

Net zero?
Why HVO fuel
is the way to go.

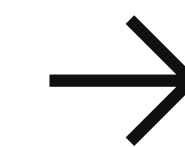


Contents

➔ Supporting your net zero journey	03	➔ Where can HVO be used?	09
➔ What is HVO fuel?	04	➔ We make it. You hire it	10
➔ HVO is good to go	05	➔ Expertise, solutions and HVO	11
➔ Why choose HVO?	06	➔ HVO fuel management	12
➔ HVO vs diesel	07	➔ Frequently asked questions	13
➔ How is HVO sustainable?	08		



We're 100% committed to supporting your net zero journey



As the pressure to decarbonise is becoming greater, we're committed to offering you flexible, affordable and sustainable choices, helping you strike the right balance between meeting your sustainability targets in the most economical ways.

Right now, one of the simplest and most effective choices you can make in reducing your local emissions and CO₂ is to switch to HVO. Reduce harmful emissions and CO₂ by up to 80%.

It's a lot easier than you might think. To help fuel your knowledge, we've put together this simple factsheet.

What is HVO fuel?

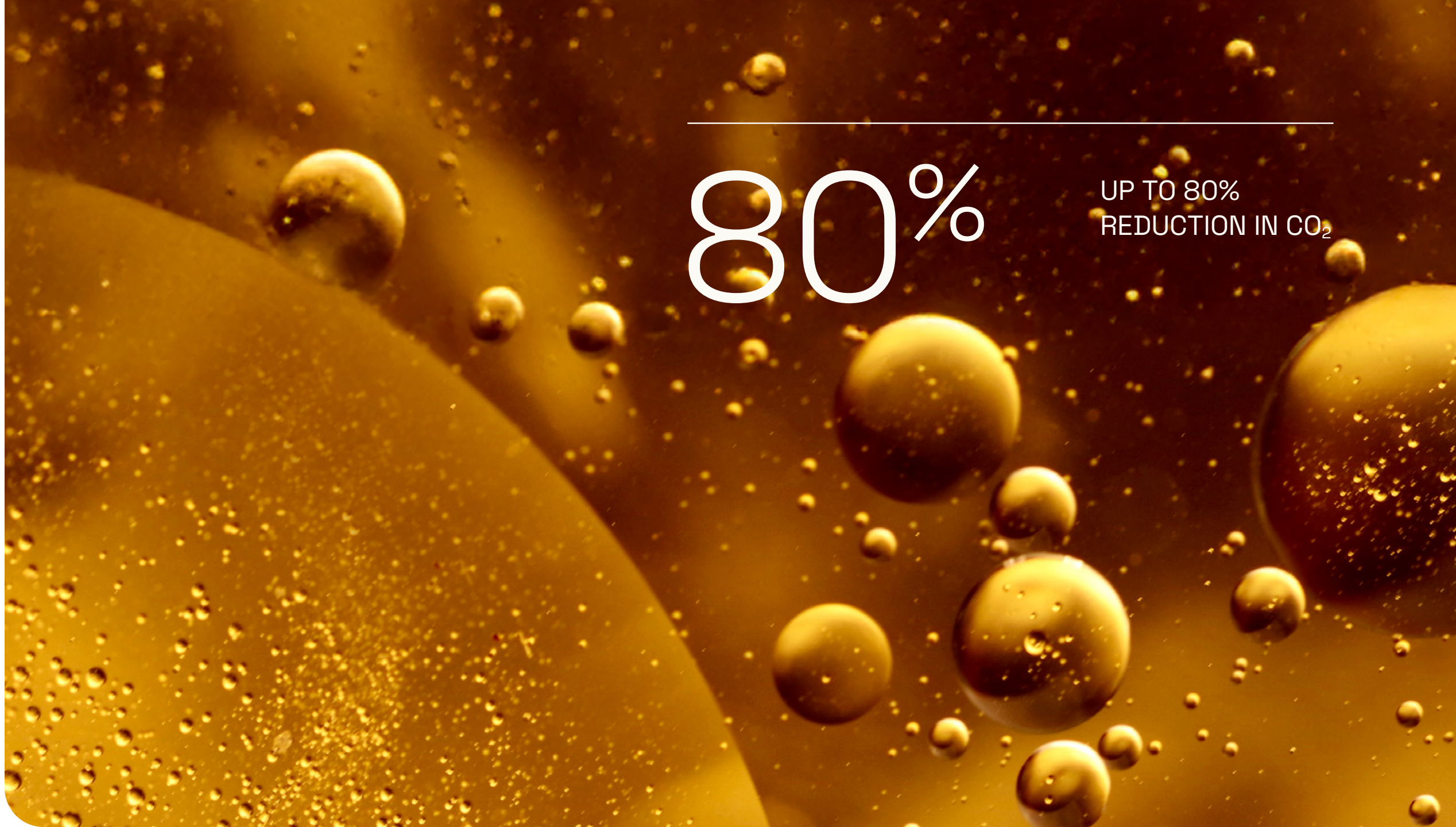
→ HVO stands for Hydrotreated Vegetable Oil. While conventional diesel is a fossil fuel made from crude oil, HVO is a superior type of biodiesel made from biological material, making it one of the cleanest, greenest fuels on the market.

→ Produced from vegetable oils or animal fats

→ Highly controlled hydrotreatment process produces an extremely pure, consistent fuel

→ Only waste materials are used for greater efficiency and zero impact on food supply

→ All raw materials are checked, verified, and audited by the Department for Transport to ensure both sustainability and product integrity are certified



80%

UP TO 80%
REDUCTION IN CO₂



HVO is good to go

We've used diesel in our generators for years and it's never let us or our customers down. So, we'll only recommend alternative fuels that are just as simple and effective to use, like HVO.

- Simply used as a drop-in fuel in all our generators
- Distributed, handled and stored in the same way as traditional fuel
- Full HVO fuel management service means we deliver your fuel when you need it
- No compromise on reliability even in cold weather
- Independent tests show generators running at optimum loads reduce emissions and fuel consumption further

Why use HVO fuel?

The major advantages of using HVO fuel are significantly reduced harmful emissions through much-improved burning efficiency and lower CO₂ emissions, which are better for the environment.

→ Eliminates up to 80% of net CO₂ greenhouse gas

→ Significantly reduces nitrogen oxide (NOx), particulate matter (PM) and carbon monoxide (CO) emissions

→ Biodegradable, non-toxic, and odour-free

→ High cetane number means HVO is more easily ignited for smoother running, greater power and cleaner performance

→ Safe to use in a wide range of applications



Did you know?

Every 1,000 litres of diesel burned produces 3.26 tonnes of greenhouse gas (GHG) CO₂e, compared to just 275 kg GHG CO₂e for every 1,000 litres of HVO burned.

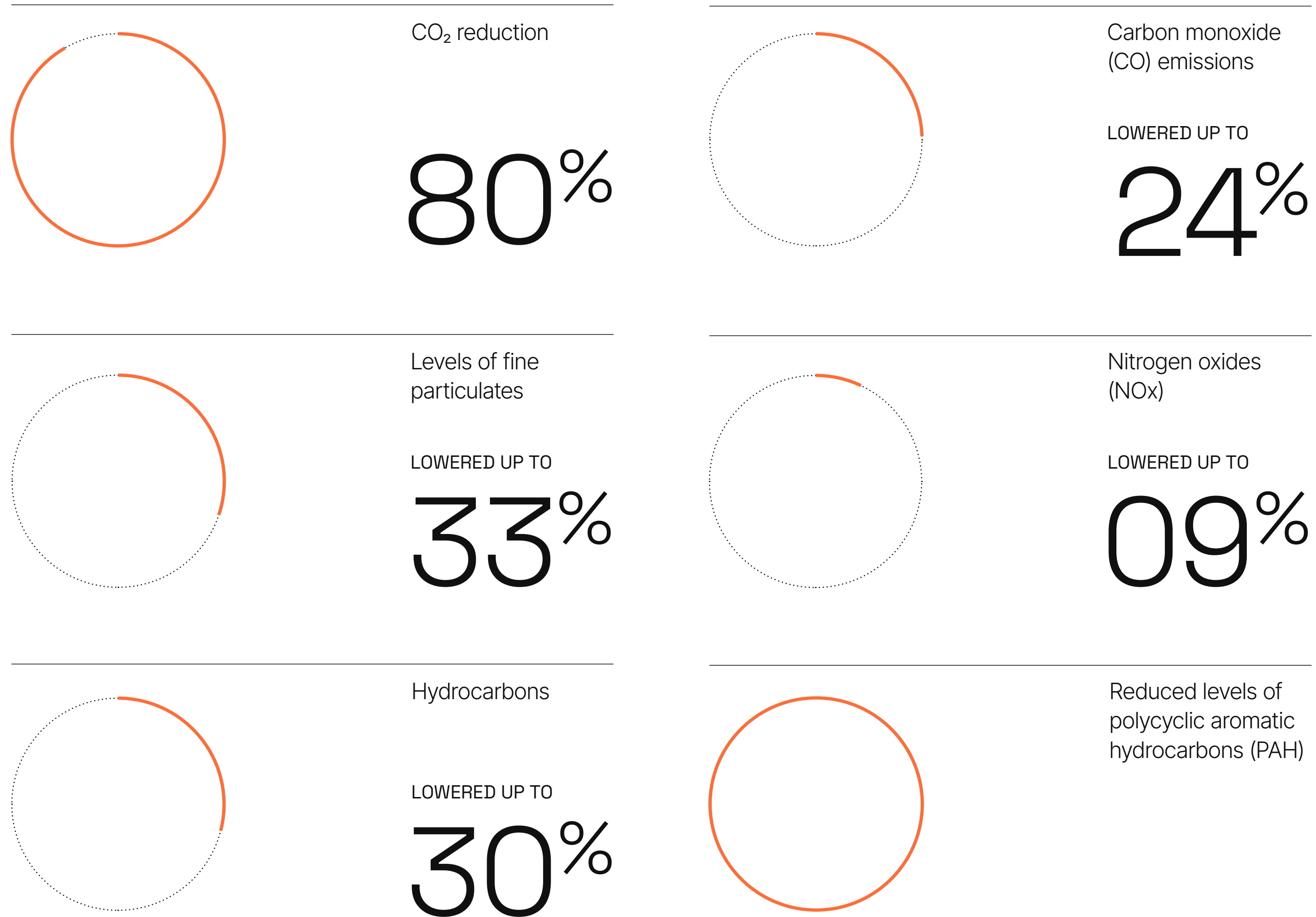
1000 litres of diesel burned

3.26 TONNES OF GHG CO₂E

1000 litres of HVO burned

275KG GHG CO₂E

HVO versus diesel



→ Easier to store than diesel with less threat of contamination over long periods.





How is HVO sustainable?

HVO is accepted by the UK Government as a renewable fuel:

- Must not contain products which contribute to global deforestation
- Must not contain products grown on land transferred from the production of food
- Must provide more than 60% GHG savings
- Must have independent confirmation of sustainability and GHG savings

Each import of HVO is certified by the ISCC and its GHG credentials confirmed and documented. Each proof of sustainability confirms:

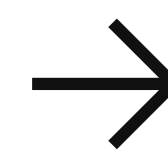
- Production facility
- Raw material original and type
- Supplier
- Traceability
- The ability to sell into the market

Where can HVO be used?

Everywhere. HVO fuel meets EN 15940 standards and, because it is a drop-in fuel, can be used in any engine, distribution and refuelling infrastructure, with no additional modifications or changes required.

It's just as easy to store as it is to use. HVO does not contain any esters or contamination, like regular diesel and FAME, which means it can be stored for extended periods of time, with no adverse effects on performance.

We recommend you start with a clean tank of HVO to guarantee its long storage life and high-quality attributes.



You're covered:
HVO will not invalidate engine warranties.

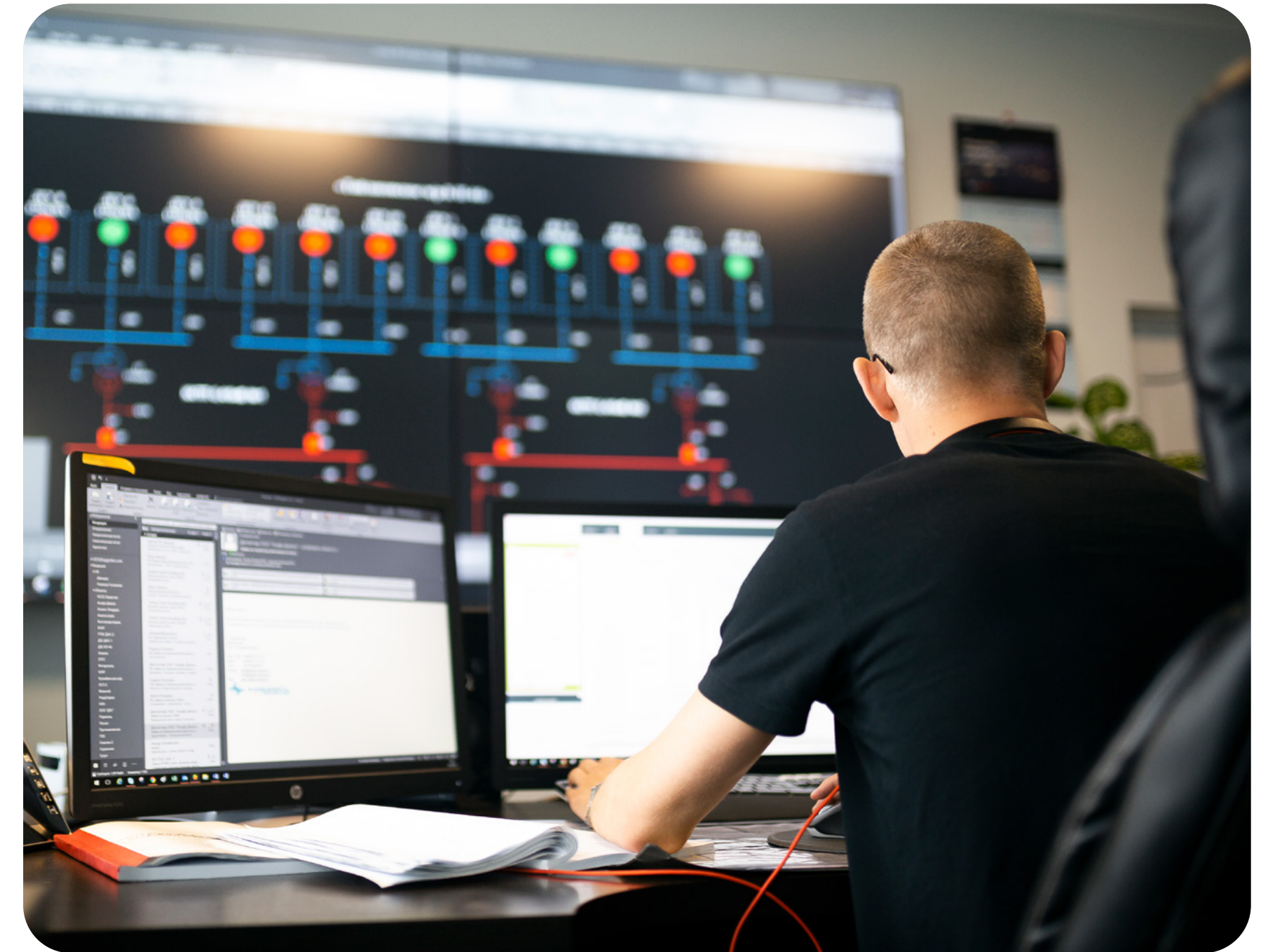
Expertise, solutions and HVO. We deliver it all.



We add value from day one. Bringing you all the confidence of expert advice, the flexibility of modular hired solutions and the reassurance of our HVO fuel management service.



HVO fuel management: minimal disruption and maximum efficiency.



We listen to you, agreeing a schedule that works around you. When your fuel tank reaches an agreed capacity, we automatically replenish your fuel – so you can rest assured knowing we have everything under control. You will also get regular fuel usage reports to help you keep track of costs too.

What does that mean for you and your business?

- Assessing and remote monitoring your fuel consumption to optimise deliveries
- Fuel emergency? We can respond 24/7
- The highest quality fuel, free from contaminants
- No spillages. Our fuel tanks are fully bunded to eliminate leaks
- Our team of experienced drivers make sure we comply with local fuel transport regulations

Frequently asked questions

Want to know more? Visit our website
to read our full HVO FAQs.

[Learn more about HVO →](#)

aggreko

Keep your world ON™
aggreko.com

