RAPID STUDY ON KABWE MUNICIPAL SOLID WASTE SYSTEM

FINDINGS
STUDY CONTEXT AND FRAMEWORK

- Mining and MSW waste management challenges in Kabwe
- Socioeconomic and environmental negative impacts
- World Bank support: IDA MERIP Project (Sanitary landfill development)
- World Bank/GPOBA Rapid Study
  - Review of legal/regulatory framework
  - Technical Baseline Study (Service design/performance)
  - Can RBF play a role in Kabwe’s MSWM improvement?
Common Challenges for MSW in Emerging Economies

- High cost of collection and disposal
- No market for waste-derived products
- Lack of appropriate policies and regulations
- Infrastructures in poor conditions
- Lack of awareness of waste issues
- Low institutional and technical capacity
- No plan or strategy for the sector
- Poor performance of private sector contracts
- Lack of organization of the informal sector
KABWE MSW
REGULATORY & INSTITUTIONAL CHALLENGES

- Absence of by-laws to enforce regulation for MSW management
- Low technical capacity (Staffing - Reporting and Monitoring)
- Lack of public awareness on MSW management regulation and related risks
Absence of waste characterization

Weak collection capacity
   (infrastructure and reporting system at KMC, CBEs & franchise companies)

Low collection performance
KABWE MSW
TECHNICAL ISSUES

- Low recycling levels (mainly paper, plastic waste & batteries)
- No waste segregation at source, collection points nor at dumpsite
- Lack of recycling technology (too costly)
- Lack of sanitary landfill - severe health & environmental hazards at current disposal site
- Waste-to-energy option currently inexistent
KABWE MSW
FINANCIAL SUSTAINABILITY CHALLENGES

- Low ability and willingness to pay
- Inefficient cost recovery system (weak tariff structure, low user fee levels)
- Very weak mechanism for fee collection
Results-based financing (RBF) aims to enhance delivery of services through the use of performance-based incentives, rewards or subsidies:

- **Output-Based Aid (OBA):** subsidy payments tied to the achievement of specified service performance outputs
- **Performance-based Contracting (CBEs & FCs)**
- **Conditional Cash Transfers (CCT)** are provided to households that meet certain specific conditions

**KABWE MSW**

**CAN RBF PLAY A ROLE IN KABWE’S MSW MANAGEMENT IMPROVEMENT?**
THANK YOU FOR YOUR ATTENTION!