



LTS Futures

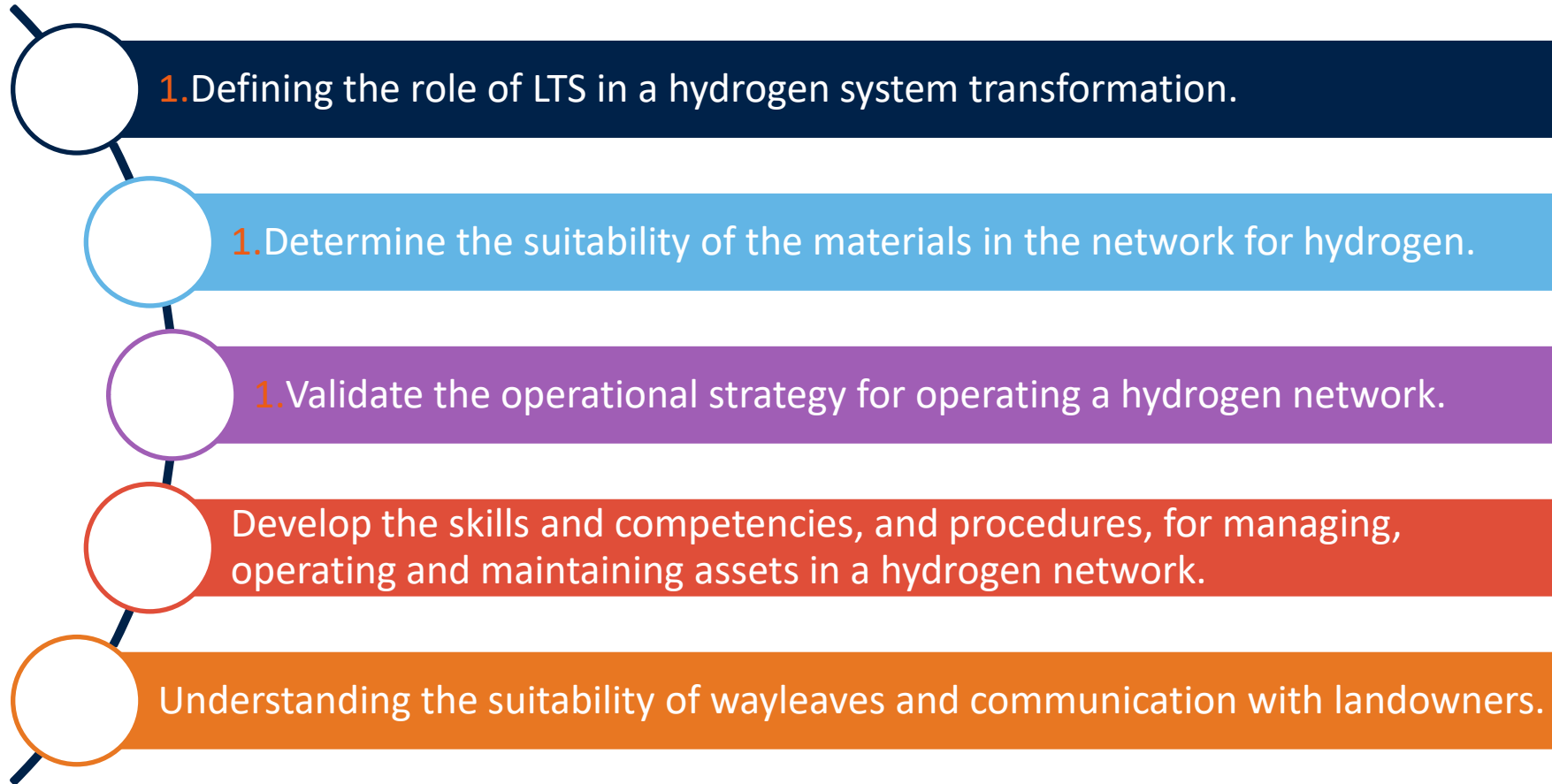
Gemma Simpson



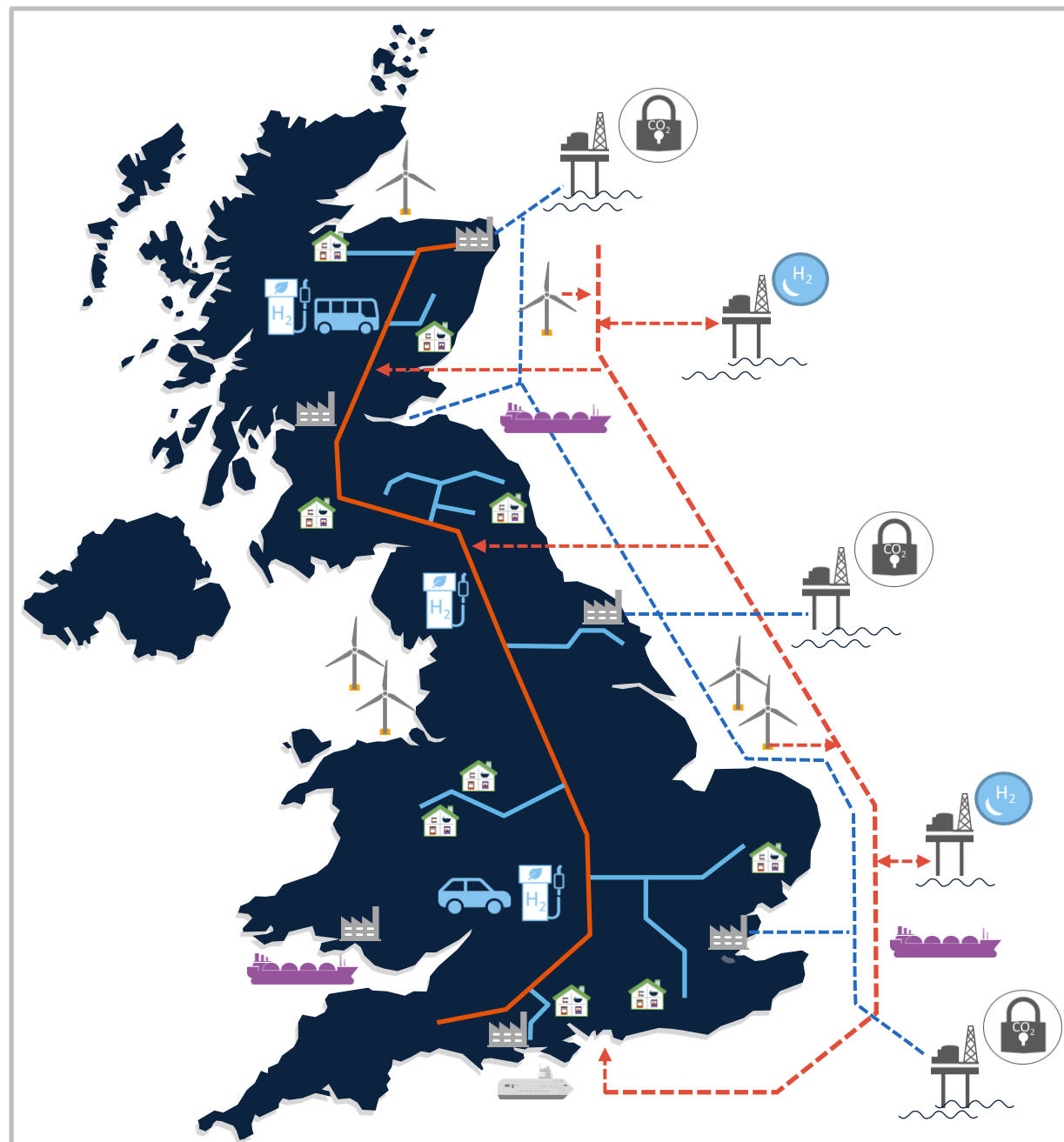
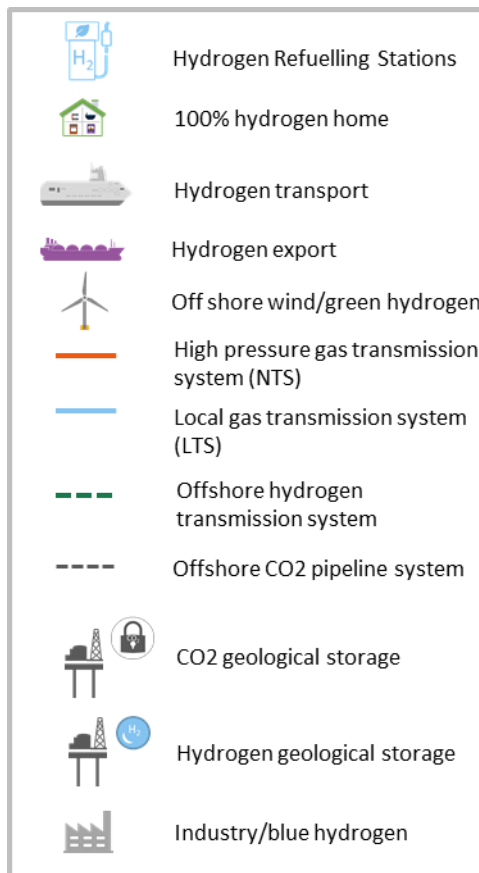
SGN

Your gas. Our network.

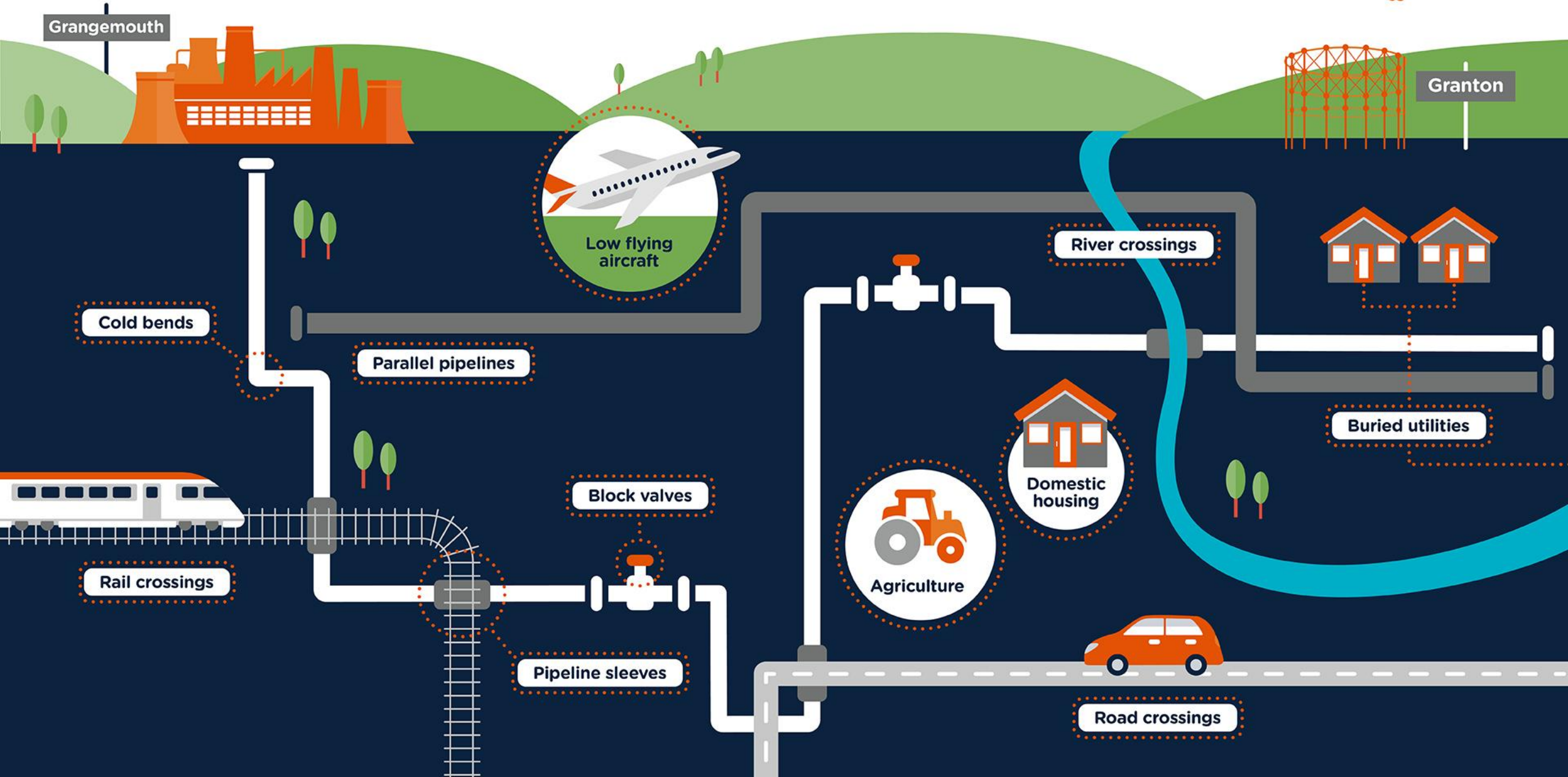
What is LTS Futures?



End States



Why Grangemouth to Granton?



Grangemouth

Granton

Low flying aircraft

Cold bends

Parallel pipelines

River crossings

Buried utilities

Domestic housing

Agriculture

Rail crossings

Block valves

Pipeline sleeves

Road crossings

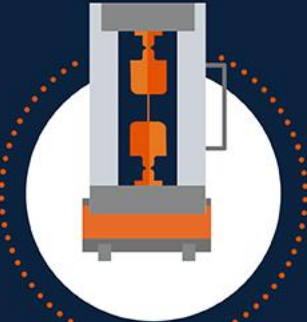
Element 1

Live trial design and construction



Element 2

Lab testing



Element 3

Offsite testing



Element 4

Live trial



Element 5

QRA and safety



Element 6

Knowledge dissemination

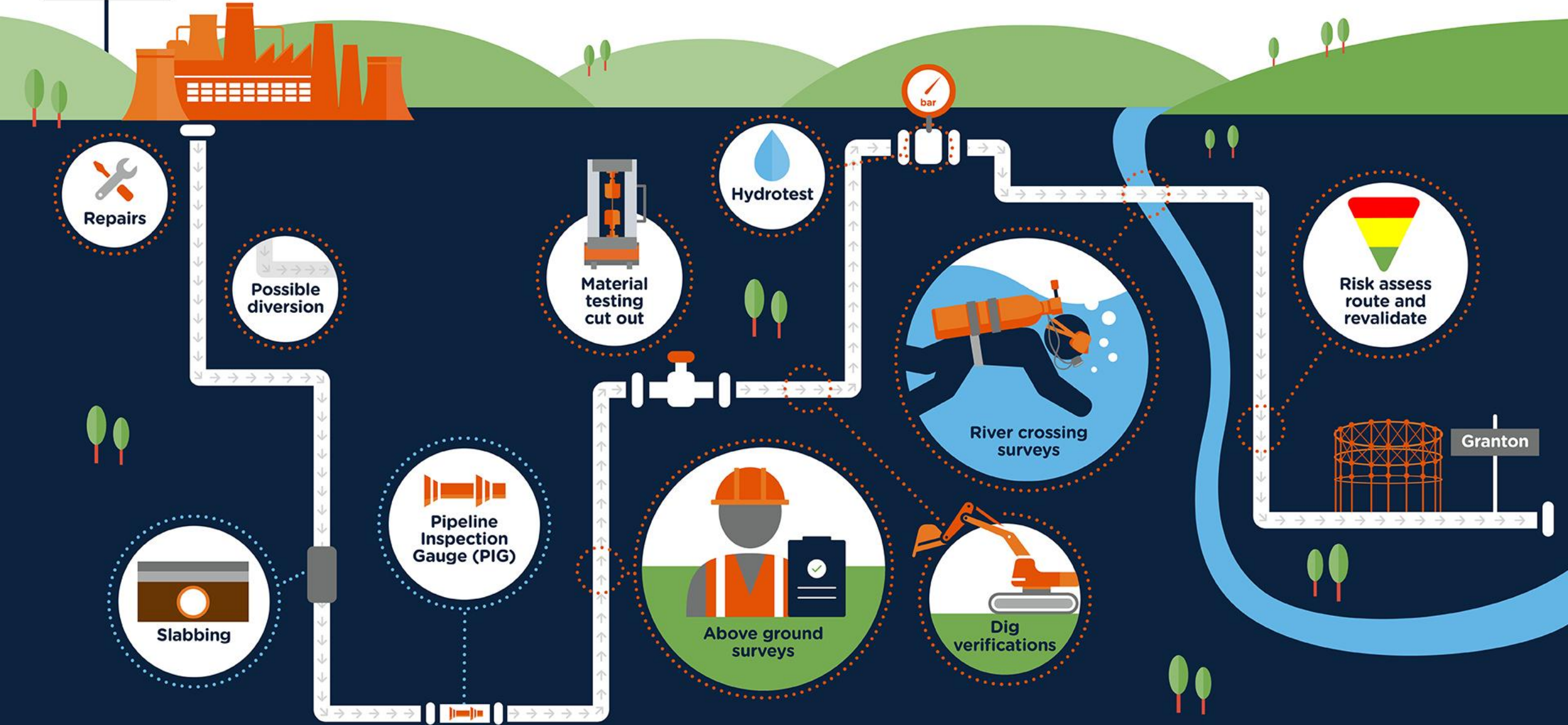


Blueprint and cost assessment

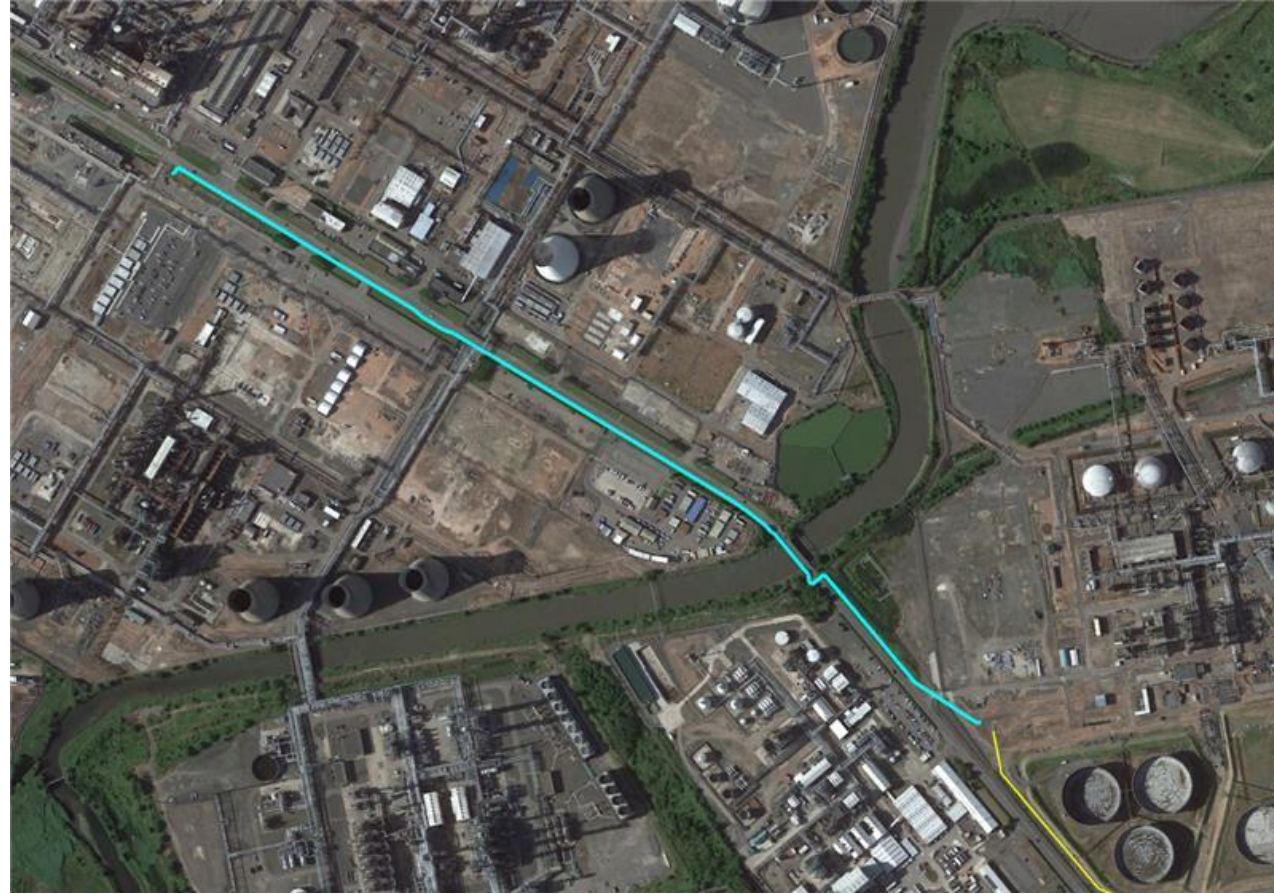


Stage gate 1 : Can the Grangemouth to Granton pipeline be repurposed?

Grangemouth



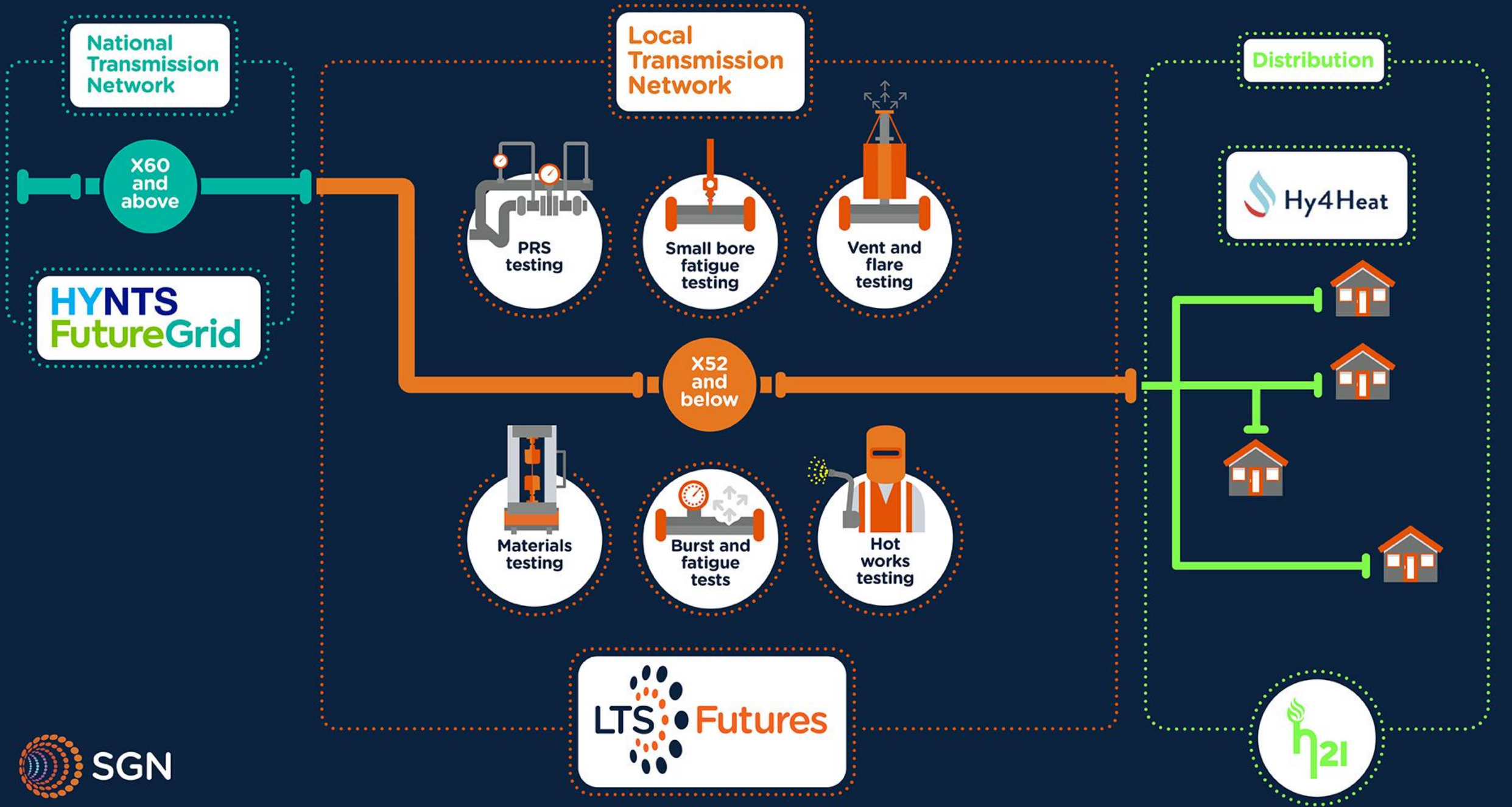
Hydrogen supply pipeline



Research

Materials and full-scale testing

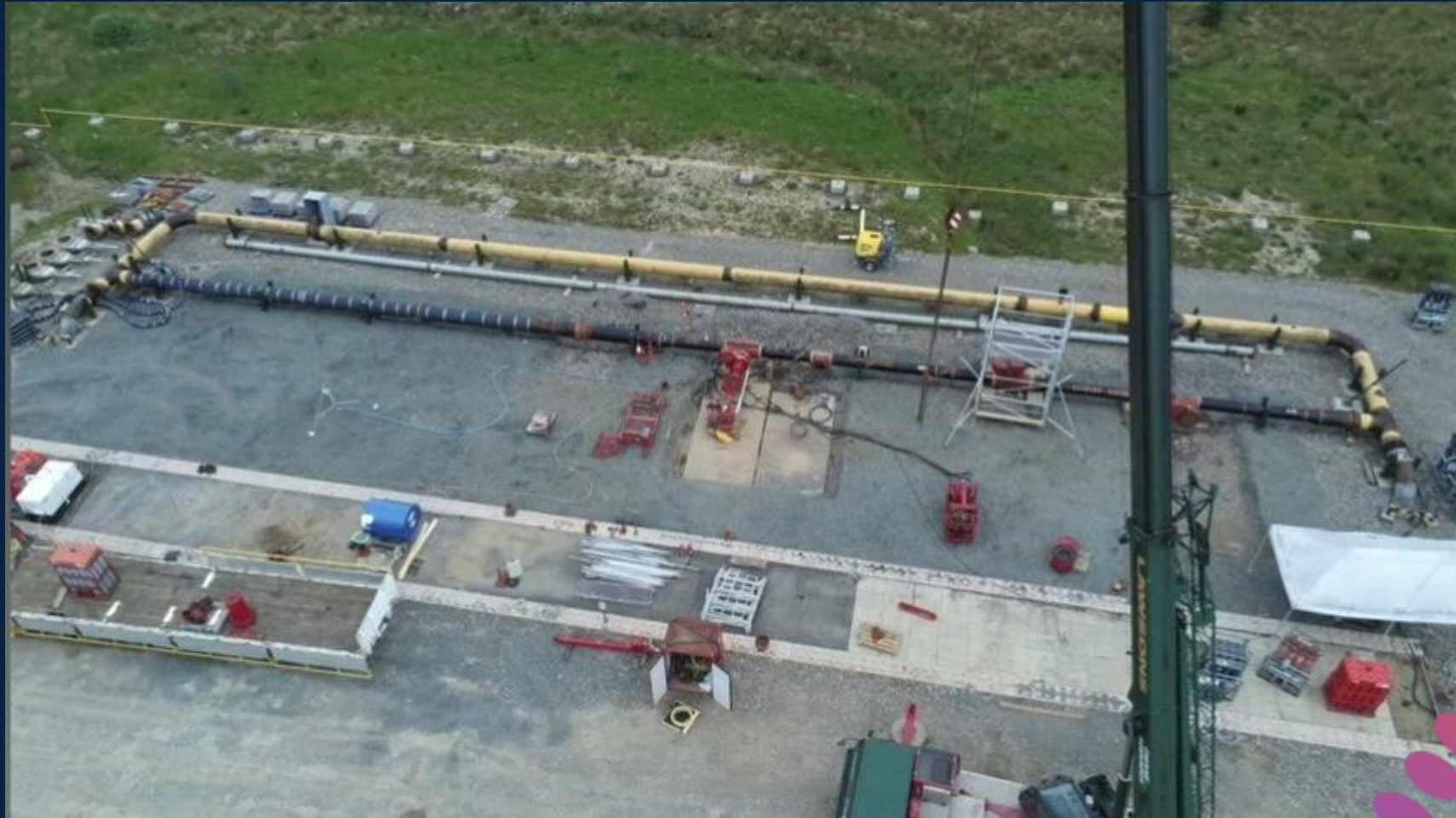




Burst Testing



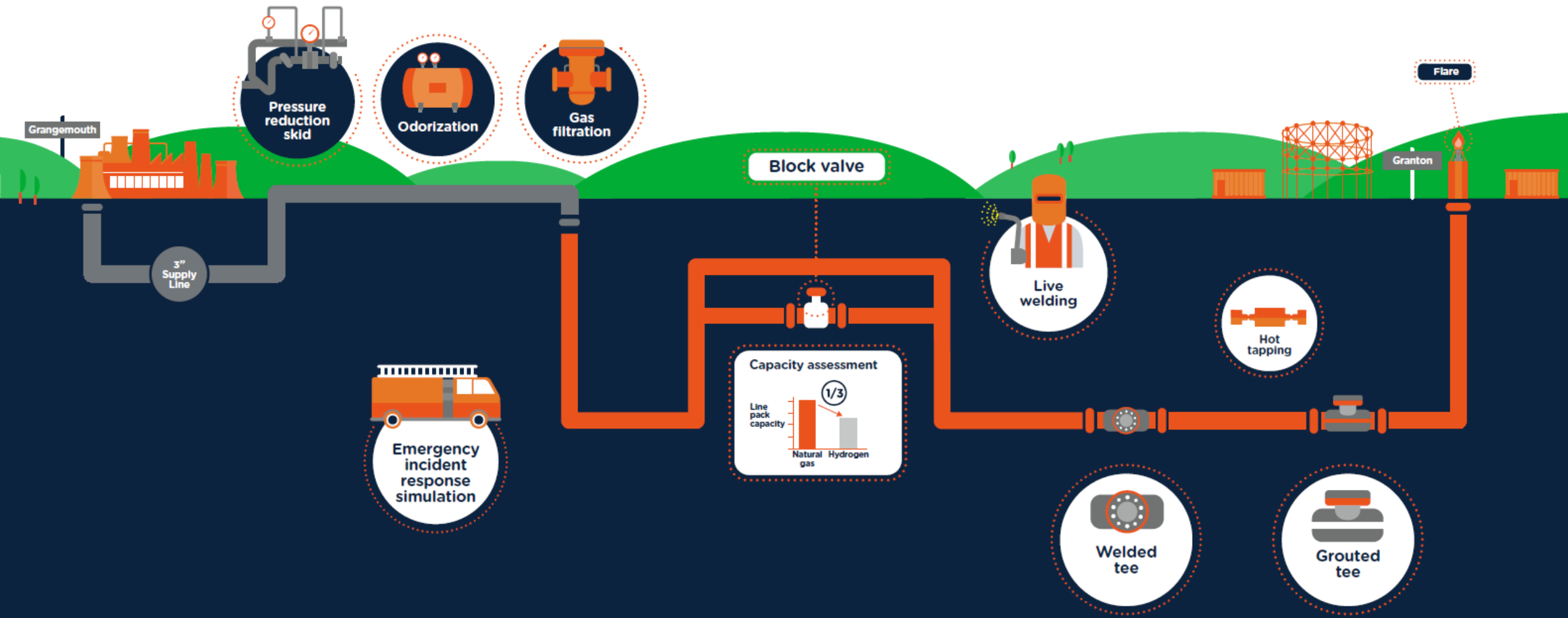
New connections to hydrogen pipelines



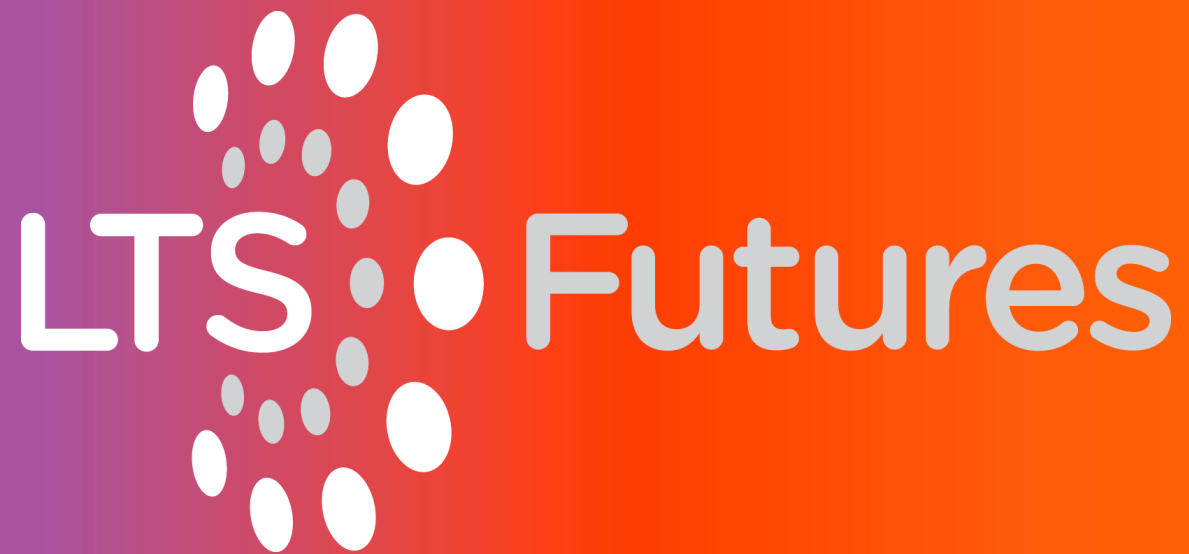
New Connections



First of a kind live trial





The logo for LTS Futures features the letters 'LTS' in a bold, white, sans-serif font. To the right of 'LTS' is a decorative graphic consisting of a central white circle surrounded by several smaller, semi-transparent white circles of varying sizes, arranged in a roughly circular pattern. To the right of this graphic is the word 'Futures' in a white, sans-serif font.

LTS Futures



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