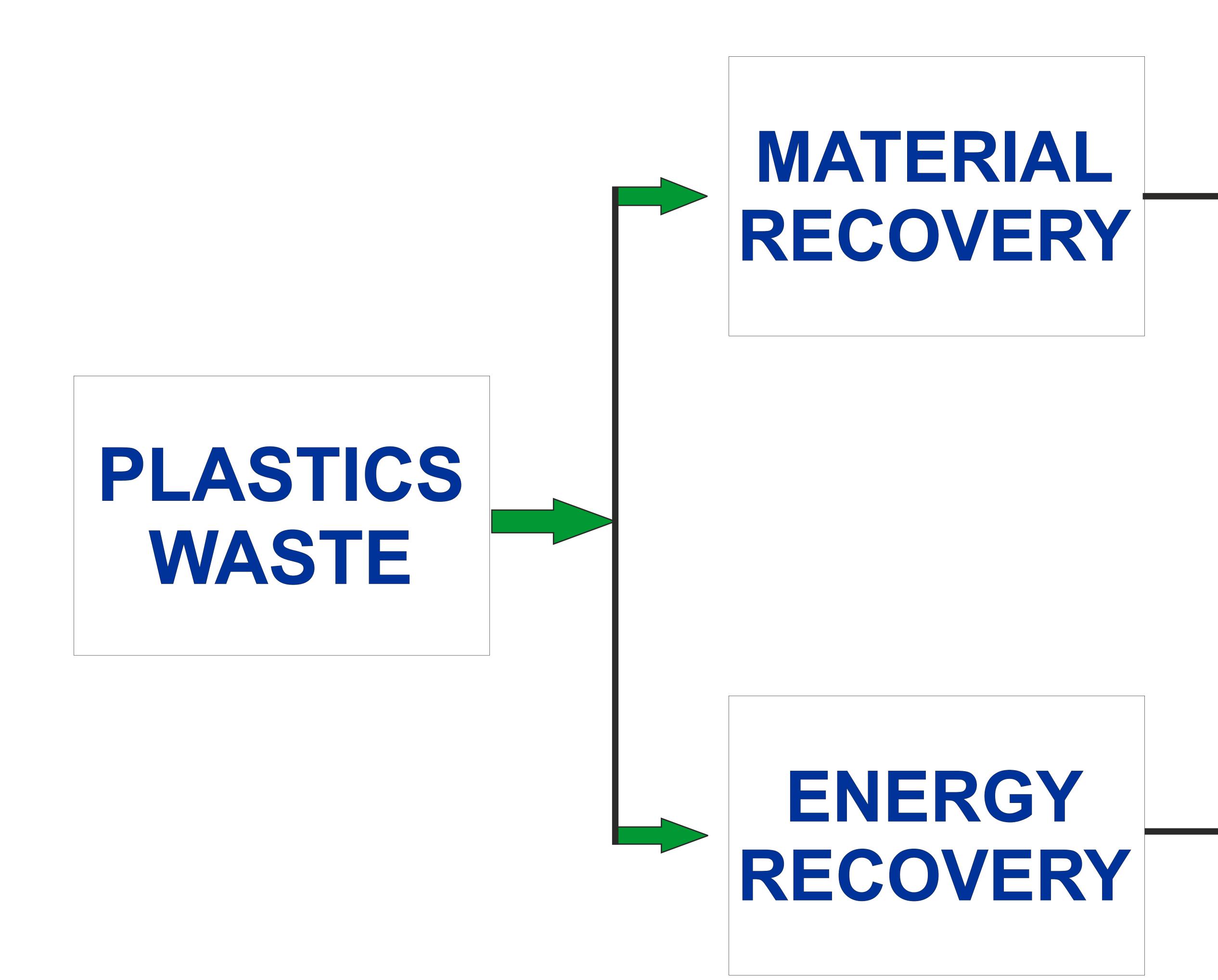
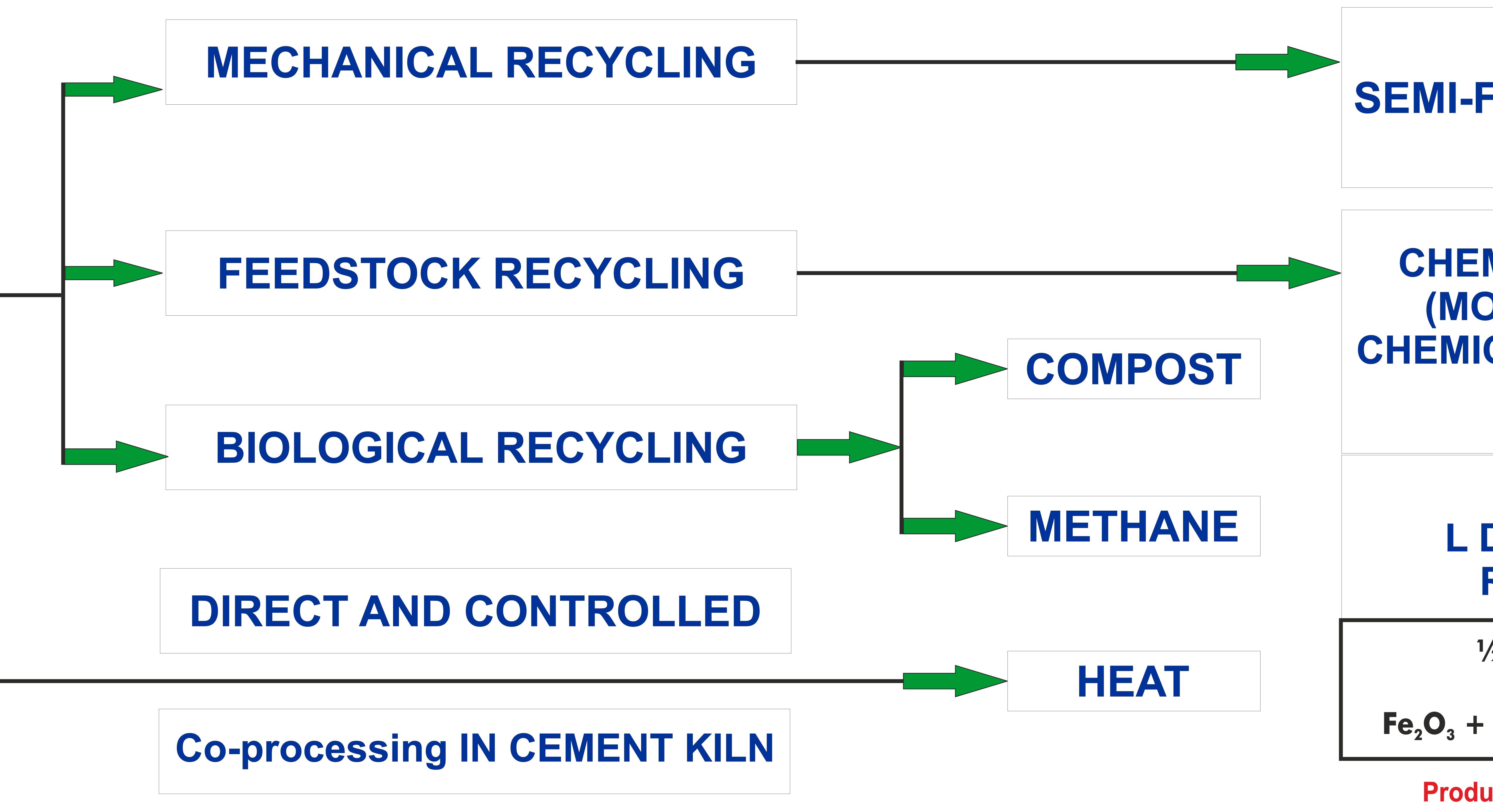


Ref:IS 14534 : 2023



WHY PLASTICS ? PLASTICS ARE 100% RECYCLABLE www.icpe.in PLASTICS RECOVERY & RECYCLING OPTIONS







RECYCLATES **SEMI-FINISHED OR FINISHED** PRODUCTS

CHEMICAL RAW MATERIAL (MONOMERS OR OTHER CHEMICALS IN GAS, LIQUID OR SOLID FORM)

> EXAMPLE LDO(Light DieselOil) **REDUCING AGENT**

 $\frac{1}{2}C_{2}H_{4} + CO_{2} = 2CO + H_{2}$

 $Fe_2O_3 + 2CO + H_2 = 2Fe + 2CO_2 + H_2O$

Production of Iron using Plastics Waste