



Encouraging Participatory Financing for Scaling Urban Sanitation Solutions in Growing Cities Making Sanitation More Cost-Effective

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Growing cities struggle to provide sanitation

Ultimately, this is a funding problem

- 1 billion people live in urban slums – this number will double by 2030
- Cities currently pay exorbitant amounts to build and maintain sewer systems that rarely work
- Most cities don't have the budget to ensure sewers work



How can cities meet SDG 6?

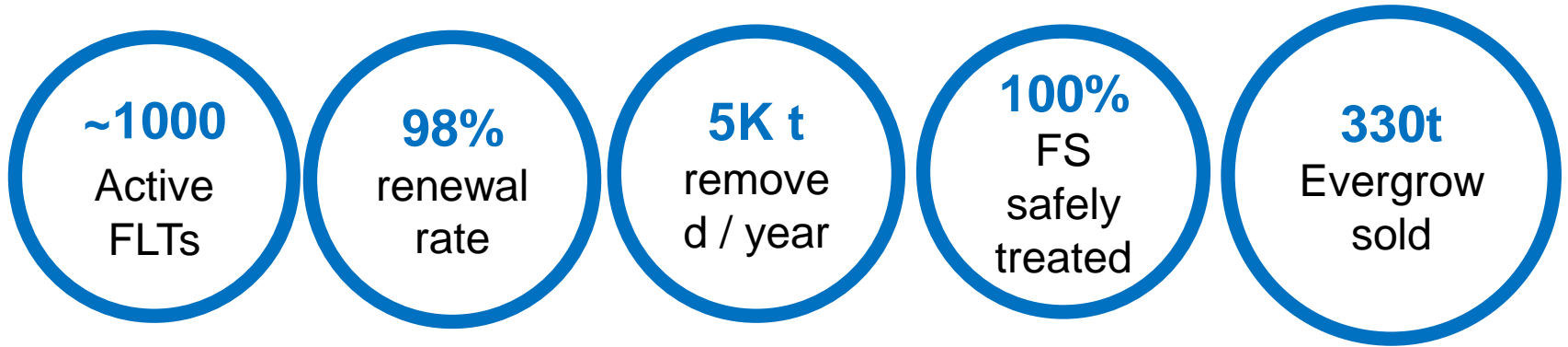
To achieve universal access to adequate and equitable sanitation by 2030

Developing cities need an integrated waste management solution that does three things in an effective and cost-efficient way:

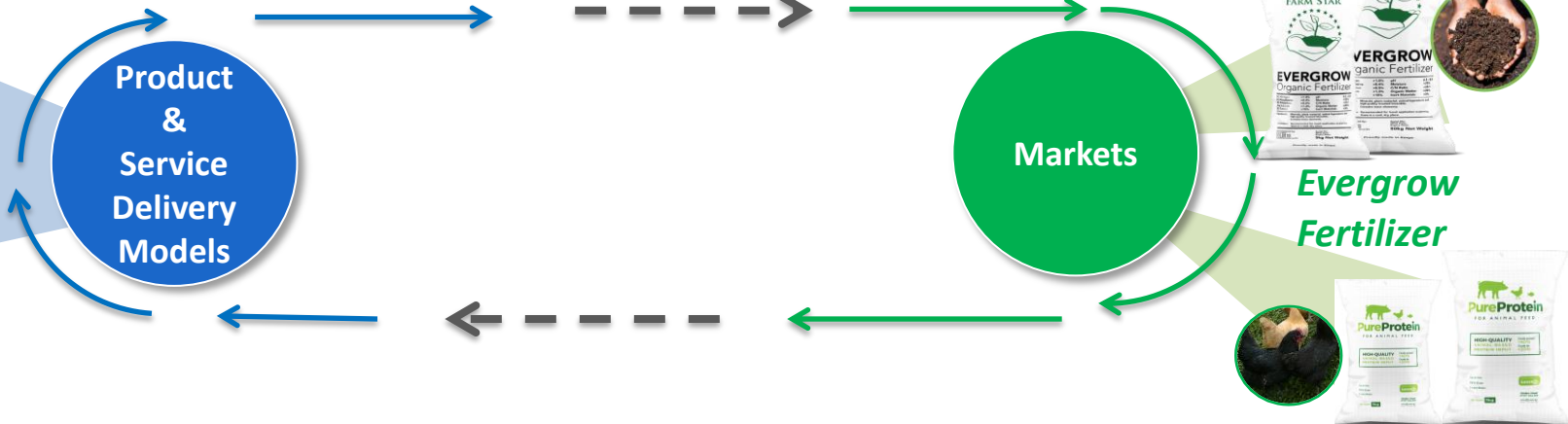
1. Safely capture, treat, and convert waste into usable end-products
2. Sustain communities' investment in waste management solutions
3. Develop waste-derived end-products that meet market demands



The Sanergy Model



The Fresh Life Toilet

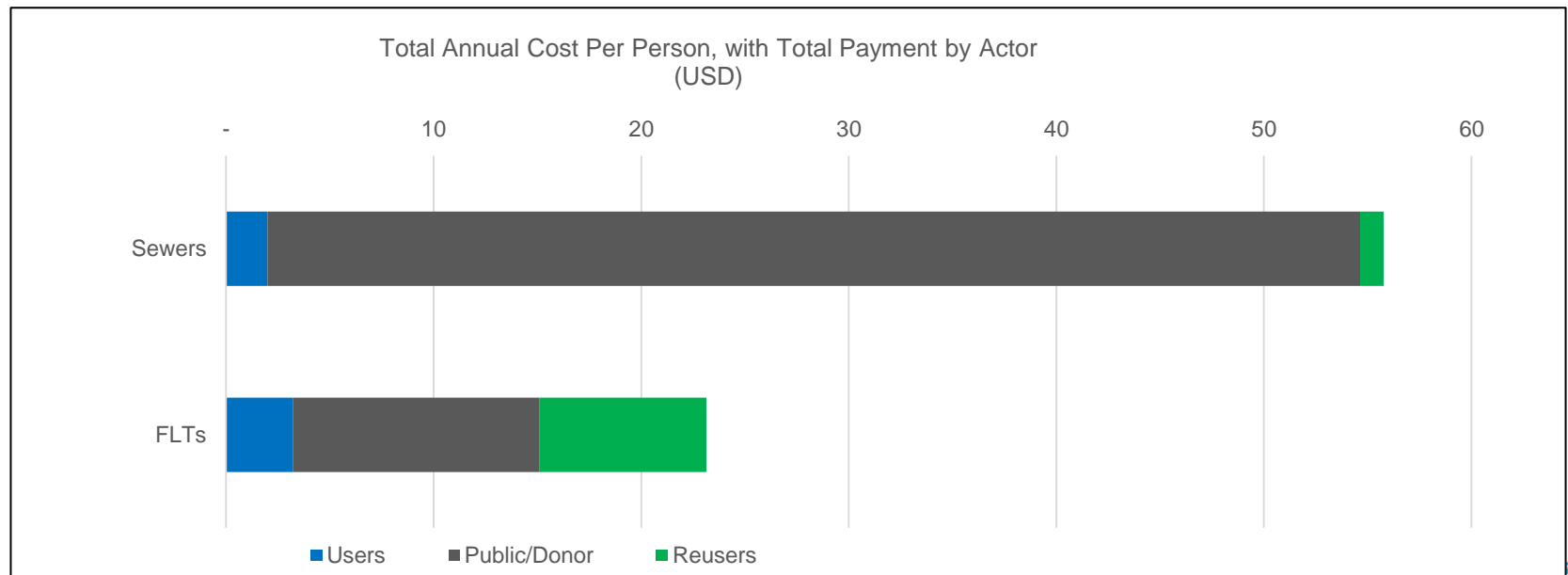


Innovations in Sanitation Financing

To develop a scalable model for urban sanitation provision

Sanergy is pioneering two financing innovations:

1. Reducing the overall cost of sanitation provision
2. Introducing new payers by developing end-products people want to buy.



1. Reducing the cost of sanitation provision

Developing an effective, cost-efficient sanitation system

- Lean system that captures as much waste as possible
- System ensures the safe and total containment, collection, and treatment of waste



Future Plans

Developing a suite of sanitation solutions for urban slums

- Piloting alternative ways to capture and collect waste in slums, as well as growing our existing network
- We will be able to offer government partners a range of cost-effective options

Fresh Fit



Pit Conversion
to FLT



Pit Servicing



2. Developing end-products to meet market demand

A customer-centric approach introduces new payers for sanitation

- Sanergy develops and sells waste-derived agricultural inputs that meet existing needs
- The customers for these end-products help offset the cost of sanitation provision, reducing what municipalities need to pay.



Promoting an enabling environment

Change sanitation policy for scale

- Empower policymakers to champion sensible sanitation and hygiene policies
- Demonstrate that Sanergy PPPs are more time- and cost-efficient than alternative sanitation solutions, showing that it makes sense for governments to adopt our model



A Solution for Growing Cities

Sanergy offers a cost-effective alternative to sewers

3-5 solutions
that cost the
public sector
less than \$10
per person per
year

**Enhance
participatory
financing**
by developing
products that
meet the
demands of
urban slum
residents

Set the stage
for replication
through the
Kenyan public
sector in 2020





Thanks!

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