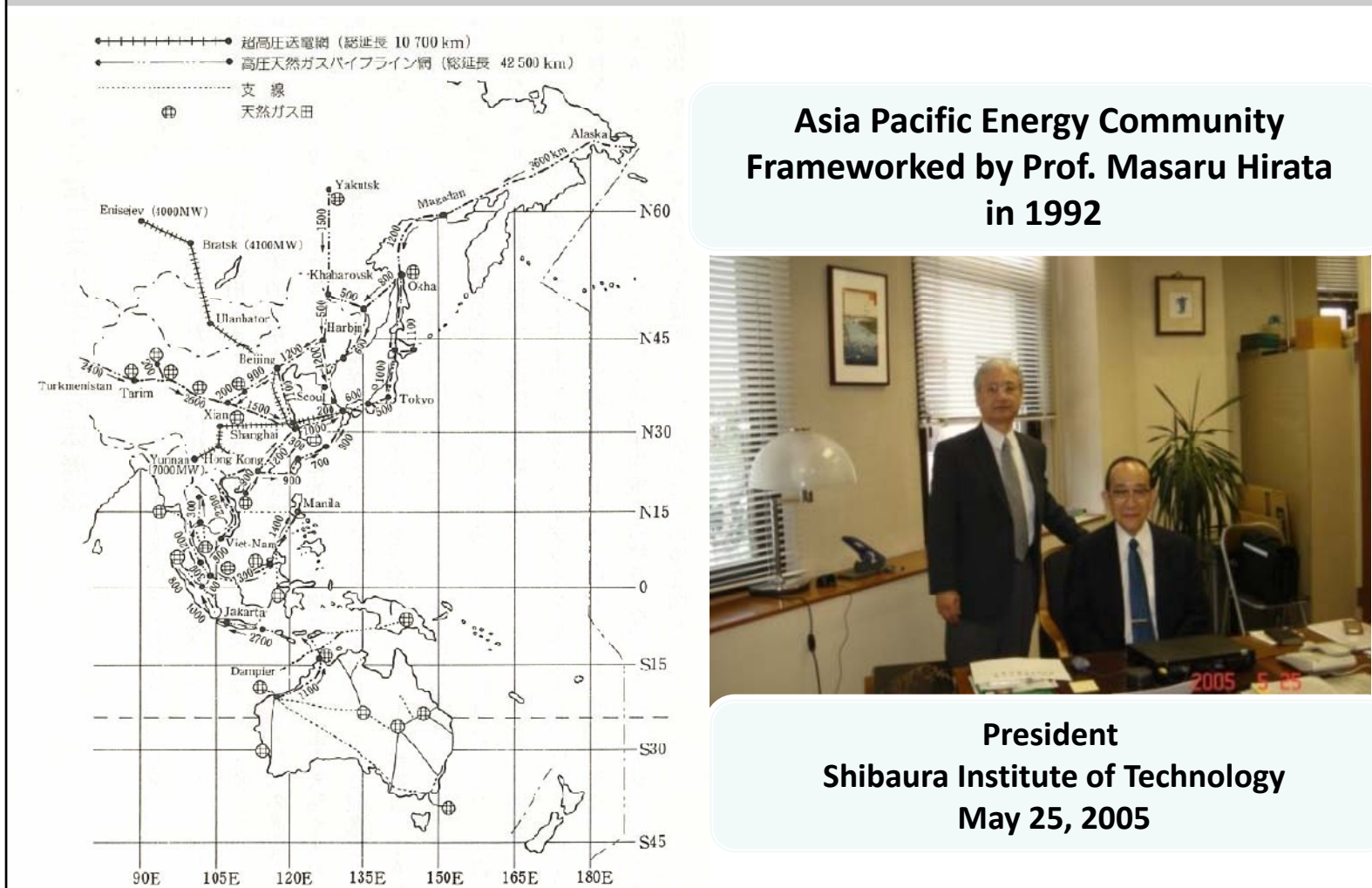
Dr. Kazuhiko O'Hashi

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Senior Advisor: Nippon Steel Engineering Co., Ltd.

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**National Pipeline Research Society in Japan (NPRSJ:1998~1997)~
Asian Pipeline Research Society in Japan(APRSJ:1997~2010) ~
Northeast Asian Gas & Pipeline Forum in Japan (NAGPF-J:2010~)**



**Asia Pacific Energy Community
Frameworked by Prof. Masaru Hirata
in 1992**



**President
Shibaura Institute of Technology
May 25, 2005**

Meeting with Leaders in Asia



Dr.Habibie in Indonesia



Dr.Mahathir in Malaysia



Dr.Wang Tao
Former Chairman of CNPC, China

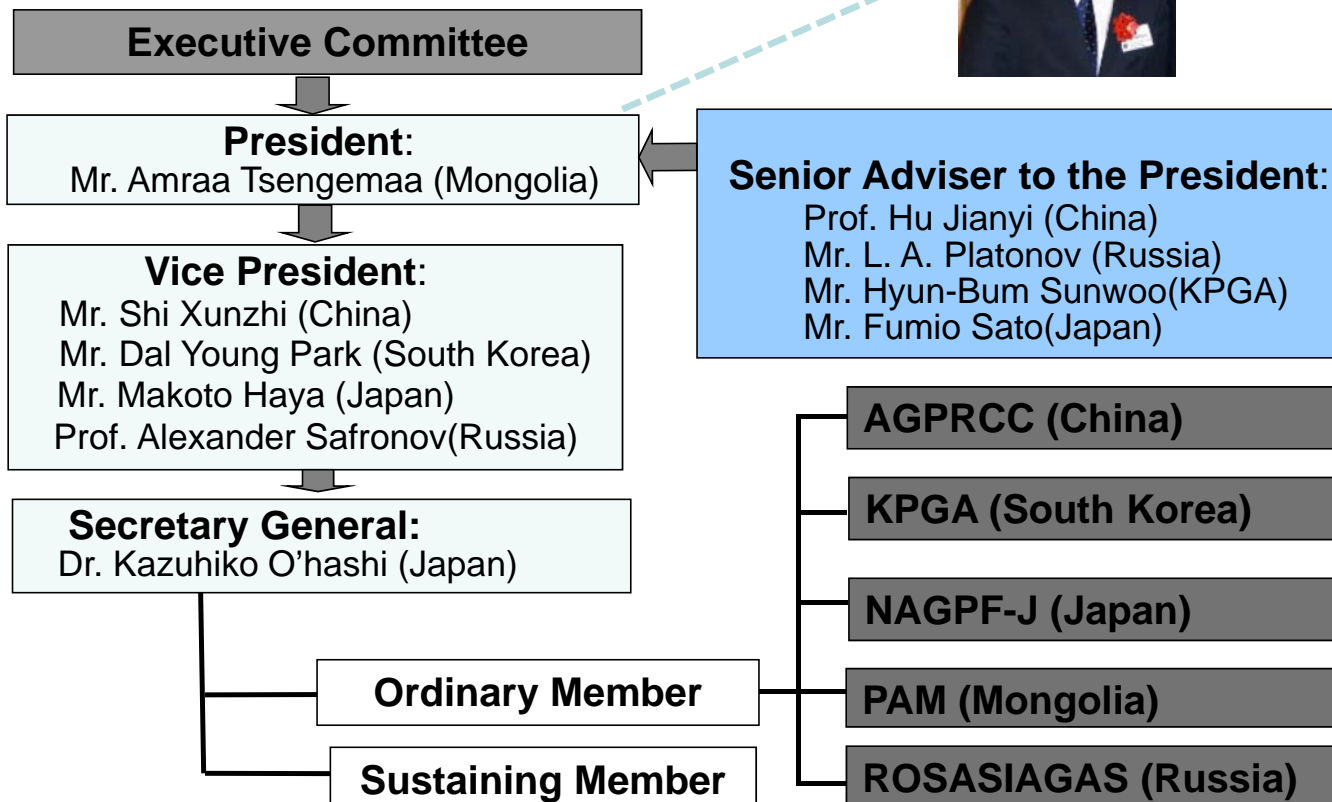


Mr.Lee , President of KOGAS

Kovyktinskoye Gas Field in September 01, 1995



Organization of NAGPF



Northeast Asian Gas & Pipeline Forum

International Conference Since 1995

No.	Year	Place	Remarks
1	1995	Tokyo, Japan	#1 in Japan
2	1996	Beijing, China	#1 in China
3	1997	Seoul, Korea	#1 in Korea
4	1998	Ulaanbaatar, Mongolia	#1 in Mongolia
5	1999	Yakutsk, Sakha Republic	#1 in Sakha
6	2000	Irkutsk, Russia	#1 in Russia
7	2001	Tokyo, Japan	#2 in Japan
8	2004	Shanghai, China	#2 in China
9	2005	Seoul, Korea	#2 in Korea
10	2007	Novosibirsk, Russia	#2 in Russia
11	2009	Tokyo, Japan	#3 in Japan
12	2011	Ulaanbaatar, Mongolia	#2 in Mongolia

A Long-term Vision of Natural Gas Infrastructure in Northeast Asia - 2009 Version -



October 2009
Northeast Asian Gas & Pipeline Forum

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Natural Gas Production and Export Capacity in NEA

(BCM)

Country/Area	2020		2030	
	Production	Export	Production	Export
East Siberia	55		57	
The Far East	95		105	
East Siberia + The Far East	150	PNG 50 LNG 21	162	PNG 50 LNG 28
China	150-180	0		



Natural Gas Demand in NEA

(BCM)

Country/Area	2008	2020	2030
Russia ¹⁾ (East Siberia+Far East)	9.4	27.0	32.0
China	80.4	230.0	
South Korea	34.8	48.7	57.0
Japan	101.1	82.7-114.0	66.0-117.1
Mongolia	0	0.4-0.6	
Total	225.7	388.8-420.3	

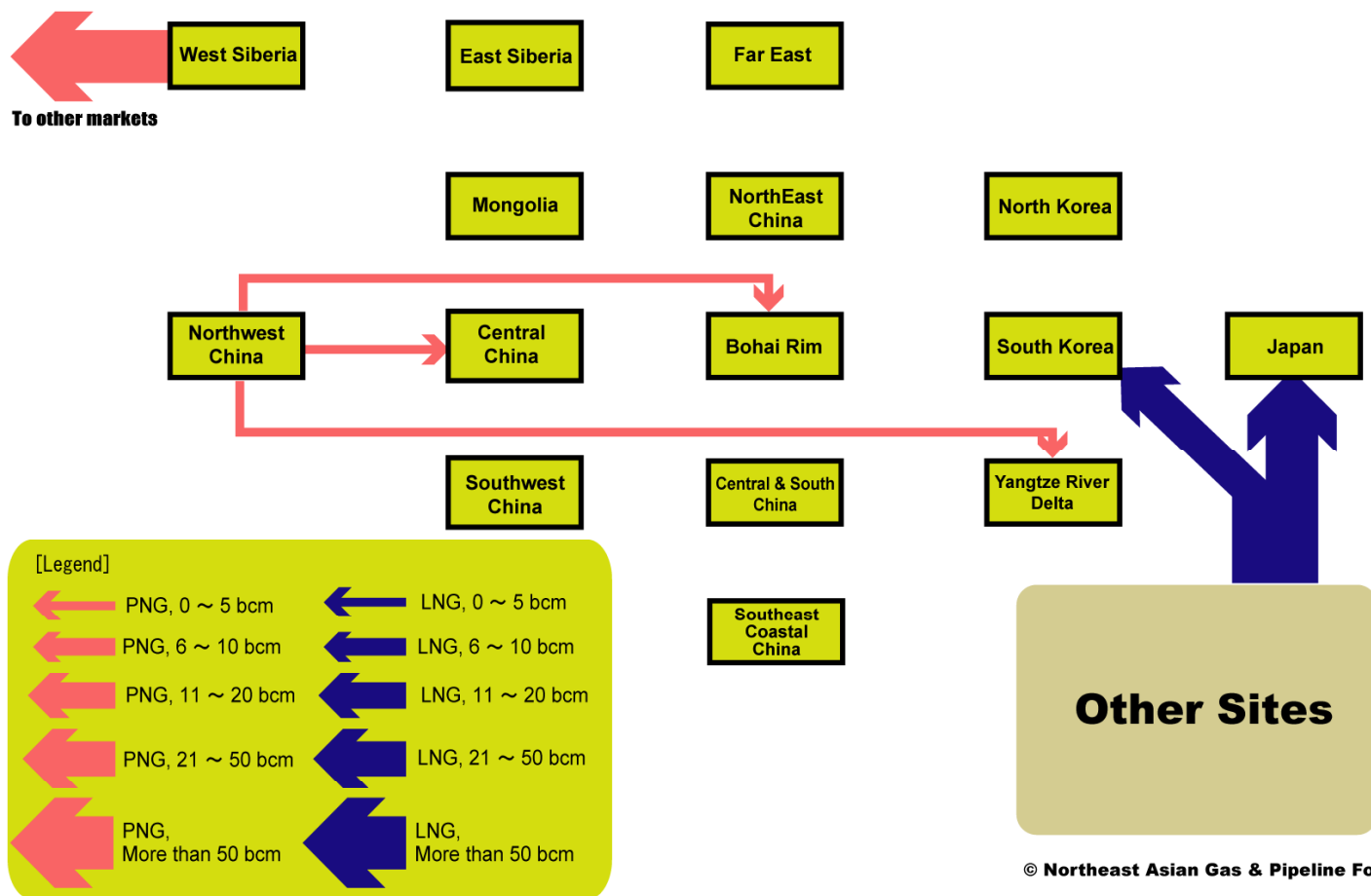
1)without gas chemistry and technological needs



Northeast Asian Gas & Pipeline Forum

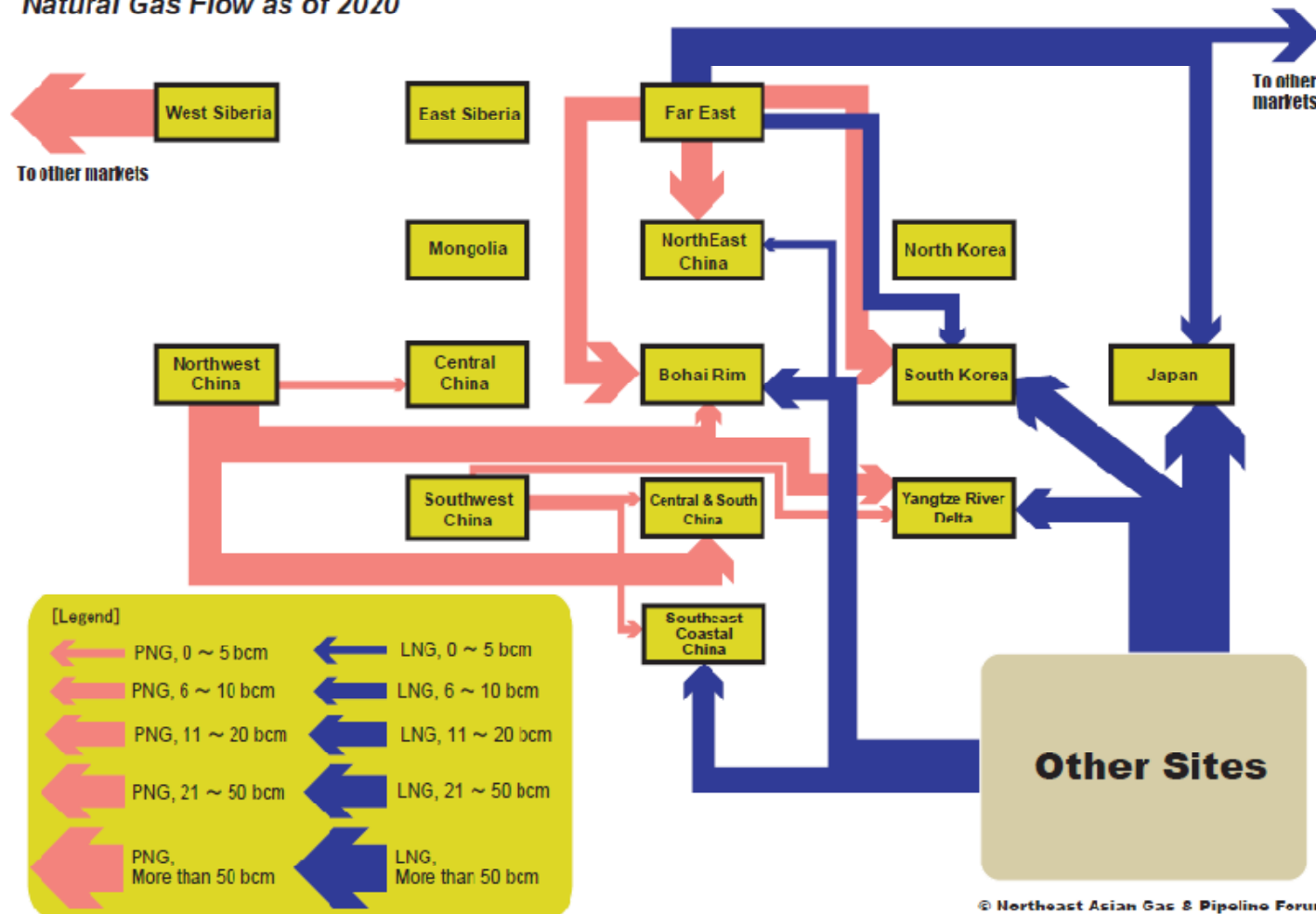
Natural Gas Flow as of 2008

Natural Gas Flow as of 2008

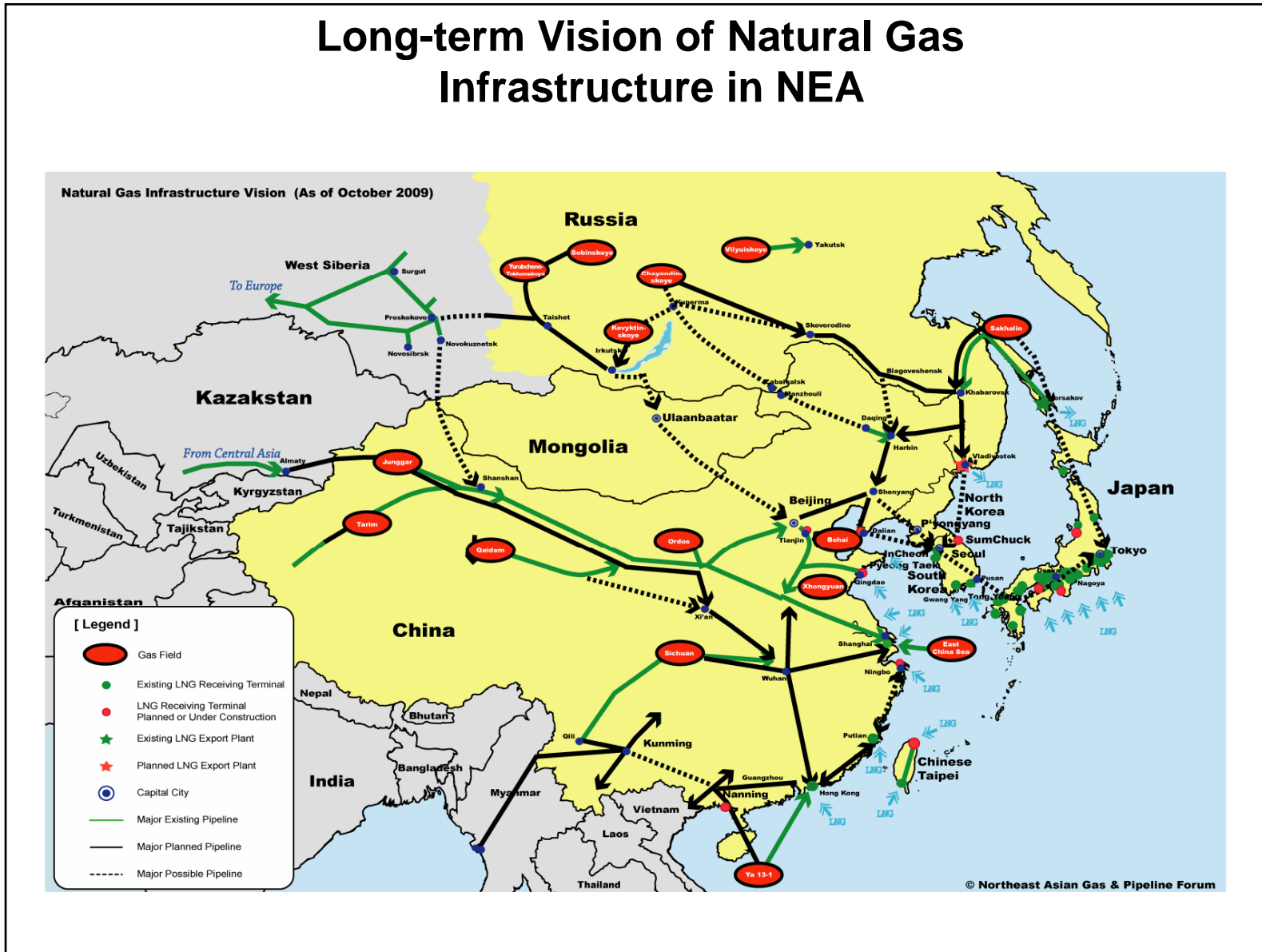


Natural Gas Flow as of 2020

Natural Gas Flow as of 2020



Long-term Vision of Natural Gas Infrastructure in NEA



***We hope that
this vision will be realized in the near future
through the close cooperation and coordination of
relevant parties.***

***The NAGPF would like
to continue its effort to encourage and act as a
catalyst for its realization.***



Northeast Asian Gas & Pipeline Forum

New Organization of NAGPF-J from May 2010

Economic Research Institute for Northeast Asia (ERINA)

Northeast Asia Gas & Pipeline Forum in Japan (NAGPF-J)



President : Mr.Makoto Haya,
President of Nippon Steel Engineering Co.,Ltd.



Advisor to the President:
Mr. Susumu Yoshida,
Honorary Chairman of ERINA



Vice President :Mr. Susumu Abe,
Ex-executive of Toshiba Corporation

Secretary General: Mr. Hirofumi Arai
Associate Senior Researcher of ERINA
Secretarial Group:
Dr. Kazuhiko O'Hashi & Dr. Kazuaki Hiraishi

ご清聴ありがとうございました。

СПАСИБО ЗА ВНИМАНИЕ !!



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