

Grant Aid Projects/Standard Indicator Reference (Solid Waste Management)

Development strategic objectives (*)	Mid-term objectives	Sub-targets of mid-term objectives	Types of infrastructure	Standard indicator examples		Policy and methods for creating indicators	Examples of project objectives (project image)	Country name	Project name	FY of evaluation				
2. Technical improvement to achieve appropriate solid waste management	2-2. Improving collection and transportation	2-2-2 and 2-2-3. Expansion of collection coverage and more efficient collection and improved service	Waste collection and transportation vehicles (packer trucks, detachable container trucks, compactor trucks with container reversing gear, etc.), containers, sets of equipment and tools for inspection and repair of collection and transportation vehicles	Operation indicators	Basic indicators The amount of waste collected (tons/day) The waste collection rate (%) (the annual amount of waste collected / the annual amount of waste generated) The operating rate of waste collection vehicles	It is important that the collection service improve through the provision of collection equipment. Set indicators which demonstrate improvements in the collection service as well as appropriate maintenance (indicators concerning service providers).	<ul style="list-style-type: none"> The objectives of the project were to improve the environment and hygiene in Djibouti City, by providing equipment for the collection and disposal of waste to the cleaning department of Djibouti City, thereby contributing to the improvement of the basic living conditions of Djibouti citizens. The objective of the project was to provide equipment such as waste collection and transportation vehicles in order to resolve the shortage and deterioration of waste collection and transportation equipment which was a particularly serious problem concerning solid waste management in Hanoi City. Thereby, the project aimed to improve solid waste management in the city and directly contribute to the improvement in the living conditions of Hanoi citizens. 	The Republic of Djibouti	The Project for Provision of Waste Management Equipment	2012				
				Effect indicators	Basic indicators The size of the population receiving collection services The number of illegal dumping sites	Set indicators which demonstrate the number of service beneficiaries and improvements in the quality of services (indicators concerning service beneficiaries).	<ul style="list-style-type: none"> The objective of the project was to increase the waste collection rate and its efficiency by providing collection and transportation vehicles, thereby improving hygiene in Palestine. The objective of the project was to improve the waste collection rates in Prizren and Pristina by providing waste collection vehicles and repair tools and equipment to the respective cities. The objectives of the project were to increase and strengthen the capacity of 15 local governments for their waste collection in the project areas and to promote the safe and separate collection of medical waste, by procuring waste collection vehicles. 	Palestine	The Project for Improvement of Waste Disposal Equipment	2005				
					Supplementary indicators Improvement in collection plans The amount of special waste (medical, etc.) collected (Use this indicator depending on the project content.) The waste fee collection rate			Kosovo	The Project for Improvement of Solid Waste Management	2010				
								Syria	The Project for Improvement of Equipment for Solid Waste Treatment in Local Cities (Phase 2)	2009				

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2. Technical improvement to achieve appropriate solid waste management	2-2. Improving collection and transportation	2-2-2 and 2-2-3. Expansion of collection coverage and more efficient collection and improved service	Transfer stations, transfer vehicles	Operation indicators	Basic indicators Treatment capacity of transfer stations The operating rate The amount of waste treated The waste collection rate (%) (the annual amount of waste collected / the annual amount of waste generated) The operating rate of waste collection vehicles	The basic idea is the same as the one for waste collection vehicles.	The objective of the project was to improve the technical capacity for appropriate solid waste management (collection, transportation and disposal) in the project area (the Greater Amman) by providing solid waste management equipment.	Jordan	The Project for the Improvement of Solid Waste Management in the Greater Amman (Phase 2)	2009
				Effect indicators	Basic indicators The size of the population receiving collection services The amount of waste collected and the waste collection rate The number of illegal dumping sites Supplementary indicators Improvement in treatment efficiency (Consider measuring methods on a case-by-case basis.) The waste fee collection rate					
	2-3. Introduction and improvement of intermediate treatment	2-3-1. Reduction and recycling	Resource recovery facilities (waste segregation, recycling, etc.)	Operation indicators	Basic indicators The operating rate of the resource recovery facility The amount treated at the resource recovery facility	It is important that the operation of the facility be properly measured. Therefore, the operating rate and the amount handled at the facility should essentially be used as indicators	The objectives of the project were to promote activities related to the collection, transportation and volume reduction of waste as well as to improve the sanitary condition at the final disposal sites, by providing solid waste management equipment, expanding final disposal sites, developing recycling facilities, etc. Thereby, the project aimed to contribute to the improvement of the living conditions as well as public health in the target area.	Palestine	The Project for the Improvement of Solid Waste Management in the West Bank	2012
				Effect indicators	Basic indicators The amount handled at the resource recovery facility					
	2-4. Improving final disposal sites	2-4-3. Proper management and operation of final disposal sites	Equipment for final disposal sites (landfill compactors, bulldozers, backhoes, loaders, etc.)	Operation indicators	Basic indicators The operating rate of the equipment at the final disposal site	For a final disposal site, it is important that the facility be operated and conditions be improved (important to more closely follow sanitary landfill condition). It is, however, difficult to set quantitative indicators because the improvement in conditions aimed by each project is different from each other.	The objective of the project was to improve the solid waste management system in Xian City by providing equipment for a transfer station, a final disposal site and environmental monitoring.	The People's Republic of China	The Project for Improvement of Solid Waste Management in Xian City	2008
				Effect indicators	Basic indicators Improvement in the condition of the final disposal site Supplementary indicators Conditions of application of soil cover					

(*) Those development strategic objectives which do not apply to any grant aid projects were omitted. The mid-term objectives and the sub-targets of mid-term objectives which do not apply to grant aid projects were also omitted.