

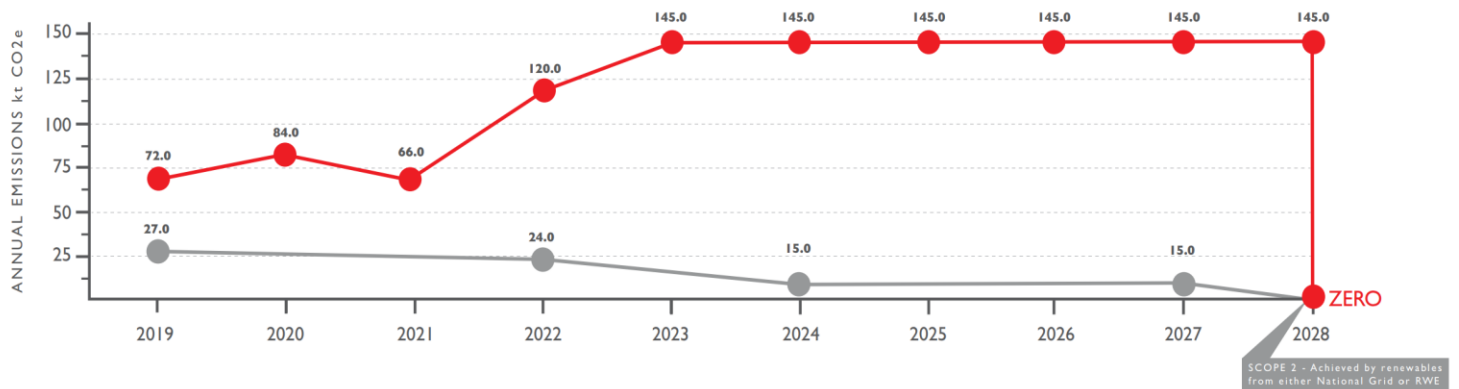
Dragon LNG as a net zero terminal and enabling CO₂ shipping in the Milford Haven Waterway



Dragon LNG Ltd is our core business connecting LNG into the UK gas network for our LNG supply customers (currently Shell and Petronas) per a 20-year Customer Agreement (to renew in 2029).

Dragon Energy Ltd is responsible for the development and commercial operations of **Dragon Energy Park** providing renewable energy into the Haven. There is a strong opportunity to grow this business through the energy transition and secure a longer-term future for the site.

Projects that will support our ambition to become a **Net Zero Terminal by 2029**, include our newly energised 10MW 18,500 solar park, application for 3 wind turbines to provide up to 13.5MW of peak power, variable frequency drives, battery storage, Multi Utility Service Transit (MUST) infrastructure development proposal and CO₂ import and export.



█ = Scope 1

2022 combined scope 1 and 2 emissions 144,000t CO₂e

█ = Scope 2

Max Scope 1 emissions are 245,000t CO₂e if all shipping slots are utilised

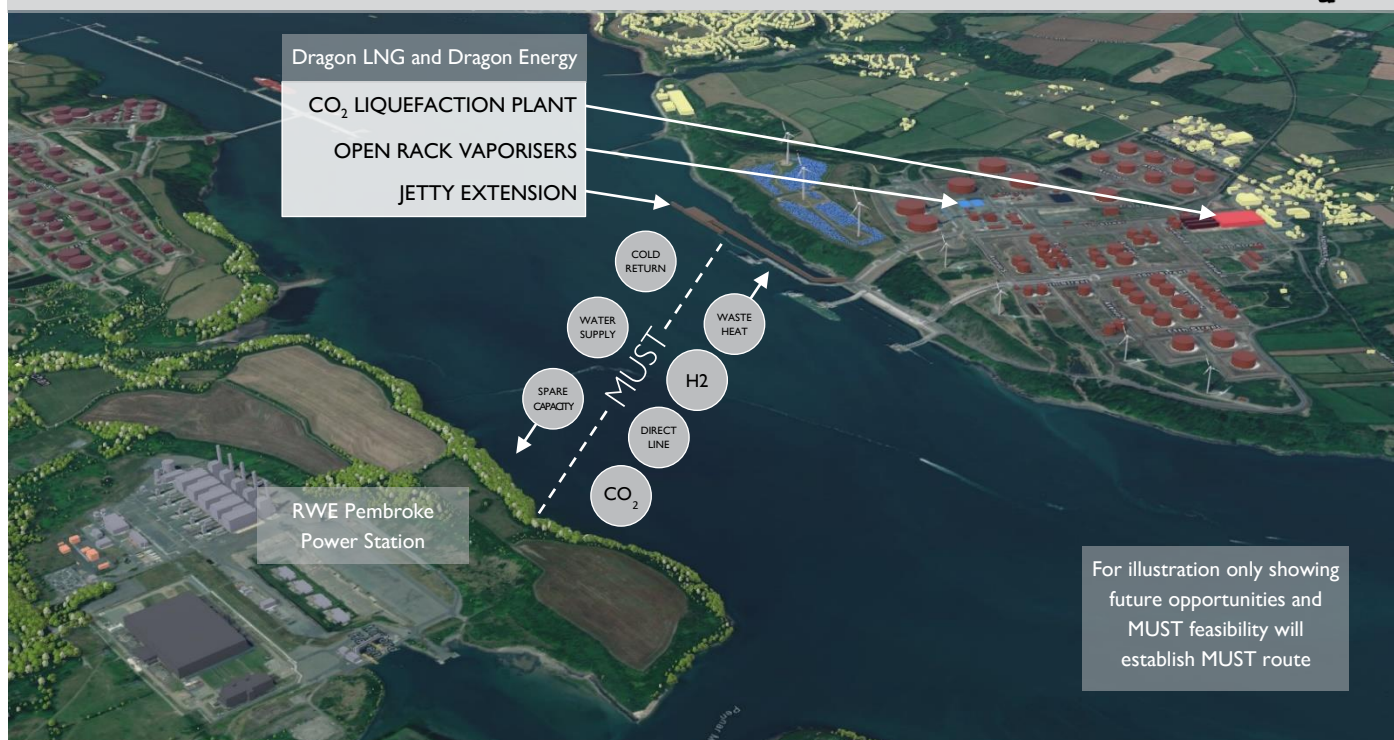
As part of the **South Wales Industrial Cluster** (the 2nd biggest emitting cluster within the UK) we are working collaboratively with other industry, regulators, and government to find cost effective and more integrated solutions for capturing these emissions, liquefying the CO₂ and shipping it to other storage sites in the UK. A key component of that is the MUST infrastructure development proposal which is a collaboration with RWE Pembroke Power Station to fully exploit the cluster decarbonisation opportunities in the Haven.

MUST Development Targets:

- Transportation of low temperature heat from Pembroke Power Station’s cooling circuits to Dragon for use in the LNG regasification process, replacing natural gas and reducing CO₂ emissions by up to 245,000 tonnes/year
- Extension of Dragon’s jetty to a) minimise impact to the shoreline and b) to provide a berth for CO₂ shipping operations
- Transportation of gaseous CO₂ from industrial carbon capture processes to liquefaction and export facilities at Dragon LNG, providing a total of up to 5,000,000 tonnes/year of CO₂ and access to disposal sites in the UK
- Provision of bulk hydrogen to the north side of the Haven, enabling access to industrial and domestic hydrogen projects in Milford Haven and a possible blending opportunity into the Gas National Grid
- Provision of bulk raw water to the south side of the Haven, supporting decarbonisation and renewable projects.

Cross Haven Interconnector

Multi Utility Service Transit (MUST)



Benefits to South Wales

Connects Industry across the Haven for further economic development and decarbonisation.

- Reduces existing and future abstraction from the Haven
- Early construction jobs and skills development.

Benefits to Dragon:

- Eliminates Scope 1 Emissions
- Creates a commercial opportunity for CO₂ liquefaction and shipping utilising existing skill sets.

Benefits to RWE:

- Obtains a customer for waste process heat
- Receives a cold return allowing cooling of additional decarbonisation projects without further abstraction
- Route to additional hydrogen demand
- Route for CO₂ disposal from one of the UK's most efficient CCGTs
- Transport of bulk raw water to Pembroke site.