



# The 16<sup>th</sup> International Energy Forum

## 2<sup>nd</sup> Plenary Session

### Sustainable and Inclusive Growth: Energy access and Affordability

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GECF

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# More than accessibility and affordability, Natural Gas can support many of the UN Sustainable Development Goals



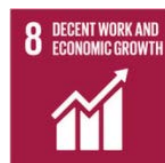
Gas-based fertilizer industry can support agricultural productivity, reducing hunger



Gas for heating and cooking improves indoor air quality and reduces physical impacts from collecting biomass



Gas-based water desalination contributes in reducing water stress



Gas-based industries (e.g. petrochemicals and steel) stimulate economic activity and reduce unemployment



Potential for innovation in gas-based industries, particularly in chemicals and transportation



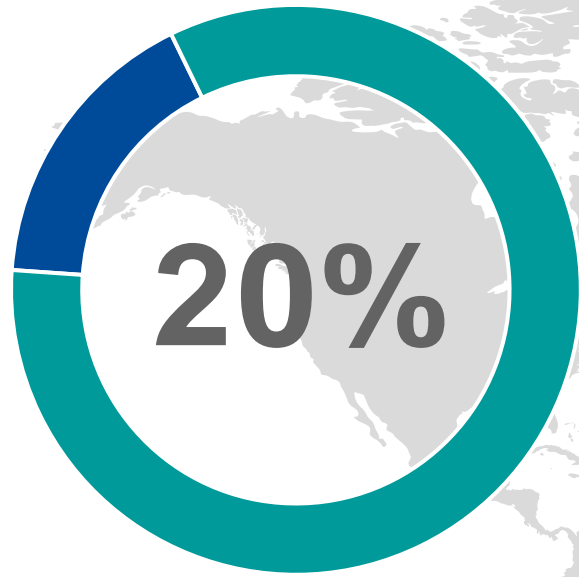
# Despite its advantages, natural gas is facing key energy policies' challenges

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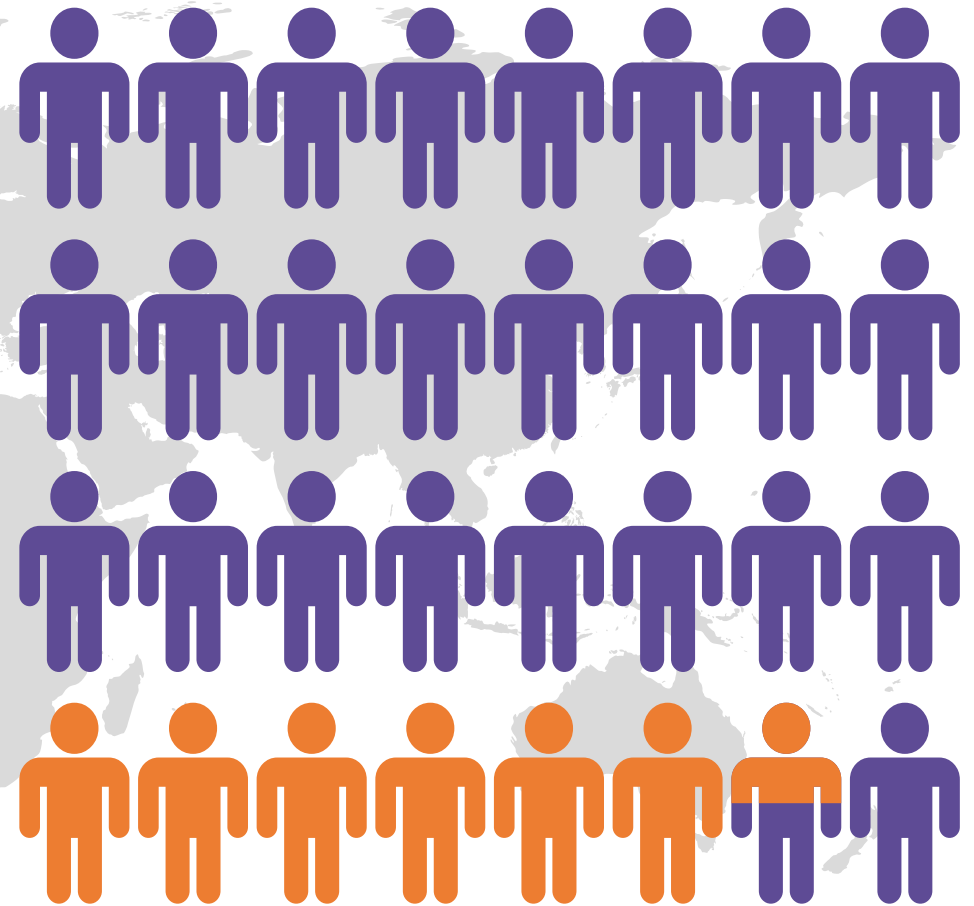
- Role of natural gas in reducing greenhouse gas emissions not highlighted clearly in Countries' NDCs.
- Policy constrains in Europe (continuing change of market rules and design, dominance of national policies and priorities).
- Policy still not very clear regarding the role of gas vs. coal in some Southeast Asian countries.
- Lack of visibility on gas demand and revenues affects investment in capital-intensive gas projects .

GECF is promoting cooperation and dialogue to deal with gas challenges and support its sustainable role

# Natural gas: an important contributor in improving access to electricity

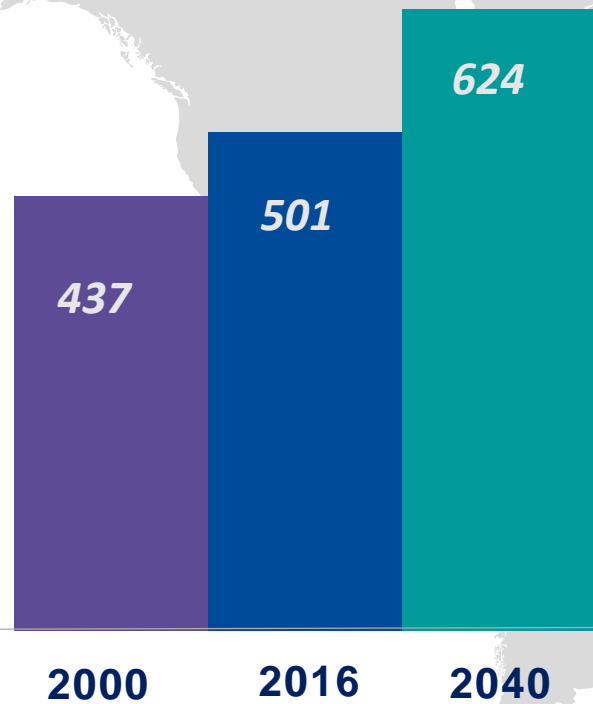


New access to electricity supplied by natural gas since 2000

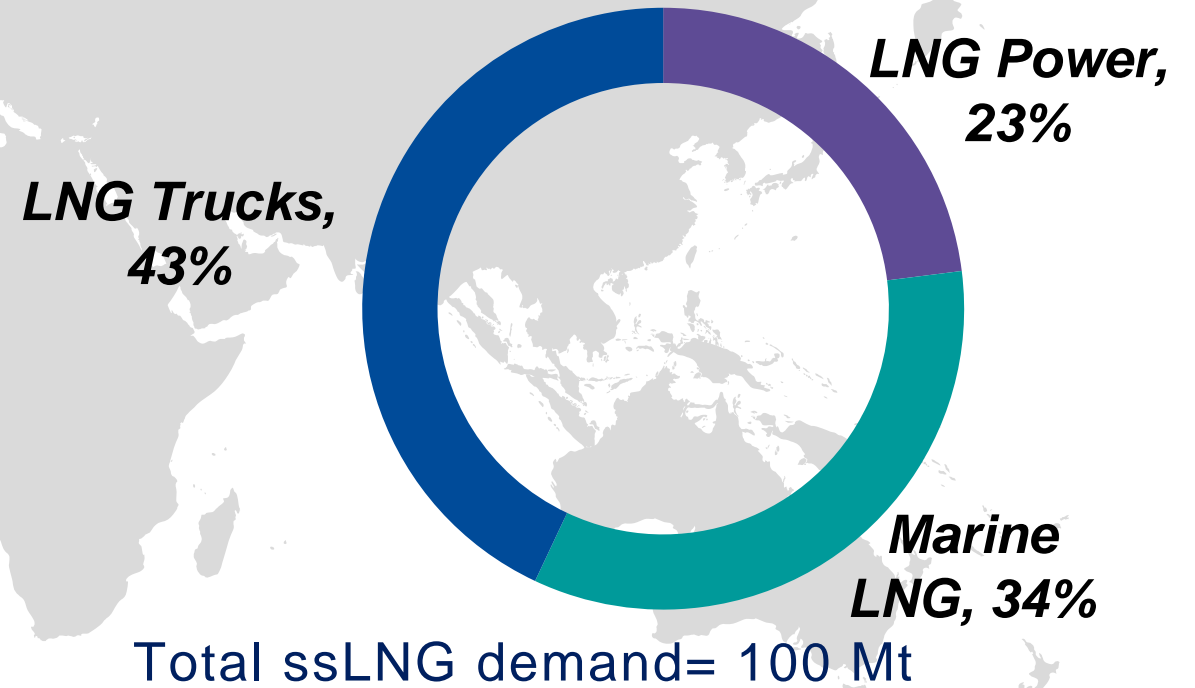


# Expanding gas networks for domestic usage, and development of small scale LNG are also supporting energy access

## Global household gas demand (Bcm)



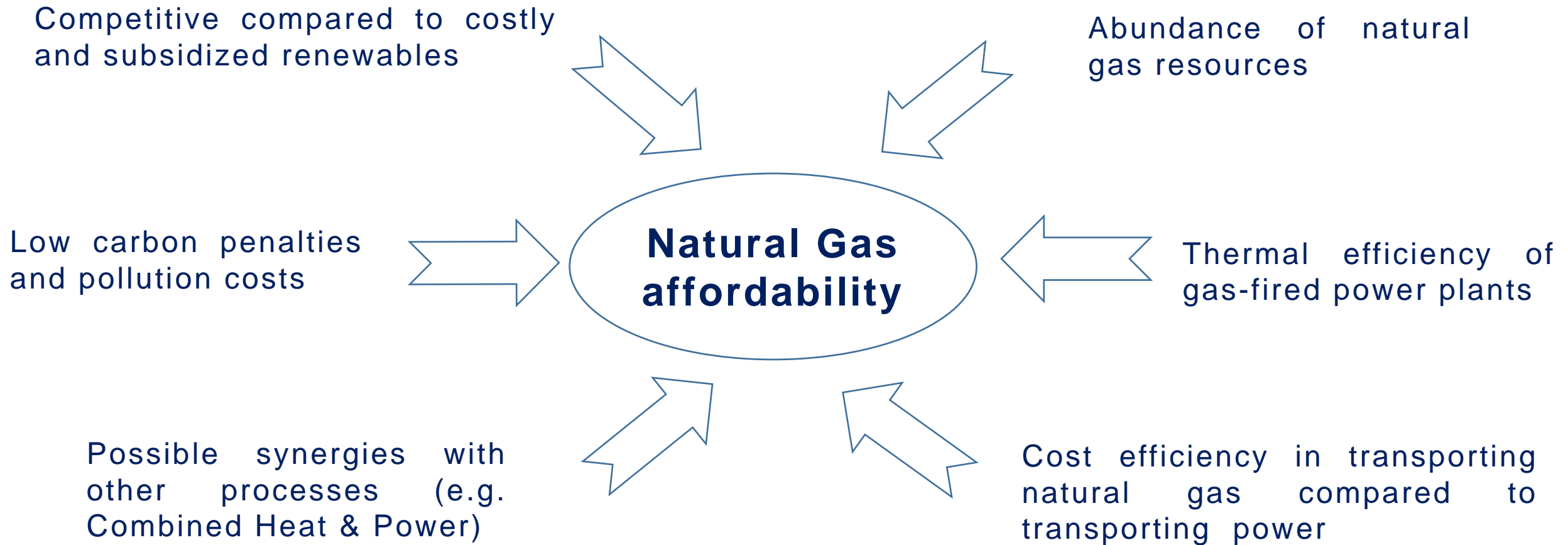
## Small-scale LNG potential in 2030 by type (%)





# Natural gas has many advantages that drive its affordability

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Thank you!

