

From Russia to Europe.

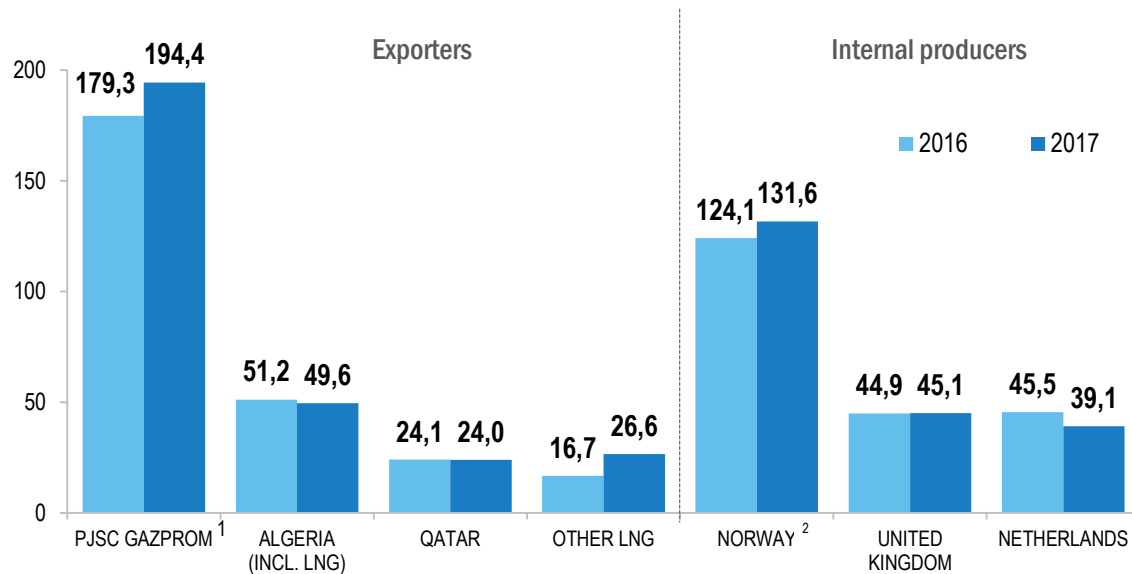
Gazprom's export strategy to Europe:
Ensuring security of supply vs challenges from US LNG
– where does Asia fit in and how high can exports go?

Elena Burmistrova

Director General, Gazprom Export

Amsterdam, 15 May 2018

Deliveries by Europe's major exporters and producers, bcm



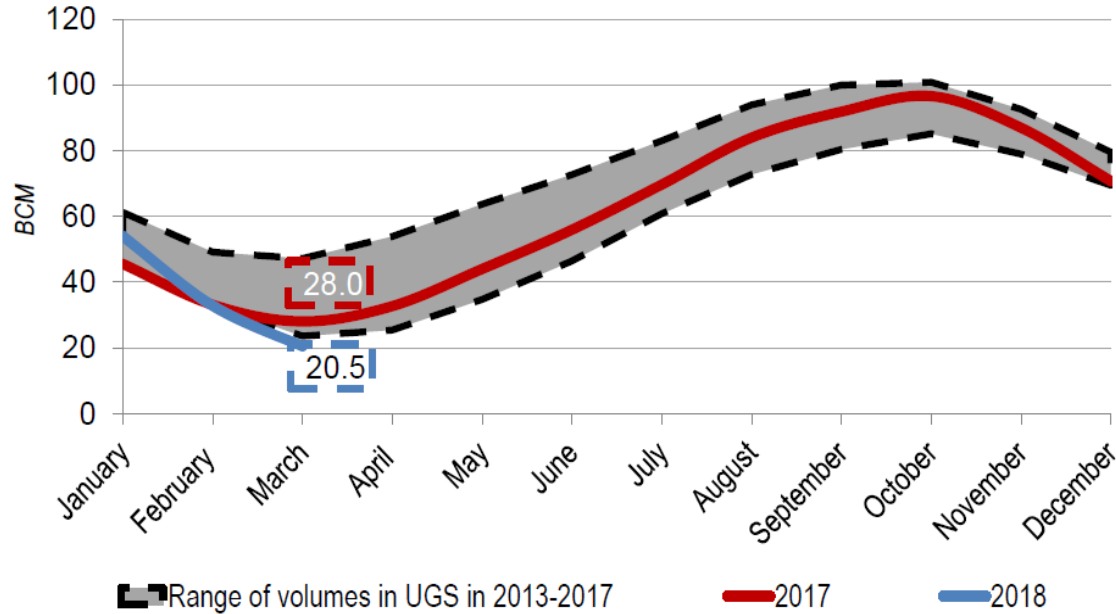
¹ Gas supplies under the contracts of Gazprom Export (192.2 bcm) and Gazprom Schweiz

² Including domestic consumption, pipeline and LNG deliveries from Norway to the European market, but not LNG to Asia and America

Source: PJSC Gazprom, Eurostat, National Statistics, IEA

In January – April 2018, Gazprom increased natural gas exports to Far Abroad countries to unprecedented 70.3 bcm

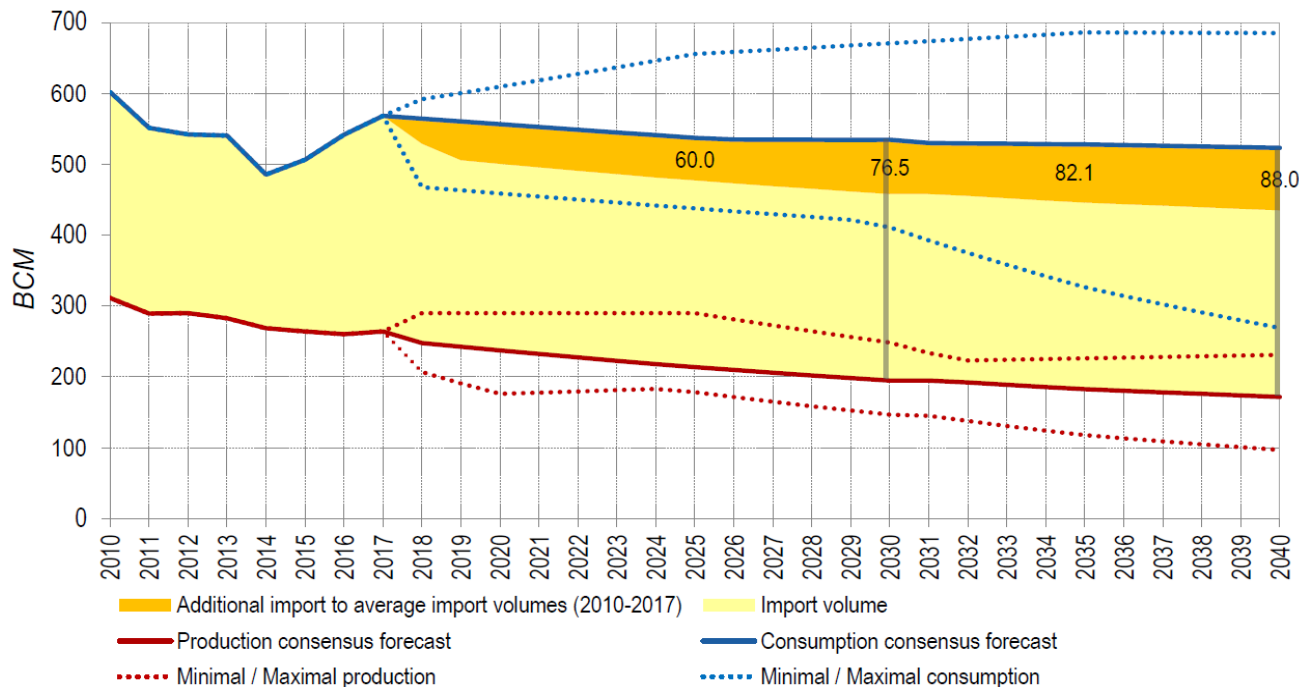
On 2 March 2018, Gazprom set an absolute record in terms of daily export deliveries at 713.4 mcm/d, demonstrating its robust ability of being a swing supplier at a time of demand spikes



According to Wood Mackenzie, by the end of 1st quarter 2018, gas reserves in European gas storages dropped to record minimum of 20.5 bcm which was 7.5 bcm less than in 2017 and 3.1 bcm less than the previous minimum set in 2013;

Source: Wood Mackenzie

ADDITIONAL GAS IMPORT NEEDS OF EUROPE IN 2030-2040



According to consensus forecast, additional imports needs of the EU will amount to:

77 bcm in 2030 r.
88 bcm in 2040 r.

Natural gas European demand and production gap is calculated as the difference between the demand consensus forecast and the production consensus forecast. Definition of European countries slightly differs from one forecast to another. For the purpose of comparison all forecasts and scenarios are restated on annual basis.

LNG IMPORTERS

- EXISTING
- POTENTIAL

GAZPROM'S LNG ASSETS

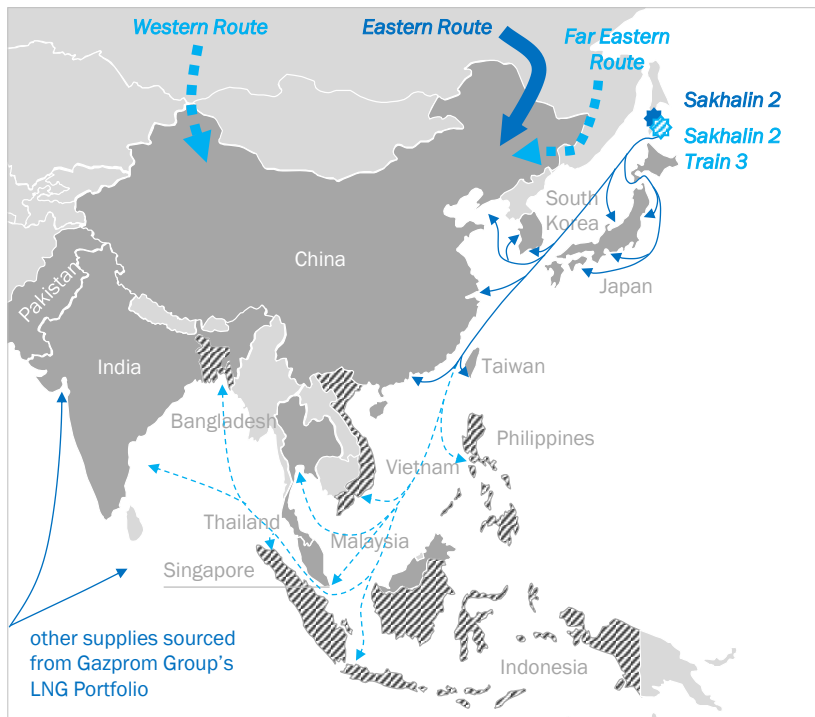
- EXISTING
- POTENTIAL

GAZPROM'S LNG SUPPLY ROUTES

- EXISTING
- POTENTIAL

GAZPROM'S PIPELINE NATURAL GAS SUPPLY ROUTES

- UNDER CONSTRUCTION
- POTENTIAL



Gazprom continues to expand its natural gas business in Asia Pacific by developing new projects for both LNG and pipeline gas deliveries.

Gazprom's pipeline gas deliveries to China start in December 2019. Power of Siberia gas pipeline construction goes ahead of the schedule.

Gazprom is committed to building a diversified LNG trading portfolio to continue reliable and timely deliveries of LNG to its customers.

Nord Stream 2



← EXISTING PIPELINE ← PERMITTING STAGE

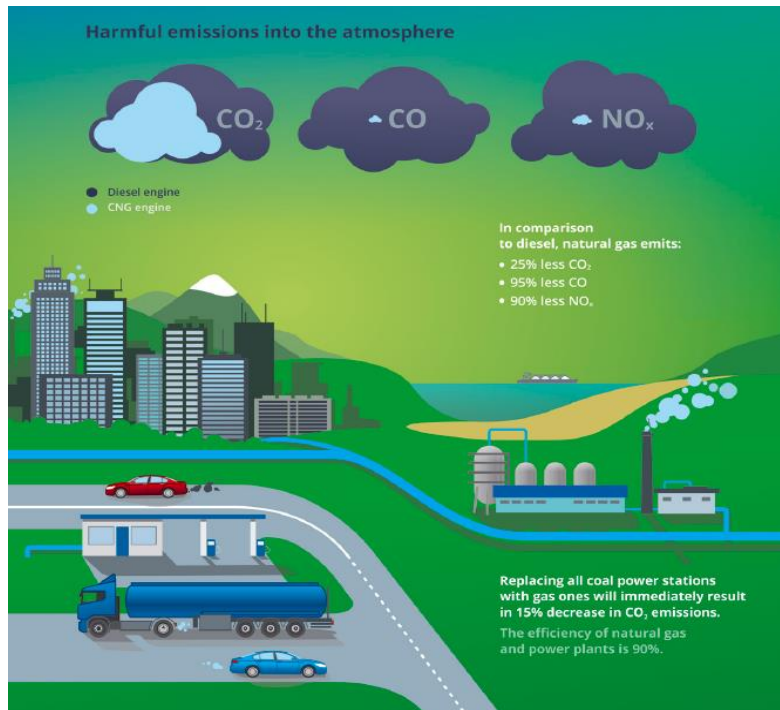
Export capacity, bcm	55
Length, km	>1,200
Construction start-up	2018
Commissioning date	2019

TurkStream



← EXISTING PIPELINE ← PIPELINE UNDER CONSTRUCTION

Export capacity, bcm	31.5
Length, km	>900
Construction start-up	2017 (Q2)
Commissioning date	2019



Without a reliable and flexible back-up to RES, the “Energy Transition” will result in higher costs and lower supply security

Natural gas drives competitiveness and creates economic growth

Natural gas ideally suits to fulfill ambitious climate goals of Europe

In the era of globalization, transborder gas trade creates commercial opportunities for governments and business and improves prosperity of people.

Thank you for attention!