

Clean cookstoves eg. Top-Lit UpDraft (TLUD) microgasifiers (could use laser cut design known as the 'Permastove' V3 built with 304 1.5mm stainless steel). Small waste biomass feedstock eg. Rice husk/Rice husk pellets/Wood pellets/coconut shell/corn cob etc Fuel efficient, reduces deforestation (uses waste), reduces indoor air pollution (clean burning), saves money spent on solid fuels Need to test according to 'IWA Tiers of Performance' for direct comparison to other 'clean' cookstoves

TLUD stove

Laser cutter eg. 500W
Fiber optic Style CNC ST-FC2513E

Biochar kiln

Biochar kilns eg. Kon-Tiki (could use laser cut flatpacked design known as the Flat-Tiki 'Carbon' V3 built with 3mm Carbon steel) Medium to large waste biomass feedstock eg. Bamboo, brush, agroforestry waste, rice straw, small branches etc

