

Biomass Utilization

Methane Fermentation Technology

Record : Hita City (March 2006)

- About 80t/day of food waste, pig manure, and rural community sludge is methane-fermented in medium temperature.
- Fermentation technologies of Linde based in Germany is employed in the methane fermentation facilities.
- Biological gas is converted into electricity and hot water by a co-generation system for utilization.
- Volume of excess sludge generated in water treatment facilities is reduced through the solubilization facility (S-TE PROCESS(r)) to minimize the compost production.

