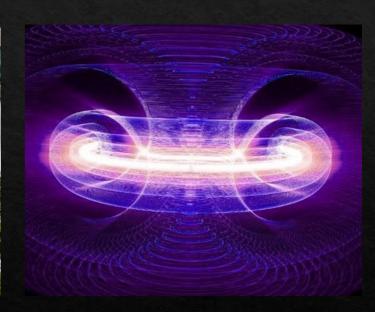




Renewable energy choices







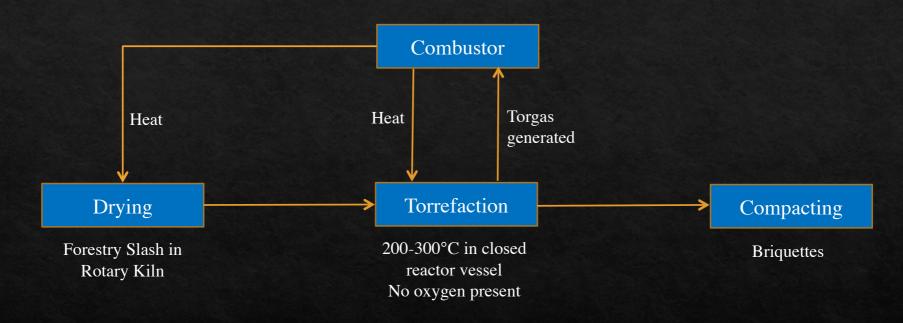








Torrefaction Principle



- •Process generates its own energy by producing Torgas (Methane, CO etc)
- •Pyrolysis uses a similar principle but the reactor vessel works at 500-600°C. Liquid bio oils, ethanol, and gases driven off leaving a char (carbon) residue. Liquid bio fuels can be made from this process. The Germans used this process during WW2 to make fuel for their army and airforce.



