

PROJECT

The Causeway Study - Impact of CNG on the Irish Gas Network

Funding: European

Duration: Feb 2016 - Dec 2018

Status: Complete



Objectives:

This study aims to examine the impact of increased levels of CNG fast refill stations on the operation of the transmission and distribution gas networks in both the Republic of Ireland (RoI) and Northern Ireland (NI). To that end, a cross border pilot network of 17 CNG units (the global project foresees 134) along the TEN-T Core Road Network, to a large extent on the CNC North Sea - Mediterranean between the RoI and NI will be built as a pilot activity to assess the impact on the gas network. Activities will encompass developing understanding of the operation and planning of the network, CNG equipment and user demand patterns and behaviours, and the injection of renewable gas into the gas transmission system.

Parent Programmes:

[CEF Transport - Connecting Europe Facility \(CEF\) for Transport](#)

Institute type: Public institution

Institute name: Inea

Funding type: Public (EU)

Other countries: Ireland, United Kingdom

Lead Organisation:

Gas Networks Ireland

Address:

Gasworks Road
T12 RX96
Cork
Ireland

Technologies:

Alternative fuels
LNG refuelling station

Development phase: Demonstration/prototyping/Pilot Production

STRIA Roadmaps: Low-emission alternative energy for transport

Transport mode: Road transport

Transport sectors: Passenger transport, Freight transport

Transport policies: Environmental/Emissions aspects, Decarbonisation

Geo-spatial type: Network corridors