

GOVT. POLICIES ON INFRASTRUCTURE DEVELOPMENT: KEY ISSUE TO PROMOTE ALTERNATIVE FUEL VEHICLES (AFV) IN INDIA

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ABSTRACT

In India transportation sector are consuming majority stake almost 57% of expensive imported oil. Due to bad road condition and lack of proper infrastructures fuel consumption of the vehicles is increasing. So, alternative fuels have received special attention since couple of years back around the world. The demands of alternative fuel vehicles are increasing rapidly to reduce automotive emission and to cartel the dependence on imported gasoline oil around the world. Many countries like US, Japan, UK, China and Brazil, Indian govt. also has been set up several plans to boost up this alternative fuel vehicle sector. Through National Bio-fuel Policy various state govt. are encouraging farmers to cultivate non edible oil seeds and also manufacturers to produce alternative fuel. In this paper we have discussed about various alternative fuels sources like Bio-diesel, Bio-ethanol, CNG, LPG and Electricity. This article discusses that what are impact of alternative fuel vehicles in the transportation industry and are they economically feasible to consumers? This paper also found out that why few govt. plans have failed, how much they have implemented and how far they have to go to achieve the target.

KEYWORDS: Alternative Fuel, Development, Govt. Policy, India, Infrastructure, Vehicle