

# STOREGDA

## EMISSIONS, AIR QUALITY AND CLIMATE CHANGE

The hydrogen we produce will be compliant with the UK Government Low Carbon Hydrogen Standard (LCHS), established to ensure UK hydrogen production contributes to meeting emissions reduction targets. We will contract with electrical suppliers who can supply us with LCHS-compliant electricity from the grid.

When burned, hydrogen produces mainly water vapour, making it a low-carbon alternative to fossil fuels which release carbon dioxide (CO<sub>2</sub>), a greenhouse gas, into the atmosphere.



*Site Visualisation*

## NOISE

The site is in a predominantly rural area, adjacent to the A95. Appropriately designed hydrogen production facilities of the type proposed do not generate significant noise in operation. Noise impact assessments will be completed in accordance with the appropriate standards and any required mitigation measures incorporated into the facility as we progress through the design process.



*Site Visualisation*