The Project for Strengthening Solid Waste Management in Khartoum State

**Project Theme:**
Basic Human Needs (Health)

**Counterpart:**
Ministry of Environment, Natural Resources, and Physical Development (MENRPD);
Khartoum Cleaning Corporation (KCC)

**Duration:**
May. 2014 to Mar. 2017

**Target Area:**
Khartoum State

**Project Summary:**
This project aims to establish more efficient and effective solid waste management system in Khartoum State, where there are approximately 6 million people and nearly 5,000 tons of solid waste is being generated every day. Yet, the collection rate of solid waste is as low as 65% due to old equipment and inefficient system, as well as lack of capacity of management for solid waste management system. Thus, solid waste remnants at many places in the state cause deterioration of sanitary environment, particularly in low income residential areas. In addition, despite the vast areas of the landfills, the operation is not satisfactory due to the lack of heavy vehicles and insufficient soil cover.

The project will contribute to (1) revision of the master plan of solid waste management in Khartoum State, (2) improvement of the capacity of waste collection and transportation, (3) improvement of the operation and management of the landfills, and (4) Improvement of measures of the institutional setting and financial status in solid waste management.

**Expected Impact:**
It is expected that the collection rate in Khartoum City will be improved to 80% by 2017 and the coverage ratio of waste collection fees by Local Authorities (LCAs) to total income will be 80% in 2017. More efficient collection system “Fixed time and Fix Place” is introduced in Khartoum/ Karary Locality and it result in efficient waste management system. Seeing this result, the Khartoum government decided to implement this activity to 21 areas by its own budget.

**Comment:**
“Technical Cooperation project is a useful project. It increased awareness and technical capacity of staff, improved landfills practice and transfer stations, also solid waste management ideas improved. We expect solid waste management and cleaning practices shall soon improve in Khartoum thanks to Japanese solid waste improvement program”.

*(Dr. Bushra Hamid, Director of Planning and Research, Khartoum Cleaning Corporation)*