

Technical Information Sheet

1. Name of technology	3R promotion and solid waste management consulting and engineering technology
2. Type of technology	In countries overseas, including developing countries, appropriate waste treatment and utilization of useful resources are important environmental measures to promote in order to ensure public sanitation and waste reduction. This is a comprehensive consulting and engineering service technology applied at all government levels from national to local, covering everything from the preparation of a master plan for solid waste management to project implementation and monitoring.
3. Description of technology	<p>[Objective and application of technology]</p> <p>Appropriate waste treatment and final disposal should be implemented with the preparation of an integrated solid waste management master plan (MP) based on detailed current situation surveys as well as a technology that ensures the implementation of related priority projects proposed in the MP and achieves the target outcomes.</p> <p>Therefore, this technology is applied to the planning and implementation of projects at a range of local government and national levels as a technology designed to ensure a sanitary environment by proper project implementation.</p> <p>[Characteristics of technology]</p> <p>Waste and useful resources offer a diverse range, depending on the area characteristics of each originating source, and their management and treatment methods also require various technologies depending on the area characteristics, economic environment, etc. Our technology is characterized by its proposal of a waste management system that is the most appropriate for that area, based on the wealth of experience we have gained over the years both domestically and overseas.</p> <p>[Delivery record]</p> <p>Multiple both domestically and overseas (with a focus on developing countries)</p> <p>[Contact]</p> <p>As below</p>
4. Classification of technology	
(1) Applicable fields	Municipal solid waste treatment, Industrial waste treatment, Hazardous waste treatment, Final disposal, Collection, transportation, storage, Recycling, Survey/assessment, Other environment protection technology
(2) Target waste	Paper/cardboard, Waste plastic, Plastic bottles, Glass bottles, Steel cans, Aluminum cans, Styrene foam, Food waste/raw garbage, Construction waste, Electric home appliances, Fluorescent tubes, Electronic products, Cellular phones, Automobiles, Dry cell/lead batteries, Waste tires, Medical waste, Waste oil, Other
(3) Services provided	Consulting, Environment impact assessment, Survey/data processing
5. Countries to which this technology can be provided	All countries
6. Keywords	Waste, appropriate treatment, recycling, 3R, master plan, sanitary landfill, semi-aerobic landfill, incineration with power generation, planning and design, suitable land selection, environmental impact assessment, LCA
7. Contact information	<p>Shungo Soeda, 3R and Waste Management Group, Environmental Solution Division, Nippon Koei Co., Ltd.</p> <p>Email: soeda-sh@n-koei.jp</p>