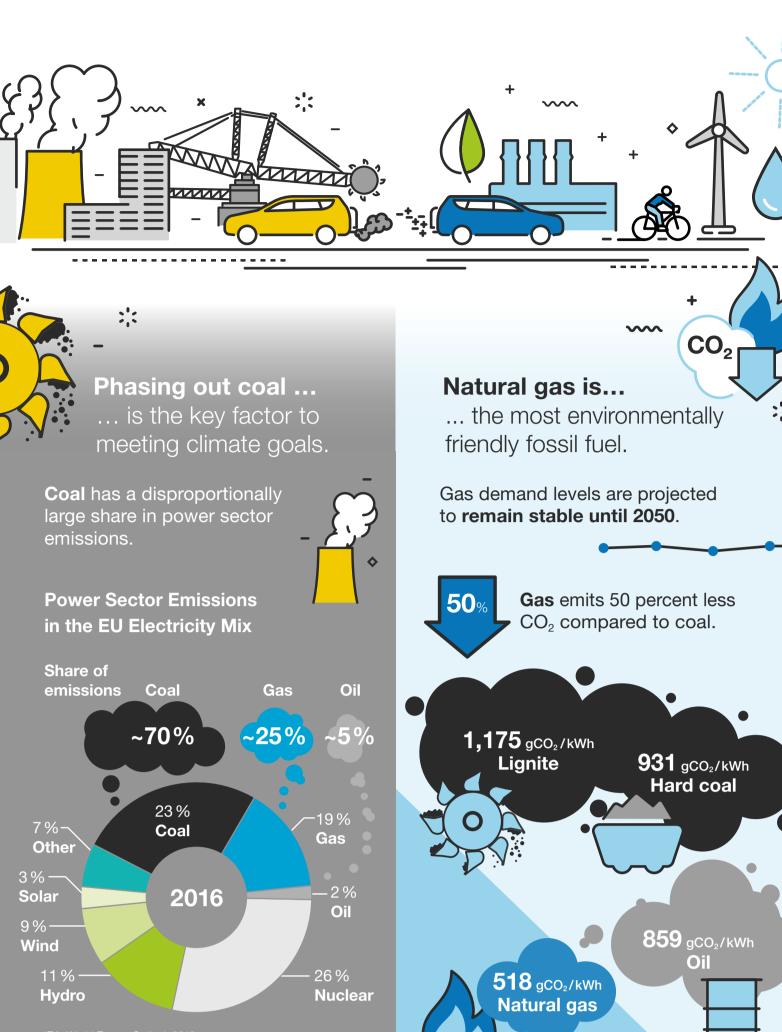


## **How Can Natural Gas Contribute** to Meeting EU Climate Targets?

The EU has committed to an ambitious goal: reducing emissions by 40 percent by 2030. Natural gas is a flexible, efficient, storable and reliable option for supporting renewable energy sources.

Nord Stream 2 will support a climate-friendly energy transition in an affordable way.

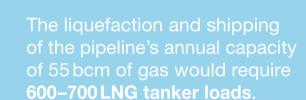


#### saves emissions. Due to its chemical composition, gas emits less CO<sub>2</sub> than all other

Using natural gas instead

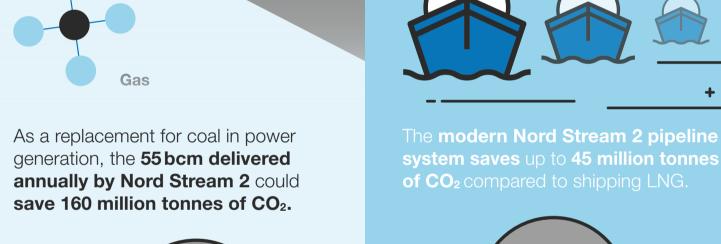
of coal for power generation

fossil fuels.



favourably to LNG.

**Nord Stream 2 compares** 



160 million tonnes of CO<sub>2</sub>

are the equivalent of about 34 million passenger vehicles driven for one year,

or 14 percent of total EU emissions\* from power generation.

Emissions comparisons for coal vs. gas refer to power generation.

18%

Gas

12%

Nuclear

or 15 million round-the-world car trips,

A growing share of natural gas in the energy mix will help to reach EU climate goals.

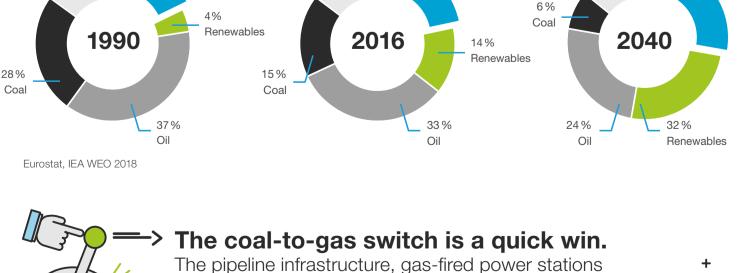
14%

Nuclear

24%

Gas

Emissions comparisons based on own calculations, Eurostat figures and IEA WEO 2018. All calculations based on averages for e.g. efficiency factors of power stations and calorific values of fuels. Vehicle calculations based on US EPA's Greenhouse Gas Equivalencies Calculator (online)



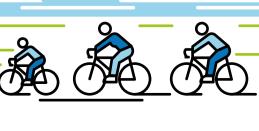


13%

Nuclear

# and transmission lines already exist. The sooner we

reduce emission by switiching from coal to gas - the more time we have to transition to new technologies for a low-carbon economy.



#### European Environment Agency; Gaswindandsun.eu; IEA, World Energy Outlook 2018; Thinkstep, GHG Intensity of Natural Gas Transport Comparison of Additional Natural Gas Imports to Europe by Nord Stream 2 Pipeline and LNG Import Alternatives, 2017

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26%

Gas

W D in y www.nord-stream2.com