

Compressed Bio-Gas

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Bio-gas is produced naturally through a process of **anaerobic decomposition from waste / bio-mass** sources like agriculture residue, cattle dung, sugarcane press mud, municipal solid waste, sewage treatment plant waste, etc.

After purification, it is compressed and called CBG, which has pure **methane content of over 95%**. Compressed Bio-Gas is exactly similar to the commercially available natural gas in its composition and energy potential. With calorific value (~52,000 KJ/kg) and **other properties similar to CNG**, Compressed Bio-Gas can be used as an alternative, renewable automotive fuel.

Given the **abundance of biomass in the country**, Compressed Bio-Gas has the potential to replace CNG in automotive, industrial and commercial uses in the coming years.