

NORTH EAST LOCAL AUTHORITIES TRIAL 'FUTURE FUEL' HVO FUEL



Company Overview

Established in 1967, North East Procurement Organisation (NEPO) works in partnership with North East authorities and the wider public sector to strategically procure high value goods and services. NEPO's procurement solutions feature a wide range of suppliers of varying sizes. Your NRG have held a contractual agreement to cater for NEPO's bulk fuel requirements since 2016.

The Challenge

As part of NEPO's commitment to building a sustainable future for the communities they serve, NEPO were looking for a way to reduce their carbon emissions without compromising the procurement solutions that NEPO provide to the public sector.

The Solution

To aid the government's net zero by 2050 goal, Your NRG is now supplying HVO Fuel from its northern depots.

HVO Fuel is a paraffinic diesel fuel made from 100% renewable raw materials, providing a greener alternative to conventional diesel. **It can reduce greenhouse gas emissions by up to 90%** when used in diesel engines and machinery, **paving the way for a cleaner and greener future.**

NEPO, with the support of Your NRG, has decided to trial the use of HVO Fuel as part of its journey towards building a sustainable future. Northumberland County Council and Redcar & Cleveland Borough Council are already using HVO Fuel, supplied by Your NRG, to power a number of street sweepers and refuse collection vehicles.

Analysis by Northumberland County Council has shown that HVO Fuel emits 75 times less kg CO₂ equivalents per litre than conventional diesel, which was previously used to fuel street sweepers and refuse collection vehicles. Thanks to Your NRG and HVO Fuel, NEPO have successfully taken the step to reduce their environment impact.

At a Glance

OBJECTIVES

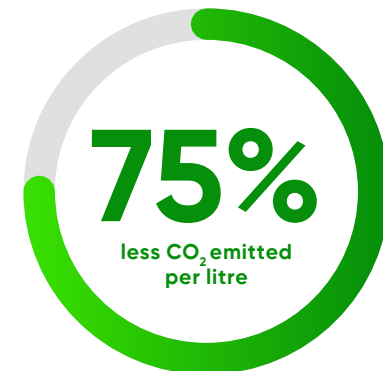
- Building a more sustainable future with compromising procurement services to the public sector.

PREVIOUS CHALLENGE

- Harmful CO₂ emissions emitted by standard diesel.

KEY INFO

- Northumberland County Council and Redcar & Cleveland Borough Council are using HVO Fuel to power a number of vehicles.
- Northumberland County Council confirmed that using one litre of HVO Fuel emits 75% less CO₂ equivalents compared to one litre of diesel.





As part of our commitment to building a sustainable future for our communities, we are continuously looking for ways to reduce our carbon emissions whilst providing procurement solutions for the public sector.

The trial with Your NRG and HVO Fuel, gives us the chance to explore fuels of the future, while lowering our environmental impact, without disrupting the operations of our members' fleet. So far, our partnership has been a great success and we are looking forward to continuing our journey to net zero with the help of Your NRG.



Marie Forster
NEPO, Energy Lead



HVO Fuel is a big step in the future fuels market for Your NRG. As a leading distributor of liquid fuels in the North East, we are very pleased to be leading the way in adding HVO Fuel to our portfolio of products and also working closely with local authorities and blue-chip companies. The interest and enquiries are growing by the day.



Lee Reason
Your NRG, Commercial Director

Cleaner, Sustainable Fuel

HVO Fuel has a lower carbon footprint and a higher energy density, in comparison to conventional diesel. HVO Fuel emits significantly less harmful greenhouse gas emissions. By making the switch to HVO Fuel, greenhouse gas emissions can be reduced by up to 90%.

Direct Drop-In Replacement

HVO Fuel is a drop in and go fuel, approved by a wide variety of OEMs as direct replacement for use in diesel engines without modifications. HVO Fuel is an ideal and cost effective future fuel.

Outstanding Performance

HVO Fuel has a longer shelf life and better cold weather performance than conventional diesel due to being FAME-free. It has a naturally low cold filter plugging point (up to -30 degrees) boasting excellent cold weather performance. Furthermore, HVO Fuel has improved combustion compared to some diesel alternatives, igniting quickly and efficiently.

DELIVERING A GREENER FUTURE