

# LNG: Fuel for a clean future.



Iveco Stralis Natural Power  
Up to 330 HP, 1300Nm (mono-fuel)  
Euro VI expected Q3 2014



Volvo FM MethaneDiesel  
460HP, 2300Nm (dual-fuel)  
Euro VI expected Q3 2015



Hardstaff Mercedes Benz Actros  
Up to 480 HP, 2300Nm (dual-fuel)  
Euro VI expected Q3 2014

## Project Partners:



## Contact:

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[www.lngbluecorridors.eu](http://www.lngbluecorridors.eu)



# All about the LNG Blue Corridors Project



FAQs for Fleet Operators

## Why use LNG?

Liquefied natural gas (LNG) is the fuel of the future – a real alternative to diesel with an internationally proven track record and an expanding product portfolio.

### Save money

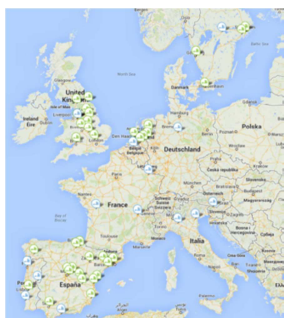
- Depending on local diesel fuel taxation, LNG can pay back quickly
- Greater historical and future price stability for natural gas/LNG
- Enhanced security of supply

### Reduce Emissions

- LNG HDVs outperform Euro VI pollutant and PM standards
- Reduced noise emissions compared to diesel, enabling nighttime deliveries

### Enhance sustainability (with Bio-LNG)

- Renewable biomethane gas can be mixed with LNG in any proportion
- Substantial reduction of CO<sub>2</sub> emissions compared to diesel



## What is the LNG Blue Corridors Project?

The LNG Blue Corridors project combines the expertise of 27 different companies to establish LNG as a real alternative for medium and long distance transport – first as a complementary fuel and later as an adequate substitute for diesel. The project, which was kicked off in May 2013, will last for four years and includes development, standardization and demonstration activities. 14 new LNG fueling stations will be built, and 100 trucks will be used for the demonstration. It is partially funded by an €8 million grant through the FP7 research programme.

### Why is it important?

The European Commission has prioritized the introduction of fuels that reduce environmental impacts and diversify the energy supply. LNG is the only available fuel that allows for driving range, refueling time, and engine performance close to diesel.

### Why we need you:

To succeed, the LNG Blue Corridors project must demonstrate the commercial and economic potential of LNG as transport fuel. The project needs fleet operators to purchase and operate LNG trucks to support these new fueling stations and to generate technical data and feedback for further dissemination.

### How do fleet operators benefit?

The project cannot succeed without partners who will purchase and drive LNG trucks, and it is committed to always showing fleet operators the best way. Operators who participate will:

- Receive up to €14,000 per eligible truck
  - Based on delta cost between LNG and diesel truck
- Collaborate with industry experts
- Improve environmental performance and sustainable image as pioneers of new technology
- Enjoy publicity and outreach opportunities

## Eligibility requirements:

- Eligible Euro V/ VI LNG or Dual-Fuel trucks must be purchased or leased after 1<sup>st</sup> May 2013
  - Diesel trucks purchased after this date that are retrofitted with a Hardstaff system are eligible
- Trucks must be used in regular, daily operation for 3 years of demonstration or until May 2017, whichever comes first
- Operators must consent to the purchase and installation of a telematics GPRS/GPS device to monitor:
  - Fuel consumption
  - Distance/mileage
  - GPS position (e.g. once every 10 mins)
  - Fuel level in the tank

*The device may be an OEM solution if it suitably fulfills the project's needs, or a device as defined by the project. This data must be monitored for the duration of the project. Operators must consent to periodic 'detailed monitoring campaigns,' during which additional performance parameters will be monitored for a limited period of time. Data is anonymized, encrypted, and remotely transferred to a secure server located offsite.*

- Operators must obtain biannual feedback from drivers
- Operators must catalogue and report data related to *Total Cost of Ownership*, particularly maintenance and incidents
- In exceptional circumstances, vehicles must be made available for inspection by project management

*Up to 50% of eligible funding will be paid upon receipt of each truck; the remainder will be paid at the end of the demonstration*

*Full details are available upon inquiry. Please contact the project coordinator, the demonstration coordinator, or any project partner with questions or to apply for consideration.*