

# Blue Hydrogen Project | 2021 to 2023

Kellas Midstream Limited

Customer: Managing Director, New Energies

**Project phase:** Appraise, Select

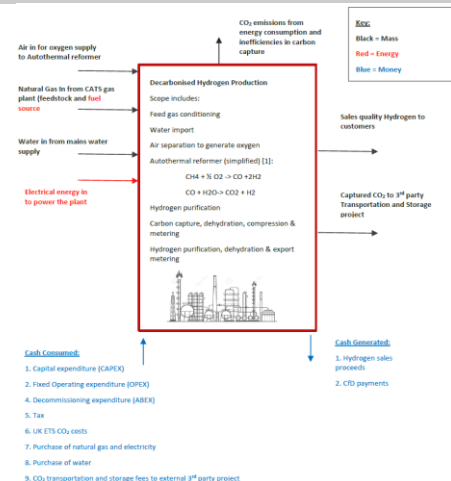
**Dundas scope:** Project management  
 Cost and schedule estimation support  
 Economic model building  
 Estimation of input data  
 Carrying out evaluations and provision of advice  
 Assistance in definition of a commercial structure  
 Project framing

## PROJECT DESCRIPTION

Kellas Midstream Limited is an independent energy infrastructure company with an established portfolio of critical assets in the Central and Southern North Sea. Kellas is studying a large scale Hydrogen project.

The project involves building a reformer at the Kellas Teesside plant to convert natural gas to Hydrogen, with sales to multiple heavy industry consumers in the Tees valley to help them to decarbonise.

Kellas retained Dundas consultants Ltd to provide multi-disciplinary advisory support over a two year period of Appraise and Select studies.



## DUNDAS ROLE

Dundas assisted with a multi-discipline team effort including:

- Origination of the economic model including the CfD framework
- Preparation for engagement with Government representatives
- Economic modelling work to meet specific requirements of Blackrock, 50% owner of Kellas
- Economic evaluations
- Provision of the project manager
- Project controls – cost and schedule
- Project framing facilitation to define the commercial structure
- Commercial advisory services

Clear recommendations were made to senior management in formal written reports and summary presentations.



Figure 5-1: Proposed CfD Structure