



# A green future with bioLPG



Liquid Gas UK

LPG is the lowest carbon, conventional fuel for homes and businesses off the gas grid. As a sector however we recognise this does not go far enough in tackling climate change, which is why the LPG industry launched its ambition to transition to 100% renewables by 2040 in order to meet Net Zero.

## The LPG Industry is investing the future



**£106m** invested into bioLPG in 2020



**£600m** forecasted investment between 2020 - 2025

## Where does bioLPG come from?

Already available on the market today, bioLPG is made using a different technologies and processes. For example, one source of bioLPG today is a co-product of renewable diesel production.

Energy Experts, NNFFCC found a full switch from fossil LPG to BioLPG by 2040 is a feasible solution to support the Government and its ambition to move towards a low carbon economy.

Feedstocks for bioLPG include cooking oil, indigenous biomass, vegetable oil, waste, plant dry matter, sugar and starch.



## Versatile:

LPG has a vast number of applications and can be used practically anywhere

## Bio ready:

bioLPG is a drop-in fuel, so no need to change your appliances when you transition

## Low Carbon:

emits 33% less CO<sub>2</sub> than coal and 20% less than oil

## Clean:

A clean burning, smoke free fuel with low NO<sub>x</sub>, SO<sub>x</sub> and PM

Why use LPG?

## What is bioLPG?...

BioLPG is a convenient and non-intrusive 'drop-in' solution to decarbonisation for a variety of rural off-grid homes and businesses.

## Drop-in:

can be used with existing infrastructure, such as your tank, boiler and LPG oven, so no expensive home upgrades or alterations need to be made in order to start using it.

## Renewable:

made from a diverse mix of sustainable biological feedstocks and processes

## Low carbon:

up to 90% carbon emissions reduction and carries the same low NO<sub>x</sub>, SO<sub>x</sub> and PM as conventional LPG.

## Instant heat:

provides on-demand heat and hot water, compared to low-temperature systems such as heat pumps.

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