Autogas
SAFE I AVAILABLE I GROWING I CLEAN I CONVENIENT
Autogas is **CLEAN**

**Government Policy**

*Encouraging the use of autogas can rapidly lead to improved air quality in cities*

**LPG**

*Is transported as a liquid but has all the benefits of a gas*

**Carbon Dioxide**

22% lower CO₂ than petrol (LCA*)

**Nitrogen Oxides**

96% less NOₓ than diesel

68% less NOₓ than petrol

**Particulate Matter**

120 times less small particle emissions than diesel vehicles

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* European Commission (Annex to implementing measures to Fuel Quality Directive)
Autogas is **SAFE**

**Strict Standards and Regulations**

Set by **Experts** in recognised organisations for example

**The European Union**

And **National Governments**

**Components** are **thoroughly tested**

By independent laboratories,

**Before** entering the market

**Widely Used by Governments and the Private Sector**

Used by **Taxis, Police Cars, Ambulances, Driving Schools** and **Rental Cars, Even Racing Cars**
Autogas is **CONVENIENT**

**MANY GOVERNMENTS PROMOTE AUTOGAS**

**MAKING IT A VERY COST EFFICIENT FUEL**

**AUTOGAS TANKS ARE COMPACT**

AND **EASILY INTEGRATED**

IN THE CAR WITHOUT LOSS OF TRUNK SPACE

AND **REFUELLING IS CLEAN & EASY**

**PARKING & MOBILITY**

**LOWER TAXES**

SEVERAL COUNTRIES AND CITIES OFFER **REDUCED ROAD TAXES**

AND **FREE PARKING** FOR LPG CARS

**LPG POWERED CARS ARE WELCOME IN UNDERGROUND CAR PARKS**

IN MOST COUNTRIES
Autogas is **AVAILABLE**

7 OF THE 10 LARGEST CAR MANUFACTURERS IN THE WORLD PRODUCE LPG POWERED CARS

26 MILLION VEHICLES AROUND THE GLOBE

LPG HAS CLEAN ORIGINS

60% IS RECOVERED DURING THE EXTRACTION OF NATURAL GAS AND IT IS EXPECTED TO INCREASE IN THE FUTURE

LPG CAN BE TRANSPORTED ALMOST ANYWHERE BY SEA, RAIL, ROAD

ADDITIONAL SOURCES OF LPG ARE COMING ONLINE AND SUPPLY IS SECURE IN THE LONG TERM
Autogas is GROWING

**LPG IS THE MOST COMMONLY USED ALTERNATIVE FUEL IN THE WORLD**

GLOBAL CONSUMPTION OF **AUTOGAS** HAS RISEN BY OVER **50%** OVER THE PAST 10 YEARS

**GUANGZHOU** HAS PUT OVER **31,000 LPG VEHICLES** INTO OPERATION SINCE THE GENERAL PROMOTION OF **AUTOGAS**, ACCOUNTING FOR MORE THAN **95%** OF THE CITY’S TOTAL **BUSES** AND **TAXIS**.

**IN TURKEY**, **MORE THAN 40% OF PRIVATE CARS** NOW RUN ON **AUTOGAS**

**THE FUTURE OF TRANSPORT STARTS NOW. AUTOGAS CAN DELIVER THIS FUTURE TODAY!**

* Source: WLPGA Autogas Incentive Policies
The **CHALLENGE** of Transport

**OUTDOOR AIR POLLUTION**

- Causes 3.7 million deaths, each year
- Affects 1600 cities worldwide

In London, 7500 people die early each year due to **AIR POLLUTION**.

**TRANSPORT IS A MAJOR SOURCE OF OUTDOOR AIR POLLUTION**

- 70% of the air pollution caused in Chinese cities is due to exhaust emissions.
- Private cars account for less than 1/3 of trips in cities worldwide, but are responsible for 73% of urban air pollutants.

**AND THE ISSUE IS SET TO BECOME MORE IMPORTANT BY 2050**

- The **WORLD’S POPULATION** is estimated to be 9.2 billion
- Of which **6.3 BILLION** will live in **CITIES**
- There will be **more than 2 billion light duty vehicles** on the roads

**HOW CAN AUTOGAS ADDRESS THIS CHALLENGE?**

* Source: Clean Air London
What is **AUTOGAS**

When *used* as an on-road engine fuel, LPG is called **AUTOGAS**

What is it **MADE OF?**

**AUTOGAS** that is sold at petrol stations can be either just **PROPANE**, **BUTANE** or a **PROPANE/BUTANE MIX**

**What’s in a NAME?**

In the **UNITED STATES**, Autogas is more commonly known under the name of its primary constituent, **PROPANE**.

In the **UK** **LPG** and **AUTOGAS** are used interchangeably.

In **ITALY** and **FRANCE**, **GPL** is used, and in **SPAIN** Autogas is referred to as **GLP**.

In many **ASIAN COUNTRIES** the term Autogas is not commonly recognised as a generic term, and the use of the terms **LPG** or **AUTOLPG** is more common.

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