

CaseStudy

PROJECT VANGUARD

We delivered a unique green hydrogen production and refuelling unit for a number of different vehicle types in Northwest England after being selected by Storengy UK through a competitive tendering process.



OBJECTIVES

- > Prove the reliability of the technology to generate and dispense hydrogen.
- > Define the benefits of operating refuse trucks powered by a dual fuel mixture of hydrogen and diesel.
- > Test the social acceptability of hydrogen as a transport fuel.

PROJECT INFORMATION

The hydrogen fuel is used by the council to support the rollout of two dual-fuel waste-disposal trucks which have been converted to run on hydrogen specifically for the project. Diesel powered waste-disposal trucks have poor fuel economy and consequently high emissions, due to their frequent stop-and-go operation. The hydrogen powered; ultra-low emission trucks are planned for use across Cheshire East where improving air quality is a key objective of the council. Storengy UK will also convert one of its fleet vehicles to dual fuel for use at its site.

