**IF I COULD INVENT SOMETHING NEW**

Imagine a world without climate change, water pollution, air pollution and soil pollution. If I could invent something new it will be a solution to the problems of waste mismanagement which is causing climate change, erosion, pollution which all aforementioned has negative impact on health, soil, water and our environment at large.

In my discoveries, I identified some causes of waste mismanagement from households, Industries and food wastes. Human activities have led to increase in production of waste and the rapid increase in post-consumer waste which includes consumer product like; home care products, automotive care products, household chemical and much more. Household waste can be harmful since many products of daily life contain chemicals that can cause an adverse ecological impact if it is mismanaged.

It has been a serious issue to deal with Industrial waste. These are the wastes generated from industries activities which include scrap metals, oil, chemicals, garbage produced from mill factories. This may be in liquid, gaseous or solid form which can be toxic and hazardous to human, plants and animals.

Food waste is another cause of waste which is widely mismanaged. Food is largely produced day by day before it could get to the final consumer for consumption a lot could have been spoilt. However, the food gets to the garbage since it is not consumed, this behavior leads to a huge waste of resources.

However, the hazardous effects of waste mismanagement are enormous which have impacts on the ecosystem these includes; environmental impact, economic impact, global warming, health impact, habitat destruction, and pollution.

In all, I am not just coming with problems but with innovative solutions and ideas to curb waste mismanagement problems by creating a mobile apps that can tackle these problems in a smart and effective way.

This mobile app allows users to schedule waste pick-up, ensuring timely collection of waste and reducing the chances of waste pilling up and provide information on how to properly sort and recycle different types of waste, making it easier for users to follow best practices.

Furthermore, this app works with smart waste bins that use sensor to monitor fill levels, composition of waste and notify collection services when they are to be emptied.

Moreover, one of the features of the app is that it grants reward for proper disposal of waste and for those who consistently follow waste management guidelines and can encourage users to dispose waste properly and also report illegal dumping or overflowing bins through the app helping authorities address issues more quickly.

In addition, the app contains educational content in such a way that users can attend free tutorials on how to recycle simple waste into creative forms, and educating users about recycling and waste.

In conclusion, leveraging to combat waste mismanagement offers numerous innovative solutions. From timely schedule pick-up of waste and educational tutorials to community reporting these technologies have enhanced efficiency and by integrating this advancement we can create a cleaner and sustainable future.