



PPPs in Urban Sanitation

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Sanitation crisis in Kenya

8 million

Residents of
Kenya's **urban**
slums

2 million

Tons of waste
per year

**\$270
million**

Lost in
Economic
Productivity

17,000

Child deaths
each year

Environmental, Health & Economic impact

3 big challenges that governments face in delivering safe sanitation to residents of urban slums

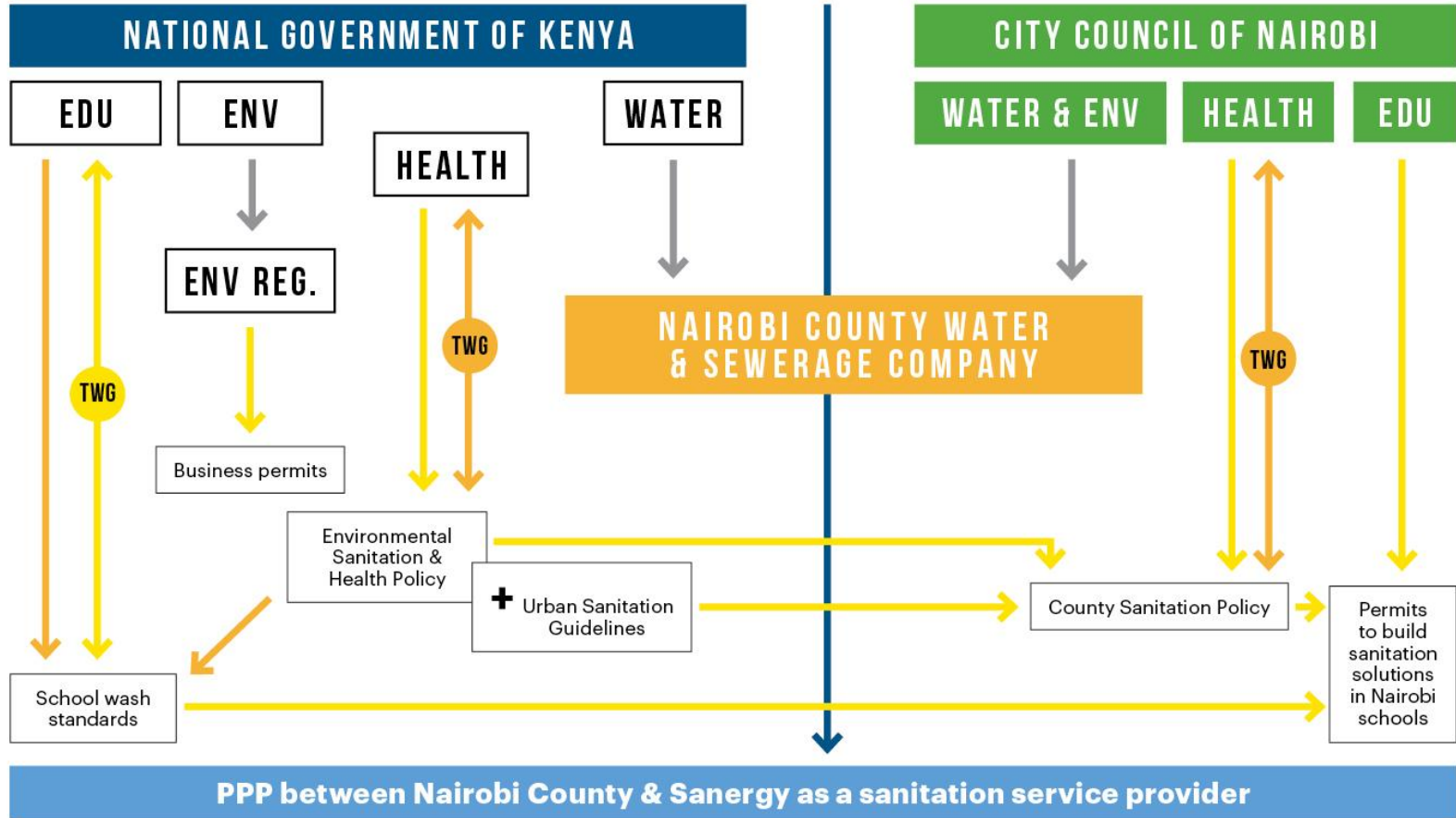


Complex
regulatory
structure

Financial
burden

Not designed for
experimentation

Complex regulatory structure



Financial burden

\$56

per person/year for sewers

\$3

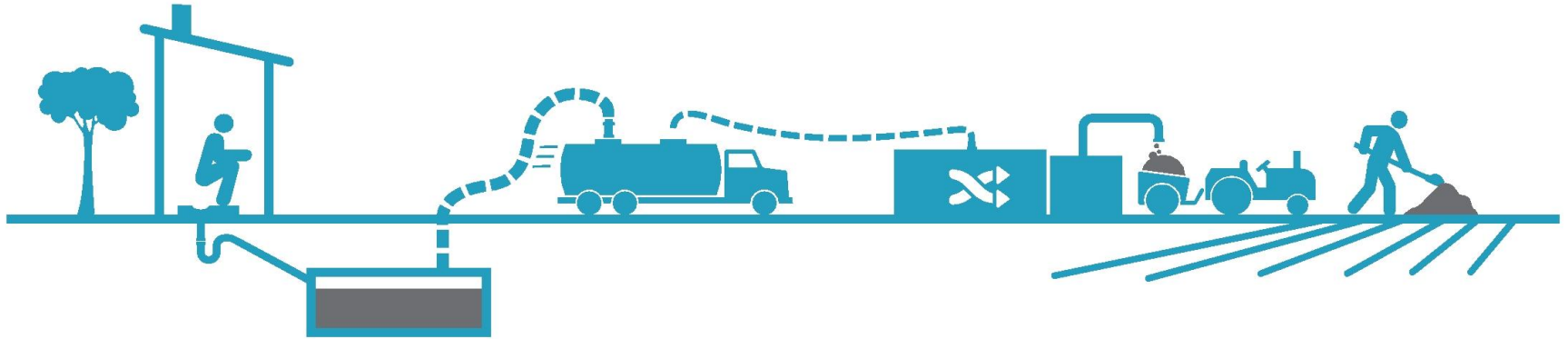
per person/year:
KE's 2016
sanitation
spending

\$12

per person/year: KE's
projected 2030
sanitation spending

Not designed for experimentation

Sanitation Value Chain



CONTAINMENT

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EMPTYING

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TRANSPORT

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TREATMENT

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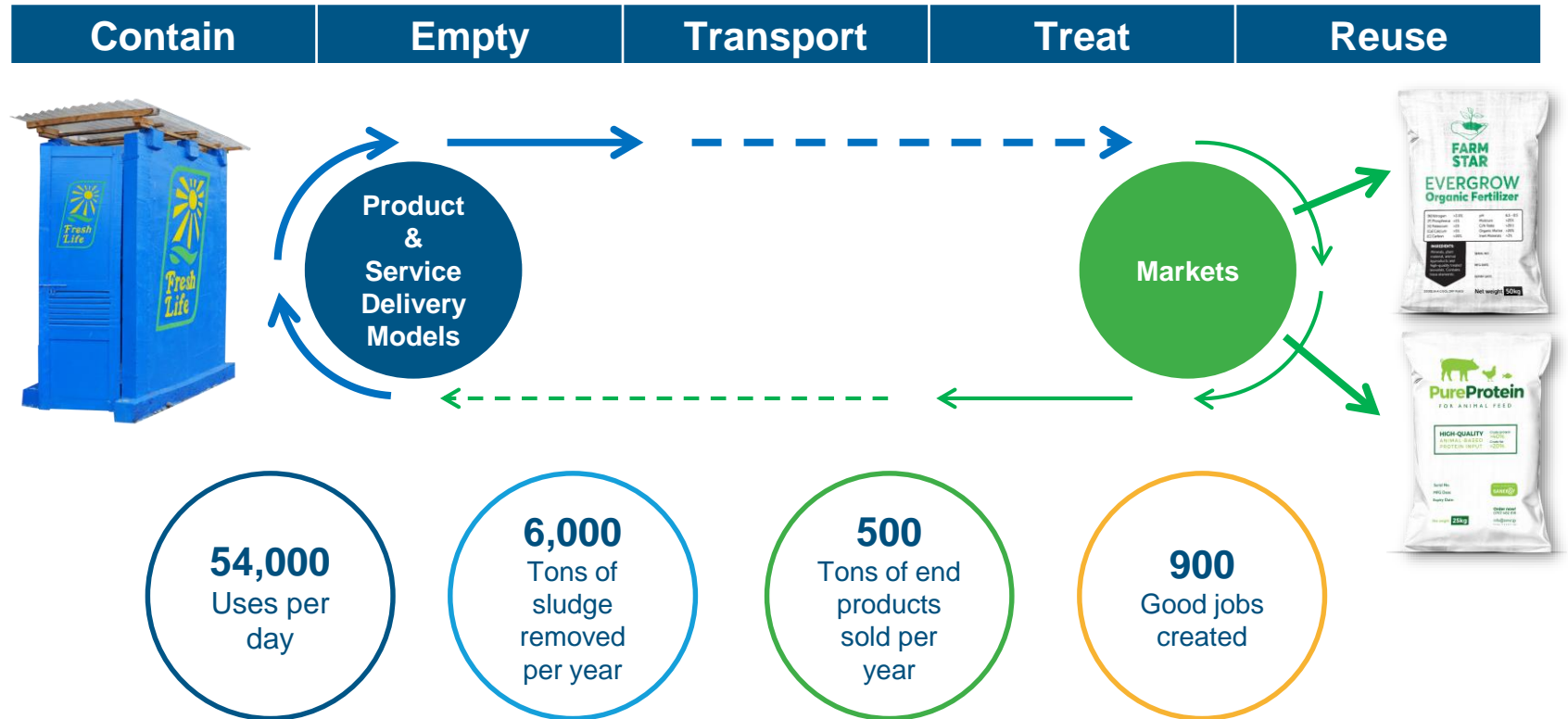
REUSE/DISPOSAL



Gaps along sanitation value chain require innovative solutions

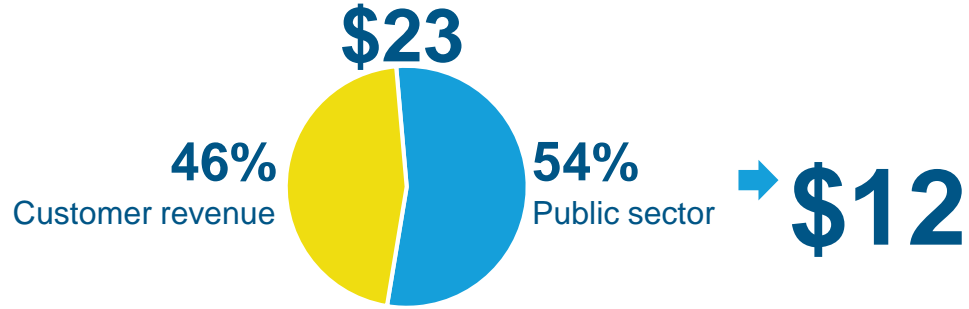
The Sanergy model

A safe, sustainable sanitation solution

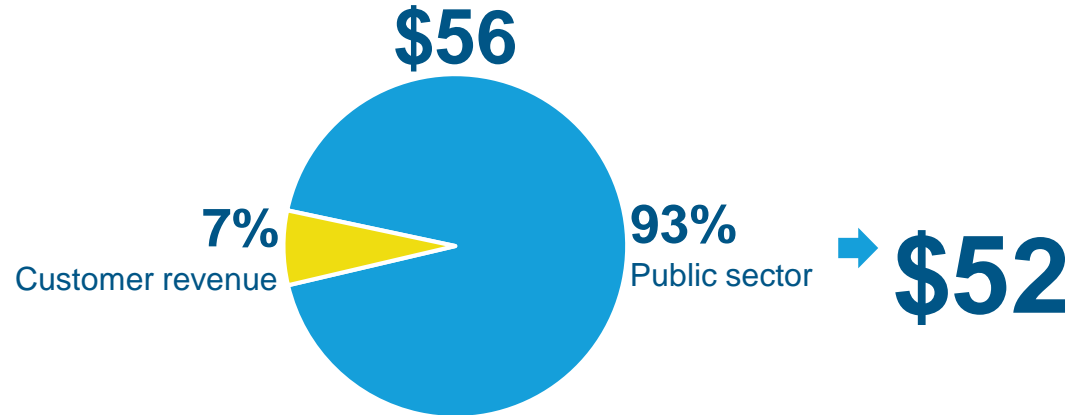


Costs less

Sanergy Model



Sewers



Test cost-effectiveness of Sanergy model

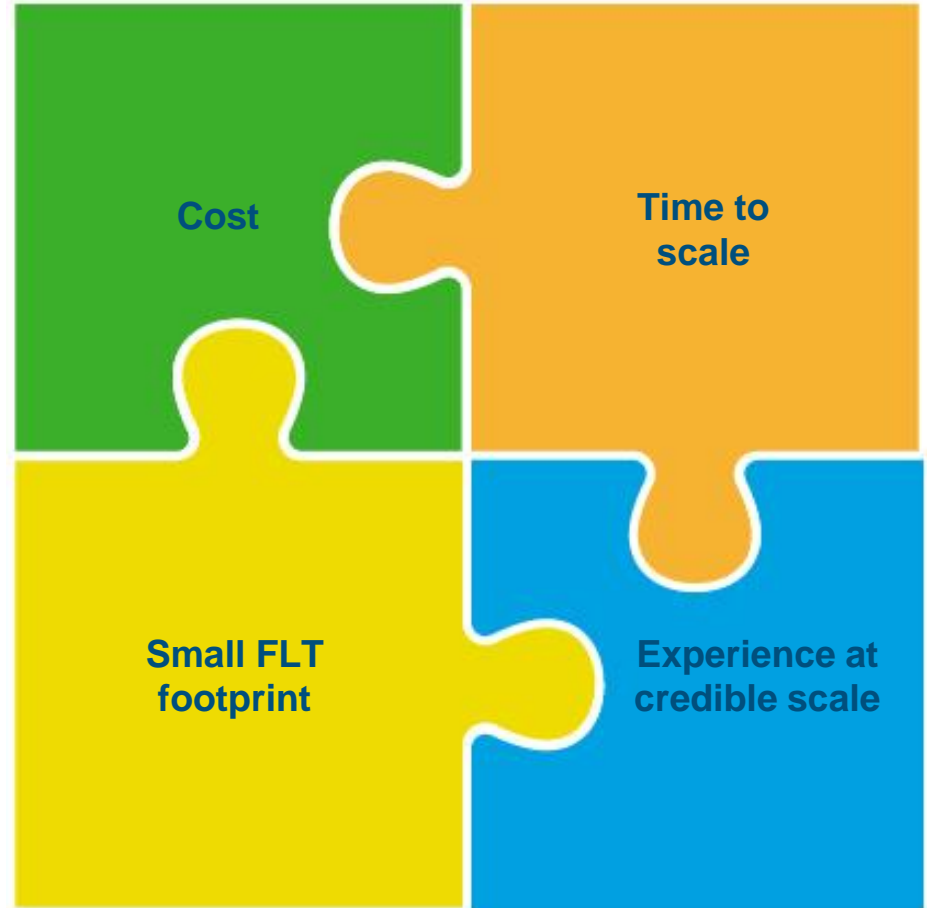
Successful partnership with
Ministry of Education

Upcoming pilot with Nairobi
County Water & Sewerage Co.



Verify cost-effectiveness of Sanergy model

Case study with World Bank
to demonstrate our efficiency



Engage policymakers & utilities to champion sensible WASH policies

- Technical Working Groups
- Kenya Environmental, Sanitation & Hygiene Policy
- New School WASH Standards



THE BIG Goal

Together, engage key global stakeholders, such as multilateral agencies, to secure first-scale funders

Possible structures

- Pay-for-performance contract
- Development Impact Bond
- Tariff-system for city to raise revenues on sanitation and then contract out areas



Ministry of Foreign Affairs of the
Netherlands

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SANERGY
Building healthy,
prosperous communities