



Safe Sanitation Services for Urban Non-Sewered Areas

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Fast-growing, non-sewered urban areas are extremely challenging for municipalities to serve



**Heavily
built-up**

**Difficult
topography**

- flood prone,
high water table,
loose soil

**Fragment-
ed value
chains**

Full value chain to serve cities' non-sewered areas

Build



Franchise



Collect and treat



Convert and distribute

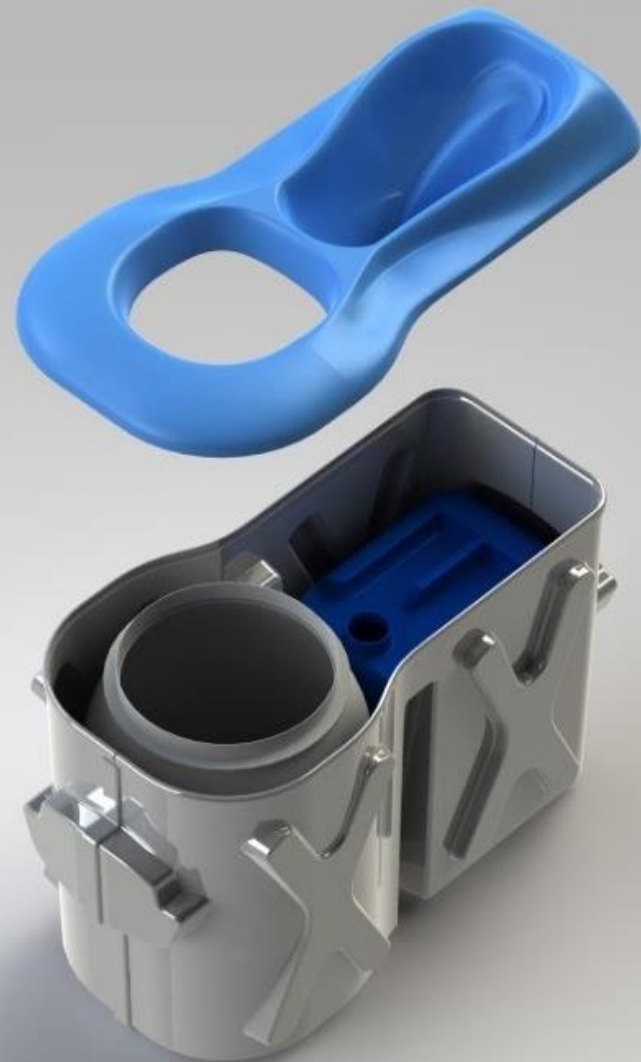




Fresh Life Toilet for residential compounds

Designed to serve
10 families

- Waterless
- Durable
- Compact



Build



Upgrading of existing unimproved pit latrines



Build



In-home toilets for 1 family

- Private
- Easy to clean
- Fits in a room



Franchise



Landlords invest via a subscription model. Franchise contract offers quality control.



Collect
and treat



**Safe, regular
waste
collection by
trained,
properly-
equipped team**



Collect
and treat



Pit emptying services

Formalization of informal manual pit-emptiers



Collect
and treat



**Treatment
plant with
capacity to
process
waste from
500,000
people
(Machakos)**



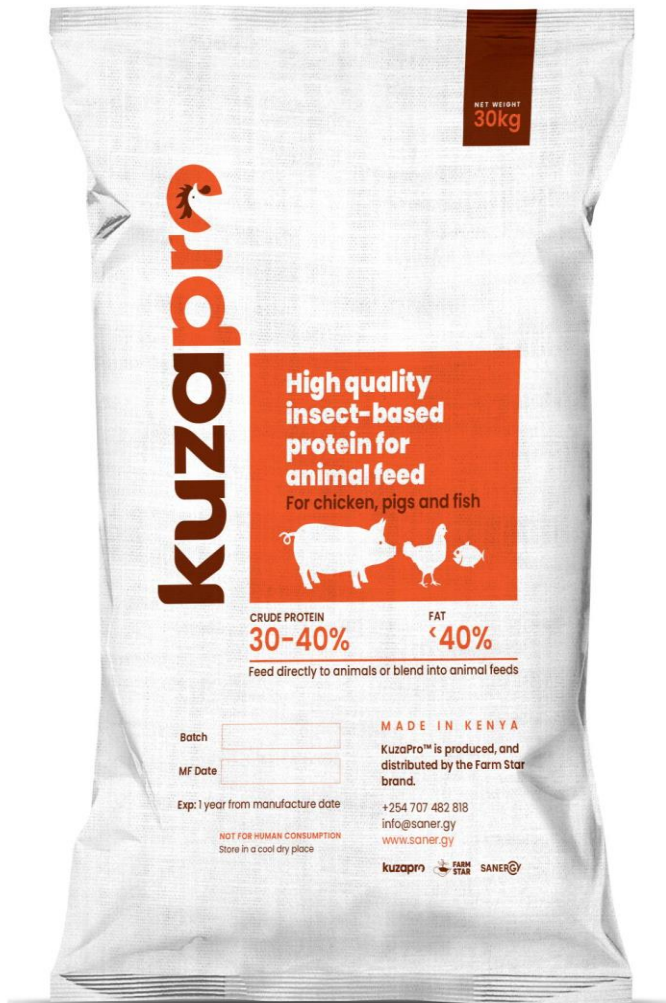
Upcycling of waste into agricultural inputs: organic fertilizer and insect-based proteins for animal feeds.



Convert and
distribute



Safe, quality
ag inputs
increasing
yields by
30% for 1000
farmers



We deliver these services at a price point 3x cheaper than the cost of sewers to 100,000 people in 11 slums in Nairobi.

**2500
Fresh
Life
Facilities**

**98%
Renewal
payments**

**6000 T
Waste
Collected
& Treated**



We are spurring the city's economic and social prosperity



Our Ask

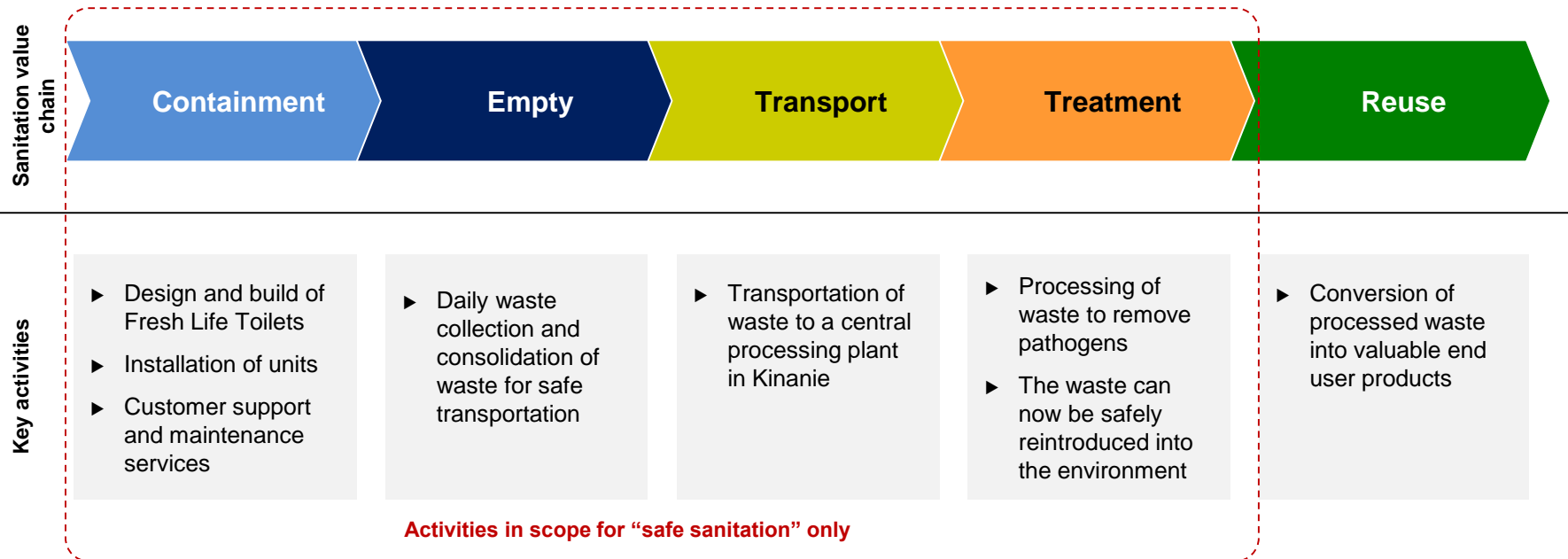
1. **Municipalities / Utilities:** partner with us via a performance-based contract to serve your non-sewered areas
2. **Investors:** join us as we put together an impact bond to saturate Nairobi to serve 500,000 people by 2022





Thanks! david@saner.gy

The full sanitation value chain extends beyond treatment, demonstrating markets for waste-derived end products



The Fresh Life Toilet

- Affordable
- Small footprint
- Easy to clean
- Durable
- Attractive

