

THIRD DOLOMITE CONFERENCE ON GOVERNANCE OF CLIMATE  
CHANGE AND SUSTAINABILITY

# HOW TO MANAGE THE TRADEOFF BETWEEN LIMITED PUBLIC MONEY AND SUSTAINABLE DEVELOPMENT GOALS – THE CASE OF WASTE INTO MEGA CITIES IN THE DEVELOPING WORLD

Problem Solving Group 1

REDESIGN GREEN POLICIES IN A POST 1.5C  
 WORLD  
 TRENTO  
 17-19.10.2024  
 DOLOMITE CONFERENCE  
 Third edition

# PROBLEM OVERVIEW

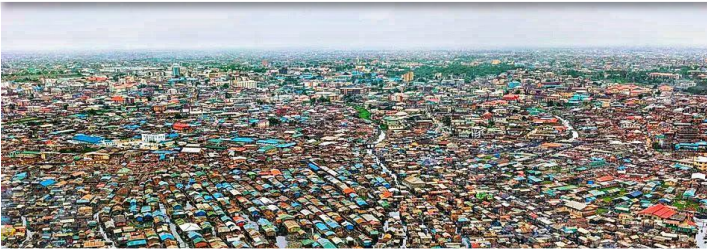
## Sanitation Issues

- 1 Lack of Safe Sanitation (3.6 billion)
- 2 Untreated Sewage (80%+)
- 3 Cultural Context Prioritizes Healthcare over Sanitation (Especially in Sub-Saharan Africa)

## Managerial Challenges

- 1 Inadequate Data Management
- 2 Weak Monitoring Systems
- 3 Temporary Solutions in Informal Settlements

Lagos, Nigeria



Port-Au-Prince, Haiti



Dhaka, Bangladesh



## Need for Market Creation

Establishing clear land ownership structure, legal & monetary framework and valuation system for waste

# ATTRIBUTING RESPONSIBILITY

★ Indicates oversight from external governance body

## Land Ownership / Formalization for Informal Settlements

### Community Land Trusts

- ✓ Legitimized market (increased pathways for private investment)
- ✓ Accountability for health & environmental costs
- ✓ Validates access to basic public services and increased transparency & security

### Land Tracking Systems

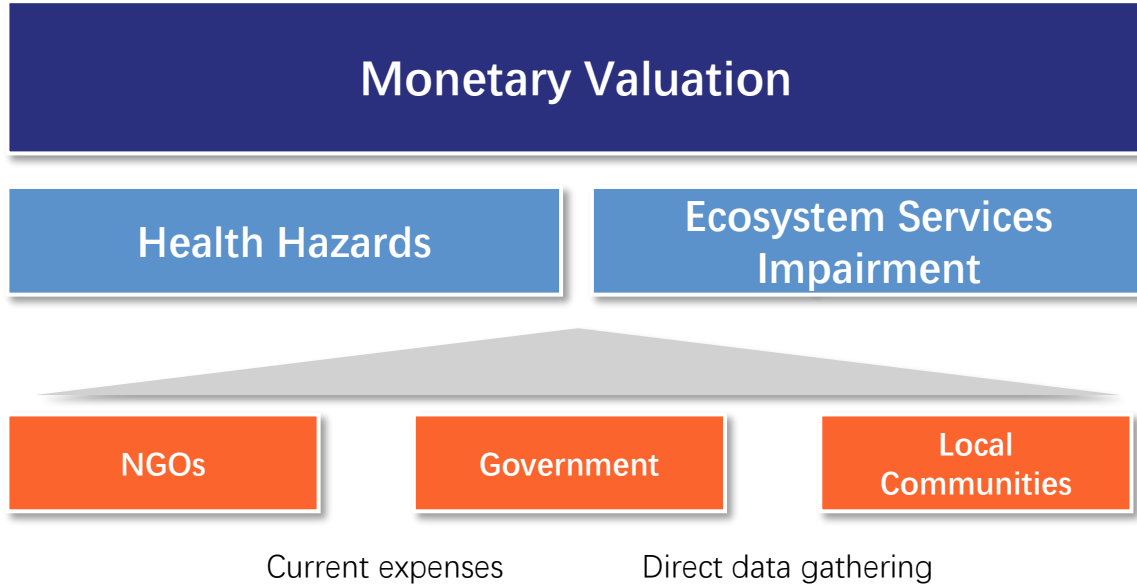
- ✓ Account for rapidly growing informal settlements
- ✓ High flexibility for diverse geographic areas
- ✓ Clear documentation and promotes long-term urban planning

## External Governance Body

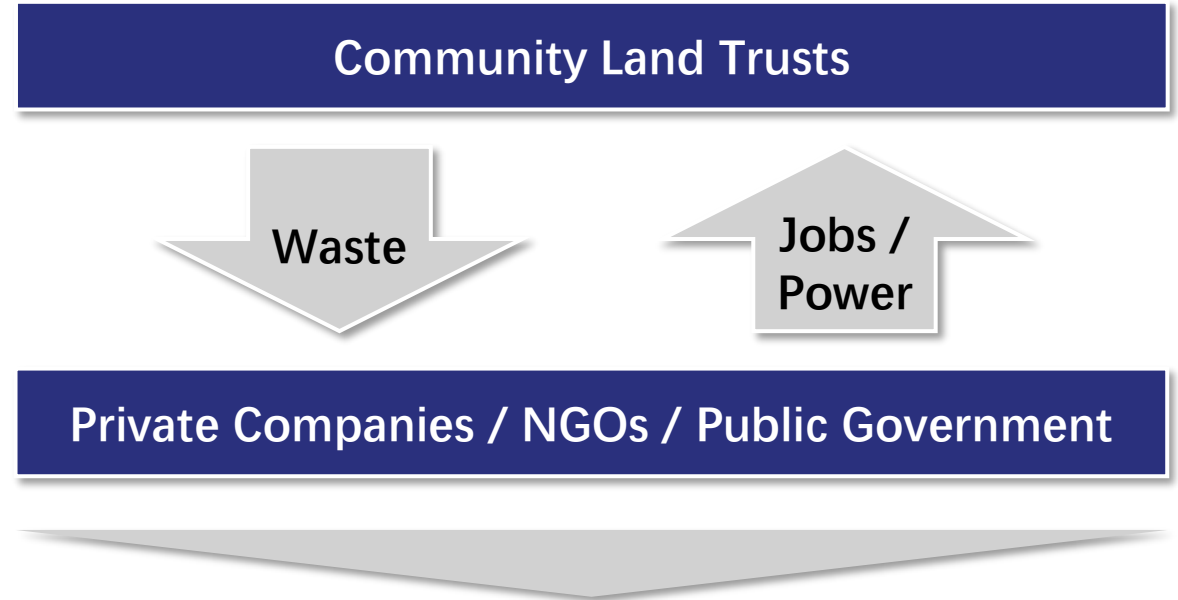
- Consists of NGO leaders and governance / sustainability experts that are independent of local governments
- Provides legal framework & oversight to ensure proper distribution of land and allocation of funds
- Responsibility of monitoring with emphasis on clear reporting standards

Creation of Formalized, Free Market for Waste

# WASTE AS A MARKETABLE RESOURCE



- ✓ Quantification of the hidden costs of poor waste and sanitation management
- ✓ Facilitation of impact investments and public-private investments patterns
- ✓ Coordination and inclusion of the currently affected entities



- ✓ Waste as a commodity / resource
- ✓ Beneficial waste products including power through biogas, fertilizers, compost, etc.
- ✓ Creation of jobs for local communities from treatment plants
- ✓ Community participation, engagement & education

# SOLUTIONS FOR THE MANIFESTO

#1

Attribution of Waste Responsibility

#2

Waste as a Marketable Resource