Go Green!

The world of cars is set to become greener. Car manufacturers are launching cars that use alternative eco-friendly fuel sources that not only keep pollution levels in check but also use less fuel. YE brings to you some alternative fuels that can be used for automobiles, thus ensuring a greener planet earth for posterity.

1. Biofuel

Biofuel is an alcohol-based alternative fuel that is made from fermenting and distilling crops such as corn, barley or wheat. Ethanol can be blended with gasoline to increase octane levels and improve emissions quality, thus making it an effective transport fuel. Biofuel, unlike petroleum, is a form of renewable energy that can be produced from agricultural feedstocks. It can be made from very common crops such as sugar cane, potato, manioc and maize. Wheatgrass and Butanol can also be used as alternative biofuels.

2. Electricity

Electricity can be used as a transportation alternative fuel for battery-powered electric and fuel-cell vehicles. Battery-powered electric vehicles store power in batteries that are recharged by plugging the vehicle into a standard electrical source. Fuel-cell vehicles run on electricity that is produced through an electrochemical reaction that occurs when hydrogen and oxygen are combined. Fuel cells produce electricity without combustion or pollution. There is an ideal example of an electric car.

3. Hydrogen

Hydrogen can be mixed with natural gas to create an alternative fuel for vehicles. The power plants of such vehicles convert the chemical energy of hydrogen to mechanical energy either by burning hydrogen in an internal combustion engine or by reacting hydrogen with oxygen in a fuel cell to run electric motors. In combustion, the hydrogen is "burned" in engines in fundamentally the same method as traditional petrol cars. In fuel cell conversion, the hydrogen is used in an electrochemical reaction to produce electricity. Fuel cells produce electricity without combustion or pollution.

4. Biodiesel

Biodiesel is an alternative fuel based on vegetable oils or animal fats, even those recycled after restaurant use. It has been used in diesel engines for many years, and it is blended with petroleum diesel and used in unmodified engines. Biodiesel is safe, biodegradable, reduces air pollutants associated with diesel emissions, such as particulate matter, carbon monoxide and hydrocarbons.

5. Solar

A solar vehicle is an electric vehicle powered by a type of renewable energy, which is solar energy. This energy is obtained from solar panels which are set up on the surface of the earth to capture the light of the sun. Solar cells convert the sun's energy directly into electrical energy that can be used to drive the vehicle. Solar panels can be used to supply energy to other systems as well.

6. Water

Water-fuelled cars derive their energy directly from water. These vehicles may be able to produce fuel from water on board with no other energy input. They could also be used to directly supply a car with a sufficient amount of power at this time, but they can be used to extend the range of electric vehicles.

7. Magnetic Propelled Car

Though not an alternative fuel source, magnet is an environment friendly way to propel a car. The magnetic air car uses an compressing technology to propel it. The magnetic air technology is a combination of magnet motor and compressed air. A battery charges a special magnetic motor to initiate the powerful air compressor, heating up the air tank in order to boost the air pressure. The air filter is then rechreached and multiplied to smoothly power the car.

These green cars will reduce dependance on the conventional sources of fuel which emitted and reduce pollution levels, making the world a greener and cleaner place to live in.