

Use of Hydrogen (up to) 30% in CNG as a fuel for automotive applications

Implementing agencies:

National Hydrogen Energy Board (NHEB) Formed By Ministry Of Non-Conventional Energy Sources (MNES) To Promote Use Of Automotive Applications

Main contact person:

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Major Objectives/Outputs

- Study of performance characteristics and demonstration of public transport vehicles running on hydrogen CNG mixture.

Blending of hydrogen with CNG provides synergistic effect to improve rate of combustion of CNG engines and the project is envisaged to improve the efficiency and emissions of existing CNG engines by using hydrogen as an additive.

Project Parameters

Total budget:	\$6430000
Funding sources:	1. MNES
Funding type:	
Status of the project:	2 years
Regions:	South Asia
Countries:	India
Provinces/Cities:	Delhi, Haryana
Project components:	Policy/Strategies Development.Data Gathering and Analysis. Awareness Raising.

Areas of focus	
Air quality monitoring:	
Mobile sources:	Bus Transport.Conventional and Alternative Fuels.CNG/LPG.Hydrogen.
Climate change and co-benefits:	Co-benefits approach. Transport.
Other areas of focus:	

Contact persons in each country or city (if applicable)

Country/City 1: India / Maharashtra, Pune
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