



Press Release
4 July 2017

Alternative Fuels

Carrefour and ENGIE are joining forces to develop biomethane in France.

By late 2017, a fleet of 200 Carrefour trucks will be driving on biomethane fuel, resulting in a 75 % reduction of CO₂ emissions and no more fine particle pollution. ENGIE is offering the green mobility solutions of its GNVERT subsidiary to assist Carrefour in reducing the environmental impact of its deliveries.



Carrefour and ENGIE are today inaugurating a public natural gas vehicle station at La Courneuve (Seine-Saint-Denis), in the Paris region. Carrefour, the leading French food retailer, and GNVERT, a subsidiary of the ENGIE Group, which for almost 20 years has been the leading company in France for the distribution of alternative fuels, are thus materialising their collaboration in favour of the development of biomethane fuel in the road haulage sector for goods. ENGIE is consolidating its position as leader of mobility solutions, by offering a range of solutions for more fluid, cleaner and smarter mobility.

Pioneers in France, Carrefour and GNVERT, back in 2013, innovated and tested the use of biomethane fuel (Bio-CNG) for the road haulage of goods. Bolstered by the success of the tests carried out, Carrefour has decided to accelerate the deployment of these clean and quiet vehicles with the goal, by the end of 2017, of opening 9 service stations allowing 200 trucks to deliver to 250 urban stores in Paris, Marseille, Lyon, Bordeaux and Lille. The station of La Courneuve is the first to be inaugurated.

The choice of biomethane is part of Carrefour's ambitious transport policy which aims by 2025 to achieve a 30% reduction in greenhouse gas emissions per pallet carried compared to 2010. The trucks using this biofuel have shown an excellent environmental performance with a 75% reduction in CO₂ emissions, no fine particle pollution and a 50% reduction in noise pollution.

A model of the circular economy, biomethane is also used to recycle locally part of the biowaste which is collected from the stores. By encouraging the use of a product that cannot be relocated, Carrefour





has chosen an energy that creates jobs in France and supports the farming sectors. Finally, it is an energy transition choice which speeds up user independence in relation to fossil fuels. To this end, Carrefour has chosen to open the stations to all other transport actors who choose to use biomethane.

In a concern to support Carrefour in this transformation, GNVERT has adapted its range of solutions which are increasingly reliable and innovative. The new station at La Courneuve is a good example of this by enabling 60 Carrefour trucks to refuel every day. Ideally located close to the major routes of the Ile-de-France, the A86 and A1, the station is open to the public and is also designed to supply domestic refuse trucks and coaches running on natural gas.

In addition to its location and a power of 2,000 Nm³/hour allowing any type of vehicle to refuel in just a few minutes, the ENGIE La Courneuve station also supplies liquid nitrogen for cooling refrigerated trailers, also limiting the environmental impact of this use.

For Florence Batchourine, Carrefour France Supply Chain Director: *“The reduction in CO₂ emissions and fine particle pollution is a major issue for society and we must act collectively to overcome this challenge. That is why Carrefour and ENGIE are deploying biomethane widely in France and are opening up their refuelling network to all transport actors.”*

Philippe Van Deven, GNVERT CEO, stated: *“The inauguration of this station marks a new stage in the development of alternative fuels in France, and in particular that of biomethane fuel. Carrefour is the first actor to have committed itself so resolutely to using biomethane fuel in France and in Europe. We are very proud to be able to support them with innovative solutions that open up new perspectives for the energy transition of fuels.”*

Glossary

NGV: Natural Gas for Vehicles (generic term for all types of natural gas fuel)

CNG: Compressed natural gas from the distribution network, compressed at 200 bars.

Biomethane fuel or Bio-CNG: Compressed Natural Gas 100% from biomass, the fully decarbonated version of CNG





About ENGIE

ENGIE develops its businesses (power, natural gas, energy services) around a model based on responsible growth to take on the major challenges of energy's transition to a low-carbon economy: access to sustainable energy, climate-change mitigation and adaptation and the rational use of resources. The Group provides individuals, cities and businesses with highly efficient and innovative solutions largely based on its expertise in four key sectors: renewable energy, energy efficiency, liquefied natural gas and digital technology. ENGIE employs 153,090 people worldwide and achieved revenues of €66.6 billion in 2016. The Group is listed on the Paris and Brussels stock exchanges (ENGI) and is represented in the main international indices: CAC 40, CAC 40 Governance, BEL 20, DJ Euro Stoxx 50, Euronext 100, FTSE Eurotop 100, MSCI Europe, DJSI World, DJSI Europe and Euronext Vigeo (World 120, Eurozone 120, Europe 120 and France 20).

About GNVERT

Since 1998, GNVERT, a subsidiary of the ENGIE Group has provided expert support to companies and local authorities, offering them bespoke green mobility solutions. GNVERT is the leading company in France of refuelling solutions using alternative fuels (CNG, Bio-CNG, LNG, Hydrogen, etc.) and operates 140 stations.

Press contact

Telephone France: +33 (0)1 44 22 24 35

E-mail: engiepress@engie.com



[ENGIEgroup](#)

Investor Relations Contact

Phone: +33 (0)1 44 22 66 29

E-mail: ir@engie.com

About CARREFOUR France

In France, there are 4 types of Carrefour (hypermarket, supermarket, local store, cash&carry) and over 5,600 stores. For over fifty years, Carrefour has been the everyday partner of the lives of millions of customers, offering them a wide choice of products and services at the best price. In response to the new consumption trends and to facilitate its customers' shopping, Carrefour is developing multi-channel solutions (e-commerce, drive, click and collect, express delivery, mobile applications). The second largest retailer worldwide and the leading one in France, Carrefour employs 115,000 staff and every day receives over 3 million customers in its stores in France. Through the regular initiatives that it takes, Carrefour is committed to more sustainable and responsible retailing. The Group's CSR approach is built around 3 pillars: the fight against all forms of waste, protection of biodiversity and support for the company's partners.

For more information: www.carrefour.com (press space), www.carrefour.fr

Or to follow us on Twitter: @CarrefourFrance, @GroupeCarrefour

Press contact Carrefour - +33 (0)1 58 47 88 80 / presse_france@carrefour.com

