



YOUR HVO FACTSHEET

What is HVO as a fuel?

Firebird's solution to reducing Ireland's domestic heating CO2 emissions by 3.3 million tons per annum.

Simply transition to HVO.



- 1 HVO is **100%** fossil fuel free.
- 2 HVO is a **clear liquid** that is part of the paraffinic family.
- 3 HVO fuel carries **International Sustainability** and **Carbon Certification** (ISCC), which is an independent certification system that rates various fuels based on their environmental effects. This means that HVO meets the minimum environmental, traceability, and social requirements.
- 4 HVO is also **fully biodegradable**, which means that in the event of a leak or a spillage of this fuel, any potential environmental damage will be minimal. HVO fuel is **compliant** with the EU REACH regulations under the OECD test guideline 301 B, which is another point in favour of its biodegradability.
- 5 The crops used in manufacturing HVO fuel **do not damage the environment** or the ecosystem. This makes HVO fuel a very **attractive alternative** for homeowners and companies that are seeking to go green.
- 6 HVO is produced from **waste, residue oils** and **fats**.

How does it work in your heating system

- **Drop in replacement for Kerosene**, so order from your normal fuel suppliers.
- Has a **10 year** extended storage lifespan in your tank.
- **Max €400 upgrade** cost to your boiler required.

Results

- 90% **reduction** in your GHG (Greenhouse Gas) emissions.
- On average an annual reduction of **up to 6 tons** of CO2 per household.
- Boiler's **high-efficiency** is maintained.
- HVO is **kinder to the boiler** with less deterioration over time.



This image illustrates the cleanliness of HVO (left) in comparison to Kerosene (right), being burned.

