

PROJECT FACTSHEET

SEKONDI-TAKORADI, GHANA

INTEGRATED WASTE BIO-DIGESTION AND RECYCLING PROJECT



Sector: Waste



Region: Africa



Mitigation impact: ~1 000, 000t CO₂ /25 yrs



Partner: Sekondi-Takoradi Metropolitan Assembly



Beneficiaries: ~104,000 inhabitants



Investment volume: €68.9 M



Financial pathway: Public/Concessional; Blended/hybrid/PPP



Status of project development: Feasibility studies

DESCRIPTION

Sekondi-Takoradi's project aims to establish an integrated waste management system comprising a biodigester, a material recovery facility, and city-wide source separation using a three-bag system: organic, recyclable, and residual. The project seeks to divert up to 80% of waste from landfill and improve environmental and public health conditions. It also prioritizes the inclusion of informal waste workers, particularly women, by providing safer working conditions and green employment opportunities.

UPSCALING POTENTIAL

The project has strong potential to serve as a proof of concept for sustainable waste management in Ghana, demonstrating innovative and scalable approaches that could be replicated in other cities and municipalities. By showcasing effective models for waste diversion, resource recovery, and improved service delivery, the project positions the city as a leading example of sustainable urban waste management.

TIMELINE

Month – Month 2026

Implementation of capacity development activities

Month – Month 2027

Identification of funding sources and preparation of a proposal

July 2026

Project kick off

Month – Month 2026

1. E&I and community engagement study
2. Technical feasibility studies

Month – Month 2027

1. Engagement with FI
2. Agreement between FI and City

IMPLEMENTING AGENCIES FUNDING PARTNERS