

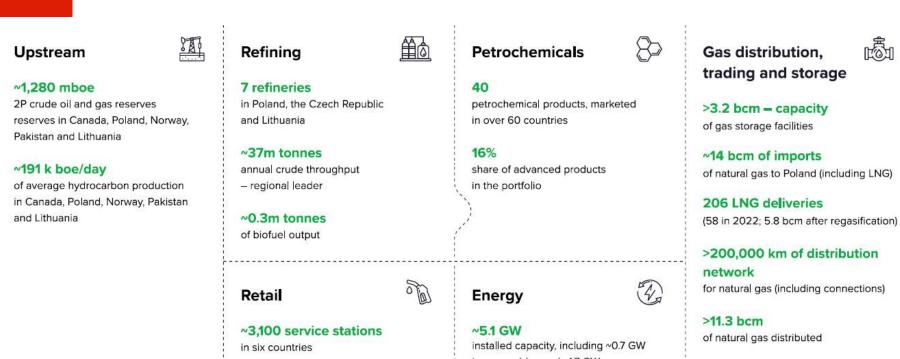
Project ECO2CEE (prev. EU CCS Interconnector)



06.06.2023

ORLEN Group – leading multi-utility player in Central Europe





~2,500 non-fuel outlets

>15m customers of fuel stations in the region

>3m customers of electricity

>7m customers of natural gas

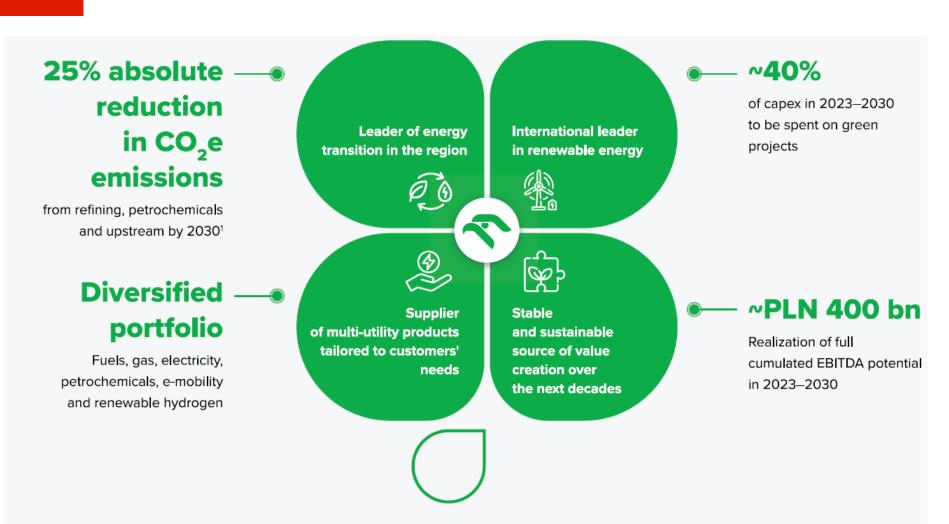
in renewables and ~1.7 GW in gas-fired units

~200,000 km of power lines

2

ORLEN 2030 leads the Energy transition in Central Europe





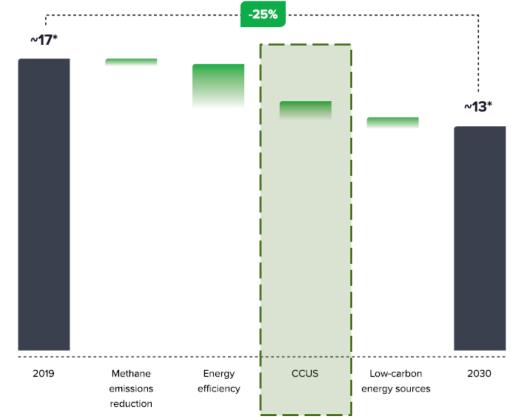
By 2030, we will reduce 25% absolute emissions in Refining, Petrochemicals and Upstream



The 25%¹ reduction target reflects:

- reduction of methane emissions and of flaring in upstream operations – Zero Routine Flaring and Zero Venting targets
- implementation of energy efficiency solutions
- deployment of carbon capture, utilization and storage technologies (CCUS)
- use of energy from low- and zero-carbon sources in the Refining, Petrochemical and Upstream facilities

GHG emissions in Refining, Petrochemicals and Upstream (MtCO $_2$ e)



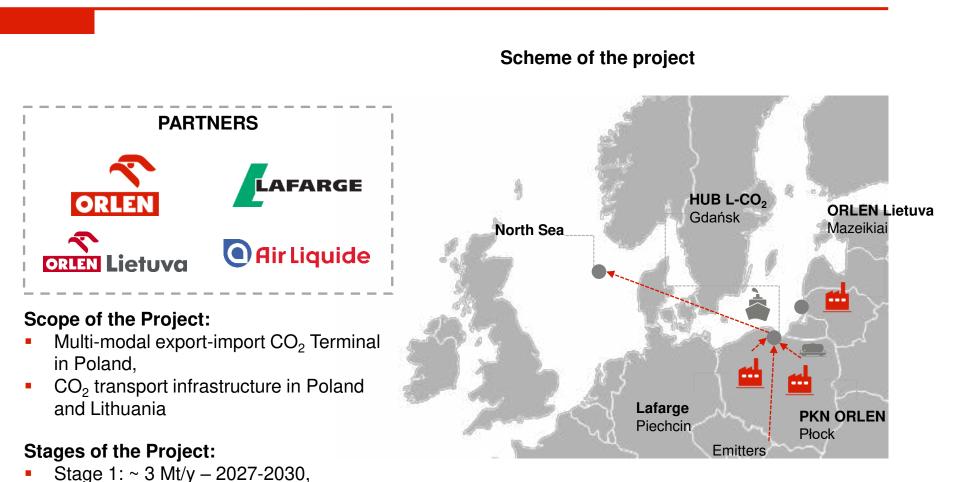
1. The target applies to Scope 1 and 2 greenhouse gas emissions in Refining, Petrochemicals and Upstream, calculated on an equity share basis.

* Emissions volume in the base year will be subject to final review after the merged ORLEN Group companies are fully consolidated.

~3 m tCO₂/year (for own needs and as service for third-party customers)

Stage 2: ~ 9 Mt/y – after 2030+.





5

Emitters

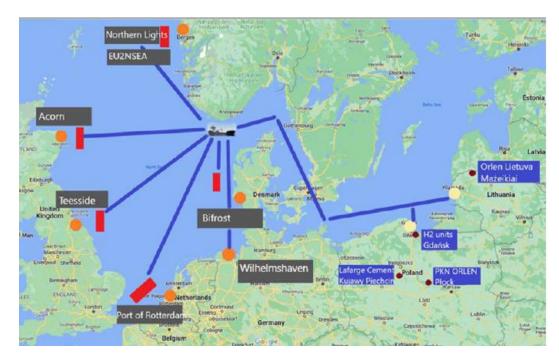


Emitters in Stage 1:

- PKN ORLEN Plock refinery (~1 MT/y),
- LAFARGE Kujawy Cement Plant (~1 MT/y) obtained funds from Innovation Fund (Project Go4ECOPlanet),
- Other customers (~1 MT/y).

Good location of Poland – connection to the Baltic Sea and easy connection to the North Sea.

Development of an open access CCS concept in the CEE region with potential to facilitate decarbonisation and address competitiveness of high emission sectors in Lithuania and Poland.



Project status

