

## IVECO IS READY FOR SUSTAINABLE MOBILITY, ARE YOU?

Mobility and transportation area is a constant and essential activity taking place throughout the world. When it comes to sustainable mobility, no single alternative solution has been designed to fit all forms of transport and missions. This is why Iveco has continued to develop various propulsion systems for over 35 years, by manufacturing vehicles with increased efficiency Diesel engines as well as alternative drive systems that operate on **natural gas**, electric or hybrid power.



### NATURAL GAS POWER

Compressed Natural Gas (CNG) powered vehicles are a competitive alternative to Diesel. They are able to accomplish a variety of missions such as urban delivery, passenger transport, waste collection and short range and long haul distribution. **Iveco is the current European leader in this field offering the most extensive range of CNG vehicles on the market: trucks, vans and buses designed for all mission types.**

The deployment of natural gas vehicles is both an environmentally friendly investment as well as a smart investment as it provides greater economic value to the customer.

Iveco's natural gas-powered commercial vehicles are already equipped to use bio-methane, one of the sources of renewable energy with the best credentials in terms of reduced CO<sub>2</sub> emissions. Iveco also offers a range of **Liquefied Natural Gas (LNG)** powered vehicles.

Unfortunately, **the lack of a Europe-wide refuelling infrastructure remains a barrier to fulfilling the potential of natural gas.** The increasing commitment at EU, national and regional level to build this infrastructure is encouraging but must be followed up by tangible investments, joining hands with all stakeholders involved.

#### Advantages of CNG

- Performance equal to Diesel
- Lower fuel costs compared to Diesel
- Overall air pollution reduction and less engine noise
- -24% CO<sub>2</sub> emissions on well-to-wheel basis
- An easy low-impact solution for urban areas
- Low infrastructure investments compared to alternatives



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NATURAL GAS



### LIQUEFIED NATURAL GAS

LNG and CNG are essentially identical, but are stored and distributed in different ways. **Liquefied Natural Gas (LNG) is suitable for the distribution of goods at regional and national levels.** Its progress will depend on the development of service networks, but more importantly on grid density.

The market opportunities for these vehicles are particularly strong with the food and beverage sectors, fuel transportation, logistics operators and firms engaged in overnight delivery, where the reduction of noise levels is guaranteed by spark ignition engines.

#### Additional advantages of LNG

- 700 - 800 km autonomy on a full tank
- LNG does not depend on a gas pipeline
- LNG extracted directly from a LNG terminal is cheaper than CNG



NATURAL GAS



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### IVECO BUS

Iveco Bus confirms its support of sustainable mobility by offering the possibility to equip its range with an alternative Compressed Natural Gas driveline. This Euro VI approved engine allows operators to continue to expand their CNG bus fleets with the same technology as Euro V / EEV vehicles. Iveco Bus is leader in CNG city buses with approximately **5,000 buses in circulation in the major European cities** like London, Berlin, Athens, Barcelona and Lisbon are already operative with Iveco Bus Natural Gas technologies.



Iveco, a CNH Industrial company, designs, manufactures and markets a wide range of light, medium and heavy commercial vehicles, off-road trucks, city and intercity buses and coaches. It manages production sites in 11 countries throughout Europe, Asia, Africa, Oceania and Latin America where it produces vehicles featuring the latest advanced technologies.

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