

Annex A

Acorn Project

Image 1

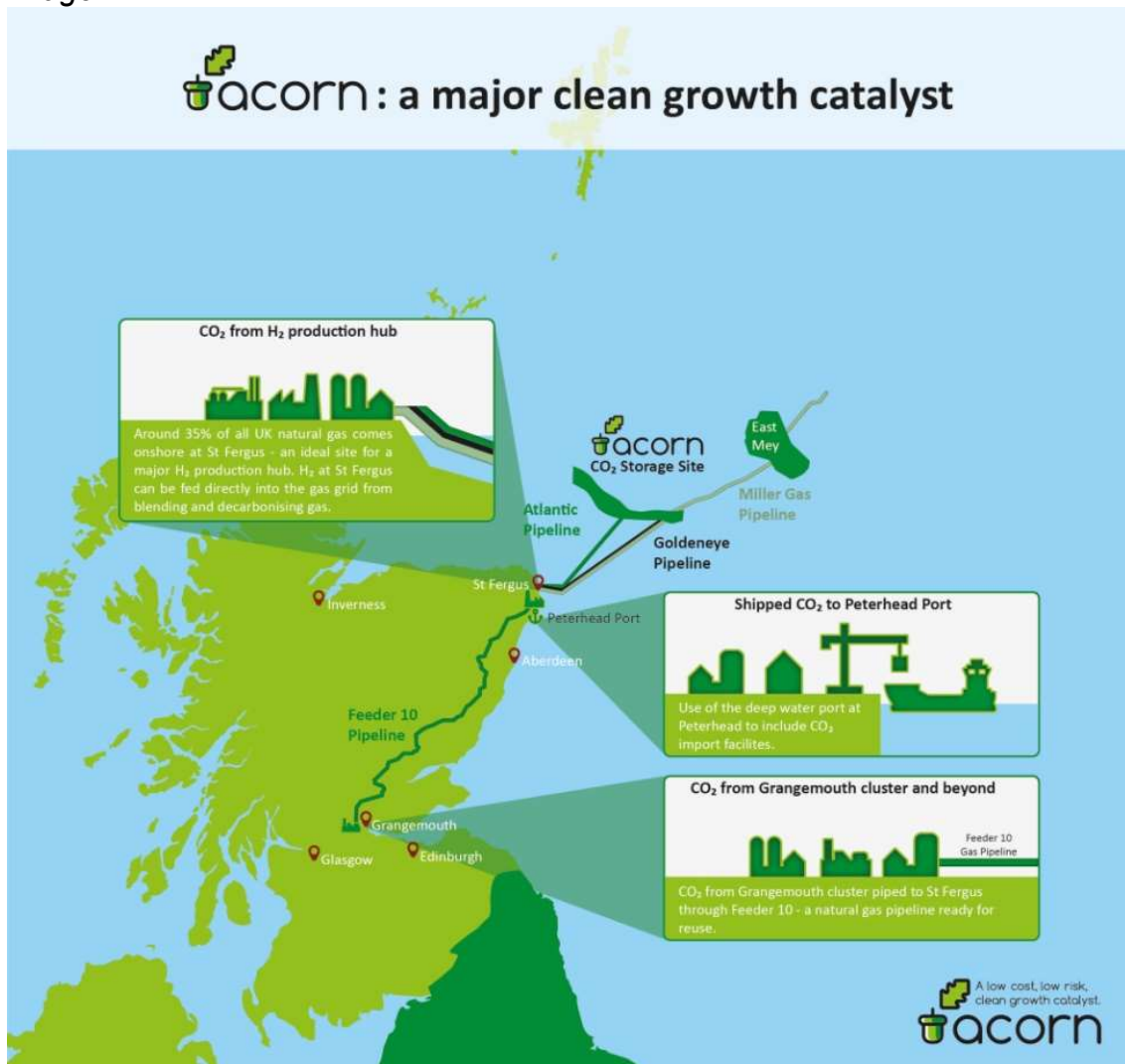


Image shows the development of the Acorn CCS project. Phase 1 encompasses CCS transportation and storage. Phase 2 looks to expand into the production of low carbon hydrogen at St Fergus gas terminal, shipping CO₂ into Peterhead harbour from other parts of the UK as well as Europe, and transporting CO₂ from the Grangemouth industrial area via the Feeder 10 pipeline or ship.

Hydrogen Production

Image 2

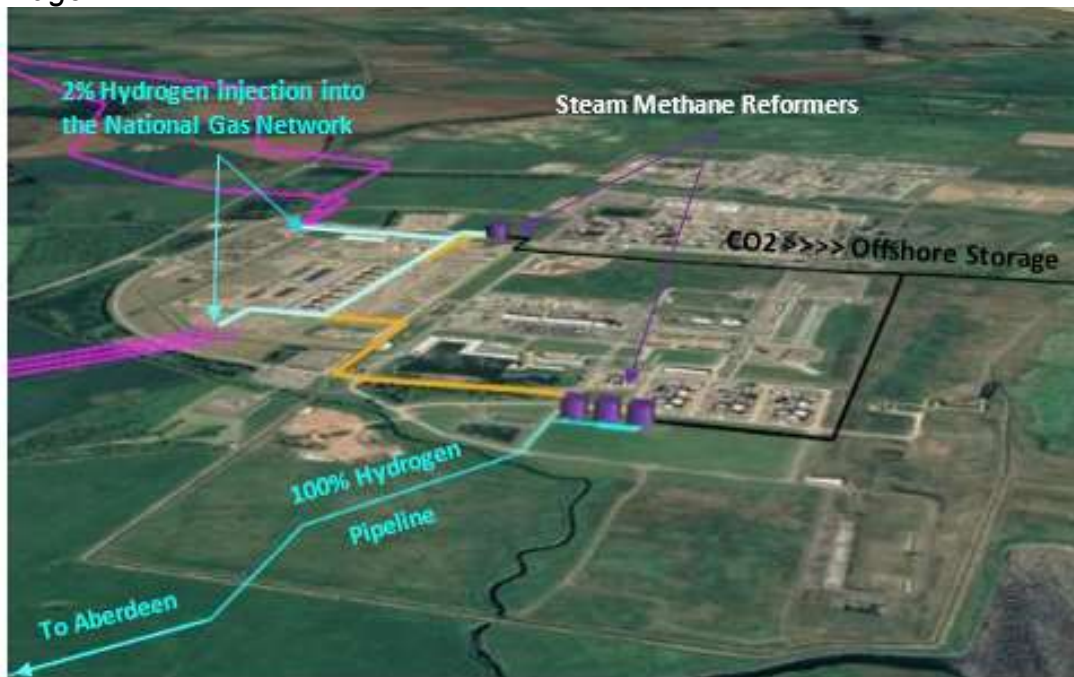


Image 2 shows St Fergus Gas Terminal and the proposed location of a Steam Methane Reformer (SMR) locations.

Image 3

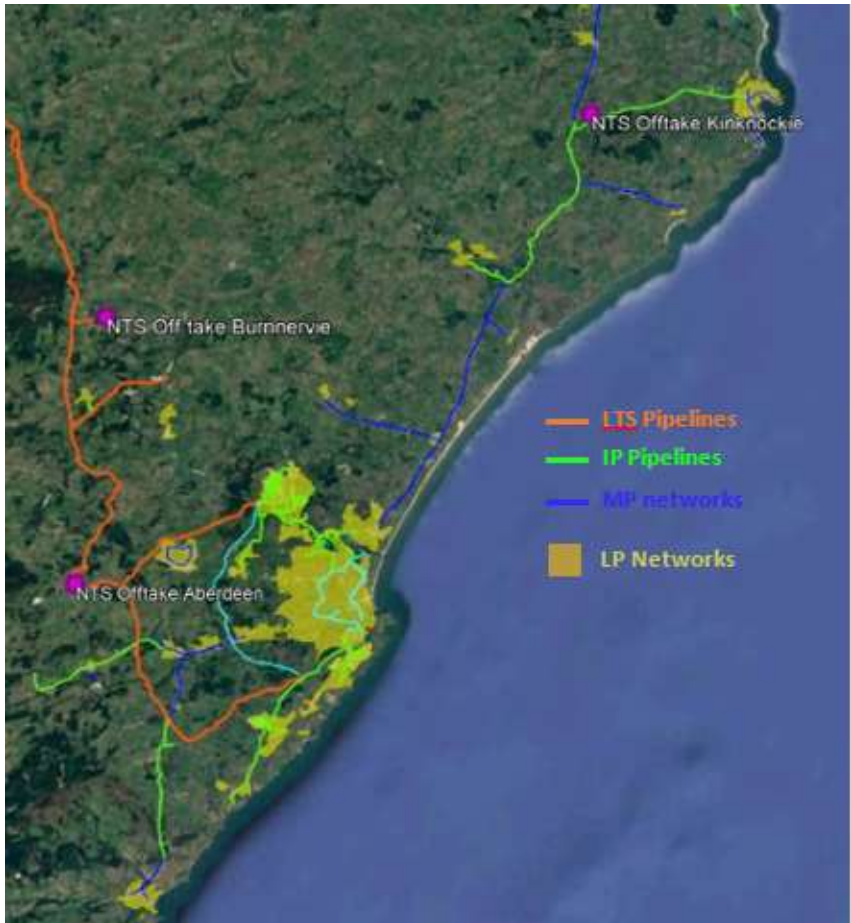


Image 3 shows the current Gas Network Infrastructure
Image 4



Image 4 shows the development of hydrogen within the gas network. This includes the construction of a hydrogen Pipeline as part of the Aberdeen vision project as well as 20% network blending into the existing gas network.