

Gazprom long-term positioning on internal and external markets

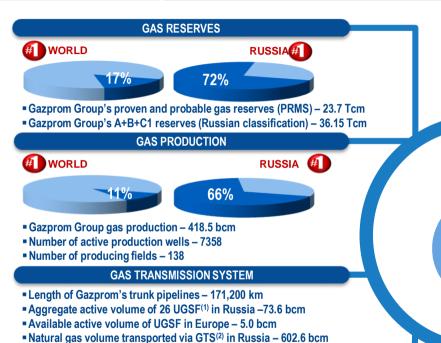
current and new production basins and related transportation infrastructure development

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29th round of Informal Russia-EU consultations on EU Regulatory Topics & 22nd meeting of the EU-Russia Gas Advisory Council's Work Stream on Internal Market Issues (WS2 GAC) 14 February 2017



Gazprom in Figures





GAS PROCESSING

- ■Volumes processed 31.2 bcm
- Liquids volume processed 67 mt

- (1) Underground gas storage facility
- (2) Gas transmission system

Source: GAZPROM Annual Report 2015, Factbook «GAZPROM in Figures 2015»

PERSONNEL

Number of employees - 462,400





GAZPROM'S HUGE HYDROCARBON RESERVES AND LONGEST RESERVE LIFE, BBOE

X bboe 2014 total proved reserves of hydrocarbons

(X yrs) Reserve life in years based on 2014 total proved reserves and 2014 production of hydrocarbons

Sources: Bloomberg, Company's data Gazprom Group 123 bboe (40 yrs)



Supermajor Combined 99 bboe (14 yrs)



Major Emerging Markets Combined 102 bboe (17 yrs)



- Gazprom's reserves secure sustainable development and competitive ability in the near, medium and long term
- Optimization of geological exploration costs in order to increase efficiency

Strategic tasks of Gazprom's gas business

Exploration & Production

- New production regions development:
 - Yamal peninsula
 - Eastern Siberia & the Far East
 - Russian continental shelf
- Prioritize development of fields located close to existing UGSS infrastructure

Transportation & UGS

- Development and modernization of the UGSS
- GTS development in the new production regions and Eastern Russia
- Diversification of the export pipeline routes:
 - Western direction
 - Eastern direction
- Storage capacities buildup

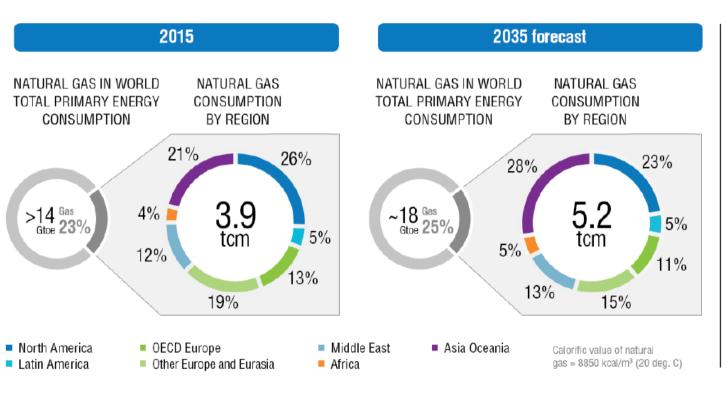
Distribution & Marketing

- Retain current position in the Russian market
- Retain current position in the European market
- Diversify markets by entering into the most promising North-East Asian market
- Expand LNG business
- The development of new gas market niches (NGV fuel, bunkering)

Note: UGS is underground gas storage, UGSS is unified gas supply system



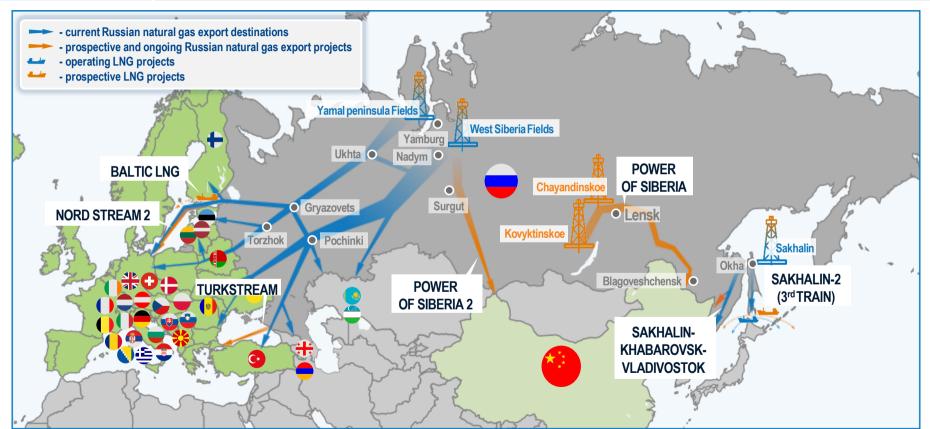
Total primary energy consumption and world gas demand



- Global primary energy demand is expected to grow over the next two decades at an average rate of 1.1% per year
- Natural gas is expected to increase its share in world energy mix from 23% in 2015 to 25% in 2035 to the detriment of oil and coal
- Global gas demand is expected to continue rising by an average rate of 1.6% per year until 2035
- Asia-Pacific is projected to replace North America as the main gas consuming market by 2035



Gazprom core infrastructure projects





Gas infrastructure development in the European part of Russia

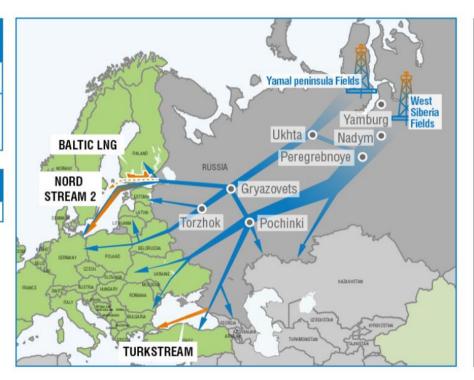
Transportation site	Commen- cement of operation	Length, km	Capacity, bcm/year
Pipeline "Nord Stream 2"	Dec. 2019	~1,200	27.5 x 2 (55)
Pipeline "TurkStream"	Oct. 10 , 2016 Intergovernm ental agreement signed	~910 (sea sector) ~180 (land sector)	15.75 x 2 (31.5)

LNG plant	Commencement of operation	Capacity, mmtpa
Baltic LNG	2021	2 x 5

Current Russian natural gas export destinations

Prospective and ongoing Russian natural gas export projects

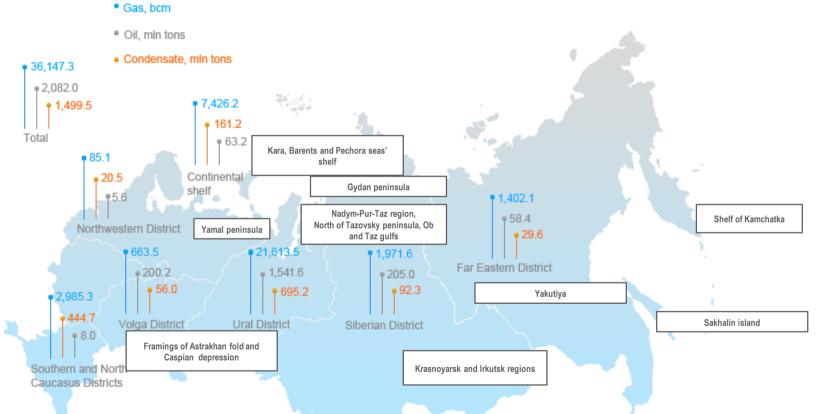




- In the European part of Russia, Gazprom initiated two export gas pipeline projects: "Nord Stream 2" and "TurkStream"
- Indicated projects are executed in line with the strategy of export route diversification and aimed at mitigation of transit risks and increasing reliability of Russian gas supplies



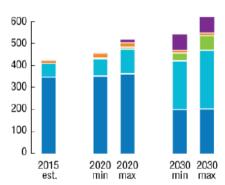
Gazprom – core areas for exploration in Russia





Gazprom – new upstream projects in Russia





- East Siberia and Far East fields
- Gazprom Neft
- Other new fields
- Yamal Megaproject
- Operating fields



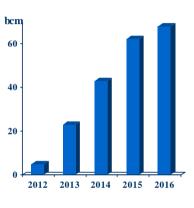
Gazprom's key greenfields gas projects	Commissioning and attainment of projected capacity	Plateau production, bcm/ year
Kharasaveiskoye	0004 0005	00
(cenoman-apt)	2021 – 2025	32
Kharasaveiskoye _(neocomian-jurassic)	2024 – 2027	18
Bovanenkovskoye		
(neocomian-jurassic)	2023 – 2027	25
Kruzenshternovskoe	2025 – 2029	33
Kamennomysskoye-sea	2023 – 2027	15
Severo- Kamennomysskoye		
	2025 - 2032	15
Yuzhno-Kirinskoye	2021 – 2034	21
Chayandinskoye	2018 – 2024	25
Kovyktinskoye (incl. Chikanskoye field)	2022 – 2026	35

Source: Factbook «GAZPROM in Figures 2015»



Gazprom – Yamal upstream development

BOVANENKOVSKOYE FIELD PRODUCTION



Operating gas pipelines

Projected gas pipelines and gas pipelines under construction

Wells, well clusters

COMBINED CAPEX FOR YAMAL PROGRAM DEVELOPMENT

2015E

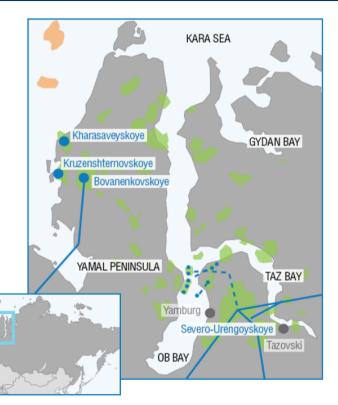
RUB 118.4 bln

2016F

RUB 216.7 bln

Continental fields

Offshore fields



Yamal megaproject:

Number of fields: 32

Total reserves & resources of all Yamal Peninsula fields:

- 26.5 tcm
- 1.6 b tons of gas condensate
- 300 m tons of oil

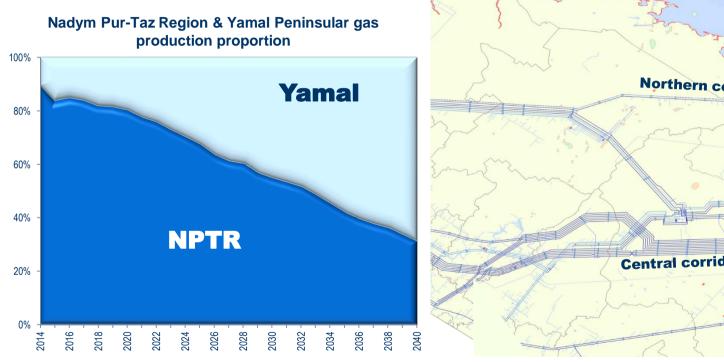
Production in Yamal:

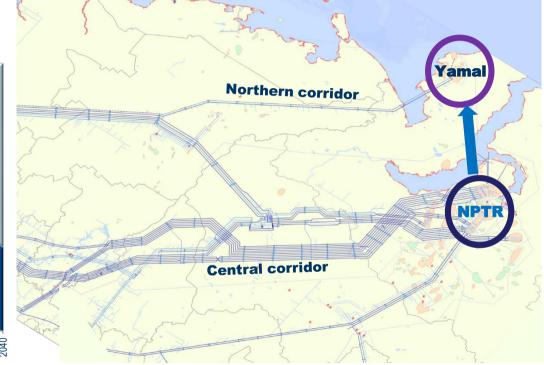
Nowadays concentrated in Bovanenkovskoye.

Prospects: up to 360 bcm/ a.



Gazprom's main resource base is shifting northward to Yamal

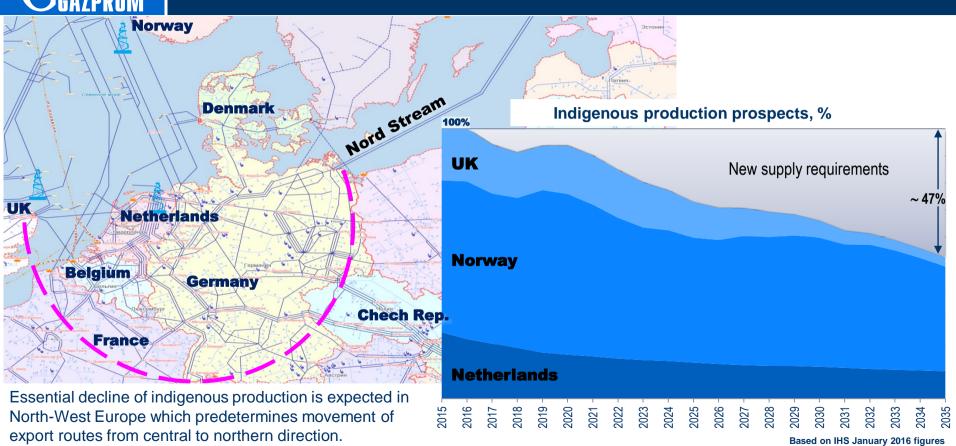




Due to the shift of Gazprom's resource base to the North the appropriate extensions need to be done in the Northern corridor.



Decline of indigenous production in Europe





Two routes comparison



Pipeline length via Nord Stream 2 is 1885 km shorter than via Ukraine system.

