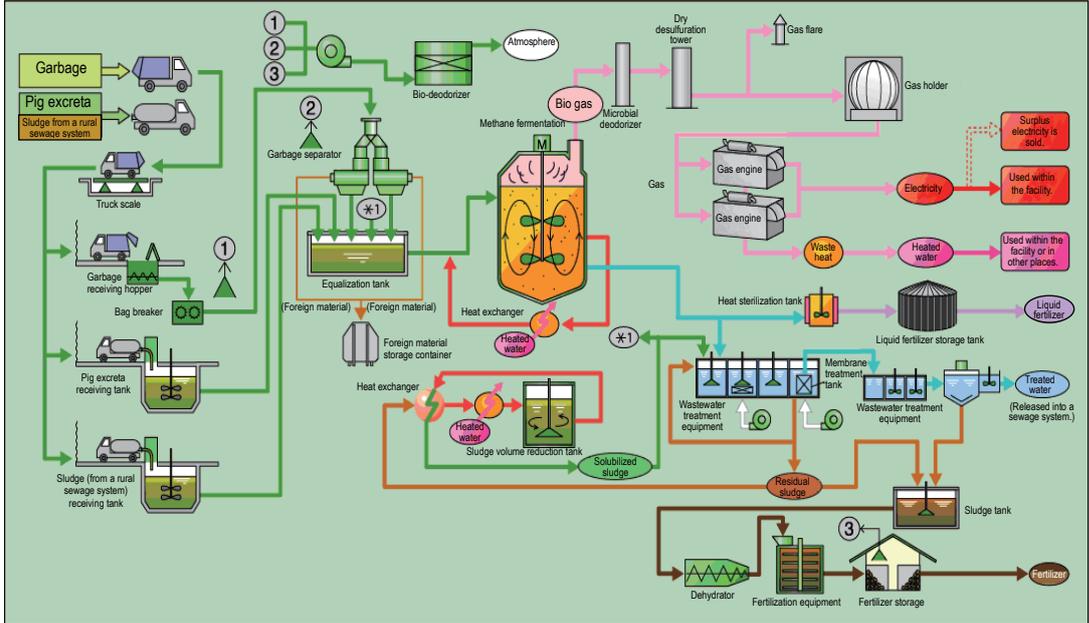


Technical Information Sheet

1. Name of technology	Methane fermentation technology for refuse, food waste, livestock waste, sewage waste, and other types of waste
2. Type of technology	Using methane fermentation technology, energy is recovered from refuse, food waste, livestock waste, sewage waste, and other types of organic waste. The status of the fermentation tank has been made visible, enabling safe operation.
3. Description of technology	<p>[Objective and application of the technology] Methane fermentation</p> <p>[Characteristics of the technology] The ammonia concentration in the methane fermentation tank is continuously measured and the internal flow velocity and deposit at the bottom are measured to monitor the fermentation status in the tank while the system is operating (able to “see” inside the tank), enabling optimum continuous operation and error detection. The gas engine power generation efficiency is 30% or so.</p>  <p>[Delivery record] Hita City (Oita Prefecture) and Coop Kobe</p> <p>[Price and other inquiries] Overseas Marketing Office, Environment Plant Division (Tokyo Office) 9-12, 5-chome, Kitashinagawa, Shinagawa-ku, Tokyo 141-8688, Japan TEL: 03-5739-6517</p>
4. Classification of technology	
(1) Applicable fields	Municipal solid waste treatment, Industrial waste treatment
(2) Target waste	Food waste/raw garbage, Other (sewage sludge, livestock excreta, sludge from rural sewage systems, etc.)
(3) Services provided	Sales of machinery and equipment, Waste treatment service, Technical cooperation/licensing, Consulting
5. Countries to which this technology can be provided	Asia
6. Keywords	Methane fermentation, ammonia, visualization
7. Contact information	KOBELCO ECO-SOLUTIONS CO., LTD. Overseas Marketing Office, Environment Plant Division (Tokyo Office) 9-12, 5-chome, Kitashinagawa, Shinagawa-ku, Tokyo 141-8688, Japan TEL: 03-5739-6517 URL: http://www.kobelco-eco.co.jp

Objective, application, characteristics, delivery record, and price of technology