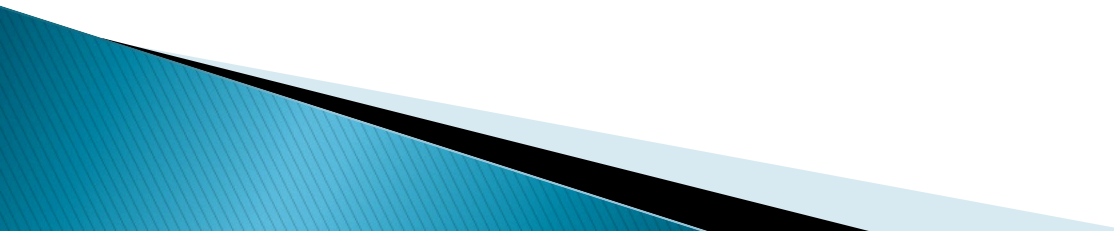


Clean Buchanan Project

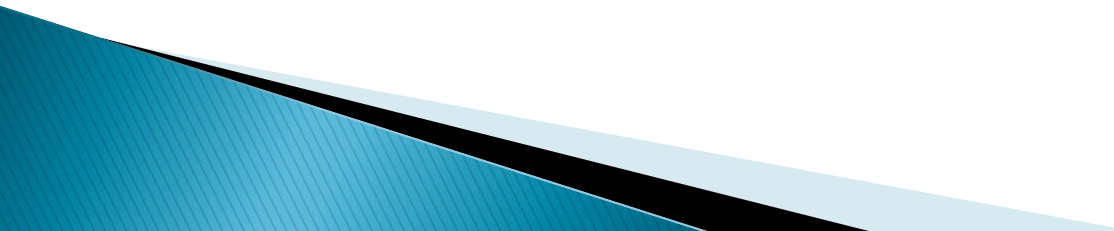
A Sustainable Waste Management Project
Buchanan City Corporation (BCC)
Grand Bassa County, Liberia

Presented By: Hon. George B. Gaybueh & Mr. Thomas A. Nimely

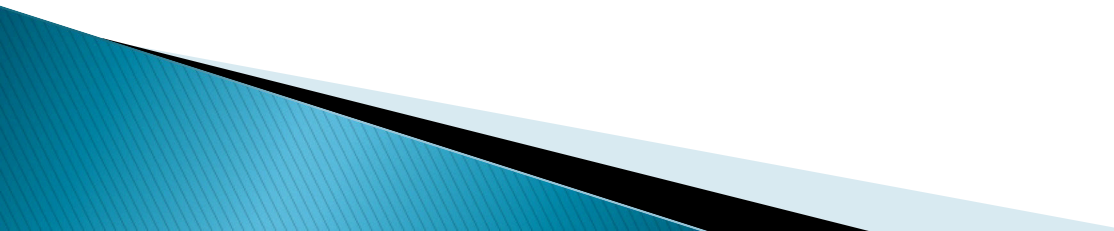
Presentation Overview

- ▶ Project background and context
 - ▶ Problem statement and justification
 - ▶ Project goal and objectives
 - ▶ Proposed interventions
 - ▶ Implementation plan and budget
 - ▶ Sustainability, alignment, and next steps
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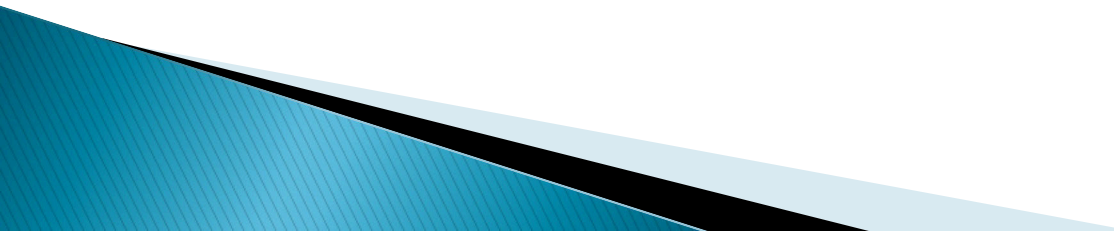
Project Overview

- ▶ Project Title: Clean Buchanan
 - ▶ Duration: 3 Years
 - ▶ Total Budget: USD 1.8 Million
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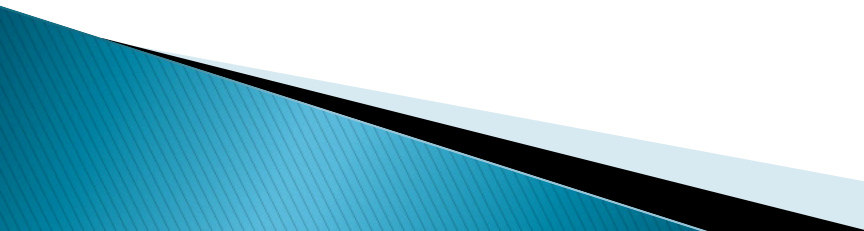
Project Implementers

- ▶ Lead Agency: Buchanan City Corporation (BCC)
 - ▶ Private Partner: Clean Cities Inc.
 - ▶ Key Support: CSOs, Youth & Women Groups
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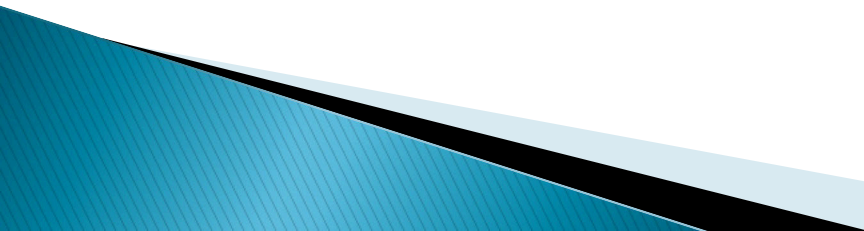
Project Coverage Area

- ▶ Buchanan City
 - ▶ Lower Harlandsville Township
 - ▶ Total Combined Population: 98,623
(LISGIS 2022)
- 

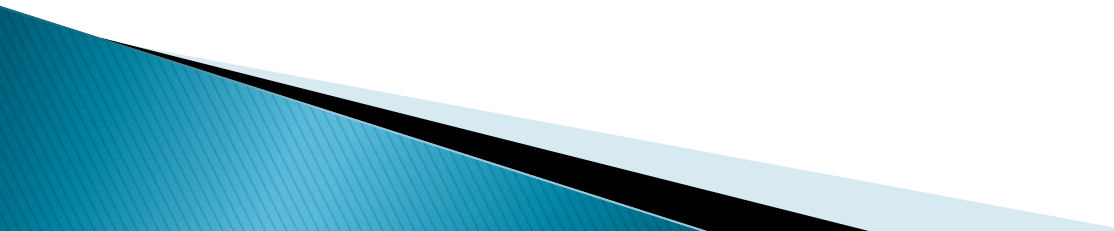
Background & Context – Location

- ▶ Buchanan is the capital of Grand Bassa County
 - ▶ Named in honor of Governor Thomas Buchanan and founded in 1839
 - ▶ Total area– 8mile²
 - ▶ It hosts the second–largest port in Liberia
 - ▶ Major hub for trade and investment
 - ▶ Rapid urbanization and port expansion
 - ▶ Rising population and economic activity
 - ▶ Pressure on sanitation infrastructure
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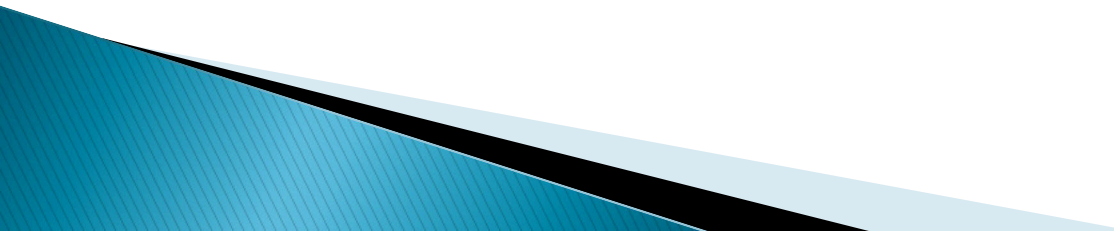
Problem Statement – Overview

- ▶ No functional solid waste management system
 - ▶ Severe health and environmental risks
 - ▶ High vulnerability to flooding and disease
 - ▶ 6.17 metric tons of waste generated daily
 - ▶ Only 10.54% formally collected
 - ▶ Open dumping and burning widespread
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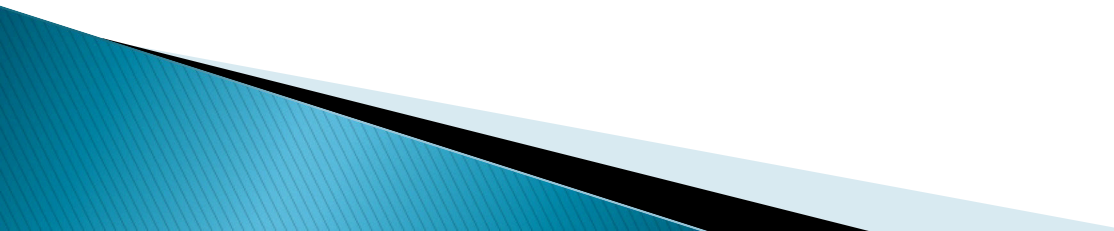
Infrastructure Gaps

- ▶ Only one functional waste truck
 - ▶ No landfill or transfer stations
 - ▶ No public waste bins
 - ▶ No sewage truck
 - ▶ No waste withholding sites
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Governance & Policy Gaps

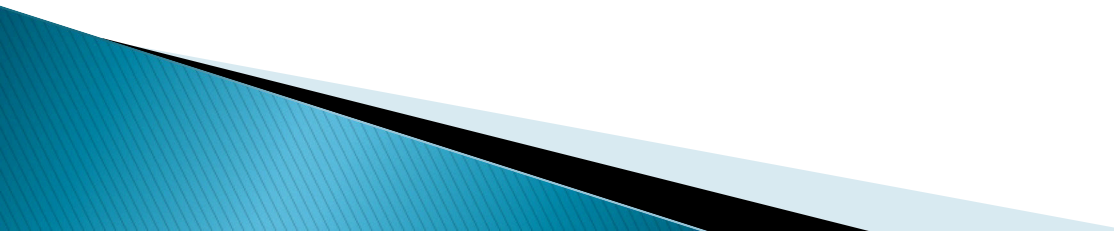
- ▶ No municipal waste management bylaws
 - ▶ No enforcement or inspection system
 - ▶ Weak institutional coordination
- 

Financial & Capacity Constraints

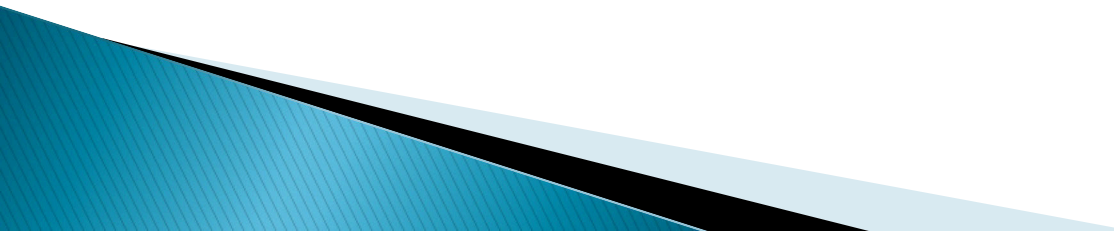
- ▶ Annual sanitation budget: USD 2,478
 - ▶ Only 7 sanitation workers
 - ▶ No cost-recovery mechanism
 - ▶ Lack of trained manpower
- 

Why Intervention Is Needed

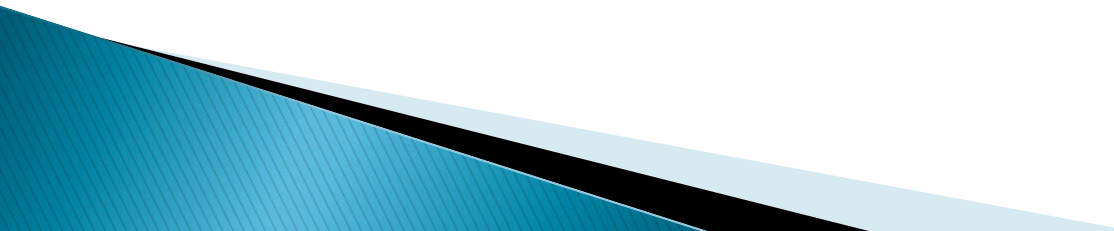
To control and manage:

- ▶ Public health risks from unmanaged waste
 - ▶ Environmental pollution, biodiversity loss and flooding
 - ▶ Economic losses and poor city image
- 

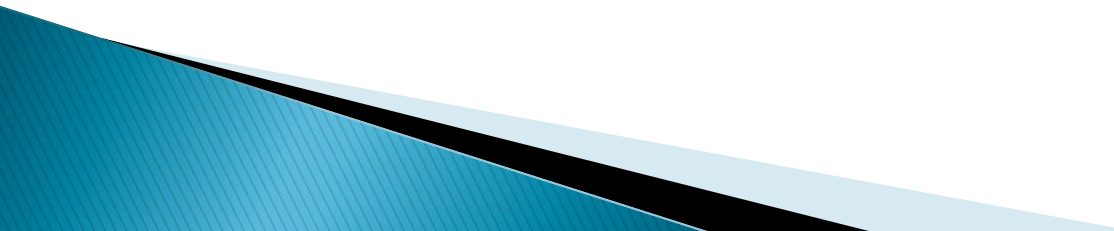
Opportunity for Transformation

- ▶ Strong city leadership commitment
 - ▶ Private sector partner available
 - ▶ Community readiness for change
- 

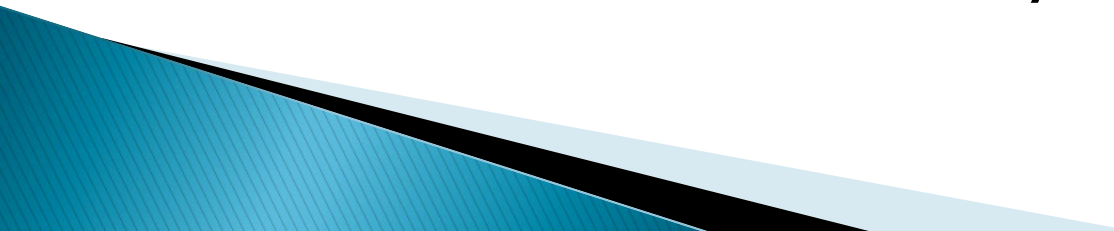
Alignment with National Priorities

- ▶ Arrest Agenda for Inclusive Development (AAID)
 - ▶ Liberia Vision 2030
 - ▶ Decentralized governance reforms
- 

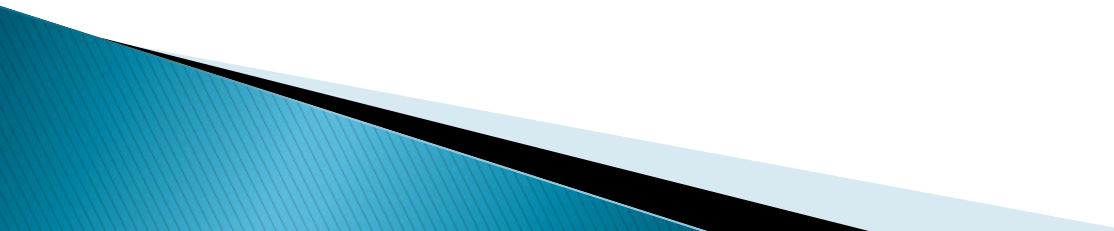
Overall Project Goal

- ▶ Establish a sustainable and inclusive waste management system
 - ▶ Improve public health and environment
 - ▶ Create jobs and strengthen urban resilience
- 

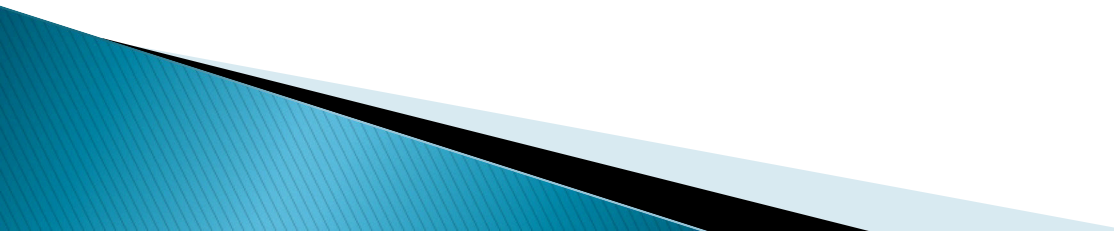
Specific Objectives

- ▶ Increase waste collection to 80%
 - ▶ Procure and deploy sanitation infrastructure
 - ▶ Develop and enforce municipal bylaws
 - ▶ Introduce user fee system
 - ▶ Create green jobs for youth and women
 - ▶ Promote behavior change
 - ▶ Launch circular economy initiatives
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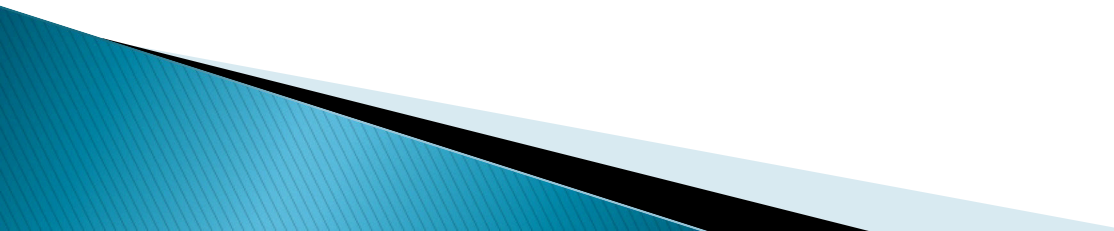
Intervention Component 1: Infrastructure

- ▶ Procure waste trucks and loaders
 - ▶ Install 5,000 public waste bins
 - ▶ Construct a mini sanitary landfill
 - ▶ Train 50+ sanitation workers
 - ▶ Strengthen BCC sanitation unit
 - ▶ Peer learning from other cities
- 

Intervention Component 2: Public Awareness

- ▶ Radio and school campaigns
 - ▶ Community town halls meetings
 - ▶ Youth and women-led cleanups campaign
 - ▶ Draft and enact sanitation bylaws
 - ▶ Establish waste inspectorate
 - ▶ License private collectors
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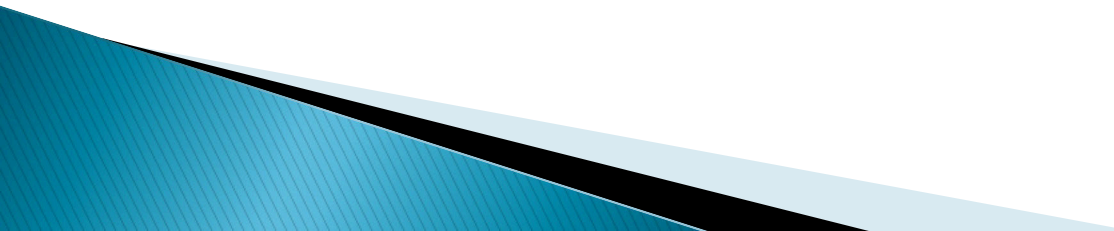
Intervention Component 3: Green Jobs

- ▶ Composting and recycling pilots
 - ▶ Support 10+ micro-enterprises
 - ▶ Promote waste sorting at source
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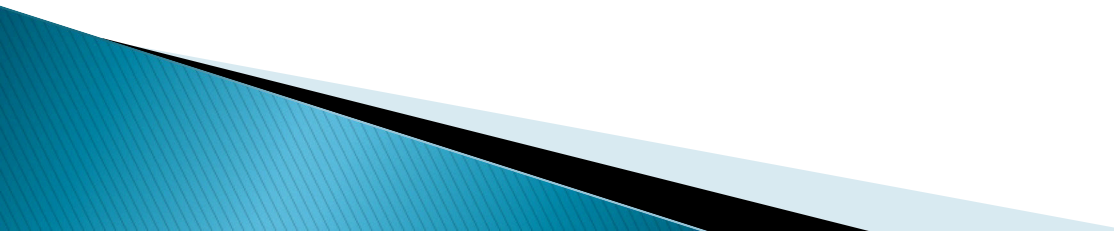
Expected Results – Service Delivery

- ▶ 80% waste collection coverage
 - ▶ Functional landfill and waste hubs
 - ▶ Reduced open dumping and burning
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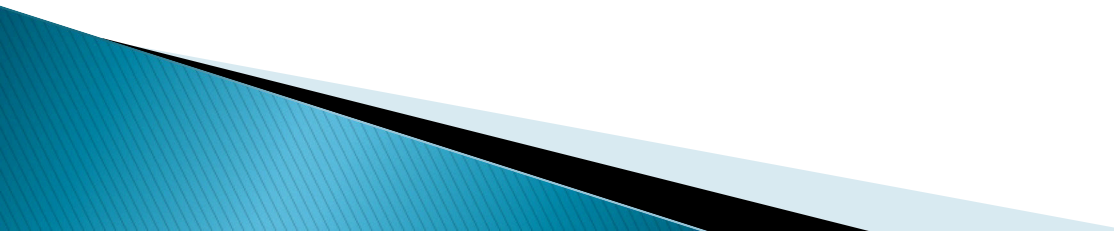
Expected Results – Economic Impact

- ▶ 100+ jobs created
 - ▶ Youth and women-led enterprises
 - ▶ Stable municipal revenue stream
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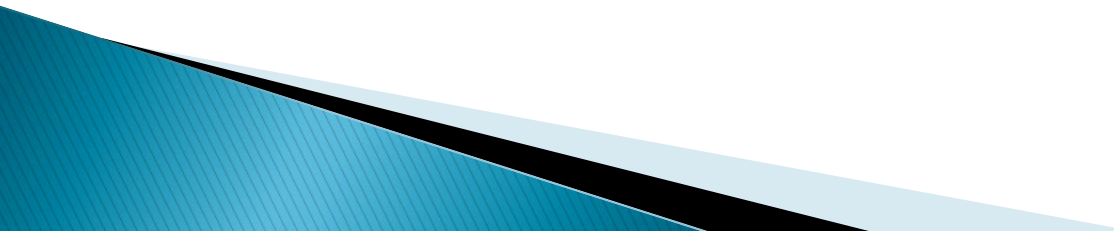
Expected Results – Governance & Behavior

- ▶ Bylaws enforced citywide
 - ▶ Improved public compliance
 - ▶ Stronger city accountability
- 

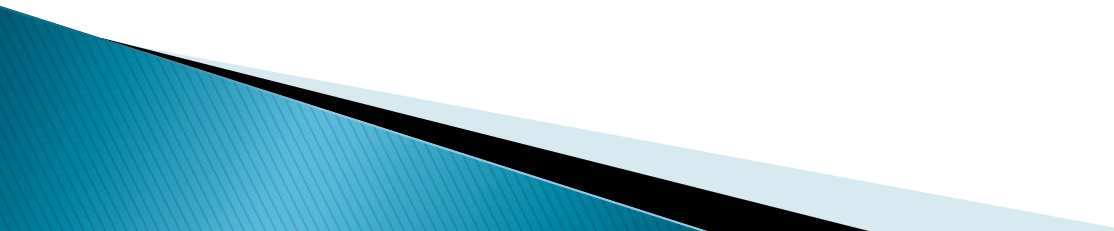
Implementation Plan – Year 1

- ▶ Procurement of equipment
 - ▶ Training and bylaw drafting
 - ▶ Pilot collection and awareness
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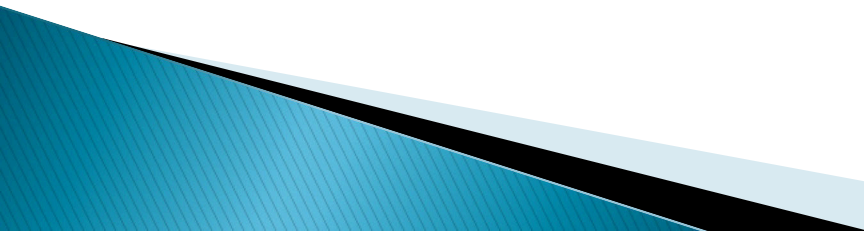
Implementation Plan – Year 2

- ▶ Landfill construction
 - ▶ Expansion of collection zones
 - ▶ Community engagement intensified
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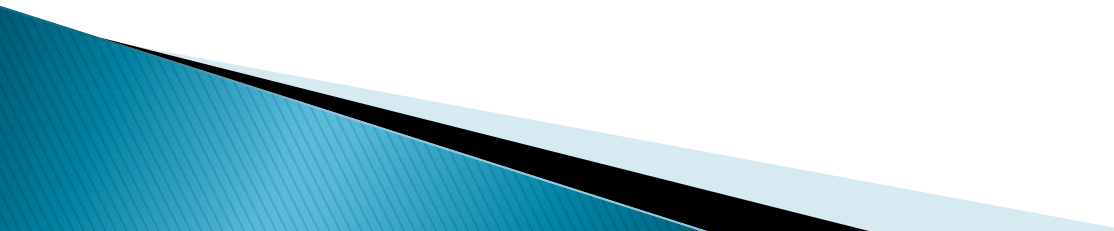
Implementation Plan – Year 3

- ▶ Citywide service rollout
 - ▶ Fee enforcement
 - ▶ Final evaluation and handover
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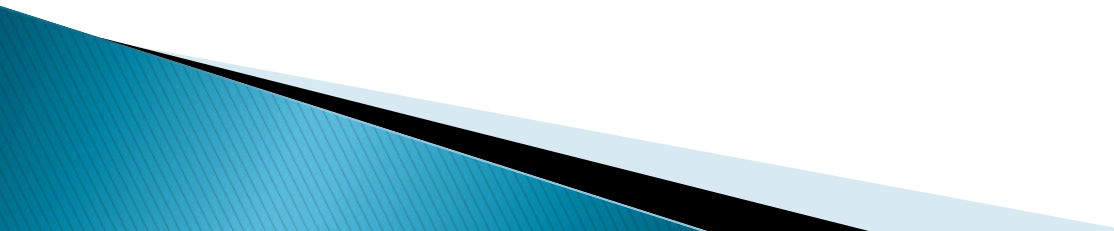
Budget Summary (USD 1.8 Million)

- ▶ Equipment & trucks: \$600,000
 - ▶ Landfill construction: \$600,000
 - ▶ Bins, PPE & withholding sites: \$550,000
 - ▶ Training, M&E & policy: \$50,000
- 

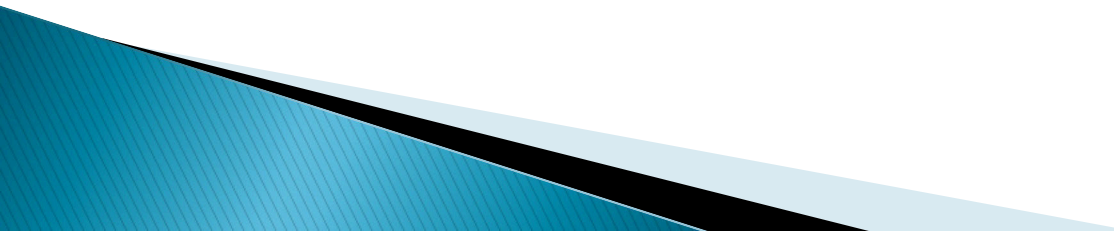
Financial Sustainability Strategy

- ▶ Household user fees
 - ▶ Commercial service charges
 - ▶ PPP with Clean Cities Inc.
 - ▶ Projected revenue: ~\$298,000/year
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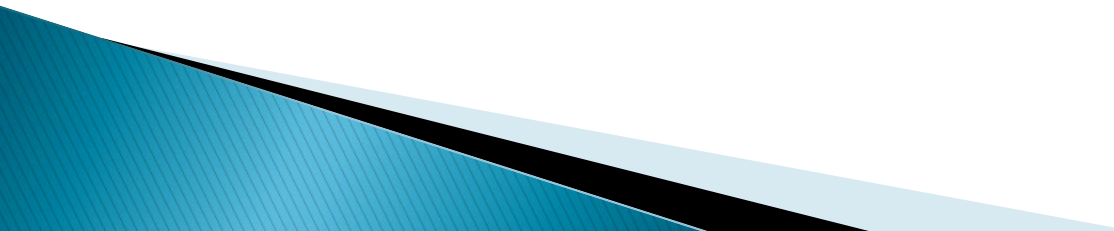
Monitoring & Evaluation

- ▶ Results-based M&E framework
 - ▶ Quarterly performance reviews
 - ▶ Community feedback systems
 - ▶ Independent evaluations
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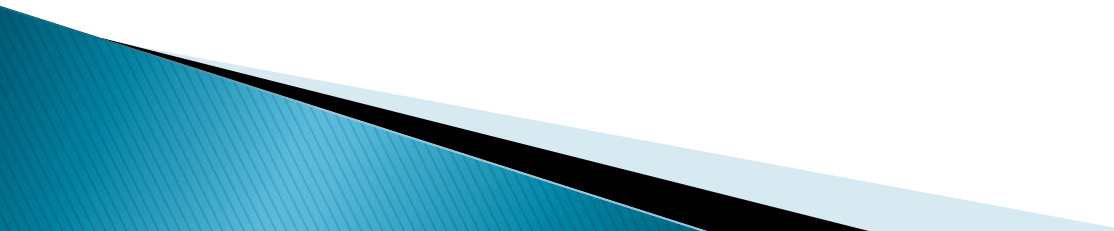
Key Risks & Mitigation

- ▶ Procurement delays – early planning
 - ▶ Low fee compliance – mobile money
 - ▶ Community resistance – engagement
- 

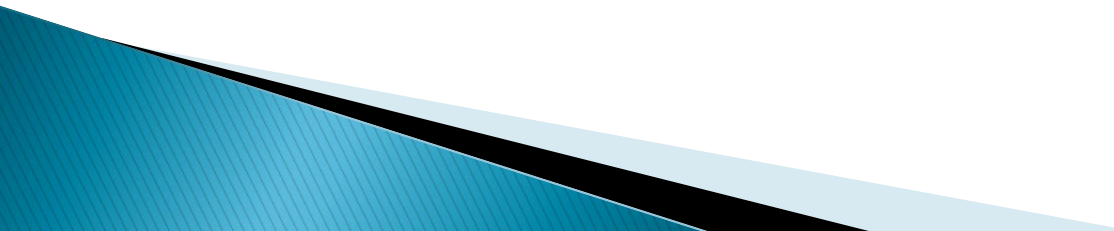
Donor & SDG Alignment

- ▶ Aligned with SDGs 3, 6, 11 & 13
 - ▶ Supports UNDP, WB, AfDB, EU priorities
 - ▶ Scalable and replicable model
- 

Conclusion

- ▶ Clean Buchanan is ready for implementation
 - ▶ High impact on health, jobs, and environment
 - ▶ A model for sustainable urban sanitation
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Call to Action

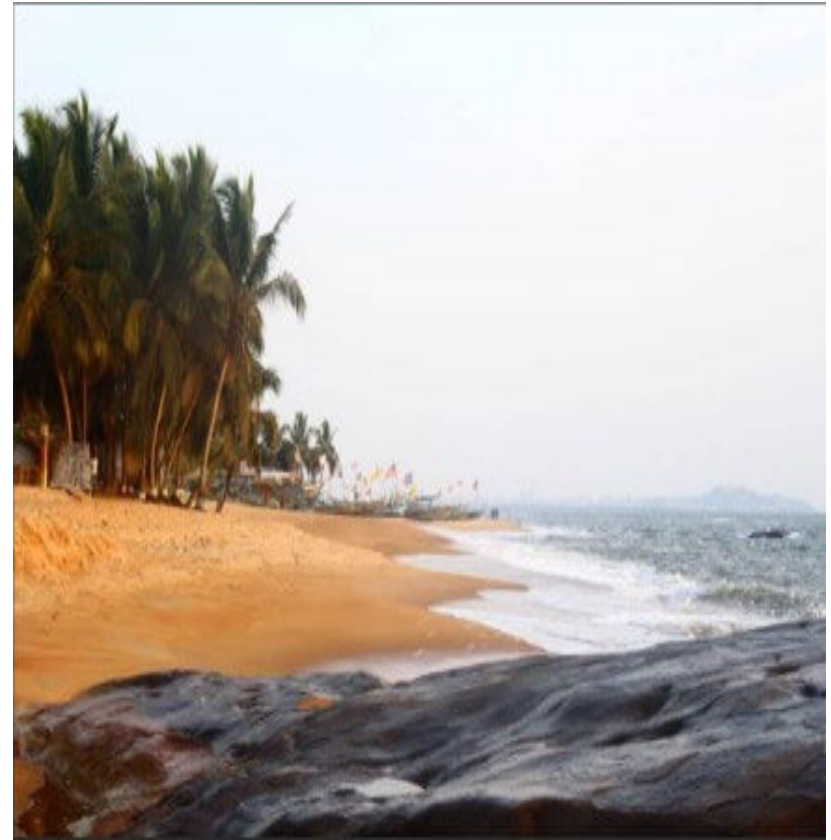
- ▶ Partner with Buchanan City Corporation
 - ▶ Invest in clean, resilient cities
 - ▶ Help transform waste into opportunity
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RECENT PHOTOGRAPH OF BUCHANAN CITY

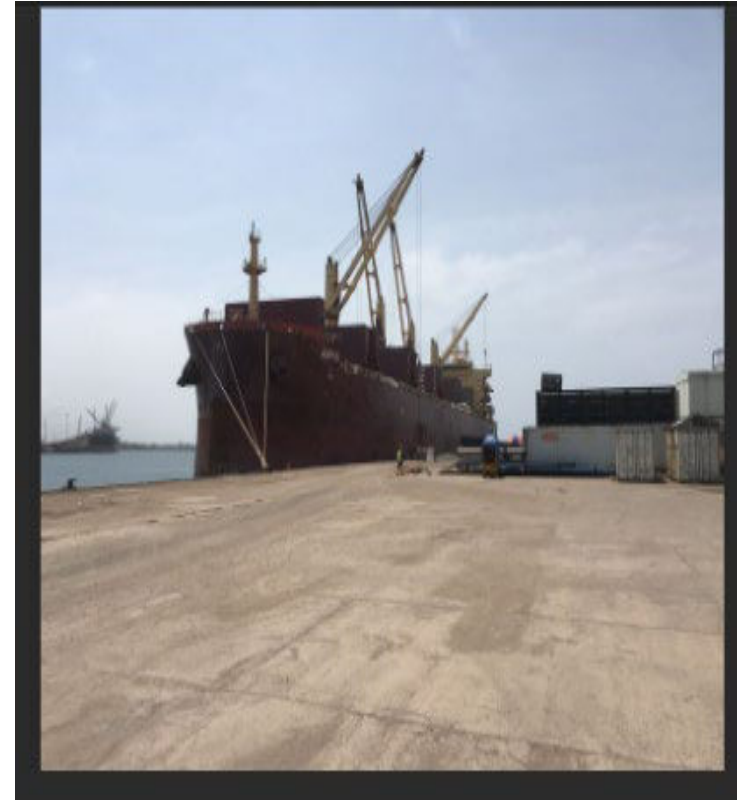


View of Buchanan, Grand Bassa County

BEACHES OF BUCHANAN



PORT OF BUCHANAN



SEA EROSION AFFECTED COMMUNITIES IN BUCHANAN



FLOODED COMMUNITIES IN BUCHANAN



CURRENT WASTE DISPOSAL SITE

