

Instantly reduce your carbon footprint
and emissions with Green Flash 100%
renewable diesel



**GOING
GREEN
IS EASIER
THAN YOU
THINK**

GREEN FLASH



NOW IS THE TIME TO ACT

Going green is no longer an option.

Every business needs to make a serious effort to reduce greenhouse gas emissions. Your customers are expecting you to be responsible towards the environment. Your supply chain partners will increasingly demand green policies from you. And government regulation will soon make it compulsory to reduce your carbon footprint. Yet it seems all the solutions out there are either too expensive or too difficult to implement.

What you need is something simple and affordable. Something that shows the world that your business is making a real effort to reduce its carbon footprint. Something that works right away.

But you also need a solution that does not disrupt your business and does not break your budget.

We have that solution for you. It is a new green fuel called HVO and it will make your life a lot easier.

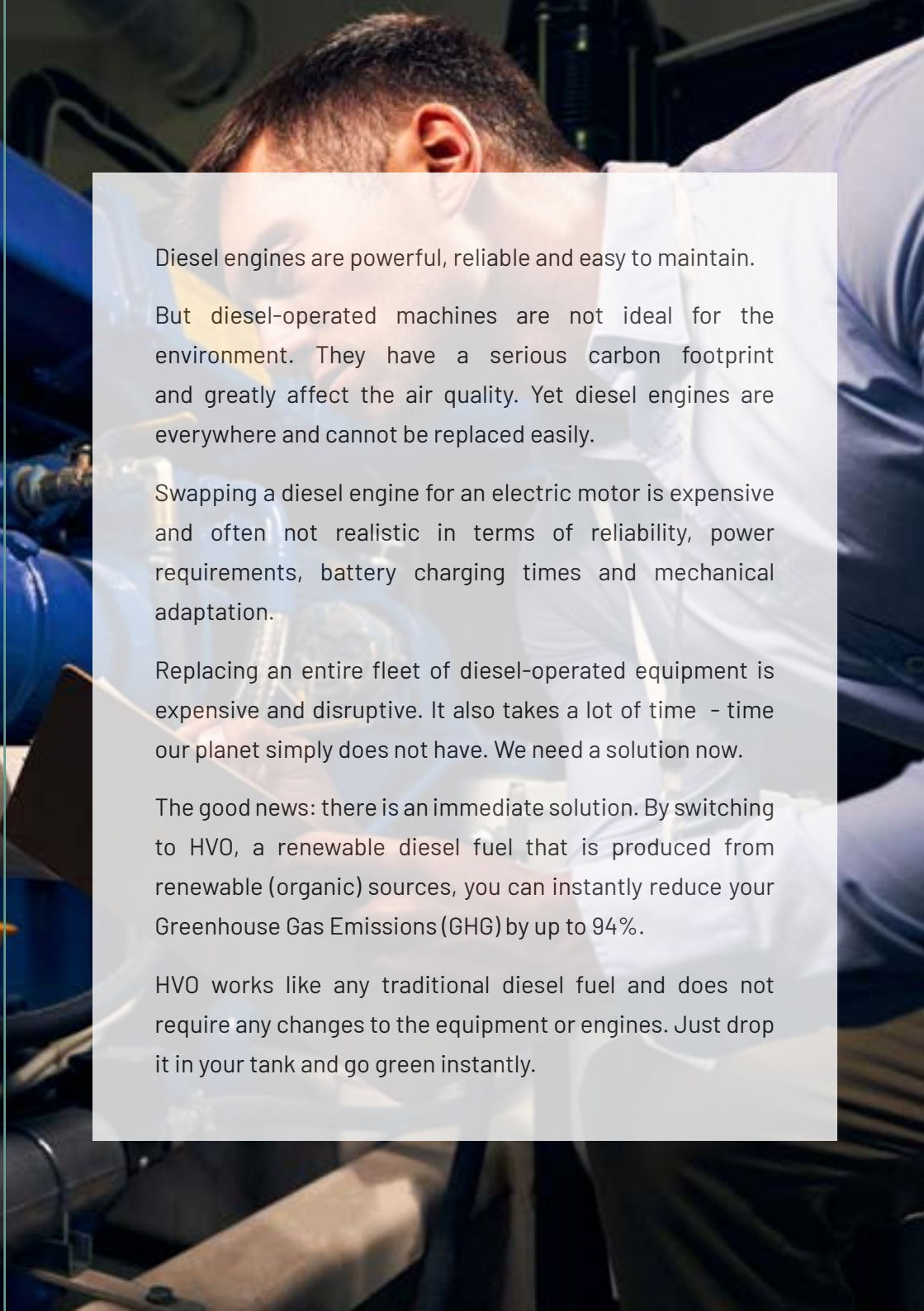
SWITCHING TO HVO CAN INSTANTLY REDUCE YOUR GREENHOUSE GAS EMISSIONS BY UP TO

94%



**DIESEL ENGINES
ARE GREAT**

**THEY ARE ALSO
HERE TO STAY**



Diesel engines are powerful, reliable and easy to maintain.

But diesel-operated machines are not ideal for the environment. They have a serious carbon footprint and greatly affect the air quality. Yet diesel engines are everywhere and cannot be replaced easily.

Swapping a diesel engine for an electric motor is expensive and often not realistic in terms of reliability, power requirements, battery charging times and mechanical adaptation.

Replacing an entire fleet of diesel-operated equipment is expensive and disruptive. It also takes a lot of time - time our planet simply does not have. We need a solution now.

The good news: there is an immediate solution. By switching to HVO, a renewable diesel fuel that is produced from renewable (organic) sources, you can instantly reduce your Greenhouse Gas Emissions (GHG) by up to 94%.

HVO works like any traditional diesel fuel and does not require any changes to the equipment or engines. Just drop it in your tank and go green instantly.

IT'S TIME FOR A **GREENER FUEL**

HVO diesel is not just greener to produce: it also burns cleaner than regular diesel and offers superior engine performance under all circumstances.

HVO is safe, reliable and 100% renewable.

REGULAR DIESEL



- Less NOX
- Less CO
- Less CO2
- Less sulphur dioxide.
- Lower FSN (Filter Smoke Number)

HVO 100% RENEWABLE DIESEL



Meet the next generation biofuel

HVO is a premium, high-quality diesel fuel, produced from renewable and sustainable raw materials – none of which releases new CO₂ into the atmosphere.

HVO is better for the planet in many ways: it burns cleaner, releasing less soot and less polluting byproducts than regular diesel, and its performance is superior to traditional diesel fuel.

The best news? HVO is chemically almost identical to regular diesel, so it does not require **any** changes to the equipment or storage units.



What is HVO?

The “H” in HVO stands for Hydrotreated or Hydrogenated, a process that uses hydrogen, heat, high pressure and special catalysts to transform fats and oil into diesel fuel.

“V” is for “vegetable”, but HVO can be produced from many other organic sources such as animal fats, crop residues, grass, wood pulp, discarded cooking oil and even algae.

“O” is for oil. HVO diesel looks and acts just like regular mineral oil, yet it contains far fewer aromatic compounds and virtually no sulphur and other unwanted pollutants.



Drop in Fuel

HVO is a so-called “drop-in” fuel: it can be mixed with regular diesel in any ratio. You can decide on a customized green strategy that fits your business model and your budget. You can gradually add HVO to your regular diesel to reduce your footprint, or switch to 100% HVO right away to make the maximum effort to support a greener future.

Meeting your targets

Many international supply chain operators demand a serious effort in CO₂ reduction and may require you to meet specific targets in kg of CO₂ / year. Each liter of diesel produces around 2.7 kg of CO₂ so it is easy to calculate how much HVO you would need to drop in to meet your targets.

How much carbon do I add to the planet?

carbon footprint in kilograms of CO₂ (from emissions) from a standard diesel generator running at half load

capacity	liters/hr	liters/24 hr	liters/month	CO ₂ (emissions kg/year)	HVO Drop-in 50%	HVO Drop-in 80%	100% HVO
10kW / 12kVA	1.6	38	1,168	37,843	18,922	7,569	0
20kW / 25kVA	3.1	74	2,263	73,321	36,661	14,664	0
40kW / 50kVA	6.2	149	4,526	146,642	73,321	29,328	0
80kW / 100kVA	12.5	300	9,125	295,650	147,825	59,130	0
160kW / 200kVA	25	600	18,250	591,300	295,650	118,260	0
280kW / 350kVA	43.7	1049	31,901	1,033,592	516,796	206,718	0
400kW / 500kVA	62.4	1498	31,901	1,033,592	516,796	206,718	0

Producing and transporting any kind of fuel requires energy, and therefore all energy has an additional carbon footprint – even solar and wind power. Realistically, HVO can offer a 90% reduction in carbon dioxide emissions compared to regular diesel

Place your HVO order by phone or email



Green Flash delivers the HVO to a storage tank on your site within 48 hours.



Don't have a tank? Lease or buy your own customized tank with your logo on it.

That's all! Your diesel engines will instantly run cleaner than ever before.

How does it work?

Green Flash delivers the HVO right to your preferred destination and transfers it into your storage tank units at no extra fees.

In case you want to store your HVO in a separate container (for creating your own drop-in mixtures, for example) or do not have adequate storage, we provide the option to lease a dedicated HVO storage tank. This on-site Green Flash HVO tank is fully certified and sturdy enough to be mounted on a delivery vehicle. The incorporated pump unit makes it easy to deliver the fuel to your equipment. The minimum purchase amount is 1,500 liters per 3 months.

Green Flash will lease a tank for a minimum of three months, for a nominal fee. We also offer the option to purchase your own HVO tank in case you want to add your company logo to it and show the world that your company is serious about your commitments to the planet.



**GREEN
FLASH**

**We let the world
know you care
about the planet!**

Website

With an annual contract, you get your own dedicated section on Green Flash' international and Taiwanese websites.

This contains a brief profile of your company and its environmental actions in perfect English and Chinese.

PR and promotion

Your contribution to the planet is important, and we make sure your (international) clients can see your efforts.

We provide you with give you a full PR press kit, including a bilingual press release, photo material, stickers and labels and more.