

## MEDIA RELEASE

14<sup>th</sup> September 2010

### The Passat Ecofuel Biomethane for Transport Demo Plant in Sheffield

CNG Services introduces the Volkswagen Passat *Ecofuel* to the UK alongside the launch of a biogas to compressed biomethane (CBM) demonstration plant in Sheffield by Kelda Water Services. This launch showcases this exciting new technology in the UK and aims to show that alternative fuels for vehicles are feasible.

Biomethane made from organic waste is carbon neutral, with no net increase in CO<sub>2</sub> from burning it. The fuel burns, CO<sub>2</sub> is emitted, it is then captured by growing organic matter. Waste organic material is then converted to renewable methane and the process can repeat itself forever. In other words this is a truly sustainable solution.

Cars powered by biomethane are indistinguishable in their performance from fossil fuel powered cars. After 5 years of development (2004 – 2009), the CBM-fuelled Passat is now Sweden's top selling low carbon vehicle. With a 1.4 litre engine, twin supercharger and turbocharger the Passat offers high performance of 0 - 60 mph in 9.5 seconds and a range of 400 km on CBM and a further 400 km on petrol, so there's no danger of being out-performed by its diesel competitors.

The car is exceptionally environmentally friendly and produces very little waste. On fossil Compressed Natural Gas (CNG), the vehicle emits 119 g CO<sub>2</sub> per km, around 20% less than the equivalent performance diesel. On CBM, it produces just **20g of CO<sub>2</sub> emissions per km** on a Well to Wheel basis.

With the successful set-up of a demonstration CBM Plant in Sheffield, CNG Services have proved that vehicles running on CBM are not only as practical as diesel but offer a solution to burning fossil fuels and flaring biogas at sewage works and landfill sites.

#### About CNG Services Ltd

CNG Services Ltd ("CSL") supports the development of new anaerobic digester projects including a range of utilisation options for the biogas:

- Use to generate electricity in "good quality" CHP
- Clean-up of biogas to produce biomethane
- Injection of bio-methane into gas distribution networks
- Compression of bio-methane for use as fuel in road vehicles
- Support to introduction of biomethane fuelled vehicles

#### For further information please contact:

Jen Clayton

Process Analyst and Support Officer

CNG Services Limited

Tel: +44 (0)121 707 3369

Email: [jen.clayton@cngservices.co.uk](mailto:jen.clayton@cngservices.co.uk)

Mobile: +44 (0)7969 38548

Website: [www.cngservices.co.uk](http://www.cngservices.co.uk)

