

HyNet North West Hydrogen Pipeline

Project Overview

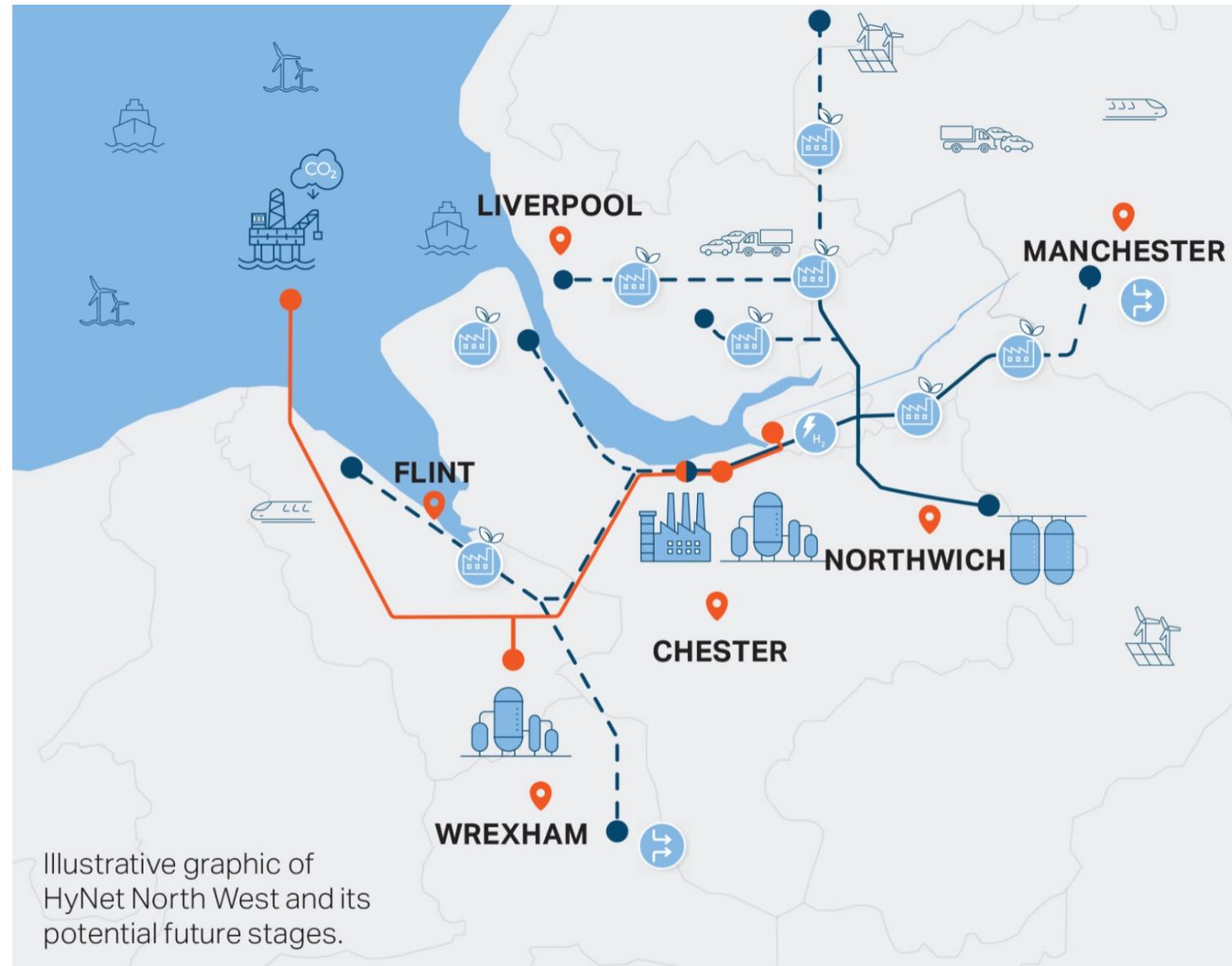
UKOPA Technical Seminar
25th May 2022

Agenda

- What is HyNet?
- Hydrogen Pipeline Network
- Project Timeline
- Summary of Proposals
- Route Corridors
- Routing Next Steps
- Q&A

HyNet North West – Delivering a Low Carbon Future

- HyNet North West is a groundbreaking energy project that will primarily support industry, as well as blending hydrogen into the existing gas network
- It will produce, store and distribute hydrogen, as well as capture and store carbon from industry
- With a strong history of innovation and industry, the North West is a natural choice to lead the UK toward decarbonisation and reaching net zero



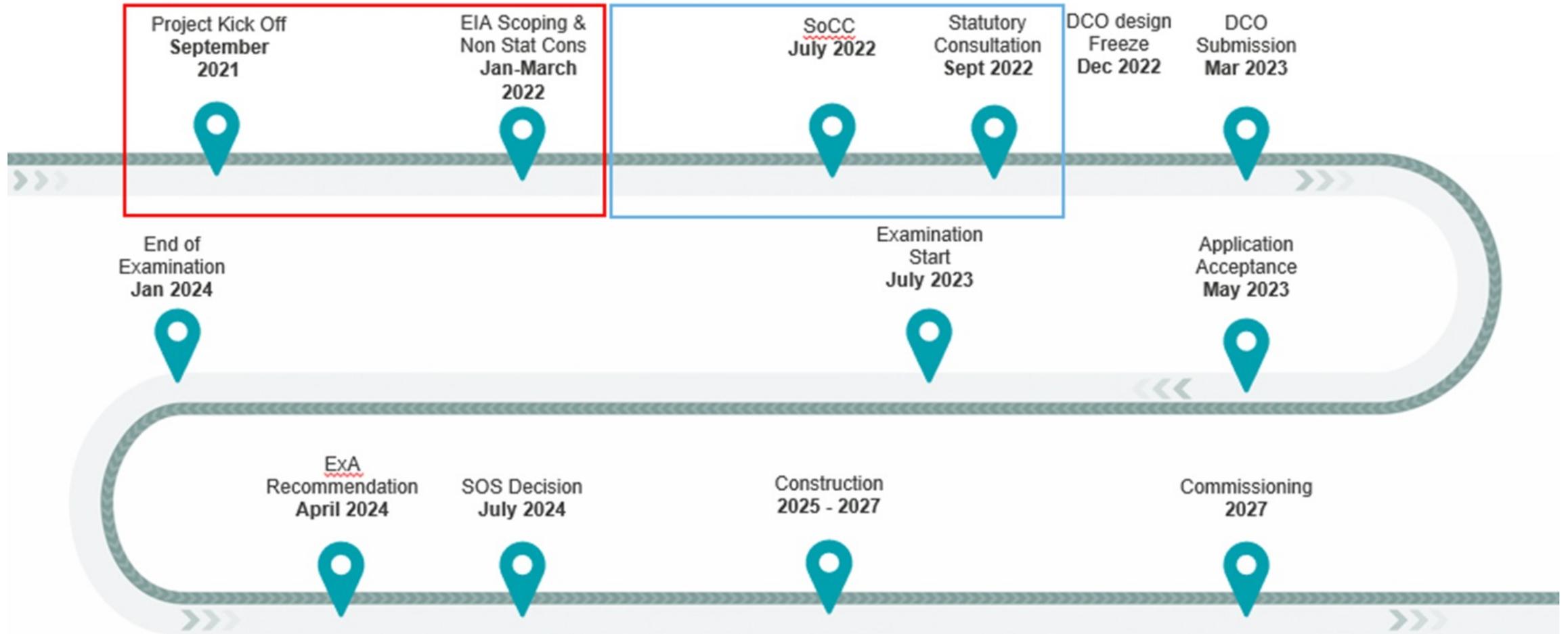
HyNet North West – Hydrogen Pipeline Network



Initial phases of hydrogen pipeline (solid line)

Potential future phases of hydrogen pipeline (dashed line)

Project Timescales

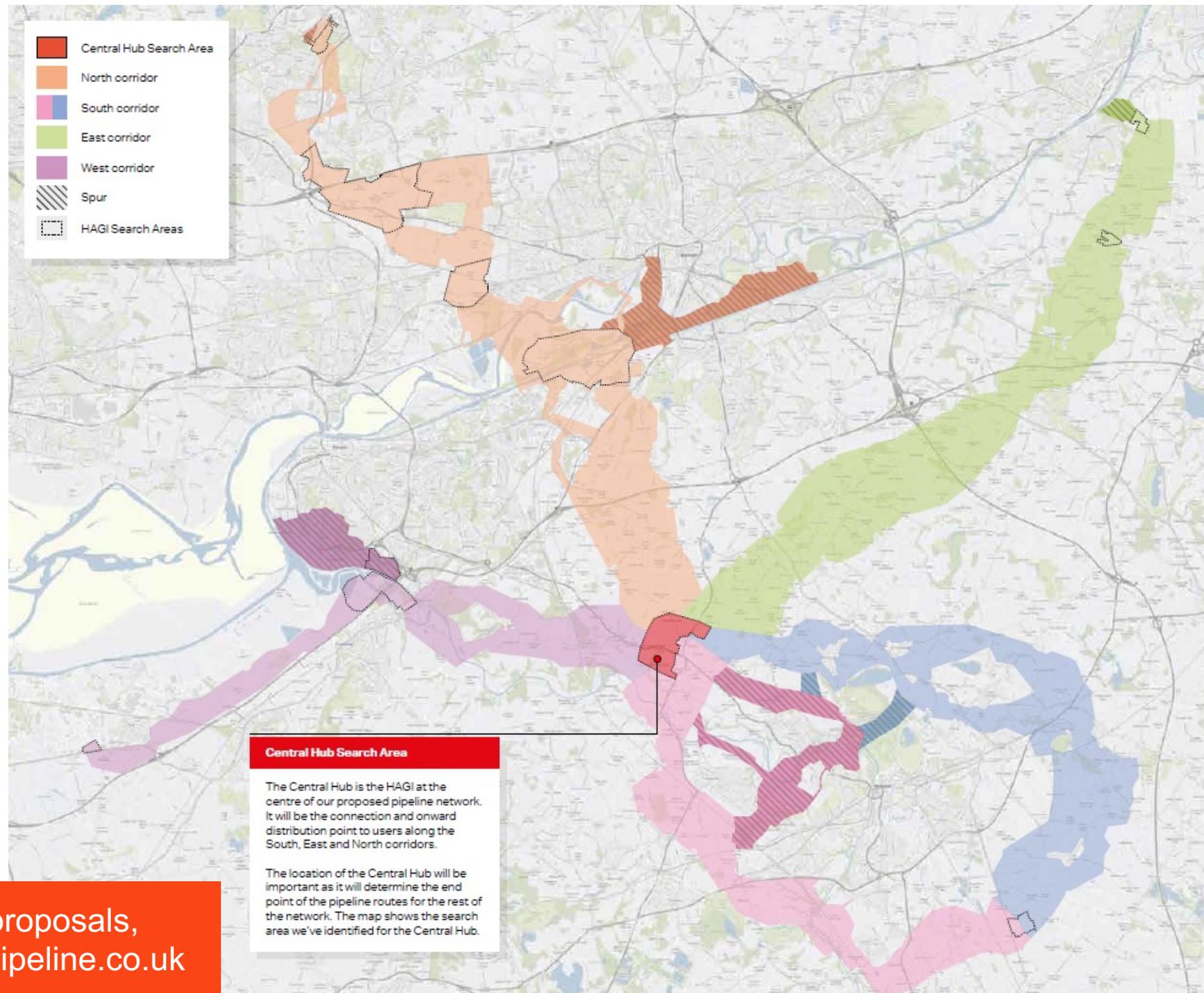


Summary of our proposals

- Around 125 kilometres of new, primarily underground gas transportation infrastructure
- The pipeline will connect a number of defined end points, distributing hydrogen to industry and blending hydrogen into the existing network
- At certain points along the pipeline, we will need some above ground infrastructure. We call these Hydrogen Above Ground Installations (HAGIs)
- We have developed a broad route corridor within which the pipeline could be routed. We have also identified search areas for where our HAGIs could potentially be located

Defined end points	Why it's needed
Hydrogen production facility at Stanlow Manufacturing Complex	Provides a source of hydrogen to supply the pipeline network
Hydrogen storage facility, near Northwich	Allows hydrogen to be stored at times of peak supply and released into the network to meet demand
Blending to the existing gas network, near Warburton and Partington	Allows hydrogen to be blended with natural gas and supplied into the wider pipeline network
A cluster of industrial operations across the project area	Helps decarbonise industry in the region

Overview of Route Corridor



For a detailed interactive map of our proposals, please visit feedback.hynethydrogenpipeline.co.uk

Routing Next Steps

- Developing Red Line Boundary
- Preliminary Environmental Information Report Design Freeze
- Ground Investigation
- Refinement
- Leading to Statutory Consultation



Q&A

Please visit
hynethydrogenpipeline.co.uk

