

MINERAL AND RAW MATERIAL BASE DEVELOPMENT

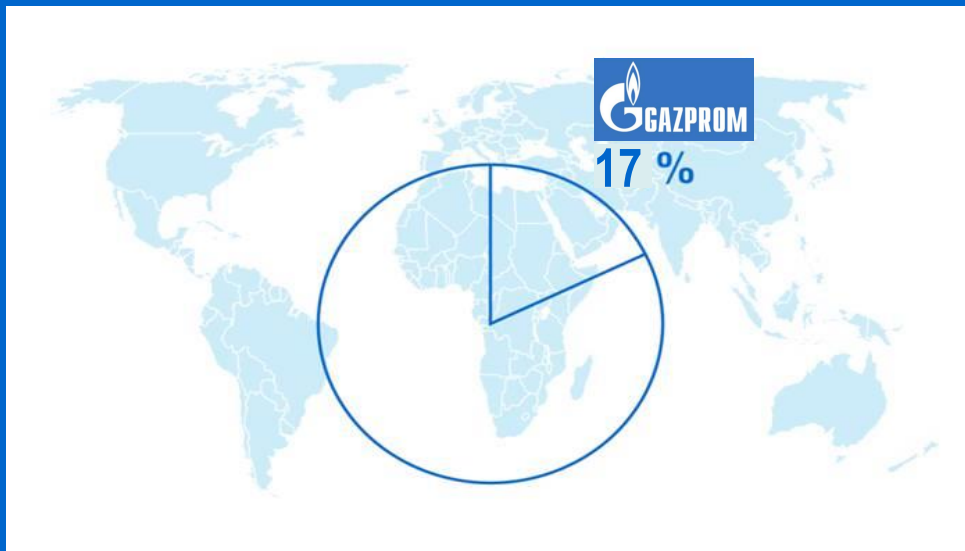
GAS PRODUCTION

GAS TRANSMISSION SYSTEM DEVELOPMENT

Distribution of Explored Gas Reserves (A+B₁+C₁) as of January 1, 2017

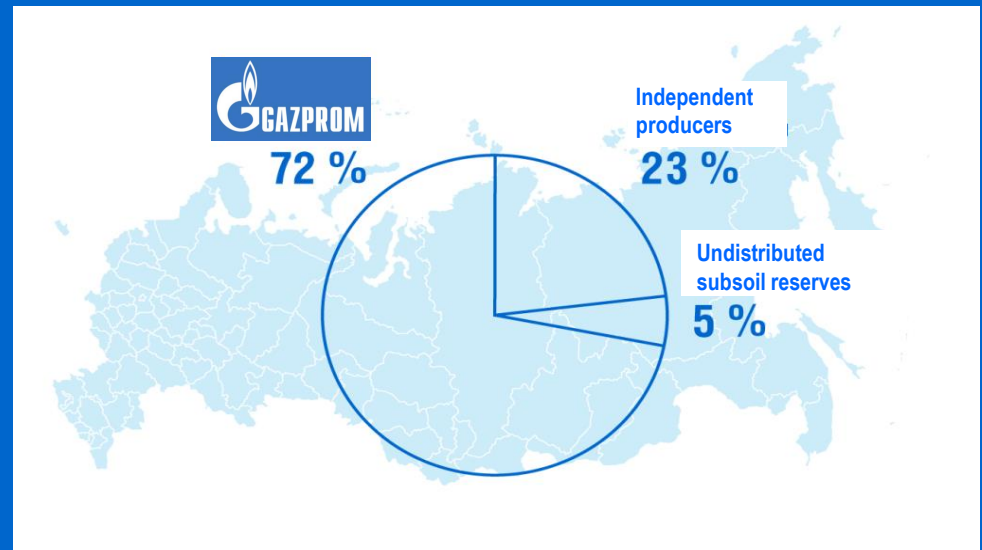
Gazprom's share in global gas reserves

17%



Gazprom's share in Russian gas reserves

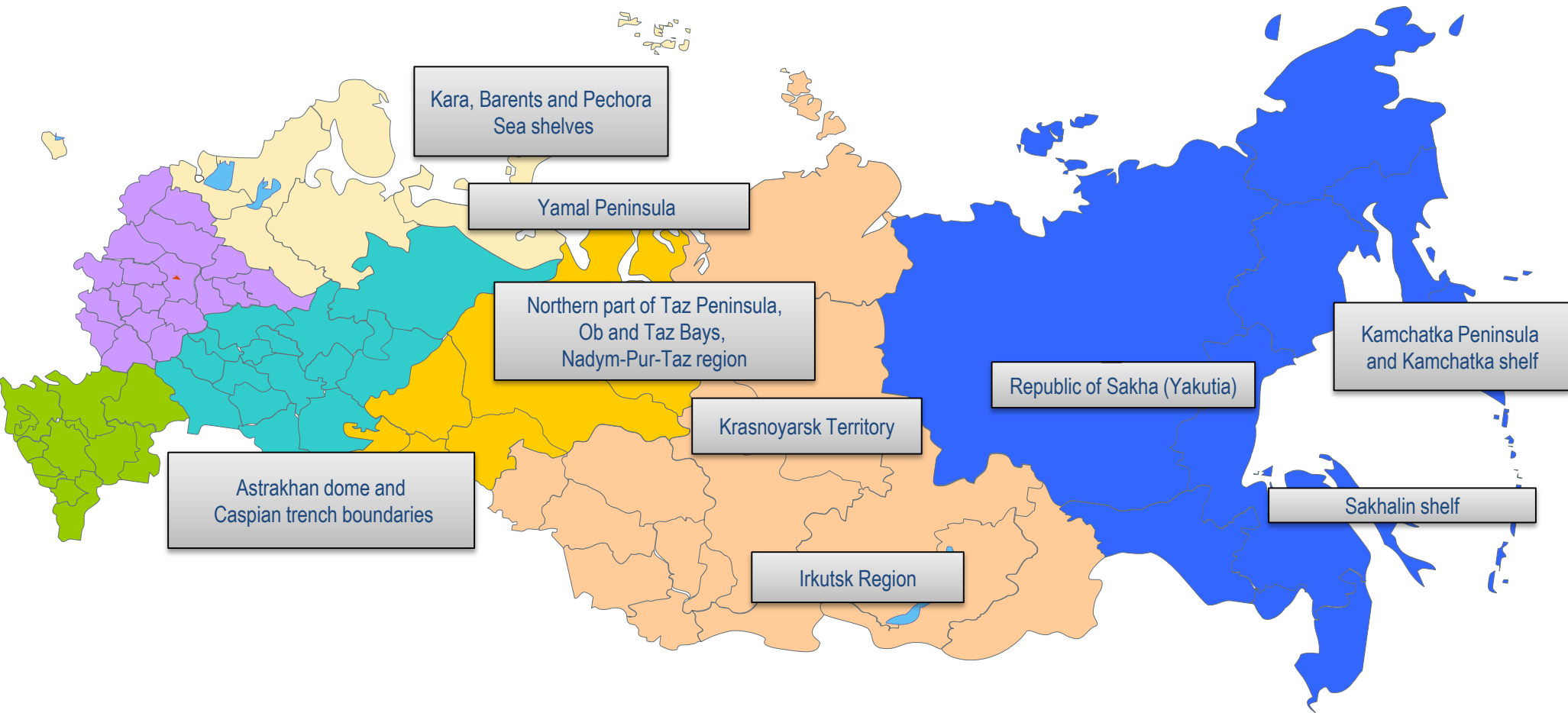
72%



Gazprom's A+B₁+C₁ reserves

amount to **36.4 trln m³** of gas

Main Exploration Areas in Russian Federation



Gazprom Group's reserves under Russian classification

	Gas, bln m ³		Condensate (recoverable), mln t		Oil (recoverable), mln t	
	AB ₁ C ₁	B ₂ C ₂	AB ₁ C ₁	B ₂ C ₂	AB ₁ C ₁	B ₂ C ₂
January 1, 2016	36,147.3	9,484.7	1,499.5	628.3	2,082.0	1,604.1
January 1, 2017	36,443.9	8,982.2	1,534.9	605.2	2,078.5	1,604.7

Gazprom Group's proven and probable reserves under international classification (PRMS)

	Gas, bln m ³	Condensate, mln t	Oil, mln t
January 1, 2016	23,705.0	933.3	1,355.4
January 1, 2017	23,855.1	1,018.9	1,378.7

Gazprom's Operations Abroad



 Hydrocarbon production

 Hydrocarbon prospecting and exploration

Indicators	Explored area, thous. m	Number of constructed wells	3D seismic survey, thous. km ²	2D seismic survey, thous. linear km	Exploration budget (VAT incl.), RUB bln	Addition of explored reserves		
						Gas, bln m ³	Condensate, mln t	Oil, mln t
TOTAL, including	121.3	48	21.4	2.6	91.7	457.4	38.0	19.3
Russian Federation	111.6	40	20.6	1.1	79.0	457.4	38.0	19.3
Foreign countries	9.7	8	0.8	1.5	12.7	-	-	-

Discoveries:

Zapadno-Chatylkinskoye

oil field in Yamal-Nenets Autonomous Area

(oil reserves: 10.4 mln t of C1 category;
6.6. mln t of C2 category)

Novosamarskoye

oil field in Orenburg Region

(oil reserves: 1.4 mln t of C1 category;
1.7 mln t of C2 category)

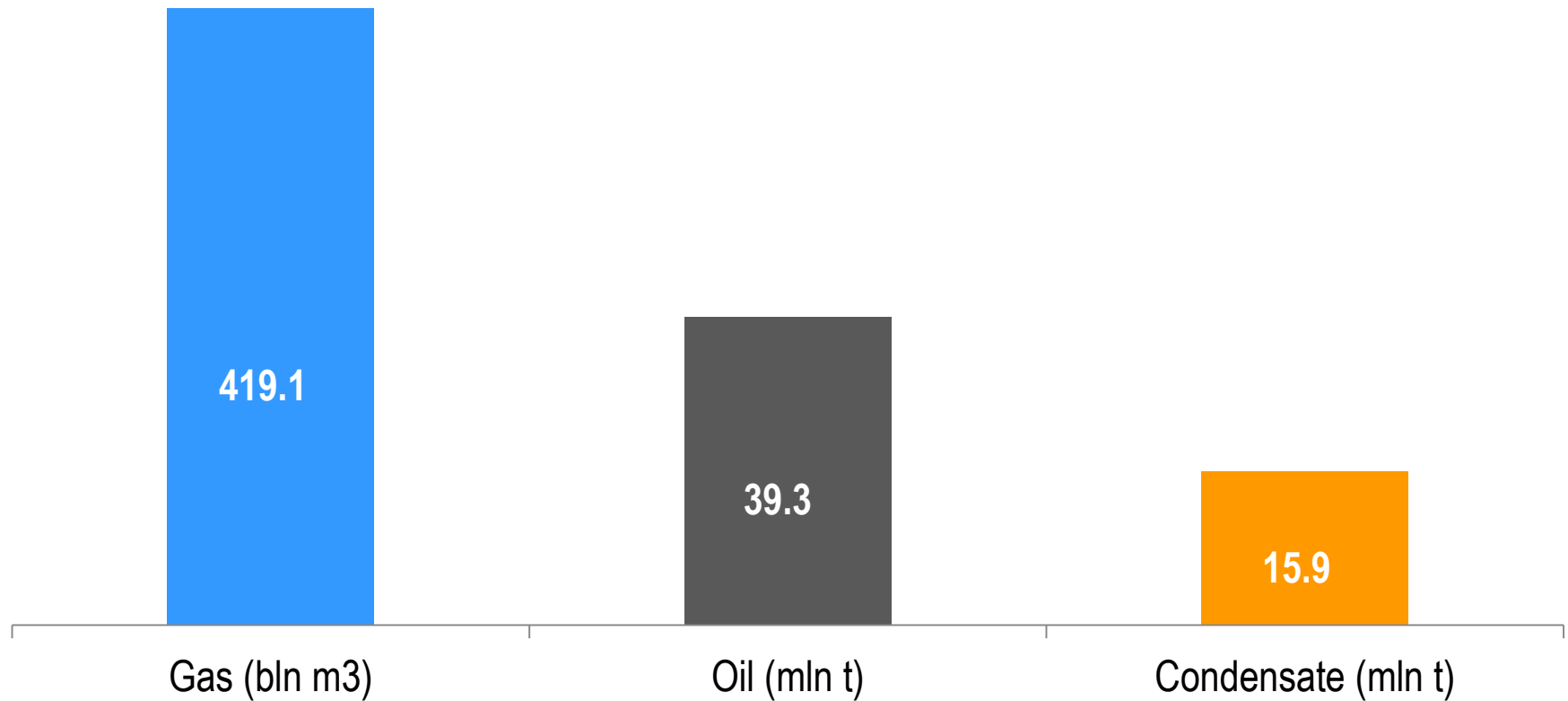
Discoveries:

15 new deposits within existing fields

with aggregate hydrocarbon reserves exceeding 55.9 mln t of fuel equivalent

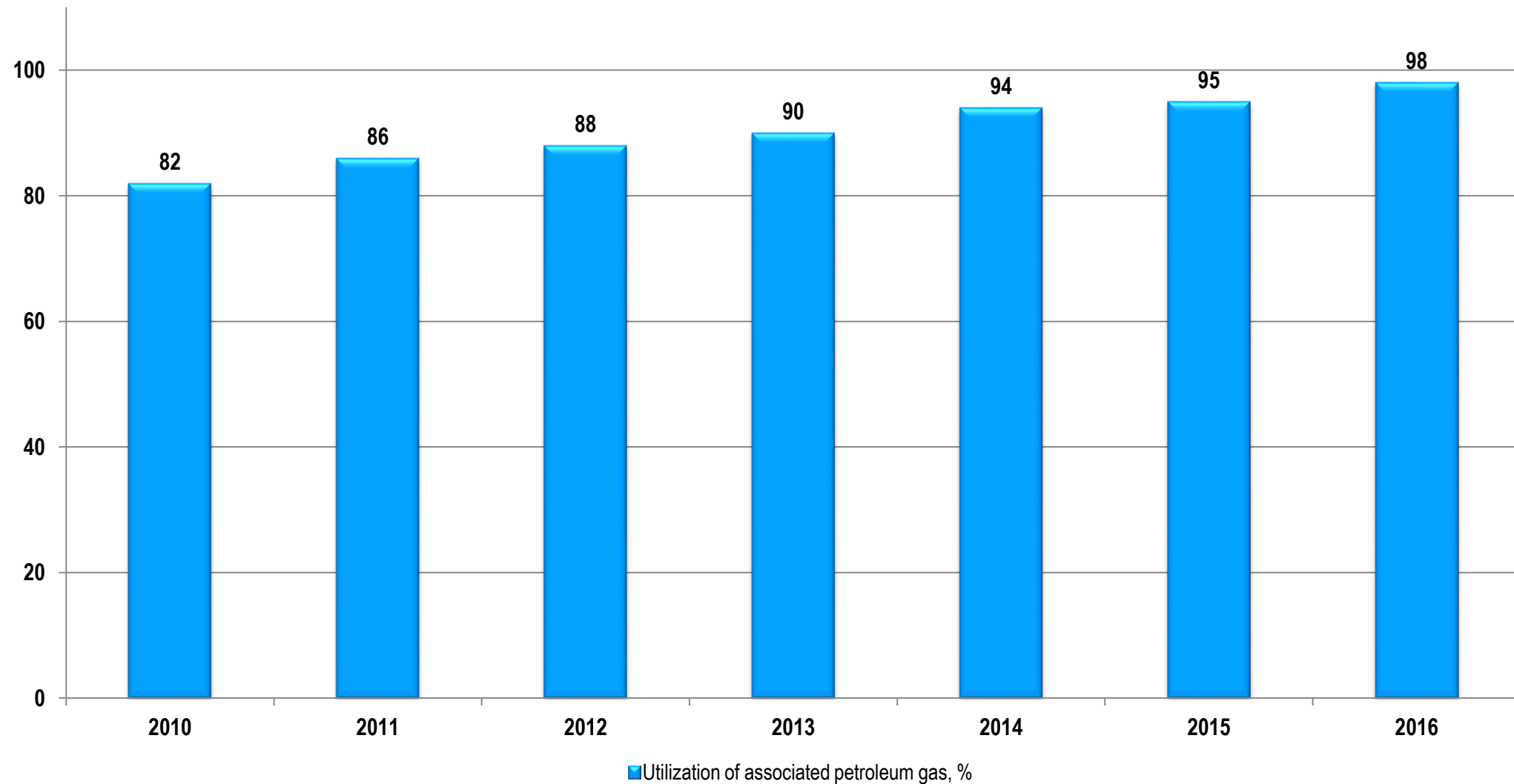
1st level strategic targets achieved

- gas reserve replacement ratio – 1.1
- aggregate gas reserves – 36.4 trln m³



* These data do not include the Gazprom Group's share in the production by the companies investments wherein are classified as joint operations.

Associated Petroleum Gas Utilization by Gazprom (excluding Gazprom Neft), %



Bovanenkovo – Ukhta – Torzhok Gas Transmission Corridor

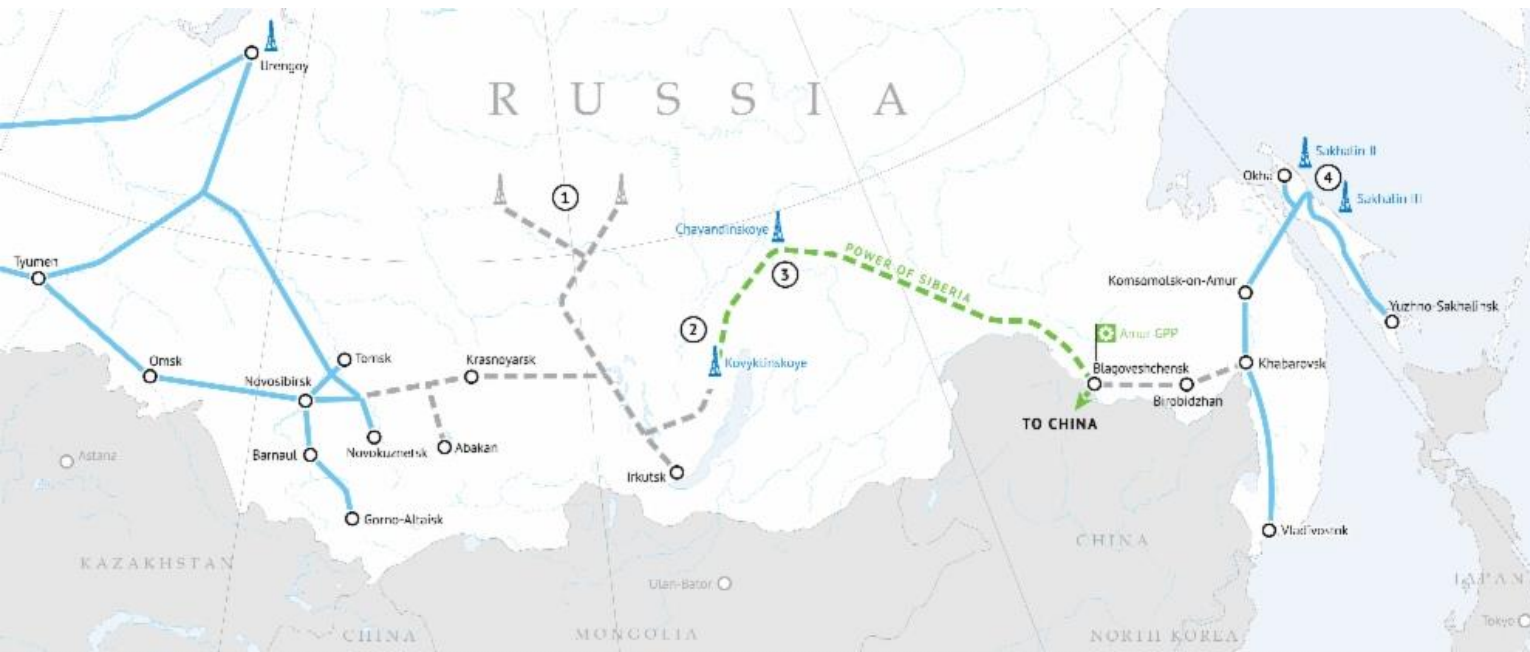
Length of corridor is above **2,400 km**.



Length of **Bovanenkovo – Ukhta** section is around **1,100 km**, annual design capacity – up to **140 bln m³** of gas.

Length of **Ukhta – Torzhok** section is around **1,300 km**, annual design capacity – **90 bln m³** of gas.



Power of Siberia Gas Pipeline



-  Gas pipelines in operation
-  Ongoing projects
-  Prospective gas pipelines
- Gas production centers**
- ① Krasnoyarsk ② Irkutsk ③ Yakutia ④ Sakhalin
-  Fields

Length – around **3,000 km.**

Diameter – **1,420 mm.**

Pressure – **9.8 MPa.**

Annual export capacity –
38 bln m³ of gas.

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Key Performance Indicators of UGS Facilities by 2016/2017 Withdrawal Season

Addition by 2015/2016 season

	UGS facilities in Russia	UGS facilities in Belarus	UGS facilities in Armenia
- working gas capacity, <i>bln m³</i>	72.098 (+0.080)	1.090 (+0.020)	0.130 (+0.009)
- maximum daily deliverability, <i>mln m³</i>	801.3 (+11.4)	34.0	6.0

Map of Gazprom's UGS Facilities

