Depletion of oil deposits have led to increase in fuel prices
⇒ There is a need for a sustainable alternative source of energy
⇒ Investigate the use of hydrogen in the powering of automobiles
⇒ To explore the sustainability of using hydrogen in cars engines
⇒ Increase in CO2 emissions to the environment

⇒ Hydrogen compressed and stored in high pressure
(cryogenics)
⇒ Usage of Palladium Hydride instead Platinum
⇒ Use of Sodium Perohydride to increase storage capacity
⇒ Use solid waste carbon to produce steel

⇒ Hydrogen cars are a long term project
⇒ Global Warming calls for renewable sourced vehicles
⇒ World’s realization for the renewable economy
⇒ Reduction of toxic gas emissions such as CO2
⇒ Hydrogen is the most abundant gas

Problem
⇒ Storage of hydrogen
⇒ Hydrogen on per volume basis provides less energy than petrol
⇒ Investigate usage of another metal other than platinum
⇒ The expensive cost of storage of hydrogen
⇒ Produced from fossil fuel so releases lots of CO2

References