Peoples' Friendship University of Russia

CPMI CORPORATE AND PROJECT MANAGEMENT RESEARCH INSTITUTE

Russian greatest projects

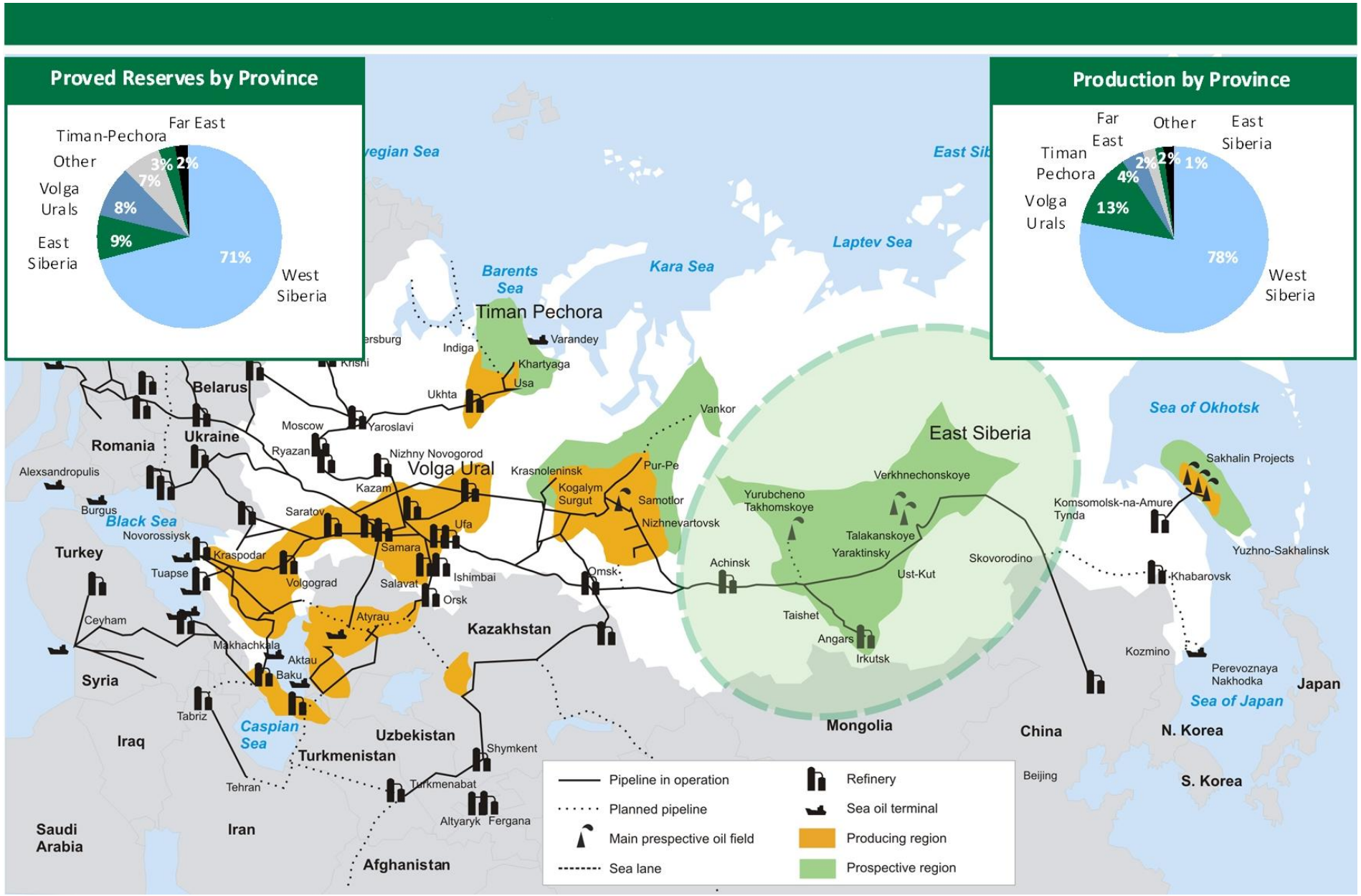
Russian Federation (Russia, RF)

Population: 143,800,000 (estimated in 2014)
Area: 17,098,242 km^2
Density: 8,4 per 1 km^2
Water: 13% of global water resources
GDP: $2,092 trillion (estimated in 2014)
Languages: Russian and more then 27 others

European Union

Population: 505,665,739 (for 2013)
Area: 4,381,376 km^2
Density: 116.2 per 1 km^2
Water: 3% of global water resources
GDP: $18,451 trillion (estimated in 2014)
Languages: 24

Major Russian oil & gas basins



Urengoy–Pomary–Uzhgorod pipeline
(also known as the **West-Siberian Pipeline** or **Trans-Siberian Pipeline)**

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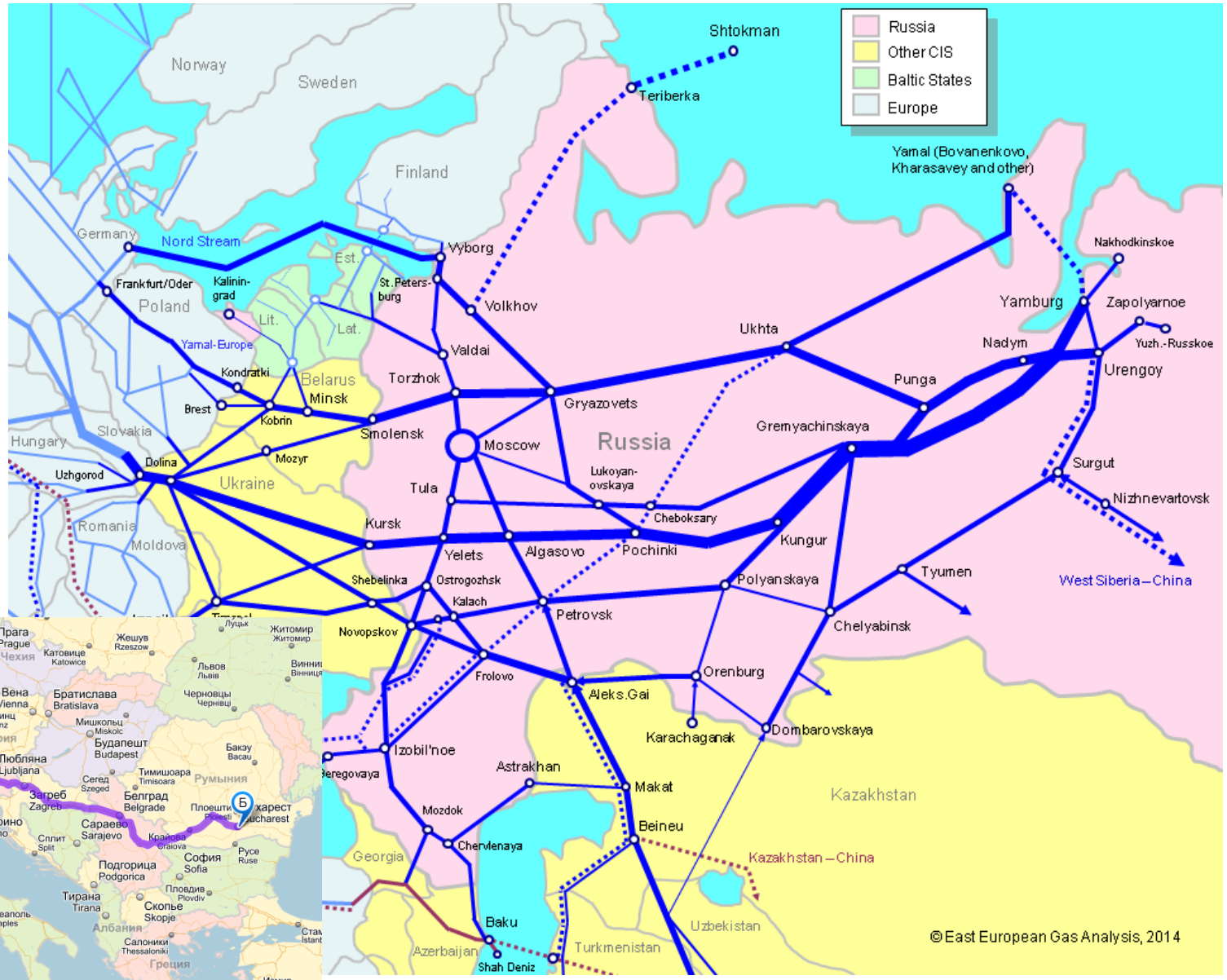
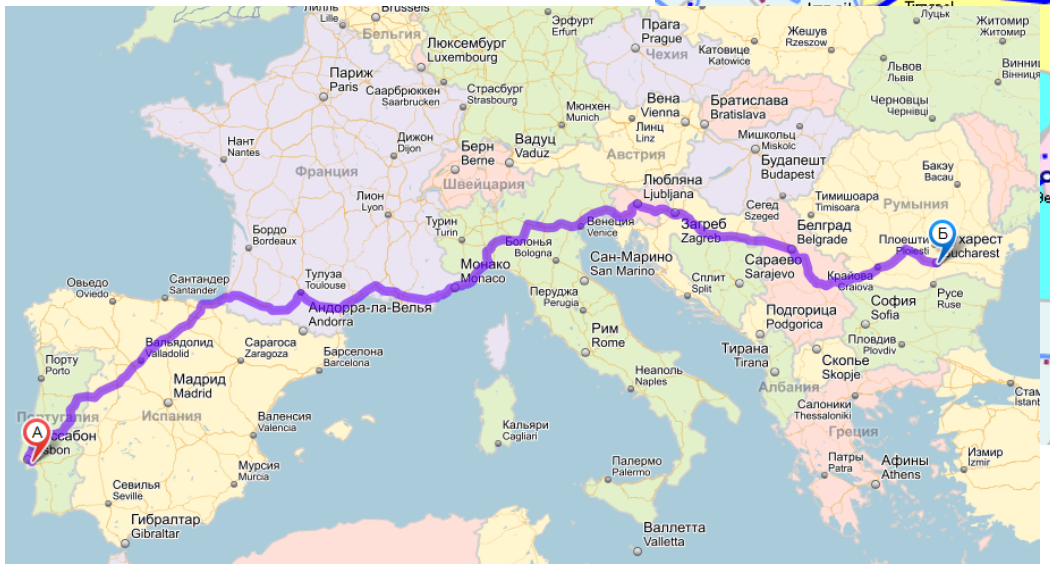
Technical information

Length:
4451 km
Pipe diameter:
1 420 mm
Maximum discharge:
32×10^9 m^3 per year
Operator:
Gazprom, UkrTransGaz
Years of construction:
1981-1984





Urengoy–Pomary–Uzhgorod pipeline
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The average annual temperature of Russian North (YNAO) is negative - reaches -10°C. Minimum winter temperatures drop to -70°C.
But In July, temperature may increase throughout to +30°C.

Urengoy–Pomary–Uzhgorod pipeline
(also known as the **West-Siberian Pipeline** or **Trans-Siberian Pipeline)**

Baikonur Cosmodrome

<u>Technical information</u>

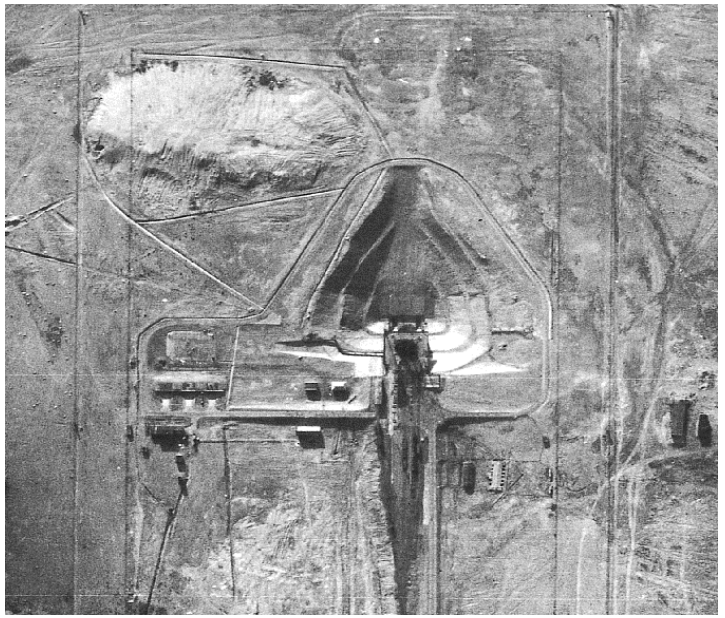
Area: 6717 km²

Years of construction:

1955-1957

1st cosmodrome of world

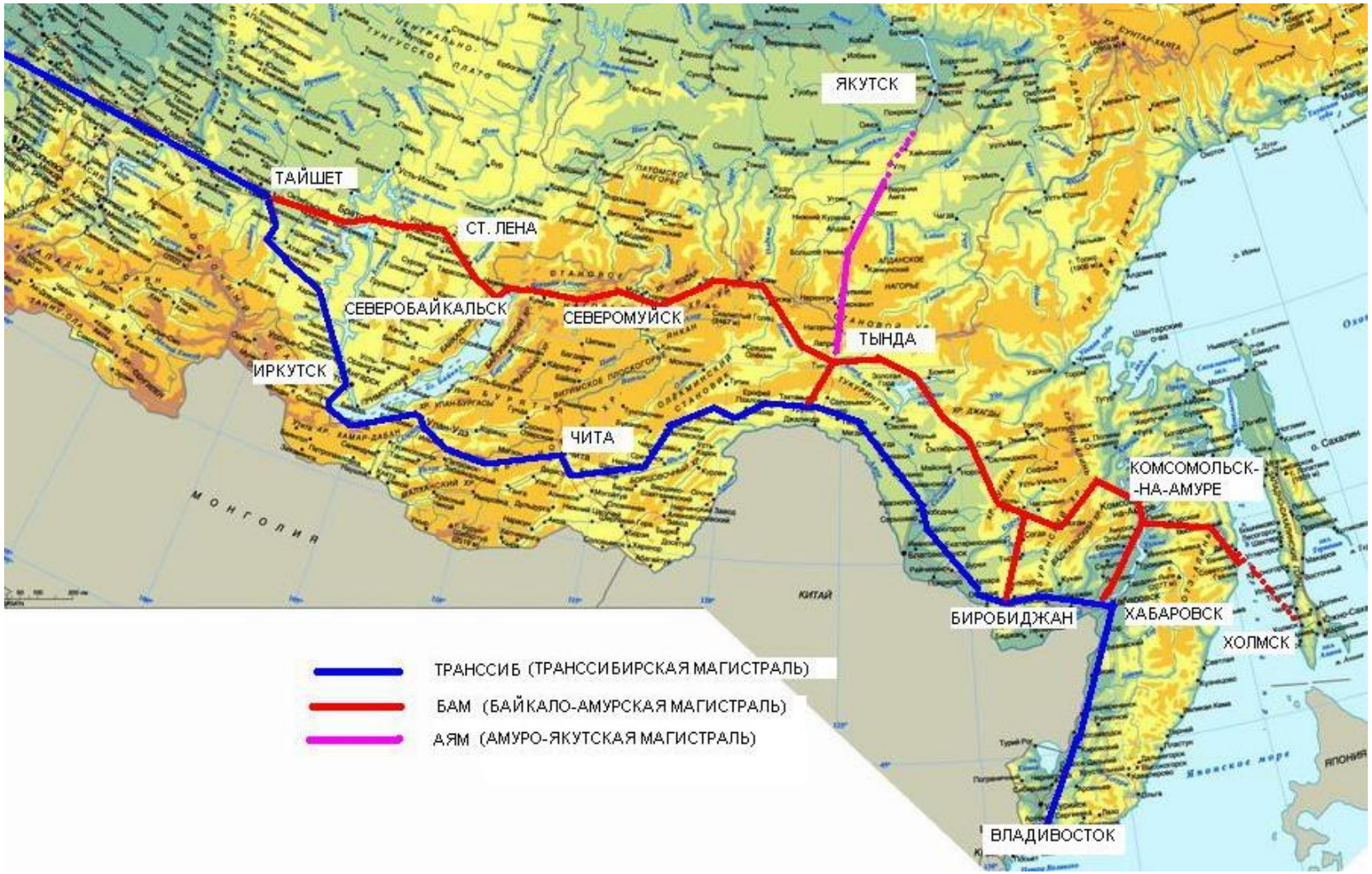
more than 15 launches per year



Baikal–Amur Mainline (BAM)

<u>Technical information</u>

Length:
4,324 km
Type of railway:
Broad gauge (5 ft), permafrost
Cost:
$14 billion
Path crosses:
11 rivers, 7 mountain chains
Line consists of:
8 tunnels, 142 bridges, 200 railway stations
Freight transport:
10-12 million tons



The Trans Siberian Railway is shown in blue, the Baikal-Amur Mainline - in red and the Amur–Yakutsk Mainline is shown in pink

Baikal–Amur Mainline (BAM)

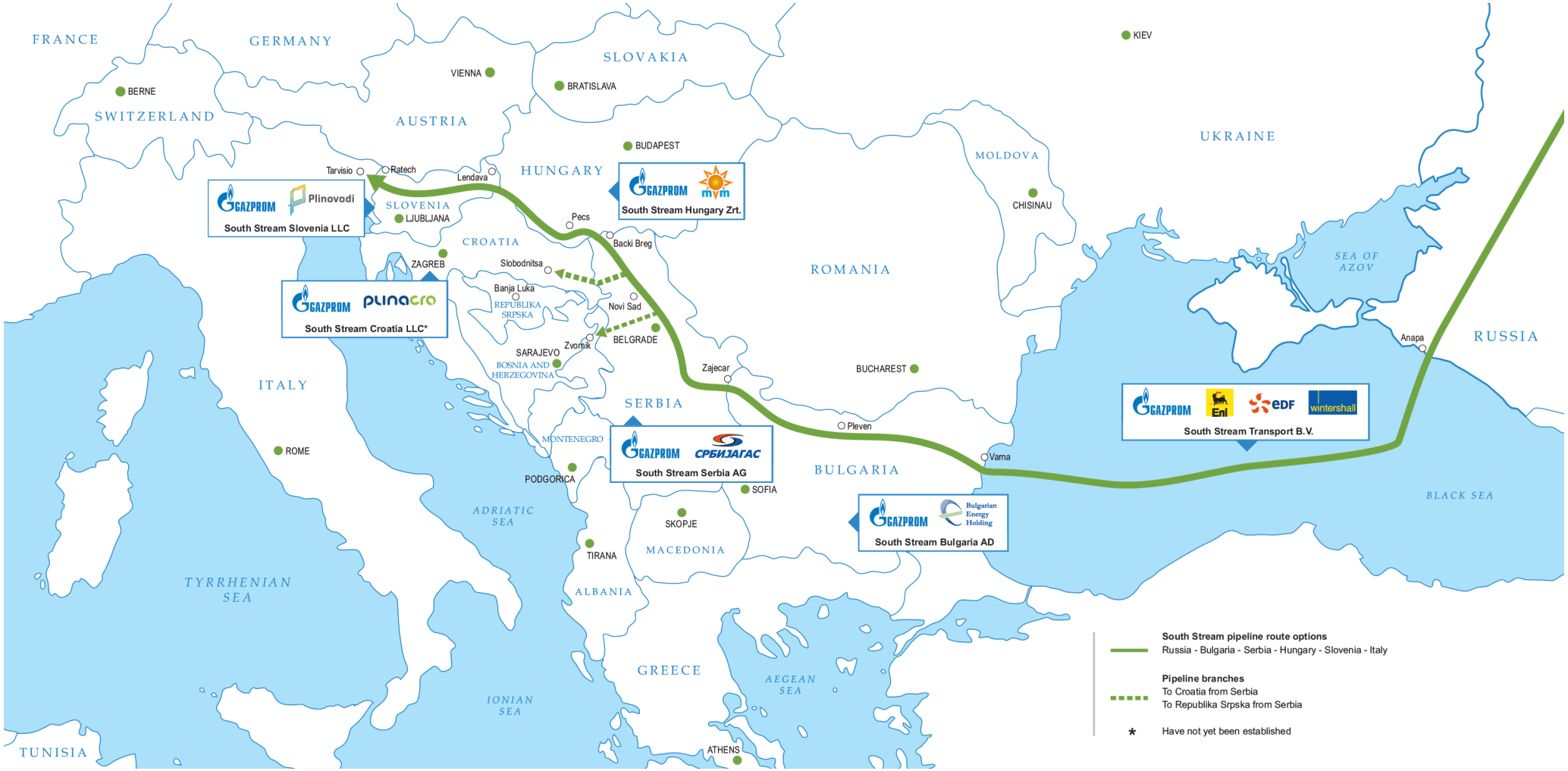
Baikal–Amur Mainline (BAM)

Tynda railway station

Fevralsk railway station

Tayshet railway station

South Stream



Technical information

Length: 2,380 km; maximum discharge: 63×10^9 m^3 per year; start of construction: 2012

Operator: South Stream Transport AG; partners: Gazprom, ENI, Wintershall Electricite de France

Vostochniy Cosmodrome

Technical information

Area: 551,5 km^2

Cost: $8,6 billion

Start of construction: 2011

Infrastructure:

1. airfield;
2. the oxygen-nitrogen plant;
3. hydrogen plant;
4. power systems;
5. 115 km of roads;
6. 155 km of railways: overall more then 3 thousand objects, which will run simultaneously up to 50 thousand employees;
7. a new city with 200 thousand inhabitants

Country	Launches (2014)
	17
	12
	5
	3
	2
	1
	1

2nd Cape Canaveral

3rd Kourou

Baikal–Amur Mainline 2 (BAM-2)

Technical information

Tasks:

reconstruction of 500 km of railways,
90 railway stations;
building of the new Baikal tunnel;
enlarging freight transport till 100 million tons

Cost: $17,4 billion

Advantages:

1. more then 500 thousand vacancies;
2. infrastructure for industry;
3. economic growth of regions

ВОСТОЧНО-СИБИРСКАЯ, ЗАБАЙКАЛЬСКАЯ, ДАЛЬНЕВОСТОЧНАЯ И САХАЛИНСКАЯ ЖЕЛЕЗНЫЕ ДОРОГИ

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