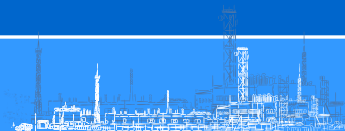


PRODUCTION AND TREATMENT OF GAS ON THE ZAPOLYARNOYE FIELD



General characteristics of the Zapolyarnoye field

Discovered in 1965

Development started in 2001

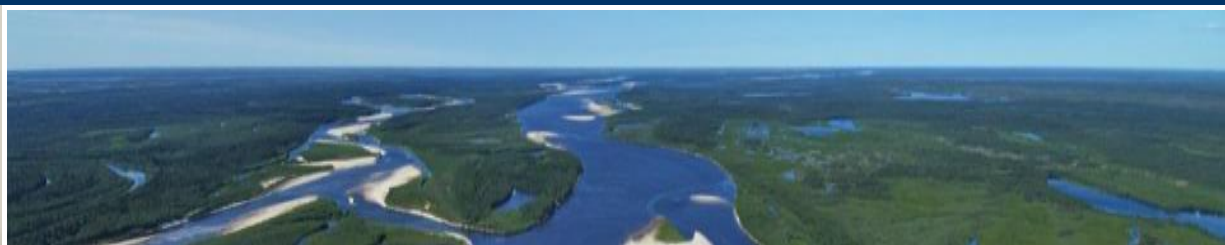
Area of 1,245 km²

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)



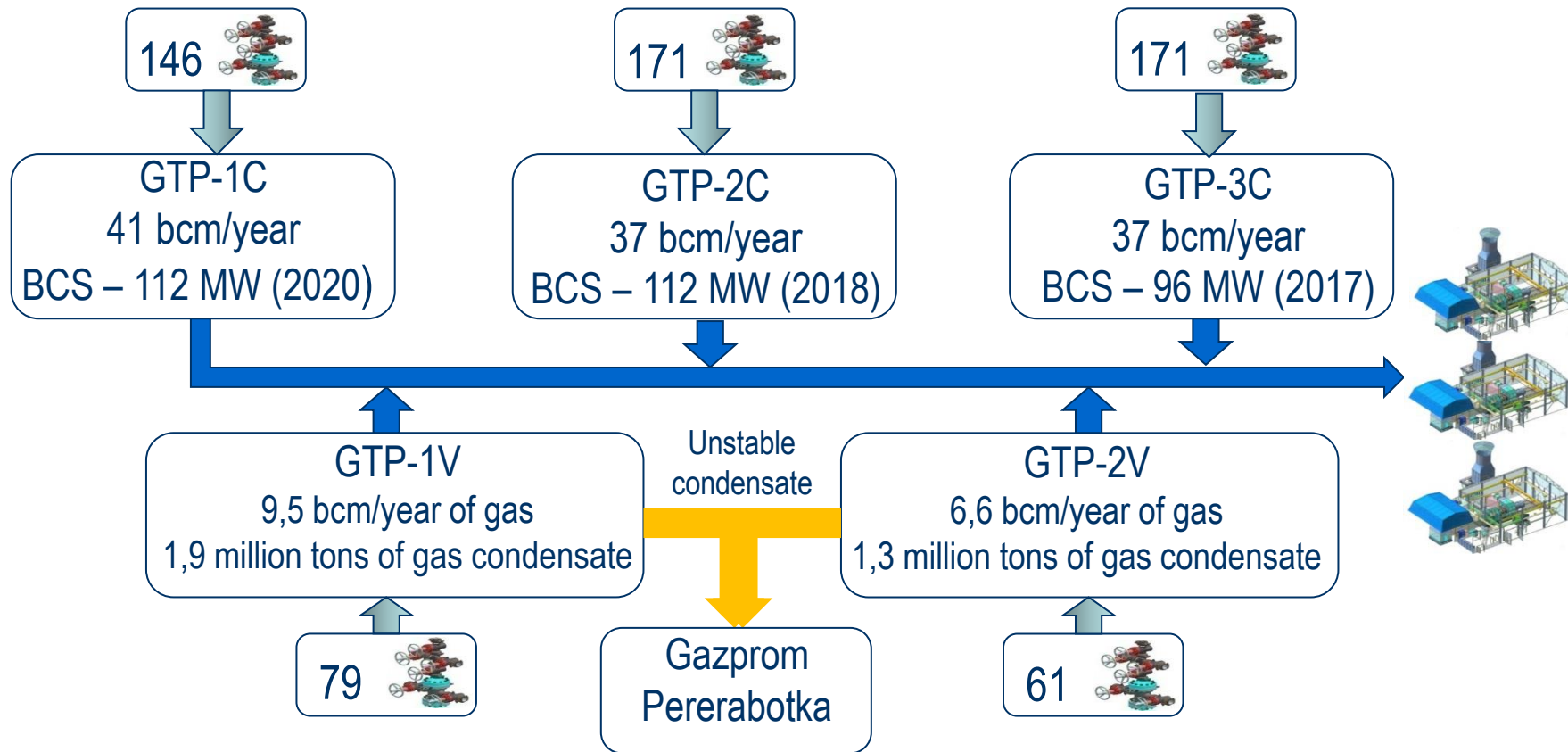
The Zapolyarnoye field extends for
 50 km in length and 30 km in width.

Development and construction. Climatic conditions.



- 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

Description of the technological process. Advanced technological methods



Cenomanian GTPs use the method of absorption drying.

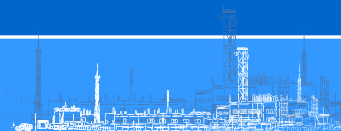
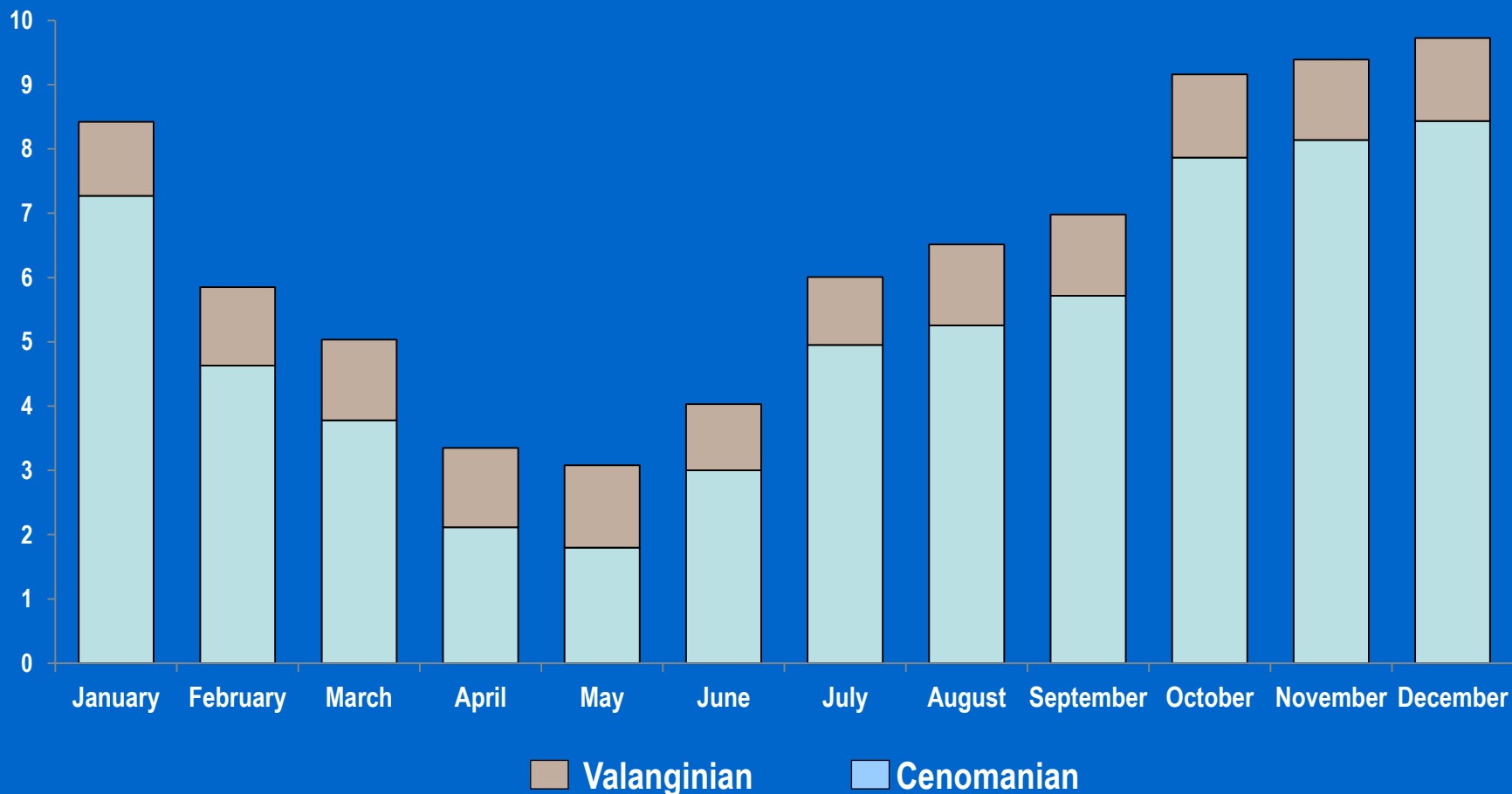


Valanginian GTPs use the method of low-temperature separation.

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

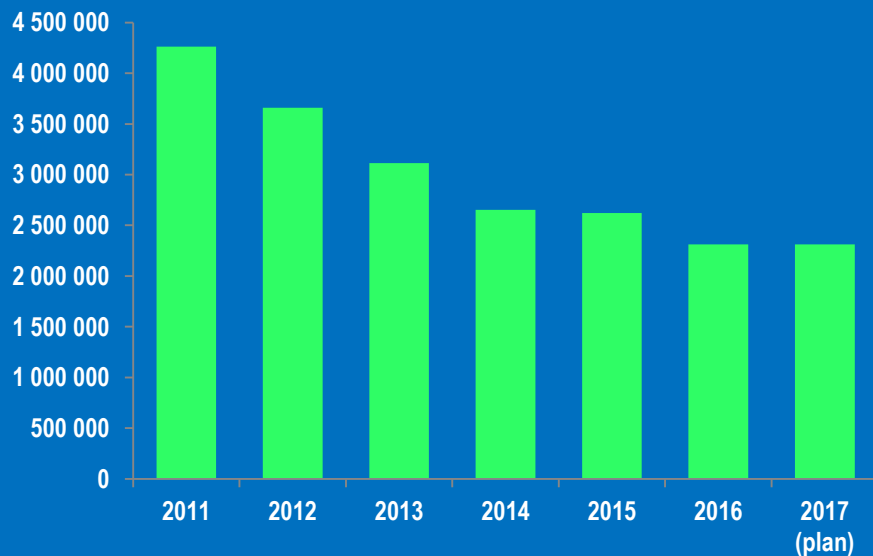
Characteristics of the extraction profile

Production dynamics in 2016, bcm/month





Gas emissions, CO₂-equiv, tons

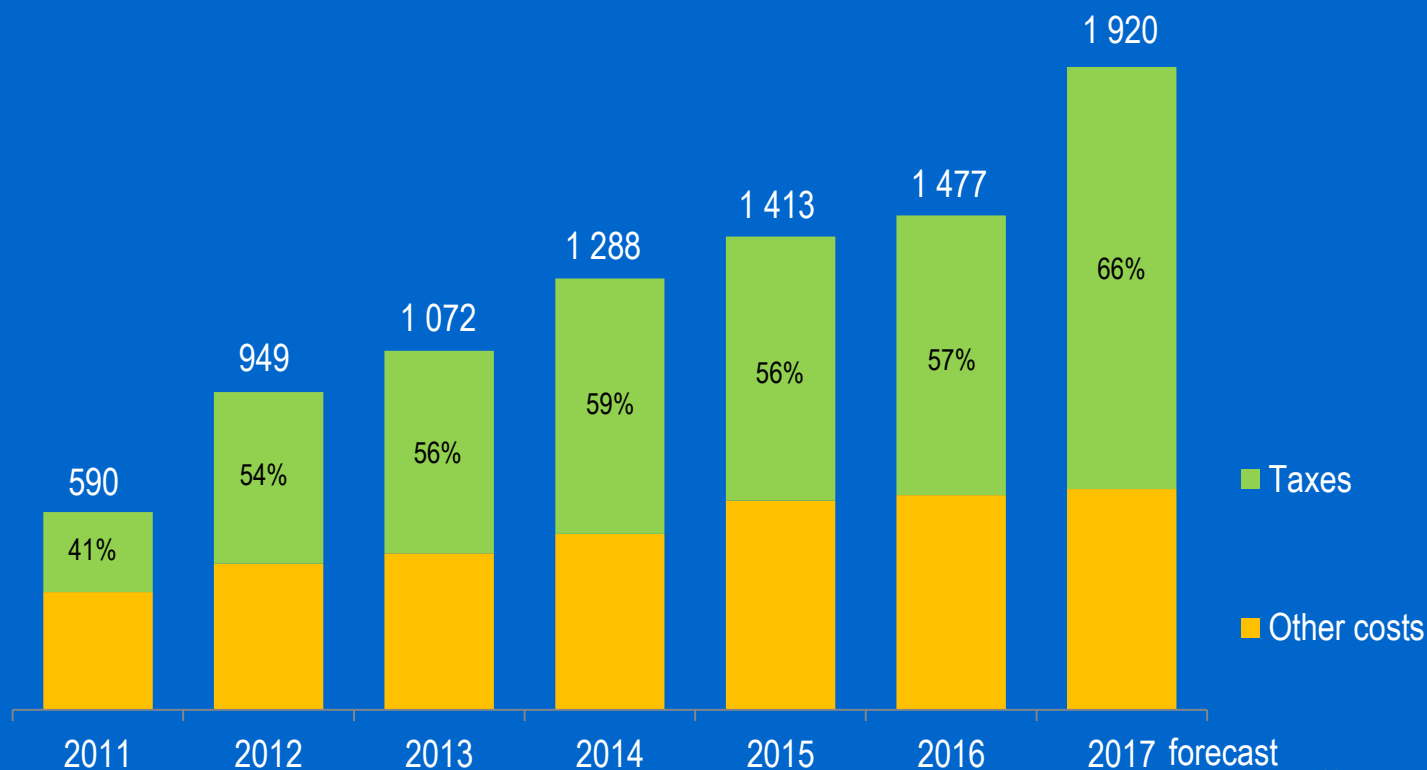


THE ENVIRONMENTAL MANAGEMENT STANDARDS SYSTEM OF ISO 14001: 2007 HAS BEEN INTRODUCED

Financial results

Gazprom Dobycha Yamburg LLC

Gas production unit cost (RUB / 1000 m³)





THANK YOU

FOR YOUR ATTENTION!

