

Relationship between Greenhouse Gas Emissions and Natural Gas Vehicles

By Bharatbook

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Bharatbook.com included Natural Gas Vehicle Market Potential report into their existing market research reports that analyzes the contracted and Liquefied natural gas application as alternate fuel.

A natural gas vehicle or NGV is an alternate fuel vehicle that applies contracted natural gas (CNG) or, less normally, liquefied natural gas (LNG) as a clean alternative to other automobile fuels. Worldwide, there are roughly five million NGVs as of 2006, with the largest number of NGVs in Argentina, Brazil, Iran, Pakistan, and Thailand. In Europe they are popular in Germany and Italy. (<http://www.bharatbook.com/Market-Research-Reports/Natural-Gas-Vehicle-Market-Potential.html>)

NGV's can be refueled anywhere from existing natural gas lines. This makes home fueling stations that exploit into such lines possible. A company called FuelMaker has initiated such a system known as "Phill", which they have built up in partnership with Honda.

Existing gasoline-powered vehicles may be converted to CNG. An expanding number of vehicles worldwide are being manufactured to run on CNG (Honda Civic, Samand). GM do Brasil introduced the MultiPower engine in August 2004, which was capable of using CNG, alcohol, and petrol as fuel.

The GM engine has electronic fuel injection automatically adjusts to any acceptable fuel configuration. This motor was utilized in the Chevrolet Astra and was aimed at the taxi market.

Although a localized problem, NGV refill stations can be scarce in some places, with cabdrivers waiting in long queues to refill. This has led to promptings that taxis should have their own options for refueling at taxi ranks - a model being tested in Casablanca, Morocco. Here, taxi drivers 'belong' to a base station where they operate from and have priority fuel rights including an account card.

Natural Gas Vehicle Market Potential report explores natural gas vehicles, the relationship between natural gas vehicles and greenhouse gas emissions, how natural gas vehicles operate, etc. It is a complete resource on natural gas vehicles.

For vast range of market reports please visit: <http://www.bharatbook.com/Market-Research/Natural-Gas.html>

Contact us at:

Bharat Book Bureau

Tel: +91 22 27578668

Fax: +91 22 27579131

Email: info@bharatbook.com

Website: www.bharatbook.com

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Email	Click to contact author
Phone	+91 22 27578668
Fax	+91 22 27579131
Address	207, Hermes Atrium, CBD Belapur, Navi Mumbai - 400 614, India
City/Town	Navi Mumbai
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