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## WHY THE KDV TECHNOLOGY OUTPERFORMES THE OTHERS LIKE E.G.

### Incineration or Pyrolysis or Plasma reduction

- a. KDV reaction temperatures are low 270C to 350 C so no Dioxins and Furans
- b. Process consumes only 10% of the available energy out of the feedstock to run KDV.
- c. Output is fuel oil / water / re-usable ash (fertilizer).
- d. There are no atmospheric emissions or pollutants since the process does not exhaust to atmosphere.
- e. Process is not a Combustion process and does not consume prodigious volumes of water for either process or for cooling.
- f. Process is low pressure (operates at less than atmospheric pressure - .i.e. under slight vacuum).
- g. The “Catalysts” required are low-cost, locally available and not Nickel or other high-cost materials (as per Fischer Tropsch process).
- h. Process is modular and scalable.
- i. Operating units are already installed in a wide range of countries and applications and there are several reference sites that can be visited??