

AUTOGAS – Around the World*

LPG is the preferred alternative automotive transportation fuel. Autogas is today the most accepted alternative fuel in the automotive sector with more than 26 million vehicles operating worldwide. The added value of LPG as an automotive fuel is that it generates considerably fewer emissions than other fossil fuels, contributing to the protection of the environment and human health while also mitigating the threat of climate change.

More than 26 million vehicles run on Auto LPG globally, supported by close to 71,000 LPG Filling Stations. Global Auto LPG consumption exceeds 26 Million Tonnes, in comparison to India still at about 0.35 Million Tonnes level. South Korea leads the world in the usage of this clean auto fuel with sales of more than 4 million tons annually. More than 70 countries use Auto LPG in vehicles to help clean their urban air and clean environment. Among the Key nations that have successfully adopted this green fuel for their transportation requirements are South Korea, Turkey, Poland, Japan, Australia, Italy, Mexico, USA, Russia & China.

In terms of LPG refueling infrastructure, there are over 6000 LPG Filling Stations in Poland, over 5000 in Turkey, about 3000 each in Australia, Mexico and more than 2000 stations each in nations like Canada, France, Italy, Japan, Holland and the US.

The primary reason why governments in many countries actively encourage the use of autogas and other alternative fuels is the environment. Autogas out-performs gasoline and diesel as well as some other alternative fuels in the majority of studies comparing environmental performance that have been conducted around the world. Autogas emissions are especially low with respect to noxious pollutants. With respect to greenhouse-gas emissions, autogas performs better than gasoline and, according to some studies, outperforms diesel, when emissions are measured on a full fuel-cycle basis and when the LPG is sourced mainly from natural gas processing plants. Even so, the strength of actual policies and measures deployed does not always fully reflect the true environmental benefits of switching to autogas from conventional automotive fuels. Some countries promote autogas for economic reasons too, notably to provide an outlet for surplus indigenous production of LP Gas.