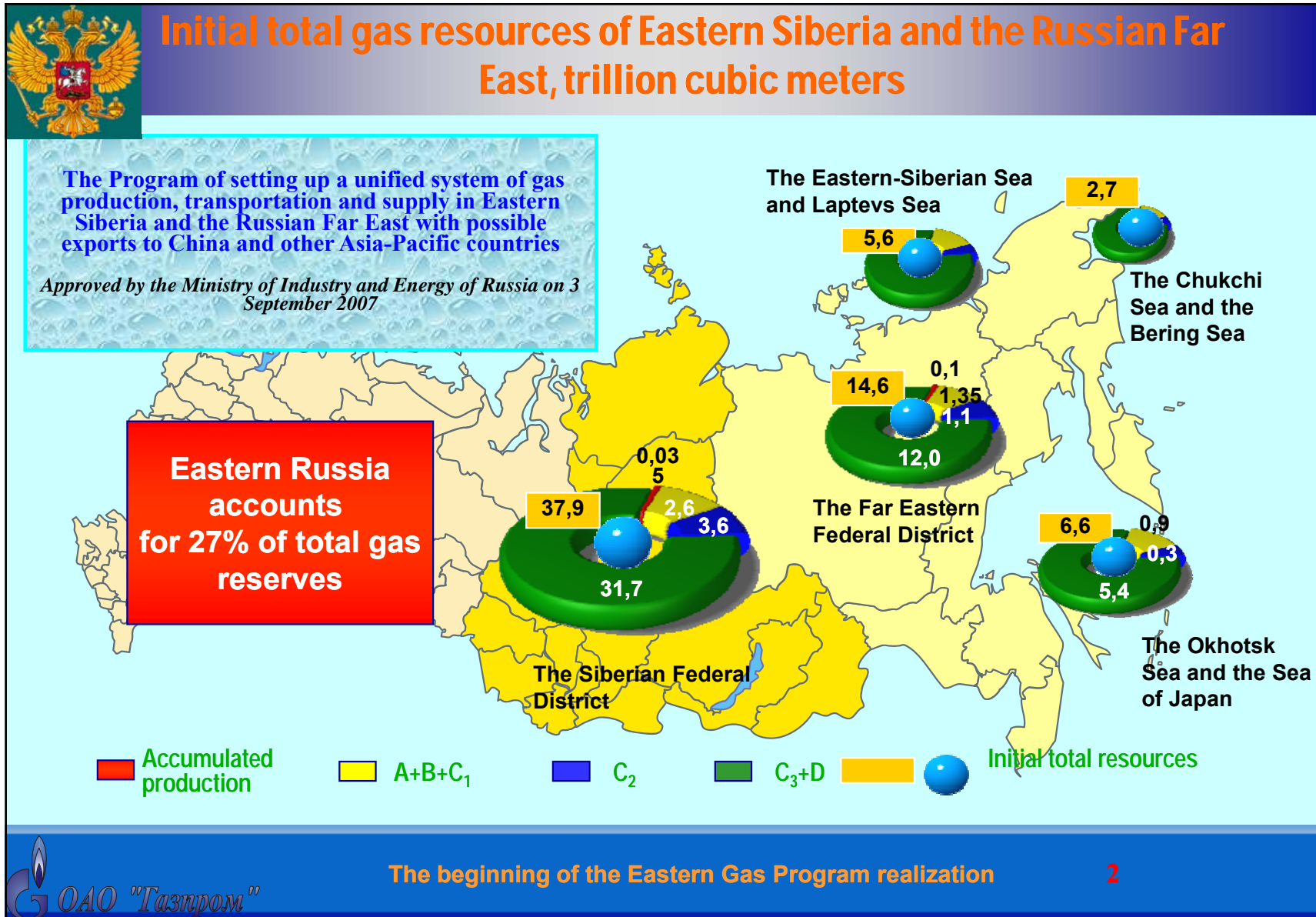


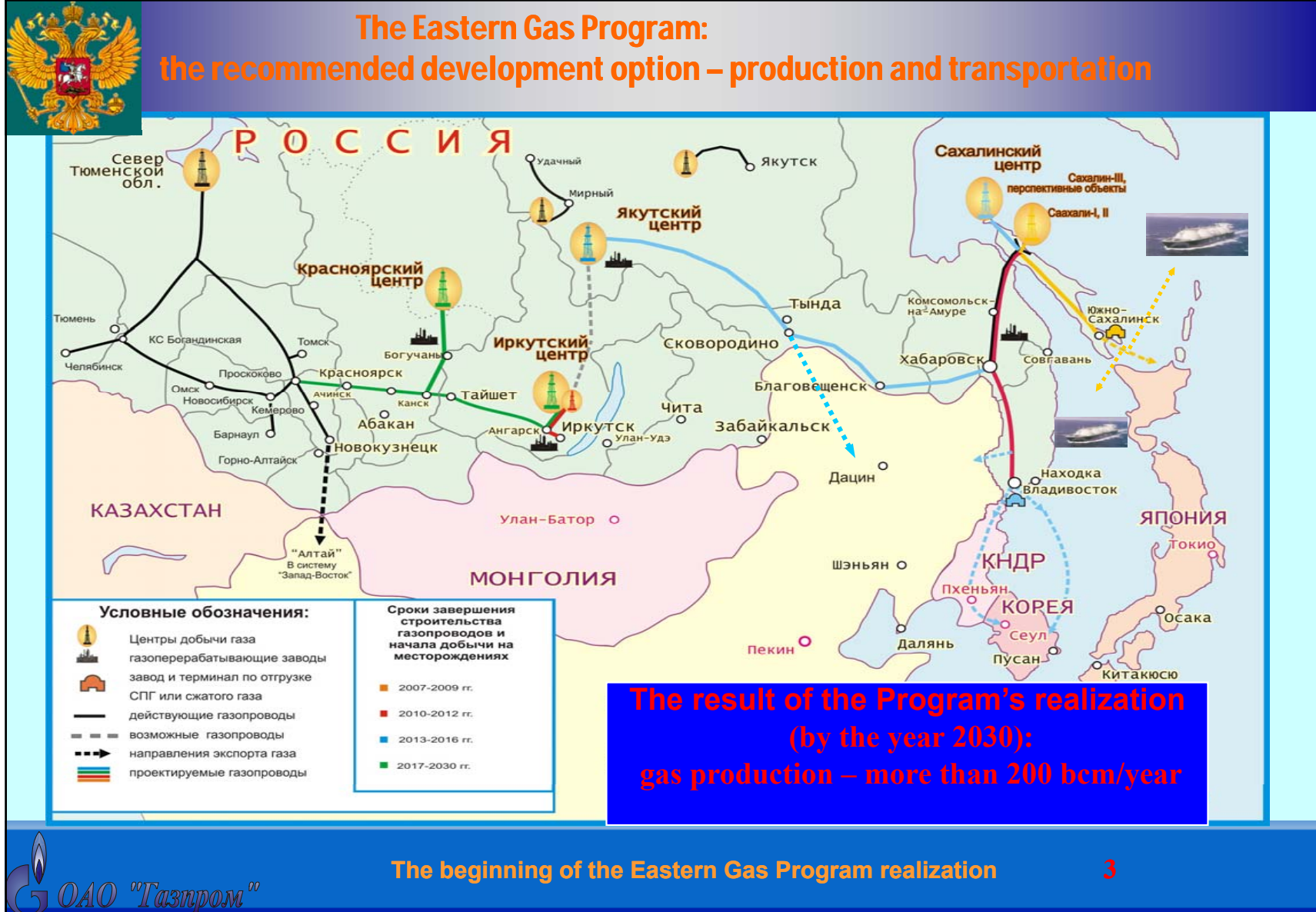
## Japan-Russia Energy and Environment Dialogue in Niigata

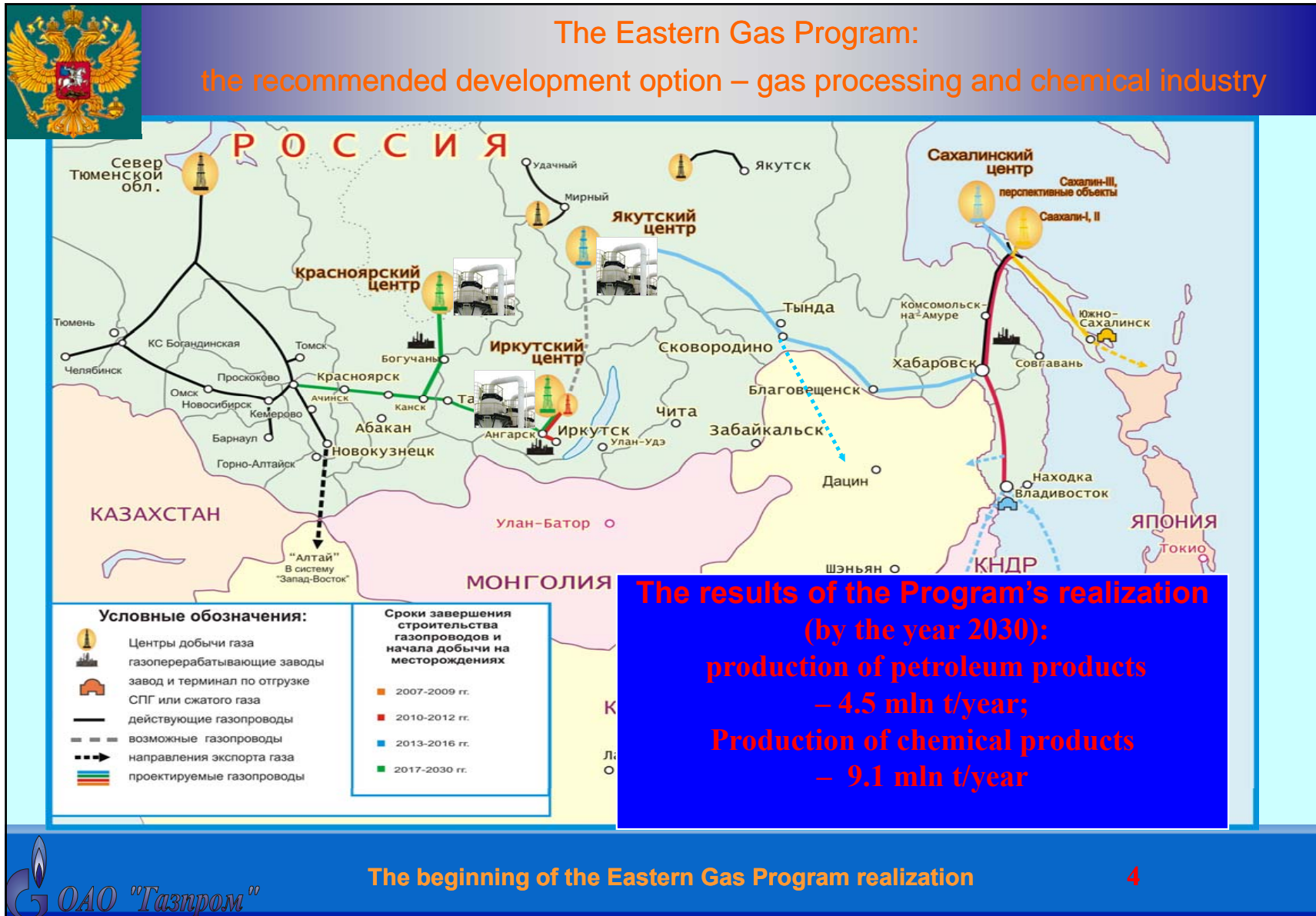
### The beginning of the Eastern Gas Program realization



**A. M. Mastepanov,  
Adviser to the Deputy Chairman,  
Gazprom Management Committee**









## The Program's aims and basic parameters

**The main aim of the Program** is the creation of efficient gas industry in Eastern Russia which will serve as the basis for dynamic social and economic development of the region, improvement of living conditions of the local population.

### **The basic parameters of the Program:**

- required investment is USD **100** billion;
- macroeconomic effect of the Program's realization is expected to be more than USD **770** billion



## The Program's basic parameters - continued

### The Program's basic parameters:

- Federal and regional tax revenues – approximately

**USD 150 billion**

- total export of natural gas by the year 2030 – **78 bcm**

**The Program's realization coordinator is Gazprom**

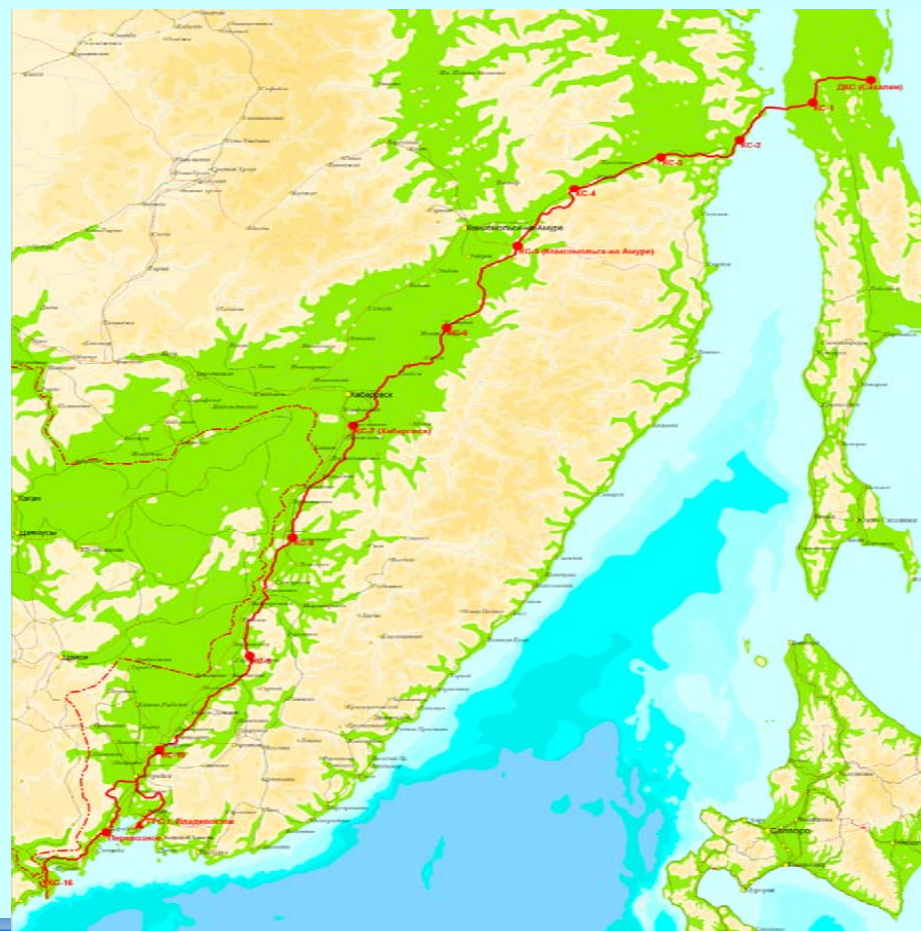




## Sakhalin - Khabarovsk - Vladivostok gas trunk pipeline

**Will be in operation in  
the third quarter of 2011**

- The investment feasibility and basic technical approaches ready;
- Design work and land plot assignment is under way;
- Local governments have approved the route of the pipeline;
- In 2008 aerial photography and laser scanning of the route were performed.









## Yakutsk gas production center



The beginning of the Eastern Gas Program realization




## Sakhalin gas production center

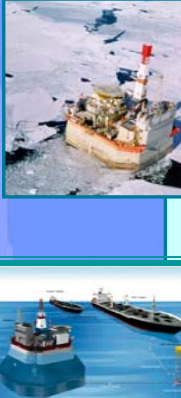


### Russian Government Order dated 01.09.2008:

- The Ministry of Natural Resources and Rosnedra ...are to grant Gazprom the exploration rights at Kirinsky, Vostochno-Odoptinsky and Aiyashsky blocks offshore Sakhalin (the Sakhalin III project)




The «Sakhalin-2» project



**Gazprom's participation in the Sakhalin II project**

- 21.12.2006 - The protocol on participation
- 8.04.2007 – The Purchase Agreement
- 31.05.2007 – the first newly appointed Board meeting
- The first LNG shipment – beginning of 2009

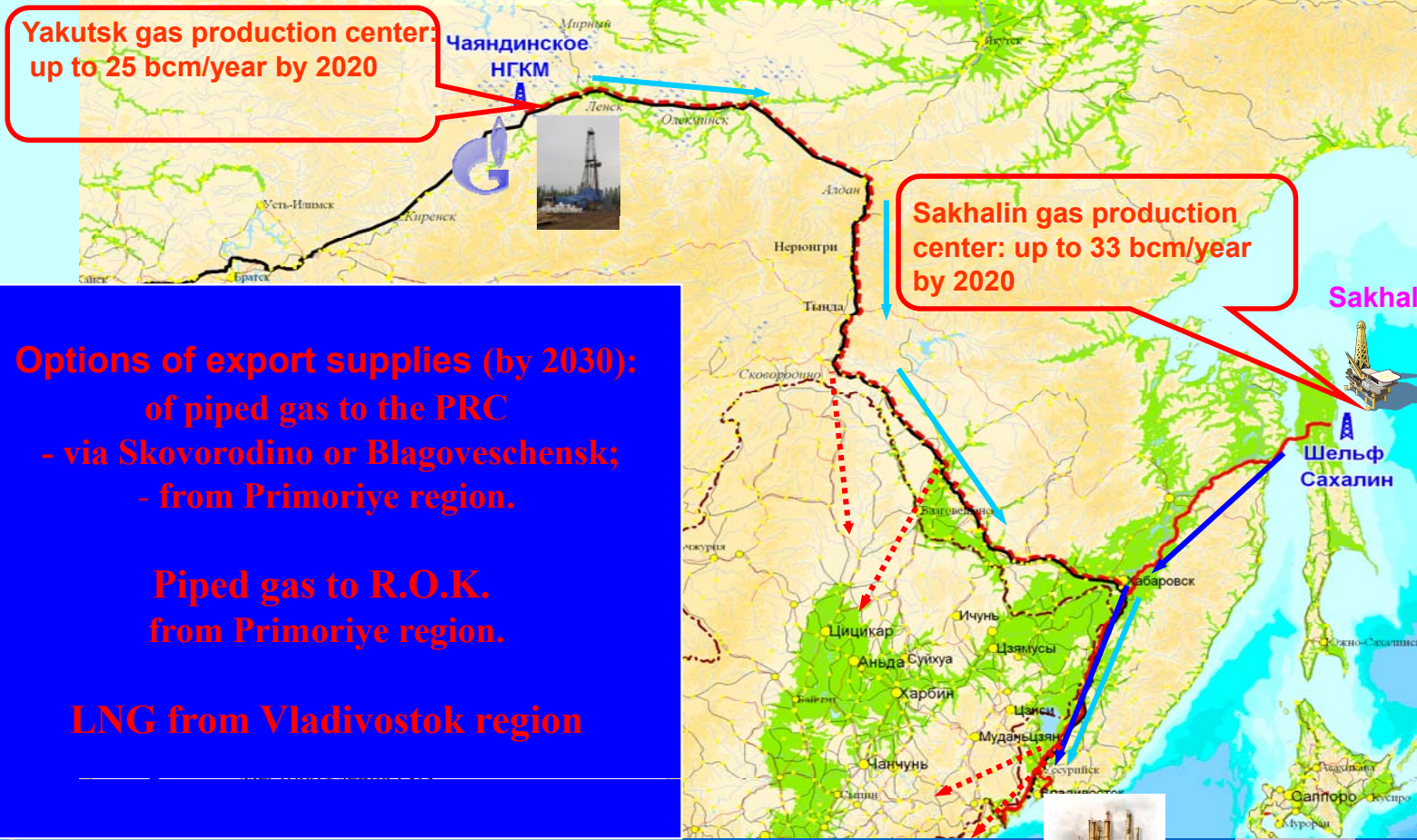
**Gazprom's aims at Sakhalin: participation in exploration tenders**



The beginning of the Eastern Gas Program realization

10

## Options of export supplies from the Far Eastern Gas Transportation System

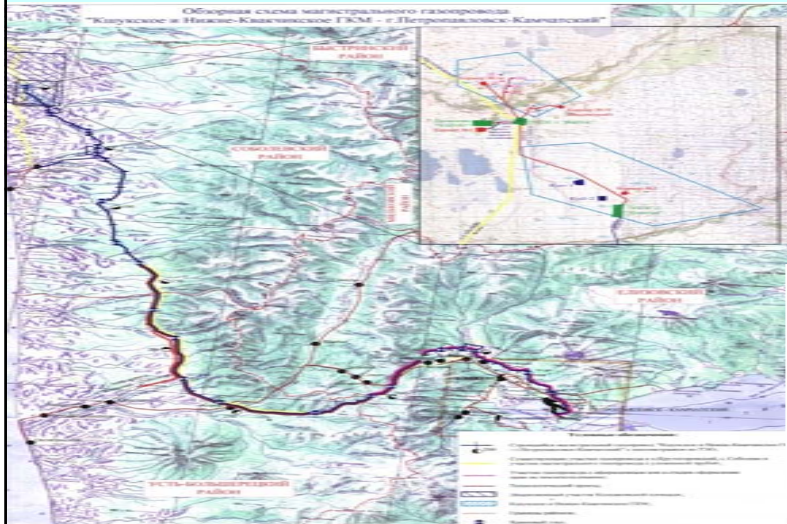


The beginning of the Eastern Gas Program realization

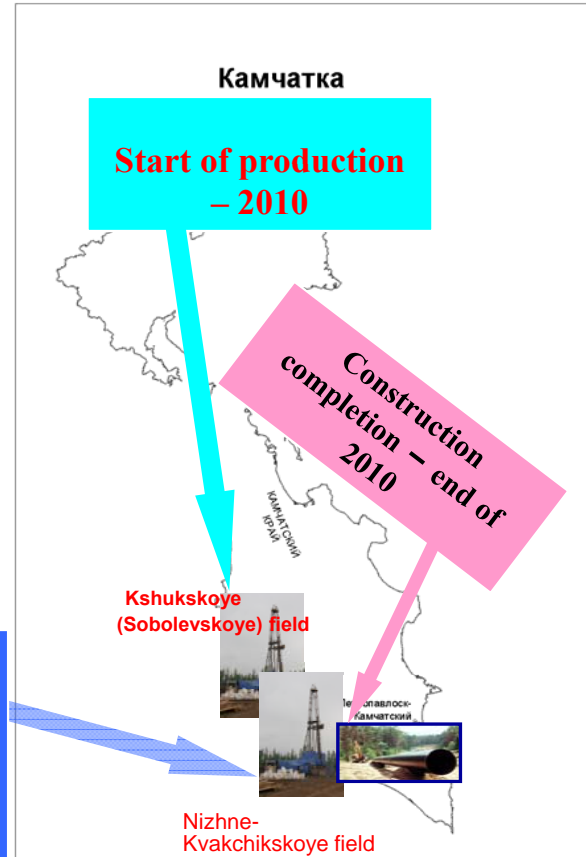


## Kamchatsky Krai gas supply system formation

**The construction of a pipeline from Sobolevo to Petropavlovsk-na-Kamchatke has started. Preparation for test and industrial production at Kshuuskoye and Nizhne-Kvakchikskoye fields is under way. The Kamchatka Deep Drilling Expedition has been formed.**



**The start of construction of the first production well planned for 1.04.2009 г.**





## Krasnoyarsk and Irkutsk gas production centers formation

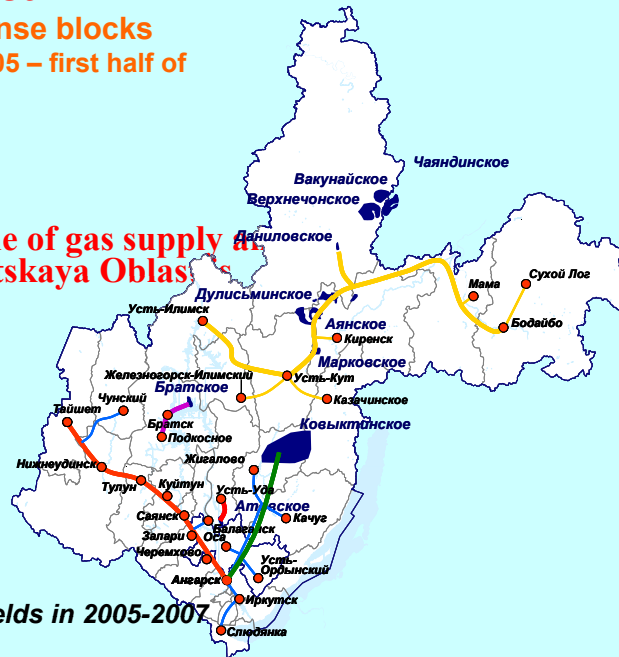
### Krasnoyarsky Krai

Exploration at 18 license blocks  
 Total expenditure in 2005 – first half of 2008 – USD 360 million

### Irkutskaya Oblast

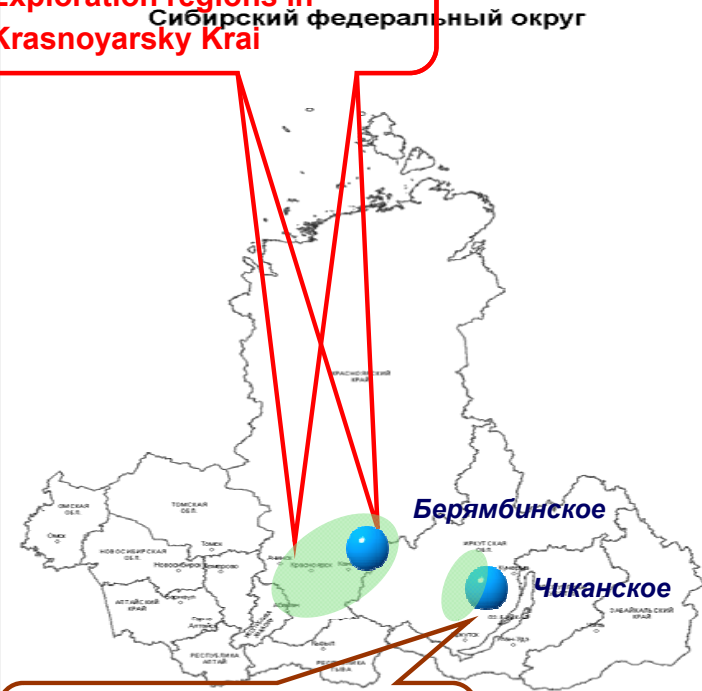
Exploration at 5 license blocks  
 Total expenditure in 2005 – first half of 2008 – USD 71 million

The General Scheme of gas supply and gasification of Irkutskaya Oblast implemented



Newly discovered fields in 2005-2007

Exploration regions in Krasnoyarsky Krai



Exploration regions in Irkutskaya Oblast



The beginning of the Eastern Gas Program realization

## Japan-Russia Energy and Environment Dialogue in Niigata

The beginning of the Eastern Gas Program realization



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