

The Outsized Effect of Gas on Battery Dispatch Prices

Network Management in the RESILIENT project

CETPartnership Workshop
May 19th 2026

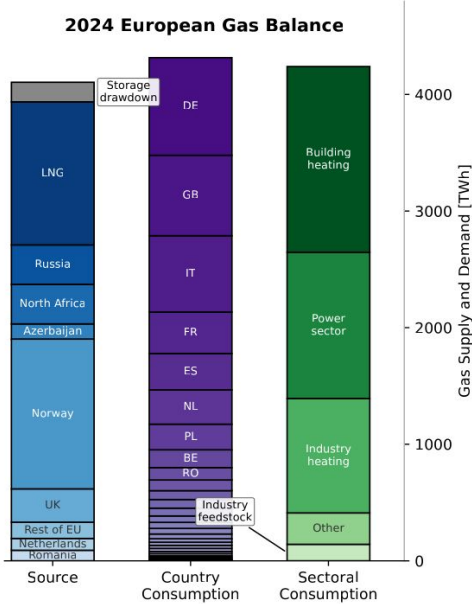
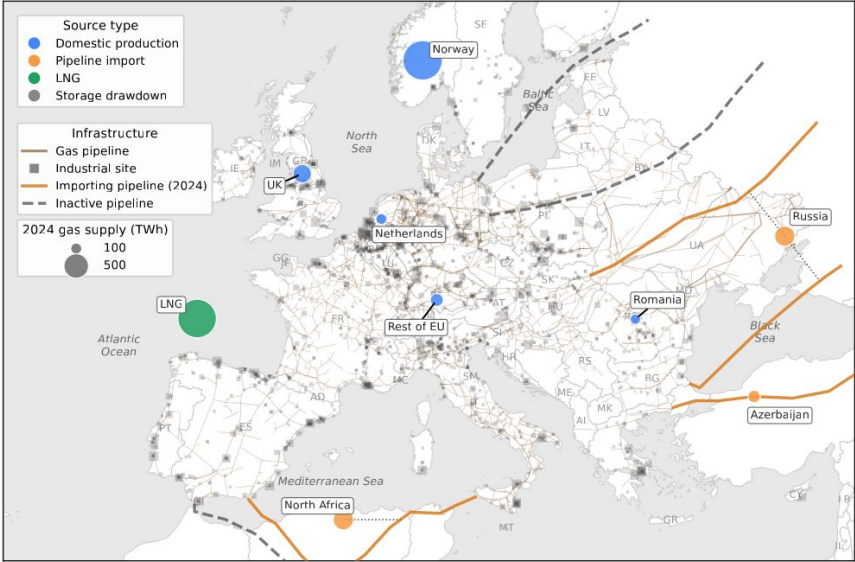
Dr Lukas Franken, Bobby Xiong, Dr Iegor Riepin, Prof Tom Brown

excerpt from Working Paper

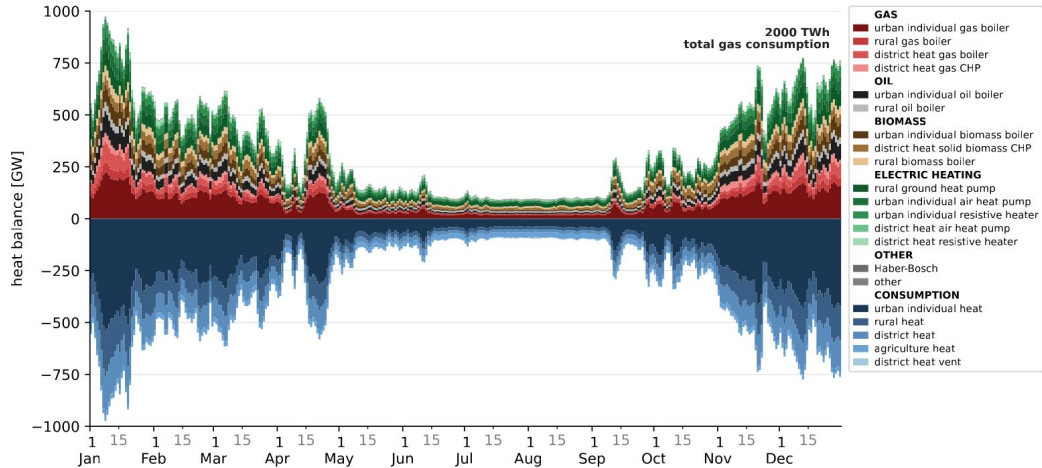
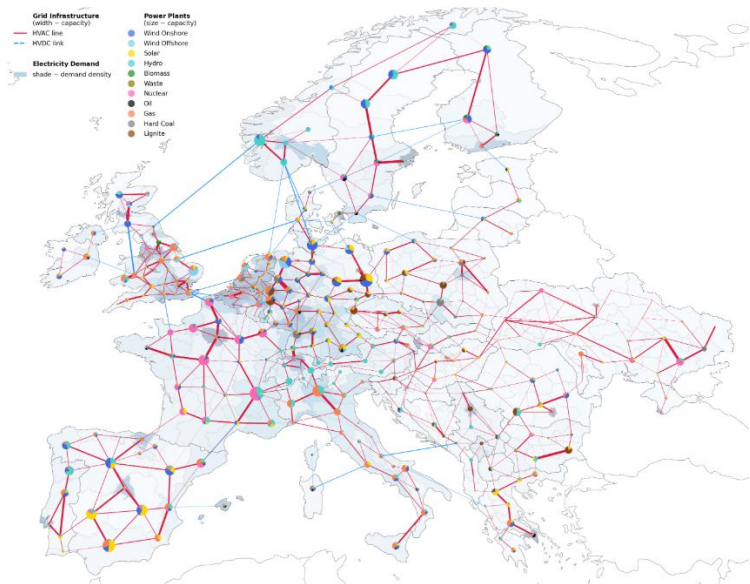
Project Partners:

**Chalmers University, Fraunhofer ISI, LUT University, University of Pisa, EDF,
TransnetBW, IN4climate.NRW, Stockholm Exergi**

European Gas Consumption and Supply



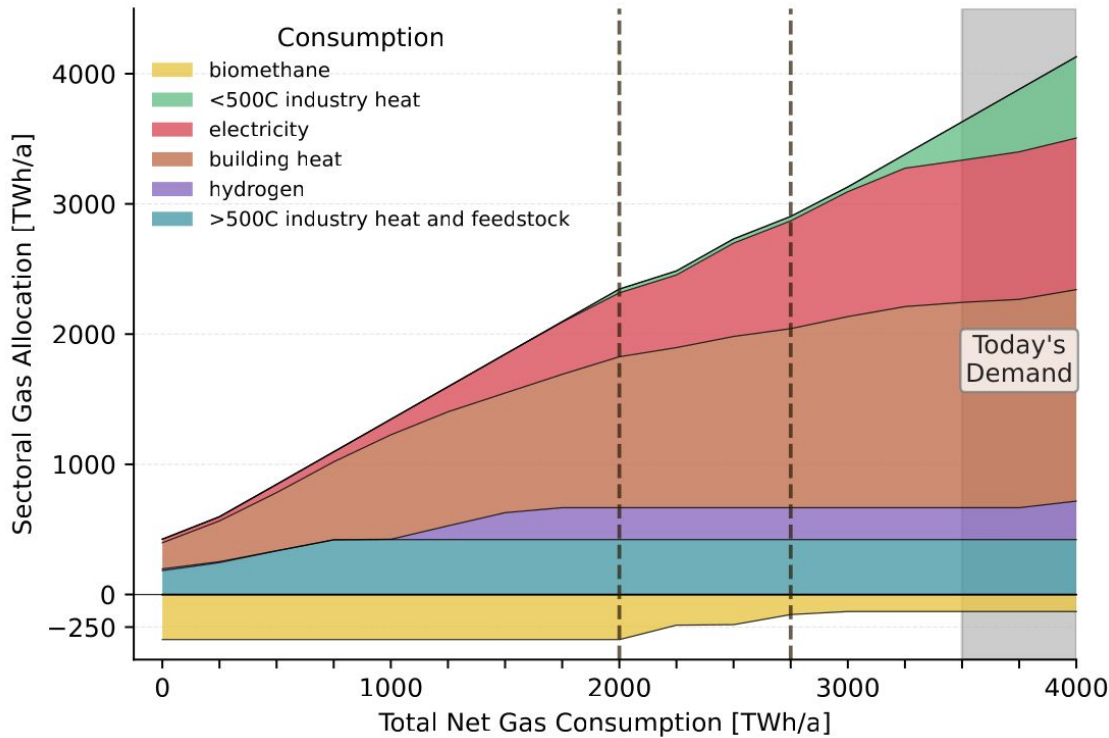
The PyPSA-Eur model



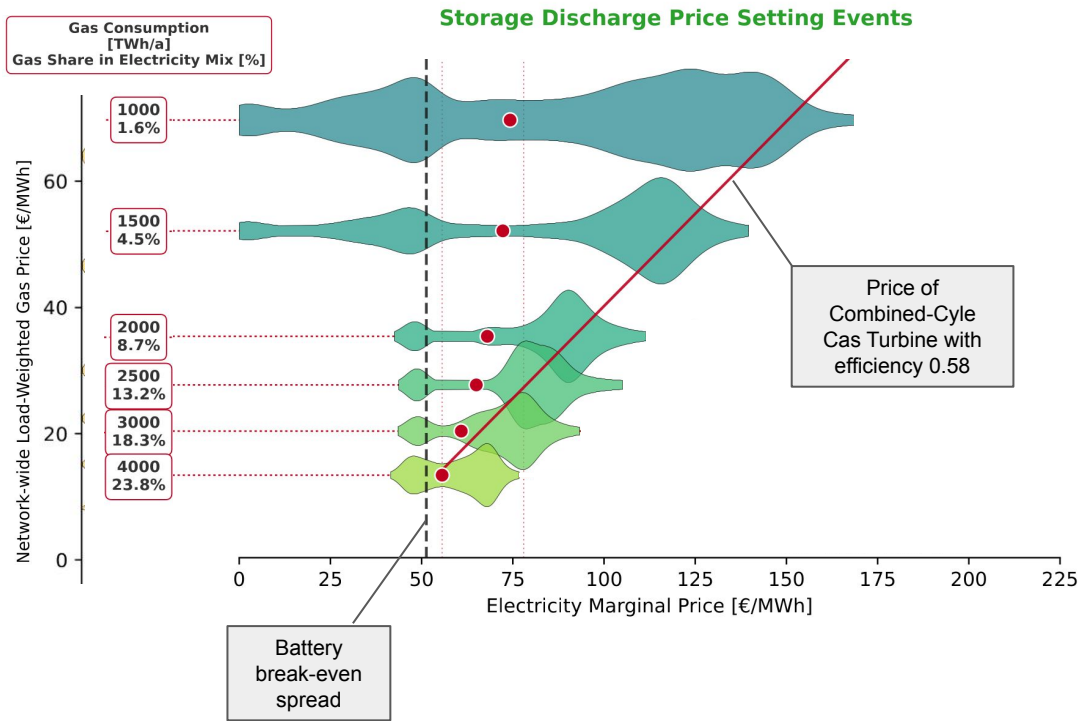
[work in progress]



Constraining Gas Consumption in the Model



Gas Scarcity Drives up the Short-Run Marginal Costs of Gas Turbines



Thank you for your attention! Questions?