

# *The Future Role of Gas: Green and Sector Coupled?*

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VERBUND, 19 September 2019

# Our members



# The Future Role of Gaseous Energy in the EU

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- The role of gas in meeting **2030 climate and energy targets**
- The role of gas in a **carbon neutral economy by 2050**
- What is needed to **unlock the potential** of gas

# Gas can play a key role in achieving EU climate objectives by 2030

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Reducing greenhouse gas emissions **by 40%**

Switching from **coal to gas** can help exceed greenhouse gas reduction targets

Increasing the share of renewable energy **to 32%**

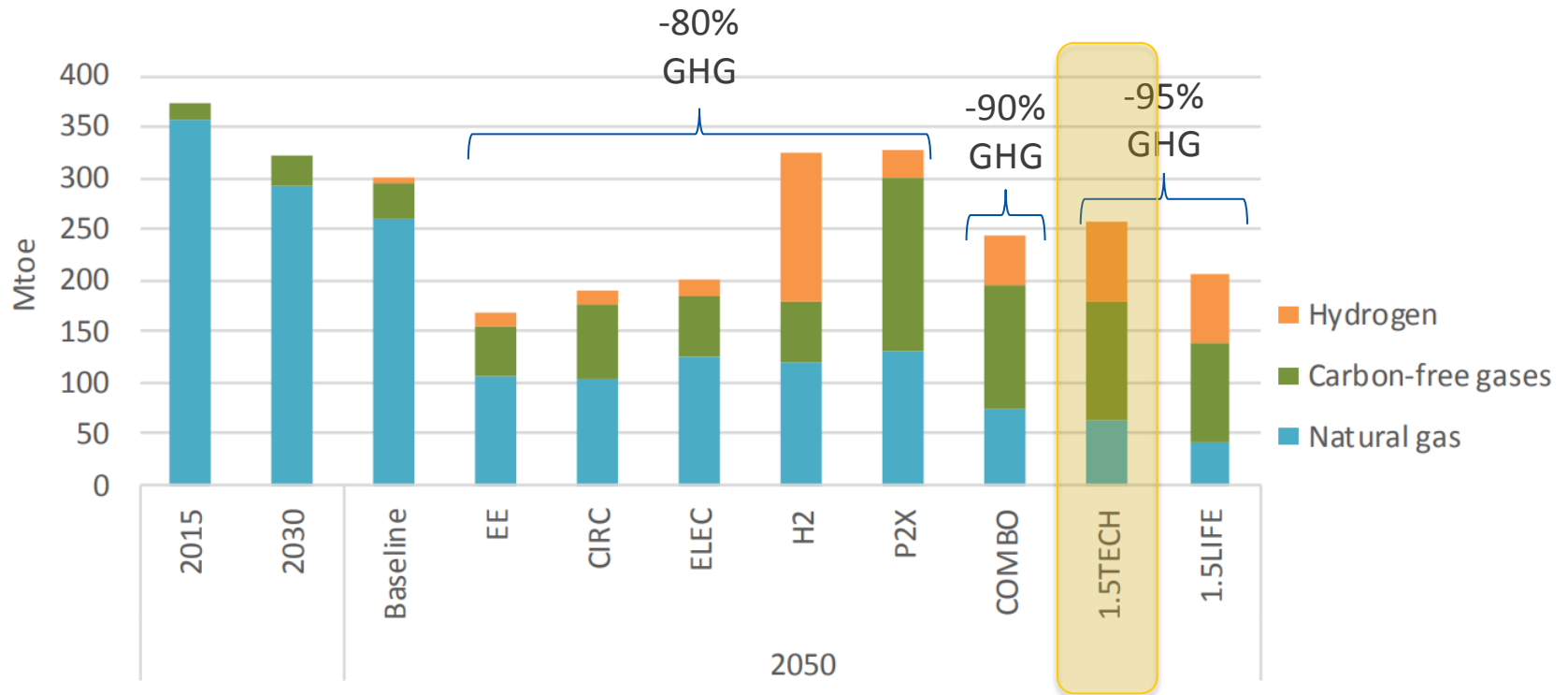
**Renewable gas** already **contributes** to the renewable energy target

Improving energy efficiency **by 32.5%**

**Retrofitting** and **hybrid system** can deliver quick wins without disruption to consumers

# The role of gas in carbon neutral EU economy in 2050

## European Commission Long Term Strategy Scenarios on the consumption of gaseous fuels by 2050



Note: "carbon-free" gases refer to e-gas, biogas and waste-gas  
 Source: In-depth analysis in support of the Commission  
 Communication COM(2018) 773

# Eurogas recommendations for a Gas Package

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- Introduce a **binding EU target** for renewable and decarbonised gases
- Develop an EU blueprint for **Guarantees of Origin**
- A pragmatic and technology neutral approach to **sustainable investment rules**

## A question of affordability and acceptability

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**Using the Gas Infrastructure will result in significant system cost saving to 2050**

“Renewable methane and hydrogen used optimally in the energy system can **save society €217 billion annually** compared to an energy system with a minimal amount of gas”

*Source: NAVIGANT (2019) Gas for climate*

“The EU can **save EUR 76 billion to 125 billion per year** in 2050 through the continued use of gas networks”

*Source: frontier economics (2019) The value of gas infrastructure in a climate-neutral Europe*

## Contact details

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## IMPRESSUM

**Energiekonferenz energy2050**  
**„Bridging the Gap: Sektorenkopplung**  
**Industrie-Verkehr-Energie“**  
18. bis 20. September 2019 in Hof bei Salzburg

**Veranstalter und Herausgeber**  
VERBUND AG  
Am Hof 6a  
1010 Wien  
[www.verbund.com](http://www.verbund.com)

September 2019

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