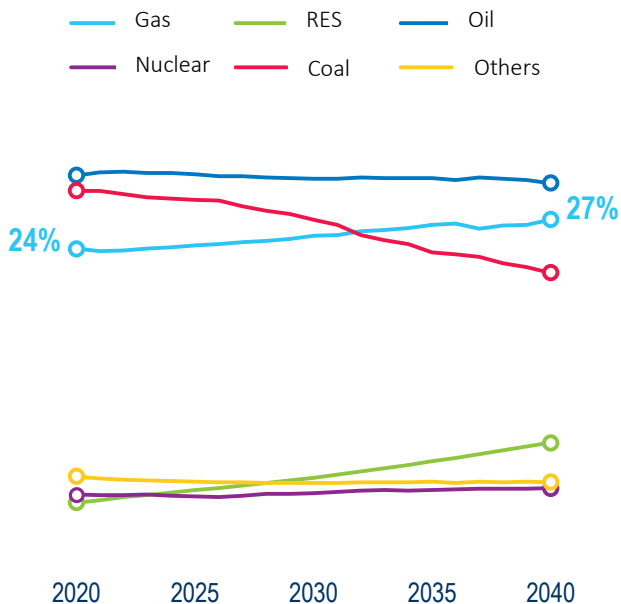


STRATEGIC DEVELOPMENT. INVESTMENT PROJECTS IN RUSSIA

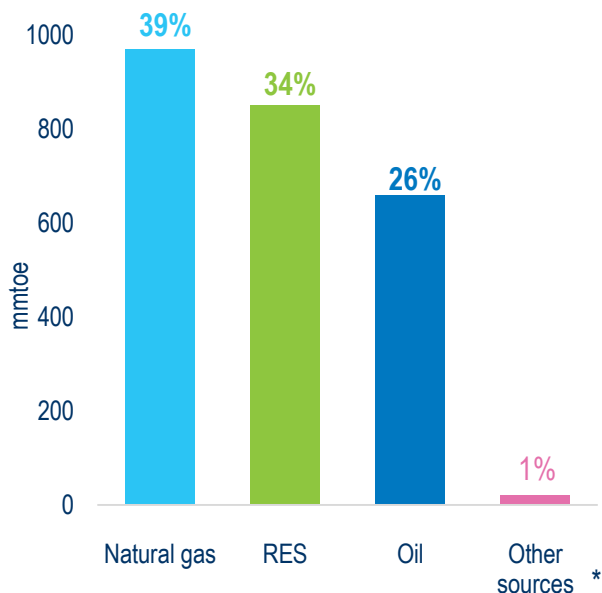
Oleg Aksyutin

Deputy Chairman of the Management Committee – Head of Department

SHARE OF NATURAL GAS IN THE ENERGY MIX



CONTRIBUTION OF NATURAL GAS to meeting additional energy demand (2020–2040)

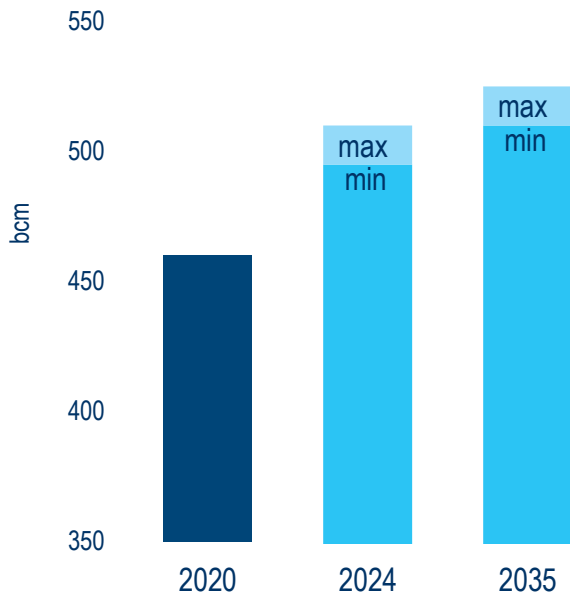


* Including nuclear, coal, etc.

ROLE OF GAS IN THE FUTURE OF THE GLOBAL ENERGY SECTOR

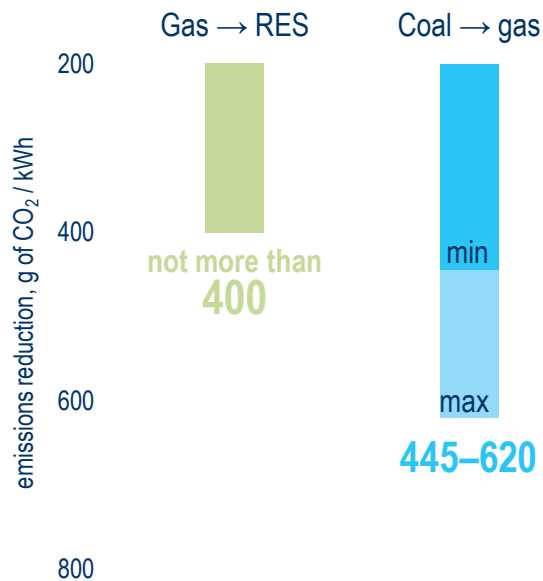
- **Gas demand is poised for stable growth** in the long term
- By 2040, the **share of natural gas** in the global energy mix is **expected** to grow from ~24% to ~27%
- **Natural gas will rise to the top** in terms of its contribution (39%) to meeting additional energy demand

PROJECTED GAS CONSUMPTION IN RUSSIA BY 2035



IMPACT FROM ENERGY SOURCES REPLACEMENT

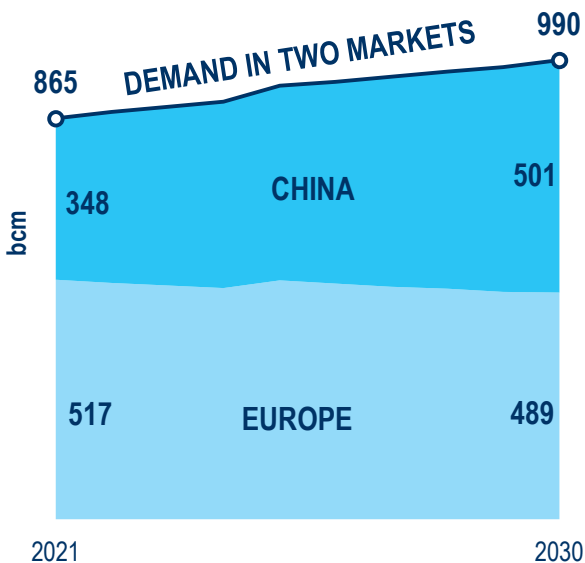
on reducing specific emissions



THE COMPANY'S STRATEGY IN THE RUSSIAN MARKET

- **Providing energy security**
- **Reinforcing the status of leading supplier** amid growing gas consumption
- **Contributing to low-carbon development** of the economy via gas infrastructure expansion

PROJECTED GAS DEMAND IN EUROPE AND CHINA



PROJECTED IMPORT OPPORTUNITIES IN EUROPE AND CHINA



STRENGTHENING Foothold IN EXPORT MARKETS

Portfolio of long-term contracts for gas supplies in 2021

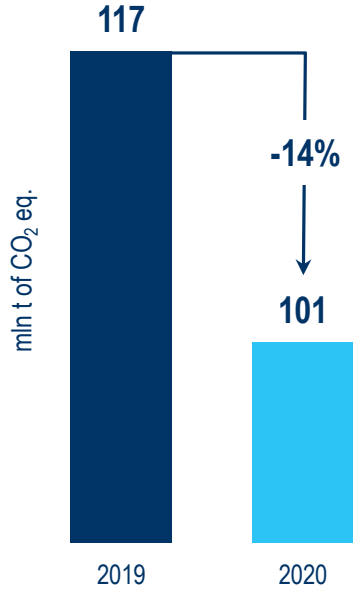
Potential export capacities (state-of-the-art gas pipelines)

~ $\frac{1}{4}$

~ $\frac{1}{3}$

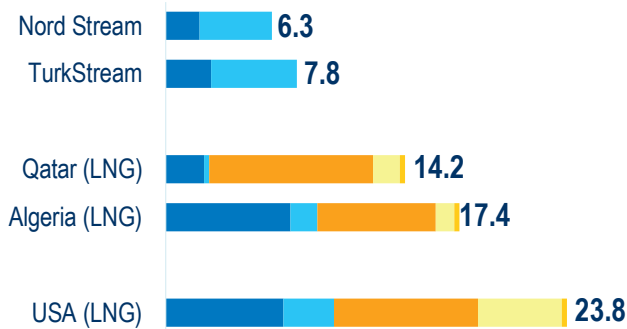
OF THE OVERALL DEMAND FOR GAS IN EUROPE AND CHINA BY 2030

GAZPROM'S GREENHOUSE GAS EMISSIONS



CARBON FOOTPRINT FROM SUPPLIES TO EUROPE

grams of CO₂ equivalent per unit of energy (MJ)



SEGMENTS OF SUPPLY CHAIN via pipelines and LNG shipments

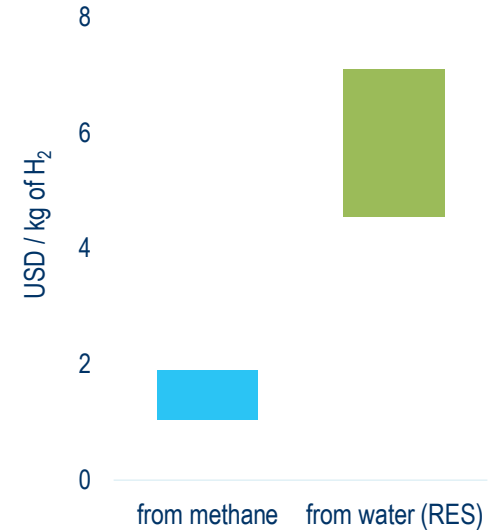
- Production and treatment
- Pipeline transport

SEGMENTS OF SUPPLY CHAIN via LNG shipments only

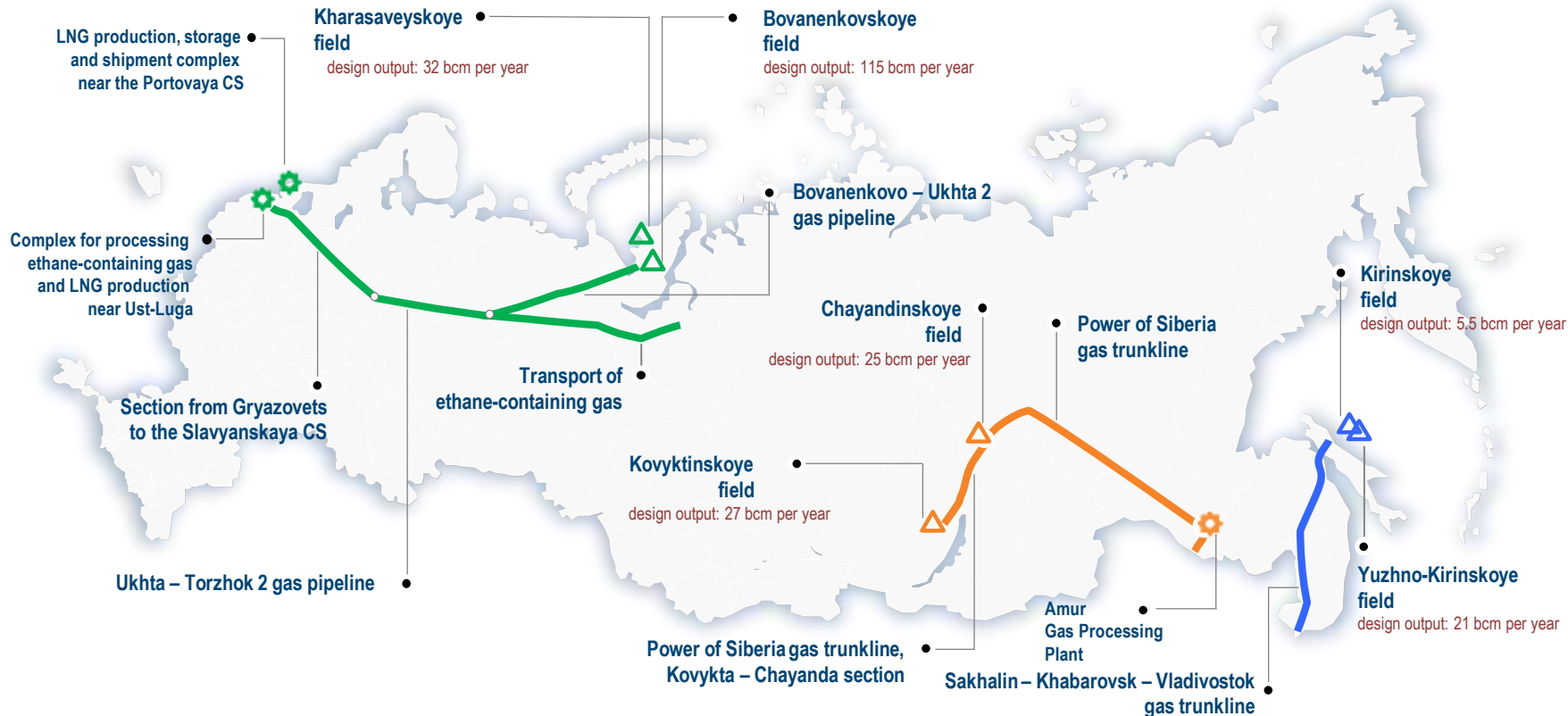
- Liquefaction (incl. purification)
- Transportation of LNG by sea
- Regasification

NATURAL GAS – MAINSTAY OF HYDROGEN ENERGY

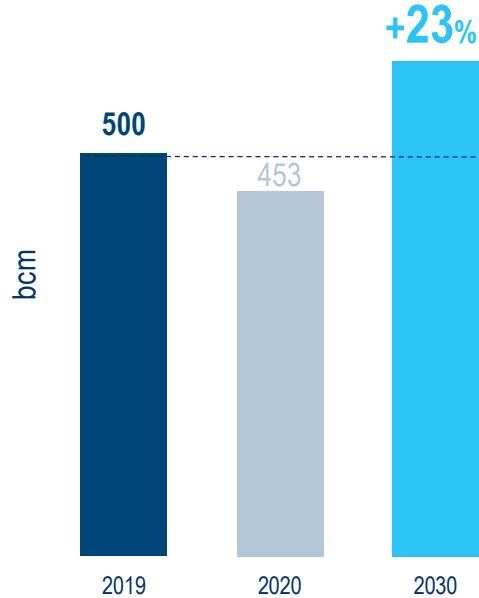
Costs for producing hydrogen from methane and water



Gazprom's Key Investment Projects and Production Data for New Major Fields

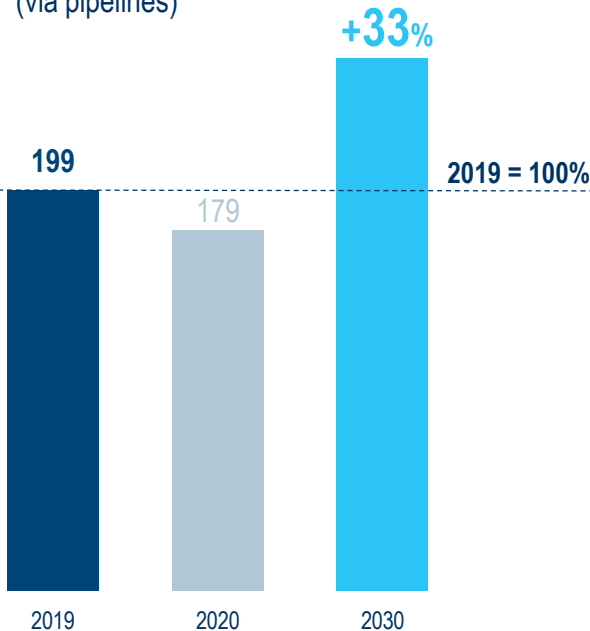


INCREASE IN NATURAL GAS PRODUCTION



GROWTH IN GAS EXPORTS TO NON-FSU COUNTRIES

(via pipelines)



- By developing its unique resource base and implementing its key investment projects, the Company will be able to ramp up its gas supplies to the domestic and foreign markets.

- The long-term growth potential of gas demand and the prospects of the use of methane in hydrogen energy create the conditions for fulfilling Gazprom's strategic goal: reinforcing its status as a leader among global energy companies.

THANK YOU FOR YOUR ATTENTION!