barrel type composting program

in slums & squatters settlements

Introduced by Waste Concern

Waste for poor can be a source of income through Barrel Composting

55% of the households in Dhaka belong to poor (absolute & hardcore) category
28% of the population of Dhaka city resides in 3007 slums and squatter settlements
22% of the poor in Dhaka city have access to municipal waste disposal facility
40% more waste related disease may spread due to inadequate waste management

Location
Slum and Squatter Settlements in Dhaka City, Bangladesh

Responsible Organization:
Waste Concern

Project Partners:
Community groups and Waste Concern

Financing:
Seed and emergency IBDP LIF Program, Ottawa, UK

Beneficiaries:
Slum dwellers of Dhaka city can directly benefit from the project

Project period:
Since 1999 ongoing

Issues Addressed:
Solid waste management, recycling, public awareness and participation and marketing of compost and recyclables.

Project Activity:
Under this project, a specially designed 1001 barrel type composting unit is supplied to the slum dwellers. One family barrel is provided to a group of 5 households and placed on a raised base with concrete ring. The cost of each unit is subsidized with the help of the municipal waste disposal fund. The family barrel was equipped with a breech that opens with a metal flange. The breech is closed, and the waste is placed in the barrel. Anaerobic compost is produced in the barrel. Slum dwellers are encouraged to have two or three further families at the same level in the same barrel. Waste is collected and composted in the same way. A composting unit is provided by Waste Concern which is subsidized by the community. It is then used for the composting process. This barrel can also serve as a source of income for the households sharing the composting unit.

Reduced Reuse Recycle Recover

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Bangladesh

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