

“No-one left behind: City-wide Inclusive Sanitation Planning in Practice”

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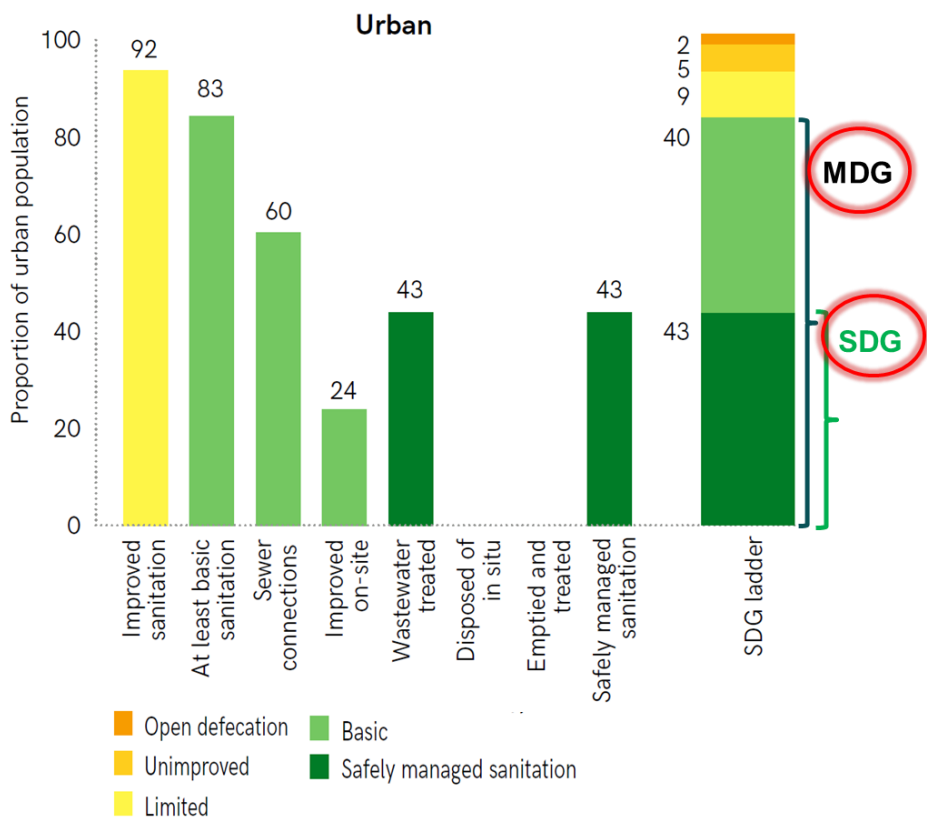
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“No-one left behind: City-wide Inclusive Sanitation Planning in Practice”

THE NAIVASHA SUB-COUNTY VISION

**COUNTY WIDE INCLUSIVE SANITATION PLAN FOR NAIVASHA
SUB-COUNTY, ENSURING SANITATION FOR ALL**

A paradigm shift for sanitation



- Business as usual is not working
- Service providers can't keep up with population growth
- We need to think differently



City wide Inclusive Sanitation means.....

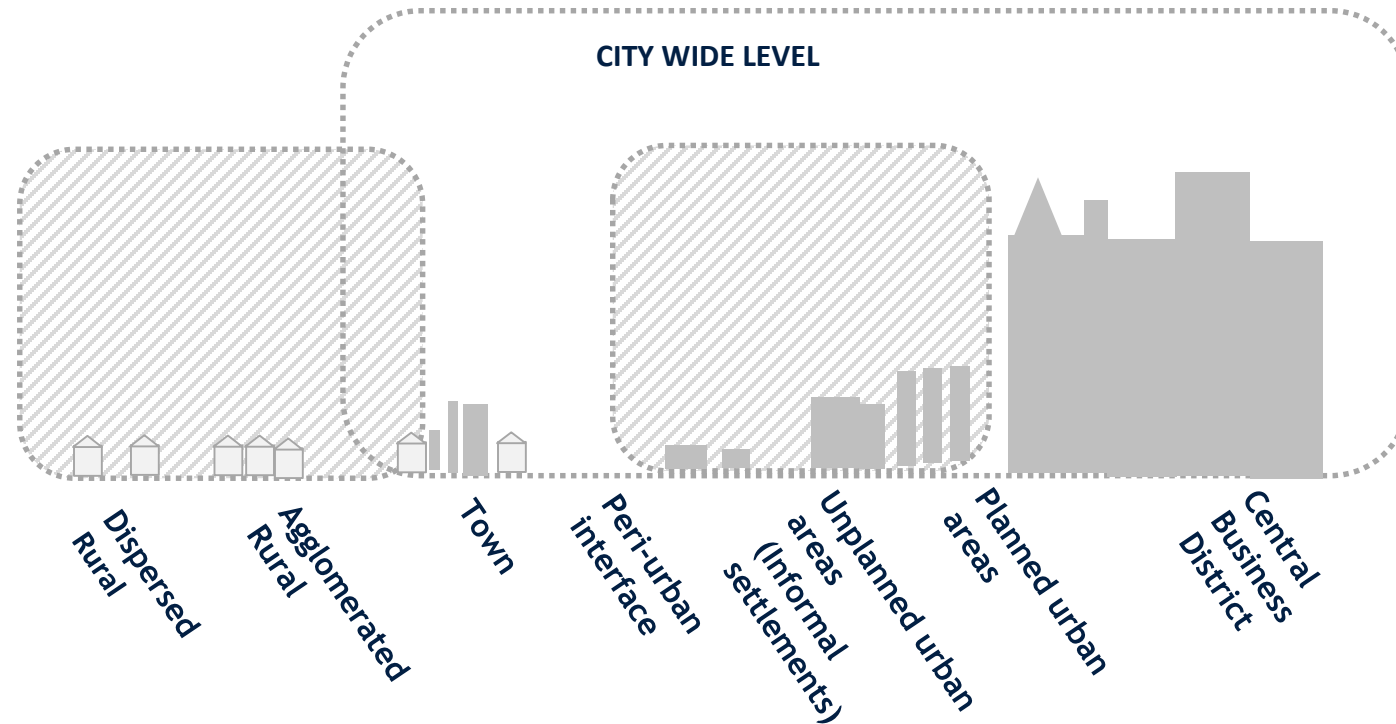


- **Everybody benefits** from adequate sanitation service delivery outcomes
- Human waste is **safely managed along the whole sanitation service chain**
- Effective **resource recovery and re-use** is considered
- A **diversity of technical solutions** is embraced, being **adaptive, mixed and incremental**
- **Comprehensive approaches** to sanitation improvements needed, with **planning, technical innovation, institutional reforms and financial mobilization**
- Cities will need to demonstrate **political will** and technical and managerial **leadership**, and to manage **new and creative ways of funding** sanitation
- Combines **both onsite sanitation and sewerage solutions**, in either **centralized or decentralized systems**, to better respond to realities faced in cities
- Needs to consider **complementary services: water supply, drainage, greywater, solid waste**



A county Wide Approach

COUNTYWIDE LEVEL - NACOSTEC



City-wide Inclusive Sanitation Kenya, Naivasha



Committee Members

1. NEMA
2. WSUP
3. Public Health
4. Governor Office
5. Ministry of the Environment
6. CBCC
7. NAIVAWASS
8. Sub-county administrator
9. Ministry of Planning
10. Ministry of Water
11. Ministry of Roads
12. Sanivation

Technical support from BORDA

Having Multiple stakeholders work together

Pre v Post CWISP- Naivasha Water and Sanitation

	Pre	Post
Intervention plans	None	Detailed by priority



**SANITATION, EXCRETA,
AND WASTEWATER
MANAGEMENT**

Short-Term Interventions:

- Increase Wastewater and Fecal Sludge Treatment Capacity - establish a new plant in Mai Mahiu and expand treatment capacity of the existing WWTP in Naivasha Town
- Promote and support septic tank construction
- Sanitation Marketing

Medium to Long-Term Interventions:

- Establish scheduled universal FSM

Pre v Post CWISP- Naivasha Water and Sanitation

	Pre	Post
Interest in FSM	Low	High
Sanitation tariff	Unaware	Working on WASREB submission
Private sector partnerships	None	DBO agreements for city-wide FSTP
Intervention plans	None	Detailed by neighborhood



City-wide Inclusive Sanitation Kenya, Malindi

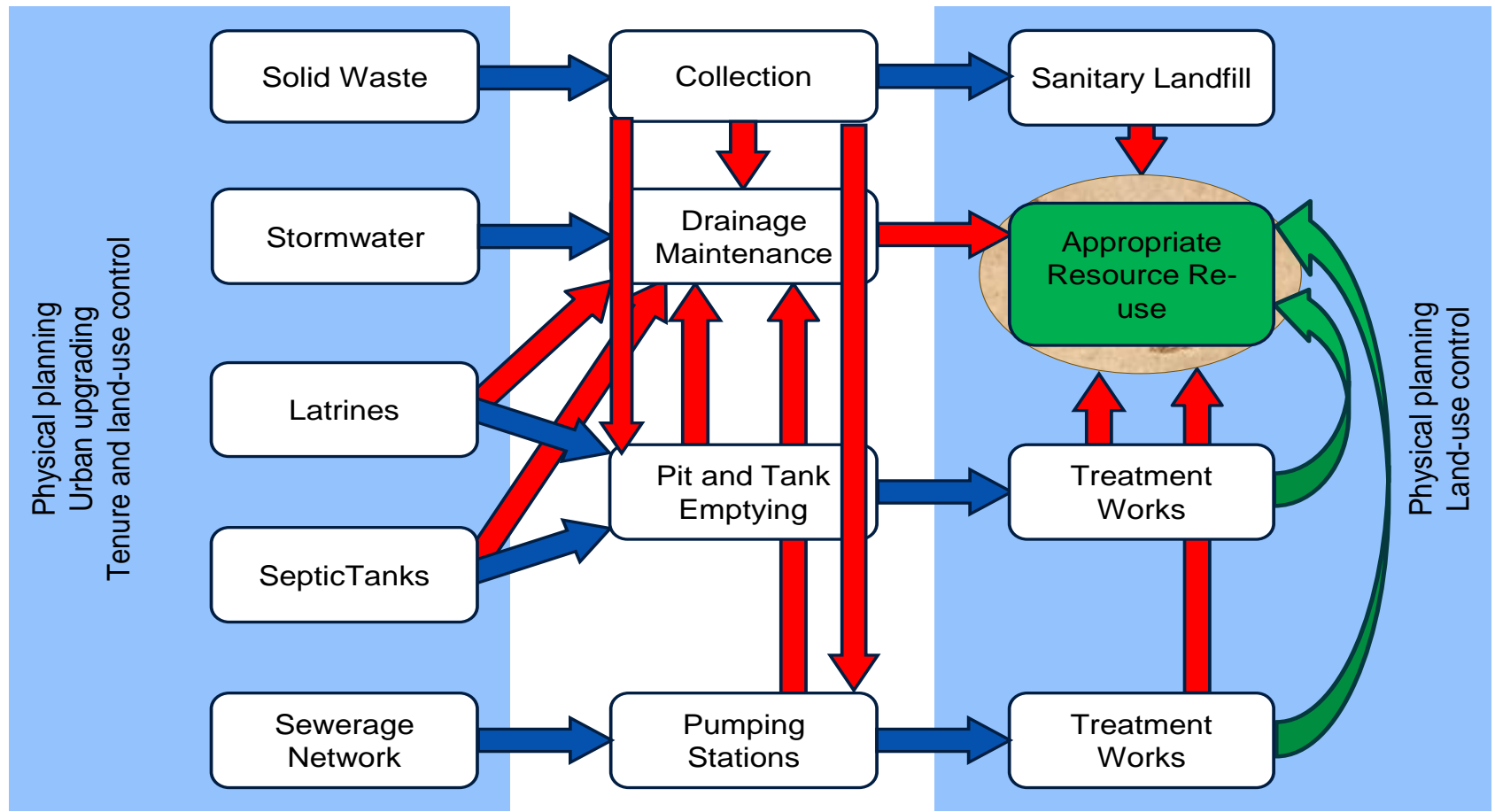


Current FSM and MSW disposal site in 300,000 population Subcounty - Malindi

Stakeholders Engaged

- CECMs for Water
- Environment and Natural Resources, Health, Lands and Planning
- Town Manager
- Department of Water
- Department of Public Health
- Department of Lands and Planning
- Department of Environment
- Department of Roads
- Department of Trade and Tourism
- Sub County administrator NEMA
- Malindi and Watamu Environment CBO
- Private Partners (WSUP and Sanivation)
- Water Service Provider (MAWASCO)

Integrated planning – combining FSM with MSW planning in Malindi



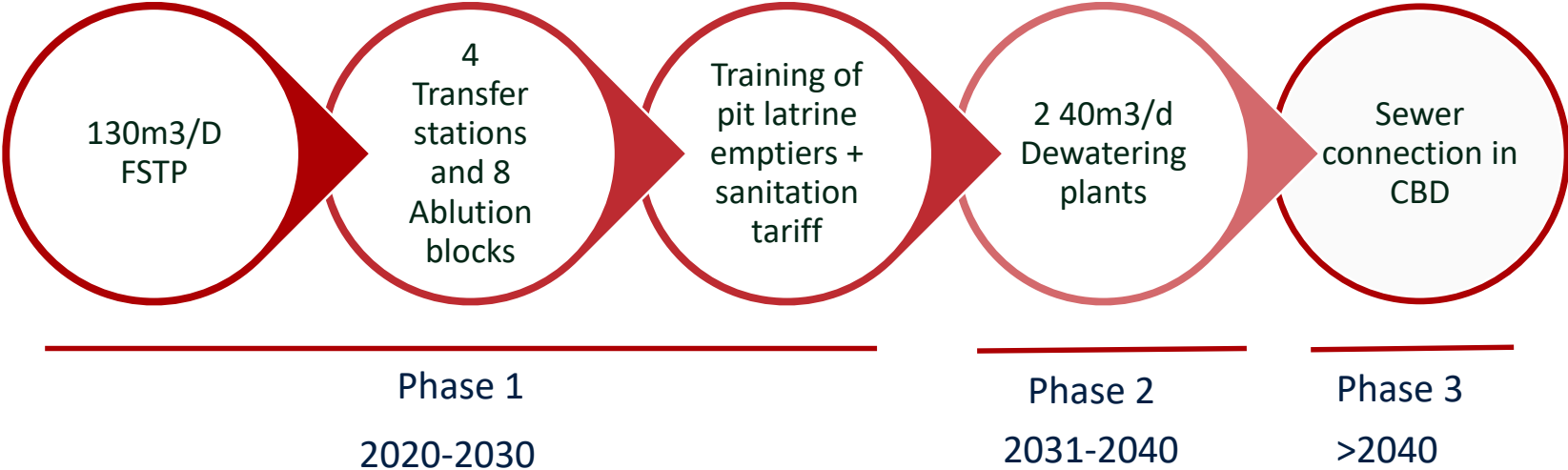
Pre v post CWISP – Malindi Water & Sanitation

	Pre	Post
Interest in FSM	Low	High
Sanitation tariff	Unaware	Wanting to implement
Private sector partnerships	None	Delegated service models across value-chain
People served by FSM plans	<20,000	>150,000

Creating FSM champions

Pre v post CWISP – Malindi Water & Sanitation

	Pre	Post
Interest in FSM	Low	High + prioritizing resource recovery



THANK YOU