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### **IF I COULD INVENT SOMETHING NEW: BIOGAS VEHICLES**

My goal is to make the world a better place by inventing **biogas vehcles**.

What is biogas? Biogas is obtained from the decomposition of organic waste which is used for different purposes.

Biogas especially methane is produced by dead plants and can be burned to produce heat. It is produced by anaerobic fermentation of different organic matter and is composed of methane ( $\text{CH}_4$ ) and carbon dioxide ( $\text{CO}_2$ ).

Examples of vehicles that can be powered by biogas include; cars, buses, agricultural machinery, forklift and utility vehicles, waste collection trucks and so on.

Materials that can be used to build biogas vehicles are fuel lines and fittings, fuel injection system, engine modification, safety systems, electrical and control systems, structural integration.

If I invent the biogas vehicles the following are few of its benefits;

It will make the air we breathe clean i.e. humans dump organic materials in different places which when decomposed let out an odour that is released into the air which is eventually called *AIR POLLUTION*.

If I am able to succeed in building biogas vehicles it will reduce pollution. Using biogas vehicles is a good way of recycling organic materials and purifying the air.

The continuous use of biogas to power vehicles will help control the hike in price of fuel which will force down the price of food in Nigeria, thereby alleviating poverty.

This will reduce the dumping of organic materials into water bodies especially in rural areas which in turn can cause different diseases such as cholera, typhoid, diarrhea etc.

If we encourage people to recycle organic waste it would really promote poverty alleviation, good health and comfort among others.