



Technical Information Sheet

1. Name of technology	Sludge drying and fuelization facility
2. Type of technology	This technology is used to convert organic sludge such as sewage sludge into granular dry sludge through dehydration by oil-heated decompression. The granular dry sludge is used as fuel.
3. Description of technology	<p>[Objective and application of the technology] Drying, granulation, and fuelization of organic sludge</p> <p>[Characteristics of the technology] Organic sludge and waste food oil are mixed and indirectly heated under reduced pressure so that the sludge dries efficiently. From the dried mixture, oil is separated with an oil separator. The oil is recycled and the dried sludge is used as fuel after the cooling process.</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  <p>Treatment facility</p> </div> <div style="text-align: center;">  <p>Bio-solid (dried sludge)</p> </div> </div> <p>[Delivery record] Domestic: Several facilities</p> <p>[Price and other inquiries] Please contact the office and person in charge below.</p>
4. Classification of technology	
(1) Applicable fields	Municipal solid waste treatment, Industrial waste treatment, Recycling
(2) Target waste	Food waste/raw garbage
(3) Services provided	Plant construction
5. Countries to which this technology can be provided	China, Southeast Asia, South Asia
6. Keywords	Tempura, sludge drying, bio-solid, sludge fuelization
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