

Connecting Europe Facility ENERGY

Member State(s) involved:

United Kingdom

Implementation schedule

Start date: July 2016

End date: December 2017

Budget:

Estimated total cost of the action:
€8,048,000

Maximum EU contribution:
€4,024,000

Percentage of EU support: 50%

Beneficiaries:

InfraStrata plc
www.infrastrata.co.uk

Additional information:

European Commission
http://ec.europa.eu/energy/infrastructure/index_en.htm

Innovation and Networks Executive Agency (INEA)
<http://inea.ec.europa.eu>

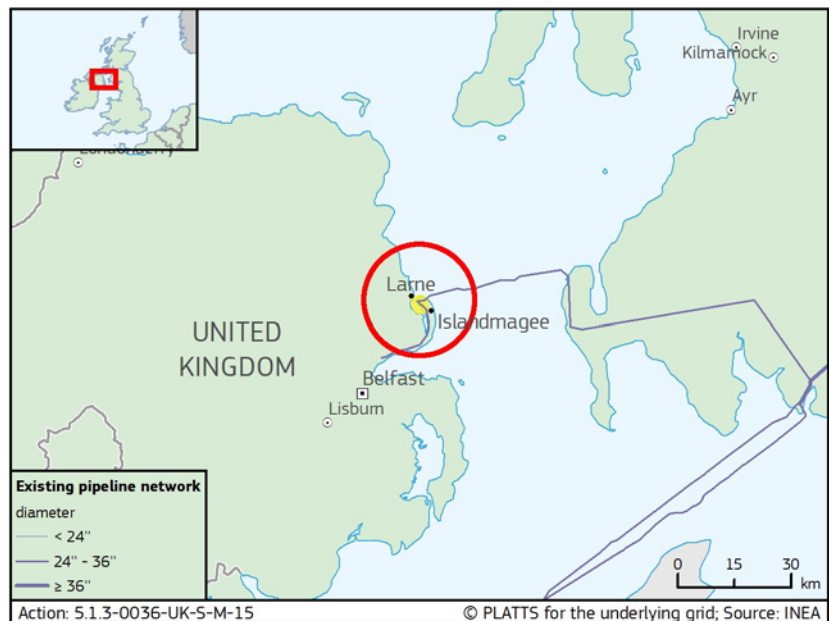
Agency for the Cooperation of Energy Regulators (ACER)
www.acer.europa.eu

European Network of Transmission System Operators for Gas (ENTSO-G)
www.entso-g.eu

Islandmagee Gas Storage Facility – FEED and In situ Downhole Testing

5.1.3-0036-UK-S-M-15

Part of Project of Common Interest 5.1.3



The current Action is part of PCI 5.1.3, which aims to improve the security of supply and increase the amount of flexibility available in the gas markets in Great Britain, Northern Ireland and the Republic of Ireland and enable greater interconnectivity across these three neighboring markets, whilst supporting the achievement of national renewable and carbon reduction targets. The PCI concerns the development of a salt cavity gas storage facility located in Larne (UK) and will provide a working gas volume of 500 million cubic meters (MCM) and allow for a withdrawal capacity of 22 MCM/day and an injection capacity of 12 MCM/day.

The goal of this Action is to perform the Front End Engineering and Design (FEED) study for the Islandmagee Storage Facility and carry out the in situ downhole testing to determine the stress state of the Permian salt, which will establish with greater accuracy safe operational pressure ranges for the salt caverns. The FEED study will identify technical requirements and design parameters for the project which will provide greater certainty on the main project costs and key project risks.

The Action is ongoing.

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