



THE GLOBAL LPG PARTNERSHIP

LPG FOR CLEAN COOKING - 10 KEY FACTS

1. LPG, also known as propane, butane, bottled gas or cooking gas, is one of the most commonly used fuels for cooking around the world. Today, **nearly 3 billion people use LPG** for some or all of their cooking needs in both developed and developing countries.
2. The International Energy Agency (IEA) identifies LPG as the fuel that potentially can meet the cooking needs of around **1.4 billion people** of the 2.8 billion plus still needing access to clean cooking fuels and technologies. While not the only solution required, LPG clearly has a key role to play.
3. LPG is a clean burning fuel. It emits none of the toxic smoke caused by the imperfect combustion of all wood and charcoal stoves. **LPG meets the exacting WHO emissions guidelines for health.** No biomass burning solution yet does so, either in daily use or over time, in developing countries.
4. While today LPG is primarily a by-product of oil and gas production and refining, it is recognized by experts as being environmentally benign. It can help lower climate emissions when used at scale to replace wood and charcoal. Moreover, renewable (bio) LPG is starting to enter the global marketplace at a cost equal to conventional LPG, benefitting from the same infrastructure and supply chain as conventional LPG. LPG may therefore have a role as a **long-term green solution** as well as an interim clean fuel solution.
5. Large scale LPG use at national level helps reduce pressure on forests in countries facing severe forest loss and degradation, exacerbated by charcoal production and unsustainable biomass harvesting.

6. LPG is not a fuel "only for the rich." The experience of many low- and middle-income countries belies that myth. Indeed, in many places, LPG costs the same *or less* to cook a meal than environment- and health-damaging charcoal and purchased wood fuel. **Poorer families can benefit from LPG not only through modern cooking access, but also by better health.**



7. LPG does not require massive ongoing subsidies to scale demand. But, as with any social benefit solution, smart subsidies and consumer credit help address initial equipment acquisition for low income families both to offset initial costs, and ongoing fuel costs for the poorest.

8. LPG supply chains create good jobs, including for women. There are many employment and small business opportunities for people across the LPG value chain, especially for women, who are underrepresented in much of the sector. GLPGP is working to support women's entrepreneurship.

9. Much of the world's LPG, if not used for cooking, is used instead for plastics production in industrialized nations. Instead of poisoning our marine life with LPG-derived single use plastics, is it not better for our oceans for us to utilize abundant LPG to help solve a major global social and public health issue, until we have an equivalent or better fully renewable solution?

10. Just because in some countries LPG use is concentrated in urban areas does not mean this must remain so. When countries adopt sustainable, proven models for LPG sector growth and safety, and invest in required infrastructure, assisted by GLPGP, they can rapidly scale to support **nationwide** LPG availability and adoption.