



FUTURE OF RURAL HEATING IN GOOD HANDS WITH



HVO



What is HVO?

HVO is an environmentally friendly alternative to some liquid fossil fuels such as kerosene (home heating oil) and diesel. HVO is manufactured mainly from waste using "hydrotreatment" in order to produce a clean burning, high energy fuel similar in characteristics to paraffin.

Following some simple and cost effective alterations, HVO can be used in a heating oil system instead of fossil fuels to create large amounts of heat quickly on demand thus helping to create warm homes.

What are the advantages of HVO?

- ▶ Can be used effectively to heat large or older homes quickly due to its high energy content.
- ▶ Reduces carbon emissions by 88% compared to home heating oil.
- ▶ Many types of renewable energy systems for heating homes require large investments and changes to existing infrastructure such as radiators and in some cases upgraded supply of electricity to your home. The move from heating oil can be done quickly with minimal changes or disruptions to your existing system.
- ▶ The move to HVO is low in cost both financially and in carbon:

**HELPING THE ENVIRONMENT WITH LOWER CARBON EMISSIONS
PRODUCE A WARM HOME QUICKLY WHEN YOU NEED IT
REDUCE COSTS AND DISRUPTIVE CHANGES TO YOUR HOME WITH A
CONVENIENT MOVE TO RENEWABLE ENERGY**

Will it be available before the ban on fossil fuel boilers in new homes?

Demand for renewable liquid fuel is increasing – and so is the supply of waste materials to manufacture them. Production of HVO in Europe is likely to rise in excess of 300% between 2020 and 2025.

The reduction in the number of diesel cars on our roads also acts to free up the capacity for renewable heating oil which is currently added to Road Diesel.

Recent moves by the UK Government to reduce duties on HVO also mean the UK is an attractive market for HVO producers.

So, the answer is **YES**.

What's the next step?

OFTEC in association with UKIFDA (Fuel Distributors Association) have been in close contact with the UK Government making the clear case for HVO. In particular they point to the massive investment both in time and money required for any effective installation of large numbers of other types of renewables for rural properties.

They are concerned that an "electrification only" strategy will lead to the use of inappropriate and in some cases ineffective heating systems being installed, leading to serious consequences for many of the more vulnerable members of the rural community.

The UK Government Heat Strategy, expected later in 2023, should recognise the benefits of HVO as a renewable heat source and work with the industry, its installers and service agents to transition from heating oil to HVO before any ban on fossil fuel boilers.

For further information:

**Visit, www.futurereadyfuel.info (or)
Contact your local Harlequin Area
Sales Manager**