WASTE PLASTICS TO FUEL AND PETROCHEMICALS

BRIEF DESCRIPTION:

This technology is for the conversion of waste plastics (polyethylene and polypropylene) to exclusively any one of the products viz. gasoline, diesel or aromatics. The gasoline and diesel meet most of the BS IV/VI specifications while the petrochemicals are rich in toluene and xylenes. Conversion of waste plastics to exclusively either automotive grade gasoline or diesel or petrochemicals; 1 Kg of clean plastics can produce either 800 Ml of diesel or 700 ml of gasoline or 500 ml of petrochemical; Process is environment friendly as no toxic gases are evolved

ADVANTAGES:

- It converts waste plastics (polyethylene and polypropylene) to exclusively any one of the products viz. gasoline, diesel or aromatics of the BS IV/VI specifications
- Urban local bodies, Indian railways, shrine board etc. - The waste plastics being collected by these can be converted into diesel
- Clean and economical automotive grade fuel from alternative source
- Impetus to waste plastics collection
- Economic benefits to rag pickers
- Green solution to waste plastics disposal



