

LPG's environmental benefits

LPG:

- Is a lower carbon fuel
- Can improve local air-quality
- Produces substantially less particulate matter and NOX than diesel, oil, wood or coal
- Has no impact on soil, water and underground aquifers
- Produces no harmful or potentially dangerous waste
- Has no hidden social and environmental impact
- Is a by-product: we either use it, or lose it.

LPG's benefits for Europe

- Security of supply
- Affordability for citizens
- Sustainable development
- Competitiveness

Lower Carbon Energy

In terms of its carbon footprint – the sum of its greenhouse gas emissions - LPG is one of the cleanest conventional fuels available. In its five major applications – automotive, cooking, barbecuing, heating and power generation – carbon emission reductions can be made when compared to most other traditional energy sources.

Automotive

According to EU figures, road transport produces approximately 17% of Europe's greenhouse gas emissions. Studies have consistently shown that LPG generates fewer carbon emissions than gasoline (16-23%). When you consider that only about 2% of vehicles in Europe are powered by LPG, it is clear that there is significant scope for reducing carbon emissions further by encouraging the widespread use of LPG.

Rural Energy

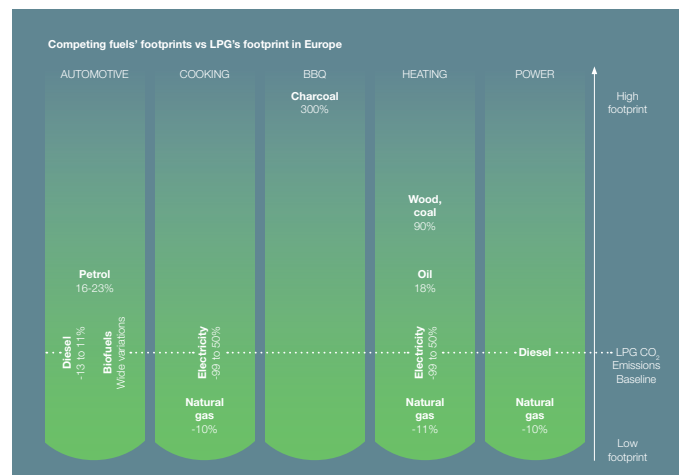
For homes and businesses located outside the European natural gas grid, LPG can provide all the benefits of modern, highly efficient gas appliances. LPG heating systems also emit substantially less CO₂ than equivalent solid fuel or heating oil versions and – in some cases - can provide significant CO₂ savings compared to electricity.

Power generation

For localised, highly efficient power generation from small, self-contained generators and CHP units, LPG's carbon footprint is lower than that of diesel and significantly lower than gasoline.

Renewable Energy Backup

LPG provides the perfect backup for renewable energy sources that depend on weather or daylight. In areas not served by the gas mains, LPG's unique combination of lower carbon, flexibility and mobility makes it possible to combine the best renewable technologies with the security of one of Europe's cleanest conventional energies.



Source: Atlantic Consulting

SHV Gas is an independent, family-owned Dutch company and the largest distributor of LPG worldwide. In Europe, SHV Gas fuels the homes, businesses and vehicles of people in more than 20 countries. To provide a secure supply of LPG to tens of millions of customers, SHV Gas has established an extensive European strategic storage and distribution network. In this way people can drive, cook and heat their homes or businesses efficiently and economically while drastically reducing pollution and their carbon footprint. Read more: www.shvgas.com

Would you choose an energy source
to help **reduce CO₂ emissions?**

Why don't you?

LPG is cleaner, affordable and available. Now.

LPG emits about 20% less CO₂ than heating oil and 50% less than coal. Enabling you to cook, heat and even generate electricity cleanly and efficiently. LPG. We either use it, or we lose it. For further information and useful data sources, see www.whylpg.com

