

Day2

Title : 5. Case Studies and Knowledge Sharing on Waste Management in Africa

(2) North-South Cooperation Across the Borderline in Sudan

Speakers :

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Summary

The Presenters shared experience of a SWM Project, through collaboration between Sudan and South Sudan. The Project in Sudan was implemented from 2014 through 2017 with the overall goal of developing 'improved sustainable solid waste management (SWM) system in Khartoum state' and the Project Purpose of 'SWM becomes more efficient and effective.'

The Project included the following activities: pilot projects in residential area; training of various stakeholders (workers, communities and supervisors); awareness-raising activities, including study tours, procurement of equipment (collection truck and landfill equipment) and related training for drivers, mechanics and collection crews; and construction of central workshop for maintenance of equipment (e.g. collection trucks). Introduction of 'Fix Time Fix Place method' (collection of waste at many locations at random timings was shifted to one fixed place collection) was a feature of the Project, which improved the effectiveness of SWM and achieved higher collection rate.

The Project in South Sudan was implemented following the Project in Sudan, from 2017 to 2018. The aim of the Project was collecting basic information on the SWM system (waste generation, collection and transportation, intermediate treatment, recycling and landfill), which was expected to provide foundation for the new master plan of SWM in Juba. As a result of the Project, the SWM situation in Juba, such as the waste collection rate (4%) and prevalent illegal disposal, has been clarified. It is expected to help clarify the issues to be tackled in future. That Project in South Sudan also included elements for cooperation between Sudan and South Sudan. Through the Study Tour, the Project enabled the South Sudan parties to learn the SWM system in Sudan, particularly in Khartoum.

In responding to questions from a participant at the Meeting, the Presenters commented on fees charged for waste collection. In Juba, South Sudan, fee is collected from the businesses. Based on by-law, Juba City Council is also authorized to collect fees from households. In Khartoum State, 25% of the SWM cost is recovered by fee. However, at present, the level of SWM services in Khartoum is not sufficient and thus not being able to charge enough fees to fully recover the costs.