



V Net Zero Pipeline – DCO

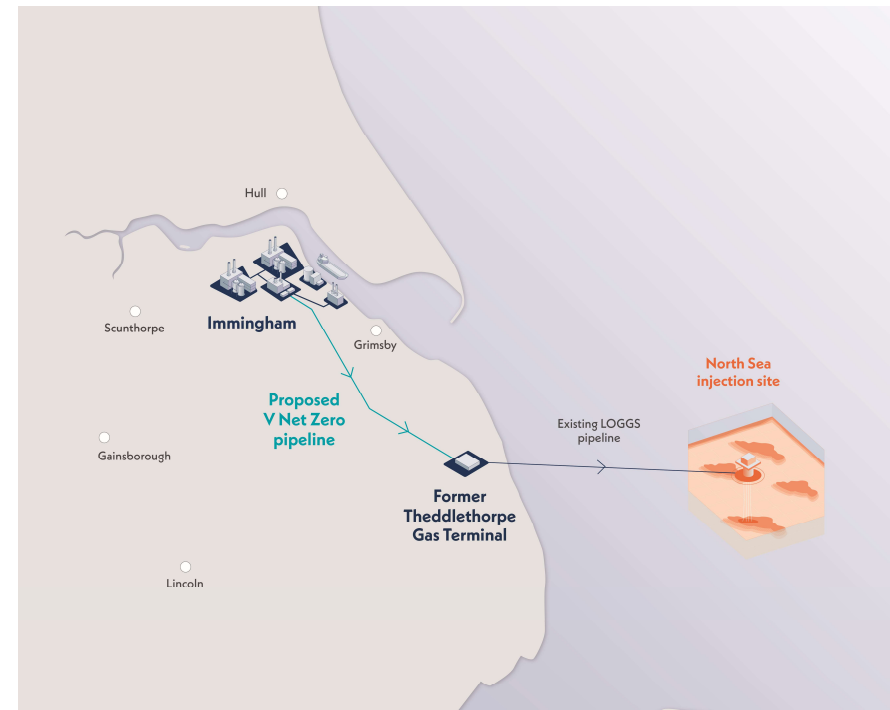
Forming part of the V Net Zero
CO₂ Transport and Storage Project

Information for Theddlethorpe Parish Council – May 2022

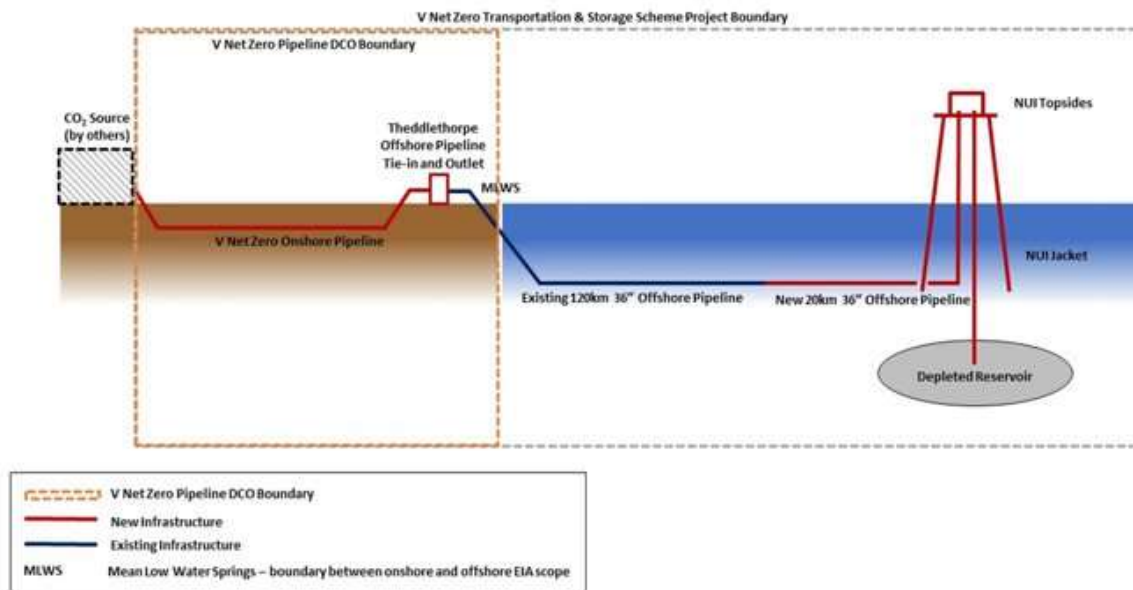
AECOM

VNZ CO₂ Transport and Storage Project

- Industry-led project to transport CO₂ and store up to 11 million tonnes annually by 2030
- Oil and Gas Authority awarded Harbour Energy a CO₂ appraisal & storage licence in 2021
- Utilise diverse depleted gas reservoirs in the North Sea (over 300 million tonnes storage capacity) which Harbour Energy has operated for more than 40 years
- The stores benefit from a 'SuperSeal' providing a highly competent cap rock to contain the stored CO₂ over geological time



V Net Zero Pipeline Proposed Development



- New c.53-kilometre, onshore pipeline connecting Immingham to Theddlethorpe Gas Terminal site for export to offshore CO₂ stores
- Minimising environmental impacts by repurposing an existing Harbour Energy operated high-capacity 120-kilometre offshore pipeline

V Net Zero Pipeline Corridor

- Working on developing the best possible route for the pipeline for over a year
- Considered a number of factors when deciding on a corridor that the pipeline will be constructed within
- This includes the presence of protected habitats and species, Areas of Outstanding Natural Beauty and built-up areas, among other factors



Theddlethorpe

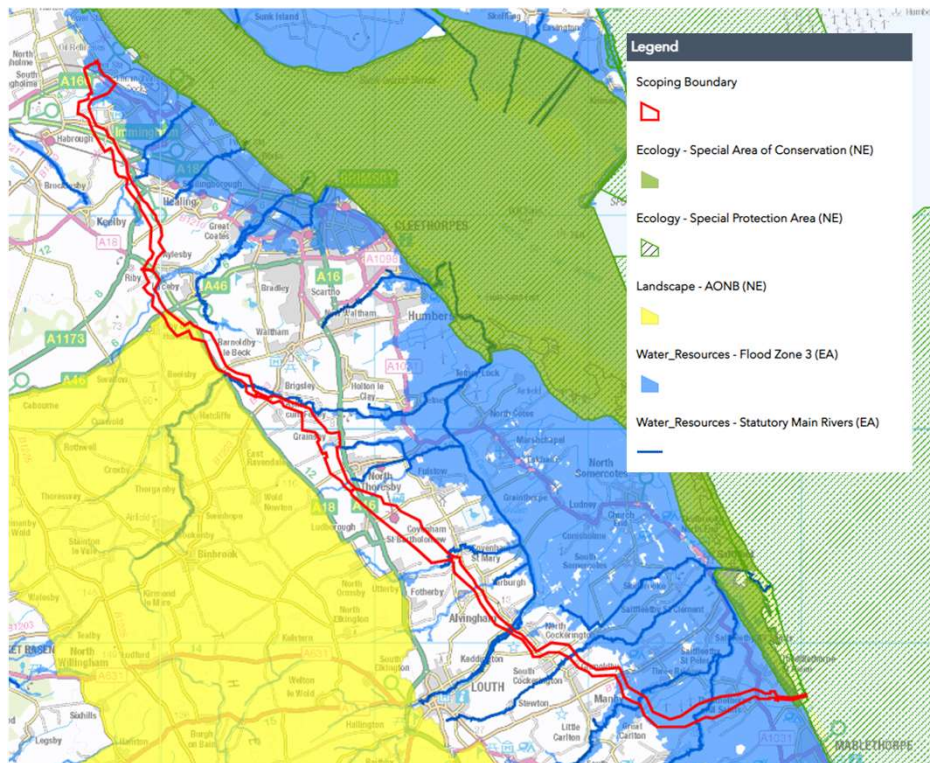
Former Theddlethorpe Gas Terminal (TGT) is a brownfield site which will provide the following key functions:

- Connecting CO₂ onshore and offshore pipelines
- Pipeline isolation
- Venting and depressurisation capability
- Offshore pipeline over-pressure protection system
- Pipeline protection system



Former Theddlethorpe Gas Terminal August 2021

Environmental/Engineering Considerations



Key considerations for pipeline routeing:

- Proximity to local communities
- Lincolnshire Wolds ANOB
- Landscape, historic environment and heritage considerations
- Ecological designations
- Water environment – in particular flood zones
- Existing planning permissions for other developments
- Ease of access for construction
- Ground conditions

EIA Scoping, Surveys and Beyond

- V Net Zero Pipeline EIA Scoping Report has been issued to the Planning Inspectorate, which includes:
 - An initial redline boundary including clarity over rights sought at different locations (e.g. at Theddlethorpe Dunes)
 - Details of the existing environment and the proposed environmental baseline studies to be undertaken
 - An outline of the proposed approach to assessment of impacts (including wider cumulative impacts)
 - An initial identification of the potential impacts and significance of effects; and
 - Clarity on the technical topics proposed to be scoped in and clear justification for scoping any topics out
- Preliminary Environmental Information Report to be prepared Summer 2022
- Main Environmental Statement to be prepared for submission Winter 2022/23
- Five days of face-to-face consultation held in April/May 2022.

Relevant planning applications

A search for planning applications has been undertaken to understand the implications of the Proposed Development.

- **Application Reference: PL/0060/20** – for the installation and operation of an underground gas pipeline up to 750 m in length, connecting the existing Saltfleetby/Theddlethorpe underground gas pipeline to the National Grid National Transmission System, Theddlethorpe. Gained consent in August 2020.



Consultation and engagement



Virtual Consultation Room open until 7th June –
www.vnetzeropipeline.co.uk



Online survey at
www.vnetzeropipeline.co.uk



Email at
vnetzeropipeline@aecom.com

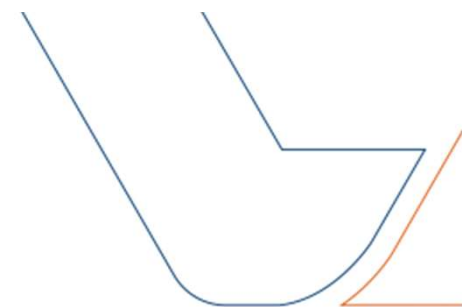


Phone on **07917986094**



By mail at
**Freepost VNZ PIPELINE
CONSULTATION**





Consenting / Submission Programme





Thank you

