

For better air quality now UK cities need to turn to gas powered trucks and buses

Submitted by: SOPR

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Supreme Court order UK Government to present new air quality plans

The UK's cities are under unprecedented pressure to improve air quality now, as the Supreme Court has today ordered the UK government to present new air quality plans to the European Commission by the end of 2015.

Gas expert John Baldwin, managing director of CNG Services (<http://www.cngservices.co.uk>), who built the largest compressed natural gas (CNG) filling station in the UK, says in response:

"Thousands of people are dying of poor air quality every year. As we speak in 16 cities we are breaching legal limits for nitrogen dioxide (NO_x), much of which comes from diesel engines; trucks and buses."

"Rather than look to increasing congestion charges or controlling where vehicles can go, why aren't we using gas powered vehicles? A recent report from Energy & Utility Skills has shown that gas will give us significant greenhouse gas reductions as well as getting rid of hazardous NO_x and particulate matter, which can kill."

"We've got the technology here now. Argos is using a dedicated Euro 6 gas-powered Scania tractor and in a number of cities including Bristol and Reading we are seeing the introduction of CNG buses."

"The big plus about gas engines is not only do they produce fewer NO_x emissions and virtually eliminate emissions of particulates, they are also 50% quieter than normal diesel engines. This means gas trucks are ideal for making night-time deliveries. "

"Gas isn't the future, it's here now – we've got the vehicles and we can deliver fuel through our extensive gas grid – all we need is the political will to make it happen and save lives."

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Notes to Editors:

29th April 2015 - Supreme Court orders UK Government to present new air quality plans to European Commission by end of 2015

Report quotes - Energy and Utility Skills, UK Market Review: The Role of Natural Gas in Road Transport
March 2015

<http://nebula.wsimg.com/7863e5f833e36eb9911405e909bffcee?AccessKeyId=0DD0D832AE27FA6A27AF&disposition=0&all>

The report identifies the areas where natural gas / Biomethane can provide significant GHG reductions in the short term using existing technology (15 – 30% for Natural Gas and >70% for Biomethane). Gas as a vehicle fuel reduces both nitrous oxides (NOx) and Particulate Matter emissions which would help the UK and Local Authorities achieve their Air Quality targets. NGV trucks also offer a 50% reduction in noise compared to diesel

CNG Services Limited

CNG Services (CSL) is working on over 20 biomethane projects with an estimated 1.8 TWh biomethane for 2015 (equal to two 65,000 tonne LNG tankers worth of gas). This represents a CO2 saving of 400,000 tonnes/annum.

Managing director, John Baldwin, is a former President of the EUA (Energy and Utilities Alliance, www.eua.org.uk), a member of the Biomethane for Transport Steering Committee and is Chairman of the Renewable Energy Association (REA, www.r-e-a.net) Biogas group.

He is also the winner of the REA Champion Award for 2014 for being the driving force behind the Renewable Heat Initiative for biomethane injection.

CNG Services acts as engineering consultants to the biomethane-to-grid and shale gas industries and have been involved in every biomethane to grid plant installed in the UK to date. CSL's expertise relates to processing of gas and its injection into the UK gas grid. CSL provides a range of low carbon engineering services based on natural gas:

- Injection of biomethane and shale gas into the gas grid
- Use of Green Gas Certificates/CNG as a vehicle fuel
- Design and build of pipelines to connect I&C customers to the gas grid
- Design and build services in relation to new CNG stations for fuelling trucks

www.cngservices.co.uk