

## **CLEAN Jakarta Waste Bank Project: Alternative Solution in Urban Solid Waste Management by Community Based Total Sanitation (CBTS) Approach**

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**Abstract :** Everyday Jakarta produces 7,000 tons of solid waste and only about 5,200 tons delivered to landfill out of the city by 720 trucks, the rest are left yet manageable, as reported by Government of Clean Sector. CLEAN Jakarta Project is aimed at empowering community to achieve healthy environment for children and families in urban slum in Semper Barat and Penjaringan sub-district of North Jakarta that consisted of 20,584 people. The project applies Community Based Total Sanitation, an approach to empowering community to achieve total hygiene and sanitation behaviour by triggering activities. As regulated by Ministry of Health, it has 5 pillars: (1) open defecation free, (2) hand-washing with soaps, (3) drinking-water treatment, (4) solid-waste management and (5) waste-water management; and 3 strategic components: 1) demand creation, 2) supply creation and 3) enabling environment. Demand creation is generated by triggering community's reaction to their daily sanitation habits by exposing them to their surrounding where they can see faeces, waste and other environmental pollutant to stimulate disgusting, embarrassing and responsibility sense. Triggered people then challenged to commit to improving their hygiene practice such as to stop littering and start waste separation. In order to support this commitment, and for supply creation component, the project initiated waste bank with community working group. It facilitated capacity-building trainings, waste bank system formulation and meetings with local authorities to solicit land permit and waste bank decree. As it is of a general banking system, waste bank has customer service, teller, manager, legal paper and provides saving book and money transaction. In 8 months, two waste banks have established with 148 customers, 17 million rupiah cash, and about 9 million of stored recyclables. Approximately 2.5 tons of 15-35 types of recyclable are managed in both waste banks per week. On enabling environment, the project has initiated sanitation working group in community and multi sectors government level, and advocated both parties. The former is expected to promote behaviour change and monitoring in the community, while the latter is expected to support sanitation with regulations, strategies, appraisal and awards; to coordinate partnering and networking, and to replicate best practices to other areas.

**Keywords :** urban community, waste management, Jakarta, community based total sanitation (CBTS)

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