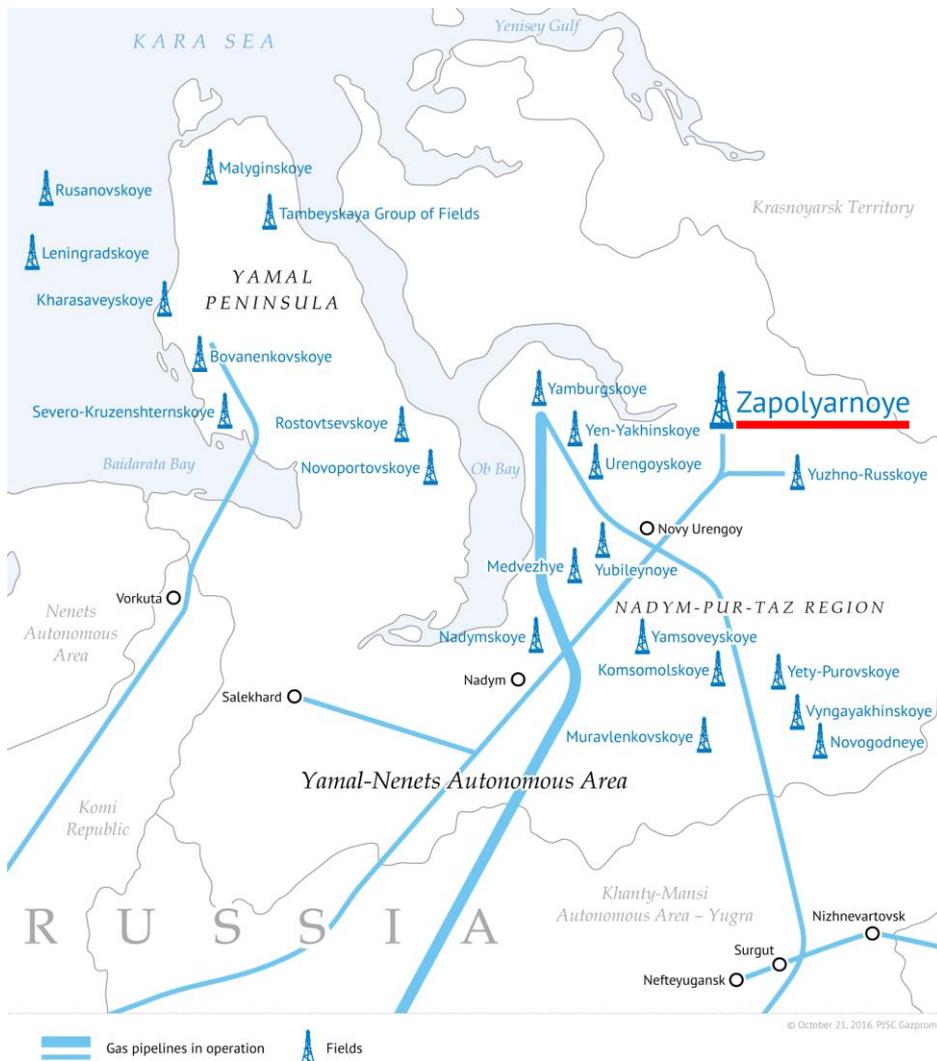


PRODUCTION AND TREATMENT OF GAS ON THE ZAPOLYARNOYE FIELD



General characteristics of the Zapolyarnoye field

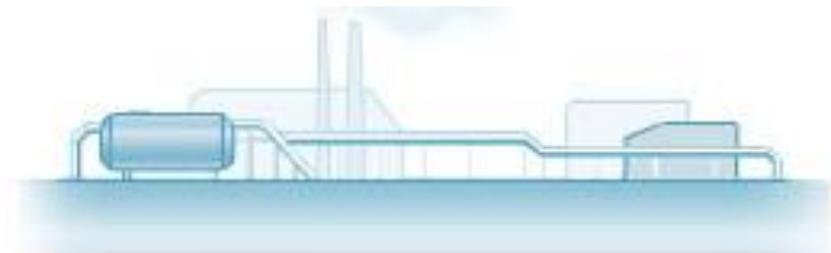


Discovered in 1965

Development started in 2001

Area of 1,245 km²

The field's initial A+B1 reserves:
3.594 trillion cubic meters of gas,
 around **61.1 million** tonnes of gas condensate and **14.3 million** tonnes of oil (recoverable)

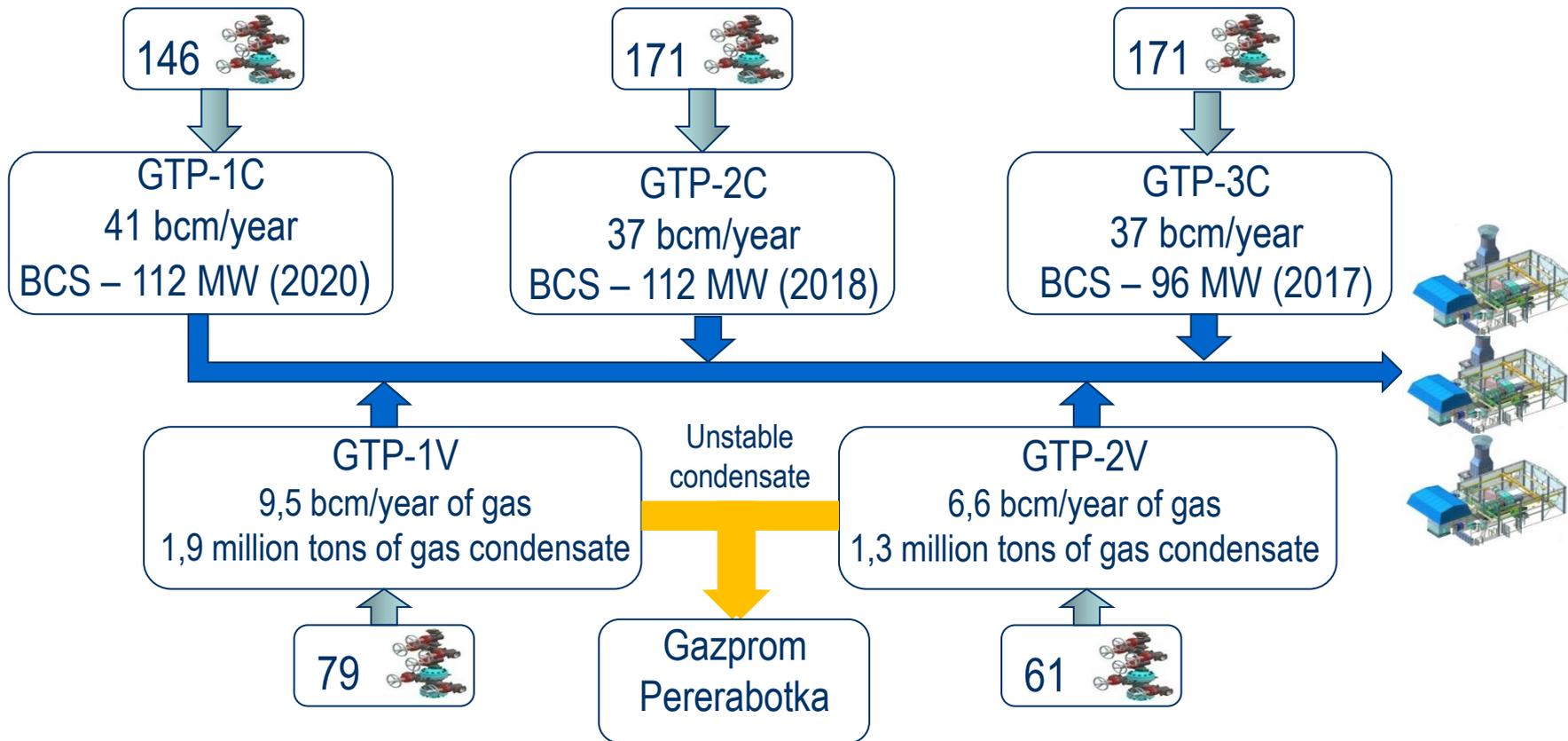


The Zapolyarnoye field extends for 50 km in length and 30 km in width.



- Minimum air temperature of -63°C
- Temperature of the cold five-day period up to -47°C
- Height of snow cover up to 5 meters
- Storm winds of more than 40 meters/s





GTP - gas treatment plant
BCS - booster compressor stations

DESIGN CAPACITY is 120 bcm/year of gas, 3.2 million tons of gas condensate



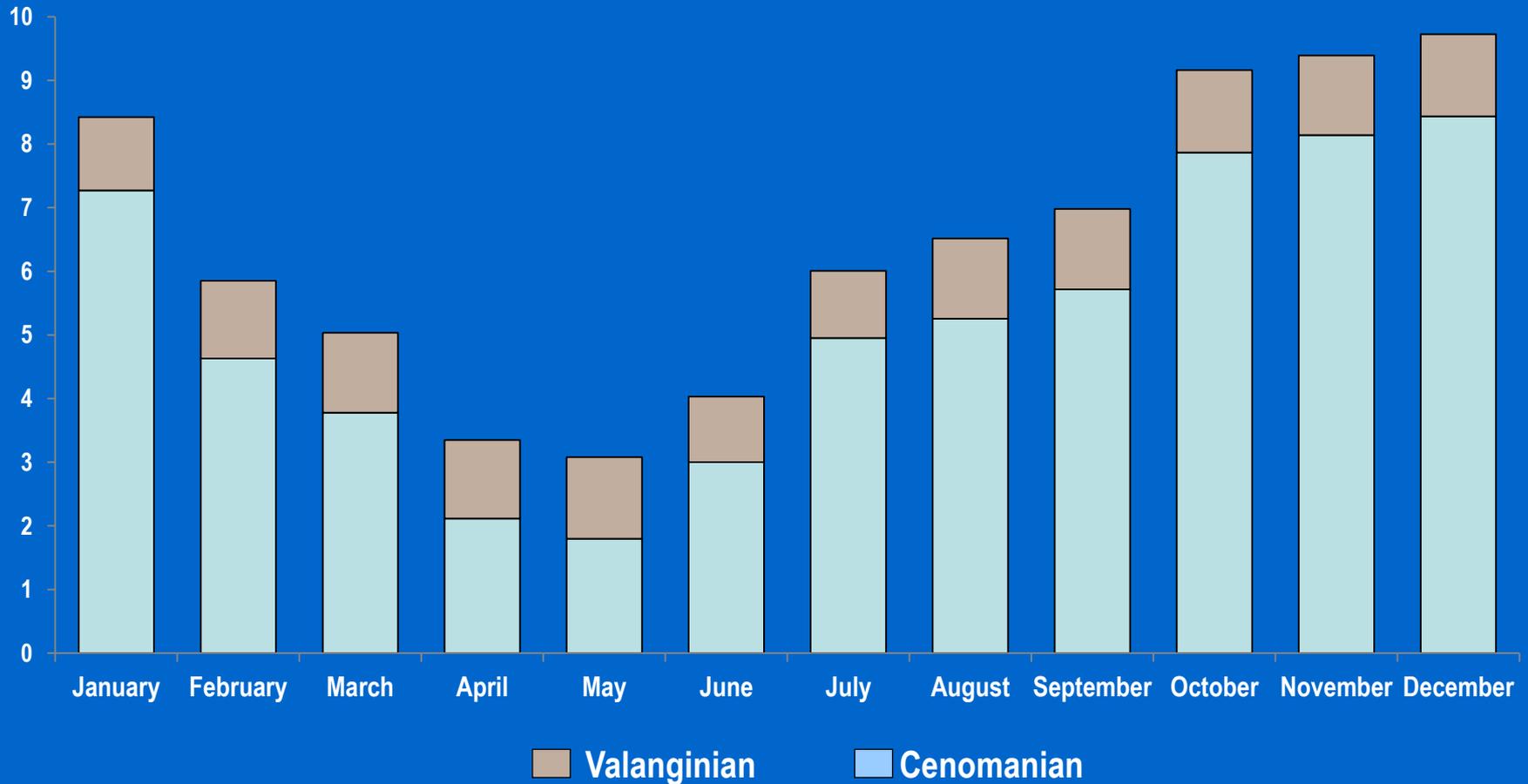
Cenomanian GTPs use the method of absorption drying.



Valanginian GTPs use the method of low-temperature separation.

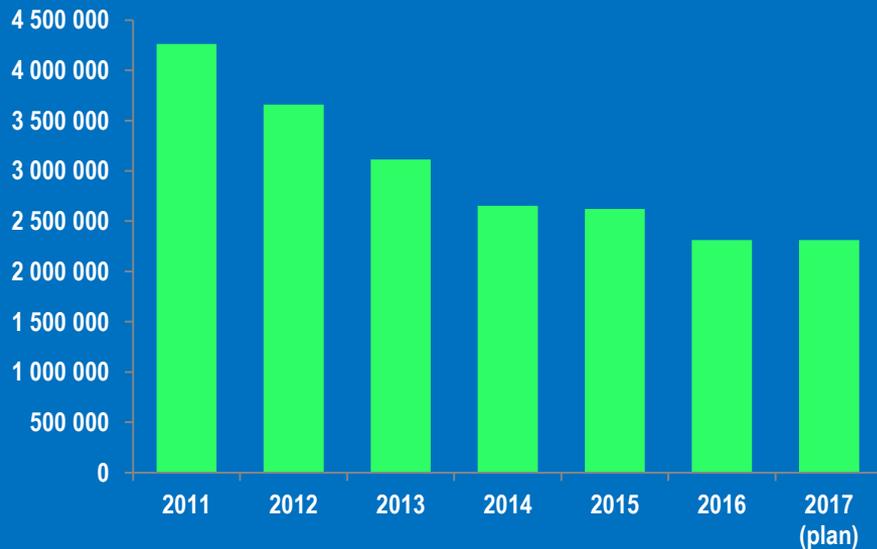
- Remote control system of gas well clusters;
- Active magnetic suspension system on turboexpanders;
- Mixers-turbulators;
- Compressor plants for weathering gases;
- Industrial television system.

Production dynamics in 2016, bcm/month





Gas emissions, CO₂-equiv, tons

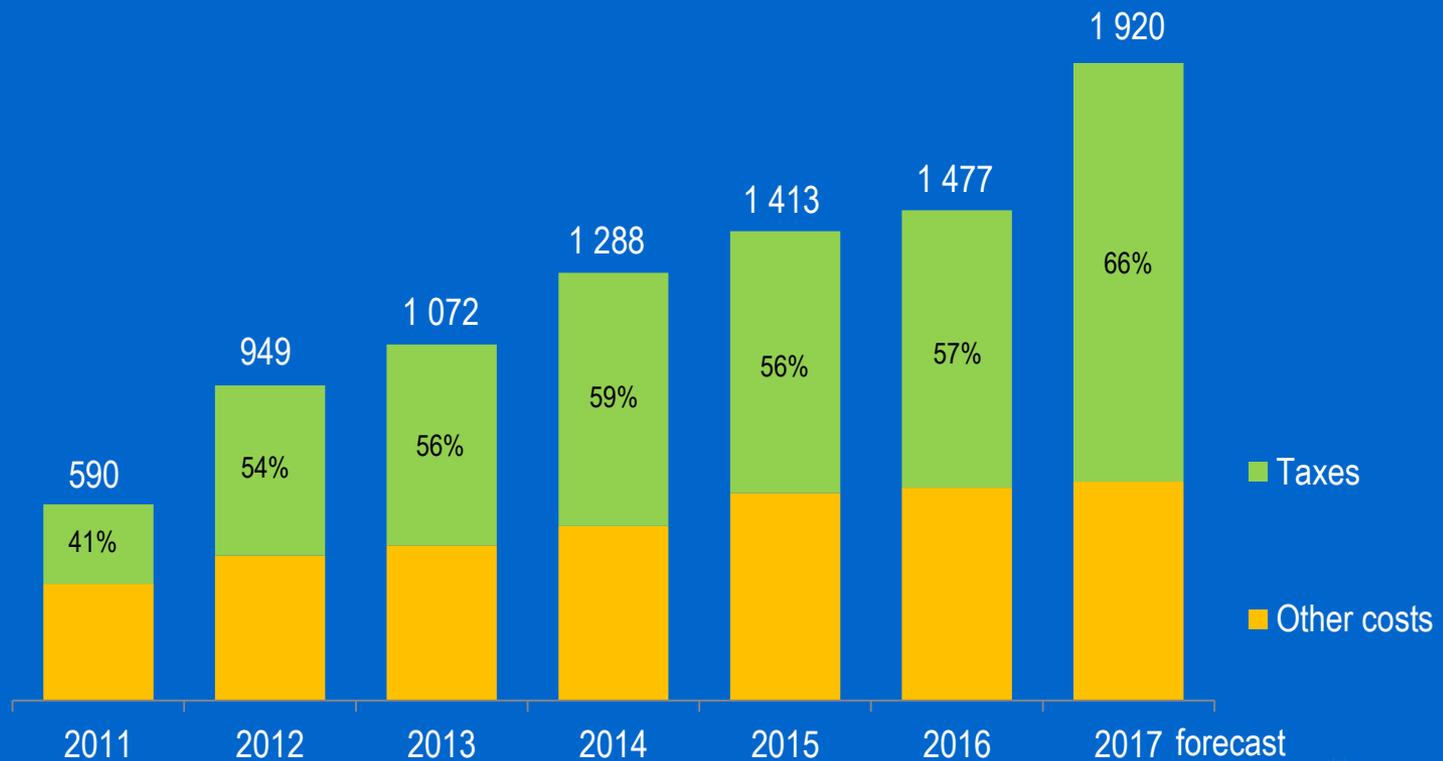


THE ENVIRONMENTAL MANAGEMENT STANDARDS SYSTEM OF ISO 14001: 2007 HAS BEEN INTRODUCED

Financial results

Gazprom Dobycha Yamburg LLC

Gas production unit cost (RUB / 1000 m³)





THANK YOU

FOR YOUR ATTENTION!

