

Mobile Pyroformer



Mobile Pyroformer to convert the agricultural and forest waste residues to energy products, chemicals and bio fertilizer. The bio oil produced can be used for production of speciality chemicals or blended with the diesel fuel and can be used for the stationary power applications. The by-product bio char can be used as bio fertilizer for the soil enrichment, water purification, and Energy and heat applications. The non-condensable gases will be used for the energy applications. The process parameter optimization studies are in progress.

The Socio-Economic benefits are

- New income for farmers and rural population
- Revitalizes the retarded rural & agricultural economies
- Employment multiplier : activities associated with the biomass growth and collection
- Biomass-energy systems : economic development without contributing to the greenhouse effect
- Local produce/waste and Local applications
- Higher economic benefits with high value chemical products