







# Liquefied Petroleum Gas (LPG) Market Size will witness Substantial Growth in the Upcoming Years by 2022

## Market Overview

Liquefied Petroleum Gas (LPG) is a flammable hydrocarbon gas mixture, primarily consisting of propane and butane, which is liquefied through pressurization for easy storage and transportation. LPG is widely used for cooking, heating, power generation, and as an alternative fuel in vehicles.

According to the research report, the global [liquefied petroleum gas market](#) is valued at USD 101.73 billion in 2021 and is expected to reach USD 144.70 billion by 2030, to grow at a CAGR of 4.2% during the forecast period.

## Market Segmentation

The global LPG market is segmented by product type, application, distribution mode, and end-use industry.

### By Product Type:

1. Propane
2. Butane
3. Mixed LPG

Propane dominates the market due to its lower boiling point and suitability for colder climates, whereas butane is preferred for domestic and industrial heating in moderate climates.

### By Application:

1. Residential
2. Commercial
3. Industrial
4. Transportation (Autogas)

The residential segment accounts for the largest share, with LPG widely used for cooking and heating in households. The transportation segment is rapidly growing, driven by the increasing use of LPG as autogas in vehicles.

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<https://www.polarismarketresearch.com/industry-analysis/global-liquefied-petroleum-gas-lpg-market>

### By Distribution Mode:

1. Cylinder
2. Bulk Tanker

The cylinders and tanks segment is significant, as it caters to both household consumers and small-scale commercial users. Bulk tanker distribution is prominent in large industrial and commercial facilities.

### By End-Use Industry:

1. Power Generation
2. Petrochemical
3. Metal Fabrication
4. Food Processing
5. Others

Industrial demand is rising steadily, with LPG used as a feedstock in petrochemical production and a fuel in power plants.

## Regional Analysis

The LPG market exhibits dynamic growth across key regions driven by demographic trends, infrastructure development, and policy frameworks.

### Asia-Pacific

Asia-Pacific leads the global LPG market due to high demand in populous countries like India, China, and Southeast Asian nations. Government initiatives to replace traditional biomass fuels with LPG in rural households have accelerated growth. Rapid urbanization and industrialization further boost demand across residential and commercial sectors. The rise of LPG-powered vehicles also supports the autogas market segment here.

### North America

North America is a mature LPG market with steady demand driven by residential heating, industrial applications, and transportation. The U.S. has seen increased use of propane-powered vehicles, especially in fleet operations and public transport. Technological advancements in storage tanks and safety measures enhance market prospects.

### Europe

Europe's LPG market is growing steadily, supported by strong regulatory policies favoring cleaner fuels and lower emissions.

