

A close-up photograph of a person's hands being washed under a shower head. The hands are cupped together, and water is spraying over them from the shower head, which is partially visible on the right side of the frame. The background is a solid brown color. The shower head has a blue and white geometric pattern.

SaniTracker Digital System

An Overview



welcome to
smart sanitation

the system

what it does

how it can benefit you



A digital innovation

by



Developed & powered by

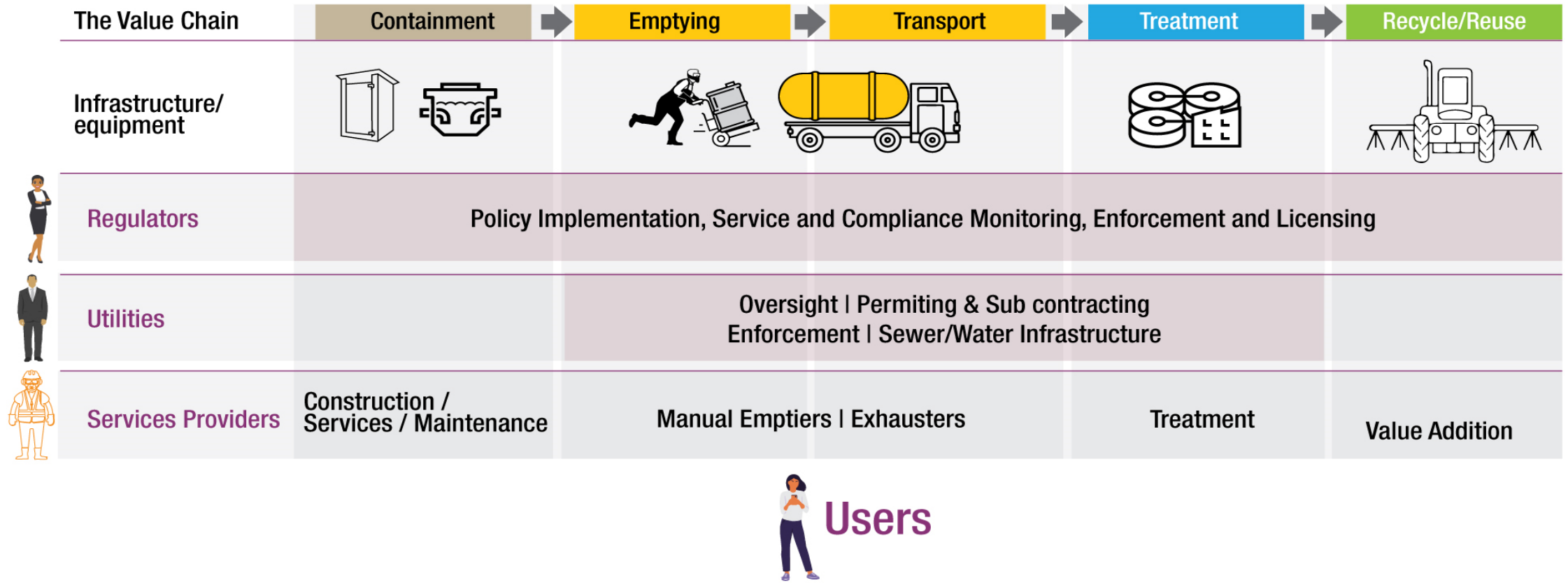


Cooperating to promote
effective development of
WSS Regulation



01 | understanding the sanitation sector

How sanitation works



Regulators

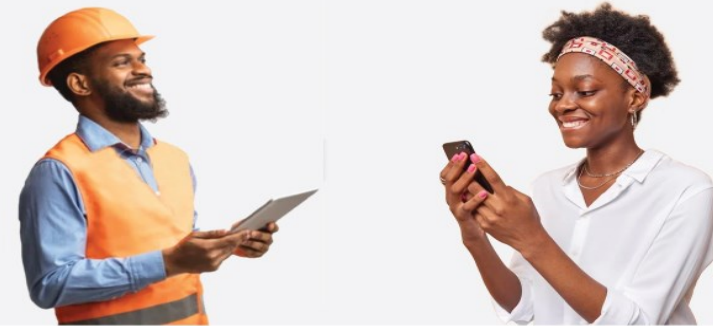
need **accurate data** to guide required sector interventions

**Utilities**

need **accurate data** for service planning and investment

**Service Providers****&****Users**

Users and service providers use **traditional methods to request/provide services** causing inefficiencies in service delivery



what is sanitracker?

Sanitracker is a system

A Mobile Application



The mobile application is a platform where users can request for and services providers offer their services

A Web Application



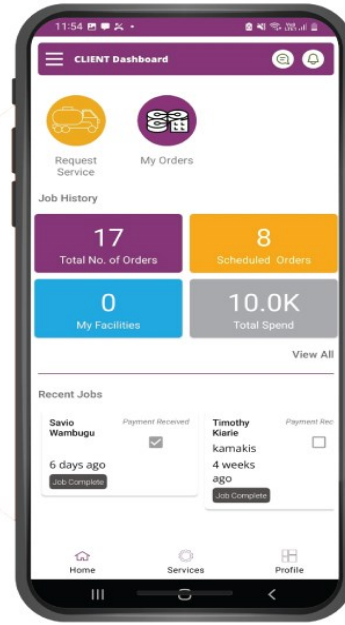
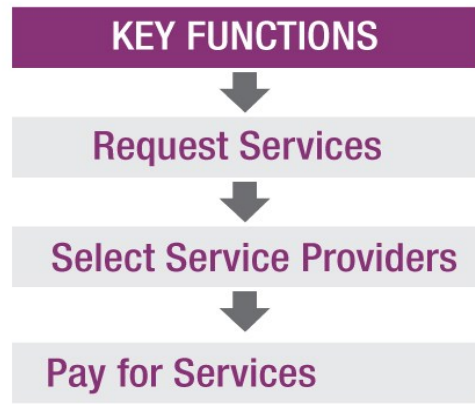
The web application provides tools for regulators and utilities to manage and oversee the sanitation sector

A Server



Data from operations of the regulators, utilities, service providers and users is stored in a secure web server

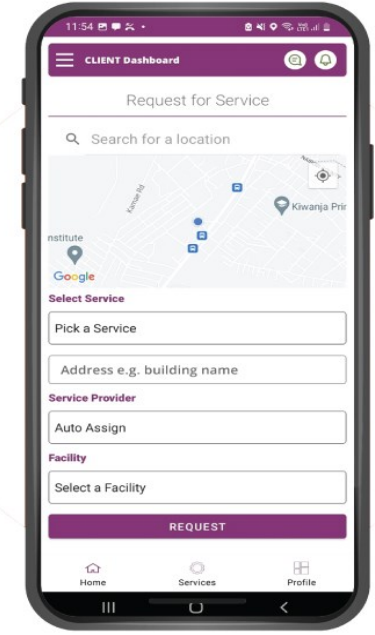
how sanitracker works for users



Main functions:
Request services,
review order services

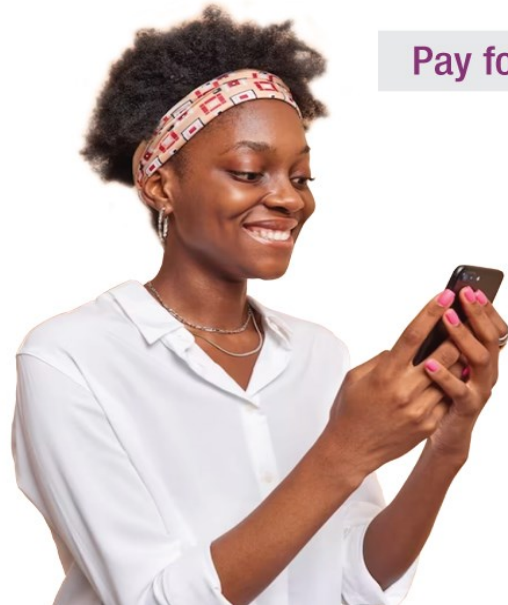
Summary of ongoing/
completed orders
& total expenditure

Itemized history
of jobs & service
providers

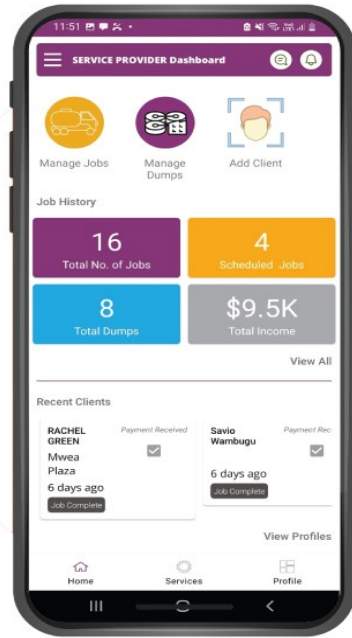
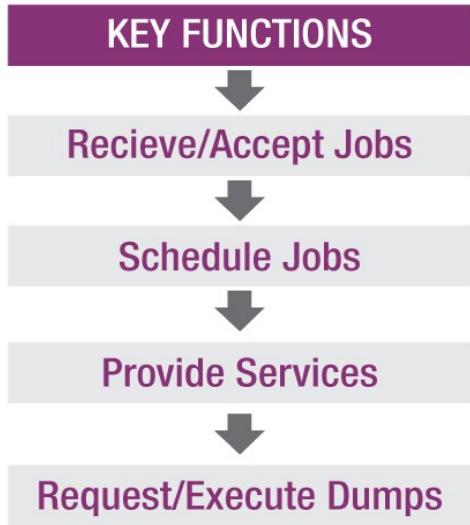
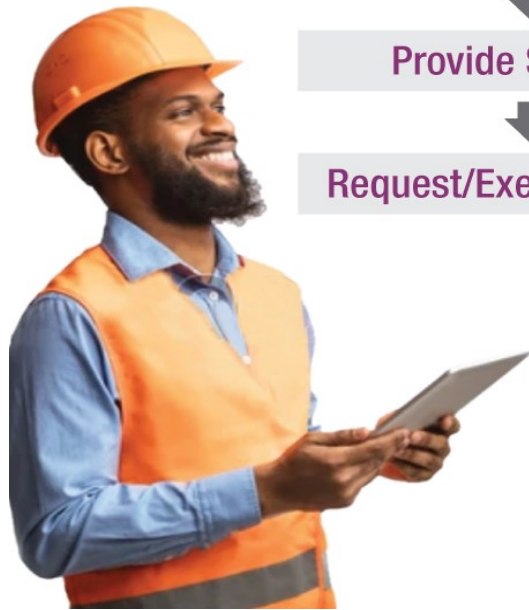


Application selects service
providers closest to the user greatly
reducing turnaround time

Users select service providers from
accredited & licensed sanitation
professionals



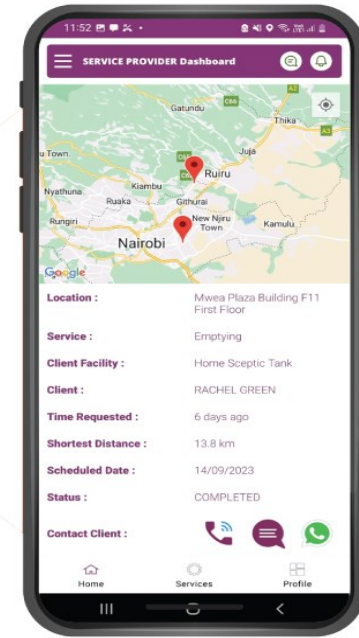
05 | how sanitracker works for service providers



*Main functions:
Manage jobs,
dumps & clients*

*Summary of
upcoming /completed
jobs, total income*

*Itemized summary
of clients served &
completed jobs*

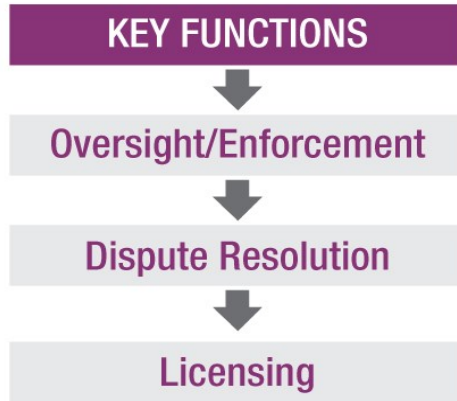


Licensed & accredited service access large market of users

On-demand services model greatly reduces transport times & costs

06

how sanitracker works for utilities



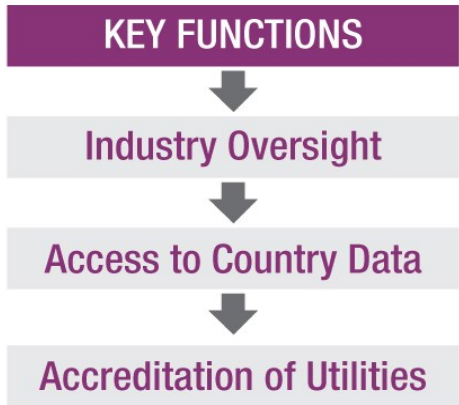
Summarized data of country sanitation operations

Real time updates of sanitation jobs types & details



Utilities monitor service providers and waste water treatment plants in real time (particularly for non-sewered operations)

07 | how sanitracker works for regulators



Summarized data of country sanitation operations

Real time updates of sanitation jobs types & details



Regulators get a real time overview of operations of actors in the sanitation sector (utilities, service providers, and users) in their respective countries

for users, service providers

work better

- Eliminates market inefficiencies in sourcing & delivery of sanitation services



for users, service providers, utilities

manage better

- A convenient task management tool for service providers and users
- An effective tool for service delivery & industry oversight for utilities



for utilities, regulators

plan better

- Oversight & monitoring using real time data from industry operations
- Accurate data (esp. for non-sewered sanitation) for effective policy, planning & investment



09 | sanitracker & the big picture [1]

UN Sustainable Development Goals - 2030



A system that scales & accelerates market-based solutions for Universal Access to Safely Managed Sanitation



Efficiency & optimization of the sanitation sector provides sustainable pathways for improved sanitation in growing communities



A solution that enhances investment, innovation and entrepreneurial solutions for access to sanitation



Data and actionable insights to enhance access to safely managed sanitation & reduce GHG emissions from wastewater (about 5%)

10 | sanitracker & the big picture [2]



Agenda 1
A Prosperous Africa, based on Inclusive Growth and Sustainable Development

AU - Agenda 2063

- *Less than 10% of Africa has access to connected sewer systems*
- *Non-sewered /on-site waste water systems have contributed greatly to reducing the sanitation gap on the continent*
- *By digitizing the sanitation sector sanitracker will:*
 - *Realize actionable insights for sanitation actors (regulators, utilities, entrepreneur and innovators) to accelerate & scale universal access to safely managed sanitation*
 - *Create opportunities for entrepreneurs, innovators & workers in the sanitation sector*



The more we know, the more we unlock **possibilities** for:

- **Knowledge** for effective planning, policy development and governance of the sanitation sector
- **Attracting investments** by generating bankable DPRs (detailed project reports) informed by real time data and actionable insights from Sanitracker
- **Opportunities** for innovators, engineers, scientists and entrepreneurs to create/improve solutions for sanitation
- **Save Money** by acquiring real time data from activities in the sanitation sector that would otherwise require expensive research and sampling exercises

“

Knowledge is of
no value unless
you put it into
practice

*Anton Chekhov
Russian Playwright*





SANITTRACKER

welcome to smart sanitation



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