

Ethiopia



Urban Waste NAMA

The Objective

- * The overall objective of this NAMA initiative is to facilitate the implementation of various activities by municipalities to reduce GHG emission from the solid waste sector.
- * The specific objectives of the proposed NAMA are (1) Reduction of waste going to landfill (source reduction); (2) Reuse/recycling of waste; and (3) Energy recovery.

The Target

Based on the Green Economy strategy, the urban sector contributes about 4.7 MtCo₂e or 3% of total emission in Ethiopia. The proposed NAMA is designed to be implemented in two phases. Phase 1 covers the implementation of the pilot in six municipalities, and uses data and lessons learned during this to develop a plan for the full scale roll-out of the NAMA. Phase 2 covers capacity building activities needed to scale-up the NAMA activities to the national scale. Full scale implementation of the NAMA costs USD 8,055,000.00.



The Stakeholders

The actors in the implementation of NAMA include:

Ministry of Urban Development, Housing and Construction

Ministry of Environment, Forest and climate Change

Regional State & Local Governments

Target Municipalities Local Community

The Goal

- * To promoting the transition towards integrated solid waste management, in favor of policies on waste reduction, recycling and energy recovery.
- * To create sustainable livelihoods for vulnerable informal sector
- * To Increase economic activity in sector by encouraging new technologies and new solid waste management processes.
- * To Reduce further environmental degradation from overflowing landfills
- * To increase the life of landfills
- * Reduce GHG emissions from landfills by diverting future waste streams away from them

The Technology

- * composting plants in major municipalities
- * composting facilities in small and medium size municipalities
- * LFG recovery system and power generation in closed major sanitary landfills
- * semi-aerobic system in closed and operating sanitary landfills
- * small size trucks for MSW collection in small and medium size municipalities
- * semi-aerobic landfills system in small and medium size municipalities
- * LFG recovery system and power generation in small and medium size municipalities
- * briquette manufacturing facilities in small and medium size municipalities

For more information, visit
www.lowcarbodev-support.org