



# Kenya Action Plan

Solid Waste Management TDD  
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# Kenya - Key Takeaways

1. It's important to define adequate O&M arrangements for landfills from the outset - outsourcing to private sector can be a good solution
2. Municipal SWM needs an holistic approach and include a comprehensive communication strategy for public education and awareness creation
3. Informal sector needs to be integrated into SWM system, recognizing their role as entrepreneurs
4. 3R and intermediate treatment needs to be implemented in tandem with organizational needs and implementation clearly prioritized
5. WtE incineration plants is good technology but too expensive for some developing countries like Kenya

# Kenya - Accomplishments Needed

1. Sustainable management model (incl. O&M) for first sanitary landfill in Kenya, Murang'a County
2. Sustain public participation and stakeholder engagement process for SWM projects
3. Expand coverage of solid waste collection in Nairobi Metropolitan Area (currently 50%)
4. Use intermediate treatment technology to reduce waste taken to Nairobi dumpsite by 20%
5. Formulate a robust institutional, legal, and regulatory framework to guide SWM in Nairobi Metropolitan Region to be enforced by county governments





# Kenya - Actions to be Taken

- **Short-term (next 4 months):**

- MoU on post construction institutional responsibility for Mitubiri sanitary landfill - by MOT & Murang'a County
- Complete land acquisition to ensure 250m buffer zone around Mitubiri landfill - by MOT, NLC & Murang'a County
- Complete detailed designs and ESIA for composting plants at markets in Nairobi County – by MOT & City County

- **Medium-term (4-15 months):**

- Develop sustainable O&M business model for sanitary landfill - by MOT & Murang'a County
- Operationalize local SWM committees in Kibera - by MOT & City County
- Prepare and implement SWM public awareness and education strategies in NMR counties - by MOT & NMR counties
- Implement composting plants at markets in Nairobi County - by MOT & Nairobi County

- **Long-term (longer than 15 month):**

- Develop and adopt SWM institutional, legislative, and regulatory framework for NMR - by MOT & NMR counties
- Expand sanitary landfill model to other counties in NMR – by MOT & NMR counties
- Advance implementation of 3R approach in NMR (incl. collaboration with private sector)– by MOT and NMR counties

# Kenya - Barriers & Challenges to Implementation

1. Slow internal approval processes
2. Limited resources available to sustain public consultation processes for SWM projects
3. NMR counties prefer different SWM approaches than Ministry and do not give priority to SWM in terms of budget
4. County Assemblies have limited expertise and experience in formulating SWM institutional, legal, and regulatory framework
5. Lack of training for county staff on landfill post construction period

# Kenya - Lending and TA - Active or Needed

- Technical Assistance Work Planned:

- Development of institutional, legal, and regulatory SWM framework for NMR (active)
- 3R and intermediate treatment facilities (active)
- Development of sustainable O&M model for sanitary landfills (needed)
- Support to operationalize SWM committees in informal settlements (needed)

- Investment Work Planned:

- Construction of Mitubiri landfill (works and supervision) – US\$ 11.5 million (active)
- Collection points and equipment for Kibera and Murang'a (active)
- Construction of composting plants for markets in Nairobi – estimate pending (needed)
- Construction of second sanitary landfill for NMR (works and supervision) – US\$ 15 million (needed)

# Kenya - Support Needed

- World Bank:

- Support for second sanitary landfill and composting plants in NMR
- Support for capacity building of county staff and members of County Assemblies

## TDLC Program (Japan)

- Defining appropriate O&M model for sanitary landfills
- Developing public awareness and education strategies
- Develop integrated SWM policy, institutional and legal framework for metropolitan areas
- How Japanese experience to implement 3R approach can be leveraged in Nairobi's context

## Knowledge Products (Case Studies, Policy Notes, etc.)

- Good practices and lessons learnt in operationalizing SWM committees in informal settlements