



The Critical Contribution of LPG to a Responsible Energy Future

This paper outlines the position of the World LPG Association (WLPGA), and its global membership base, on the critical role of LPG in providing an immediate, safe and credible energy source to combat the most pressing global challenges

The great global challenges of climate change and sustainable development have taken on new meaning and urgency since the COVID-19 pandemic. WLPGA's global membership recognises the need to accelerate the spread of clean, modern energy technologies to confront the threat of climate change and to achieve the development targets set out in the United Nations' Sustainable Development Goals (SDGs), specifically increasing access to clean, modern energy and improving air quality.

Addressing these challenges has been acknowledged by global leaders and policy-makers and was enshrined in both the Paris Agreement which sets out a global framework to avoid dangerous climate change and the SDGs which set a blueprint to achieve a better and more sustainable future for all.

The disruption caused by the global COVID-19 pandemic has also highlighted the need for local energy systems to have optimal energy mixes using the right fuels for the right applications. This will be especially true as governments struggle with the task of building cleaner and more secure energy systems in order to make the post COVID-19 recovery as sustainable and resilient as possible.

LPG has a key role to play in addressing these global challenges. LPG is an essential source of energy for billions of people, served by an agile and resilient supply chain. It is a clean burning fuel which provides low carbon, efficient energy to both urban and rural families and businesses in countries at all stages of development. Renewable LPG, although currently produced in modest quantities, could potentially satisfy up to 50% of the 2050 global non-chemical LPG demand and will require no further investment in new appliances or equipment. Renewable LPG when combined with innovative efficient technologies such as Micro CHP, fuel cells or hybrid heat pumps will result in near zero emissions.

The membership of the WLPGA is committed to addressing the global challenges of climate change, sustainable development and the post COVID-19 recovery. Through collective action, WLPGA can ensure that LPG is recognised as a low carbon, clean burning and accessible fuel which has a role to play in helping countries lower their greenhouse gas emissions, increase access to modern energy and improve air quality while ensuring that the recovery from the COVID-19 pandemic is robust, durable and clean.

WLPGA's global membership supports cross sector collaboration, R & D and innovation to increase access to clean and modern fuel sources that will help to lower carbon emissions, achieve development targets, and catalyse a sustainable recovery. While calling on the LPG industry to directly invest in future pathways, WLPGA also appeals for increased investment into the transformation of refineries to the production of biofuels, which will leverage existing infrastructure and appliances with decarbonised and renewable energy sources.

Only by preparing now can we ensure that we lay a strong foundation for sustainable recovery and a clean energy future.