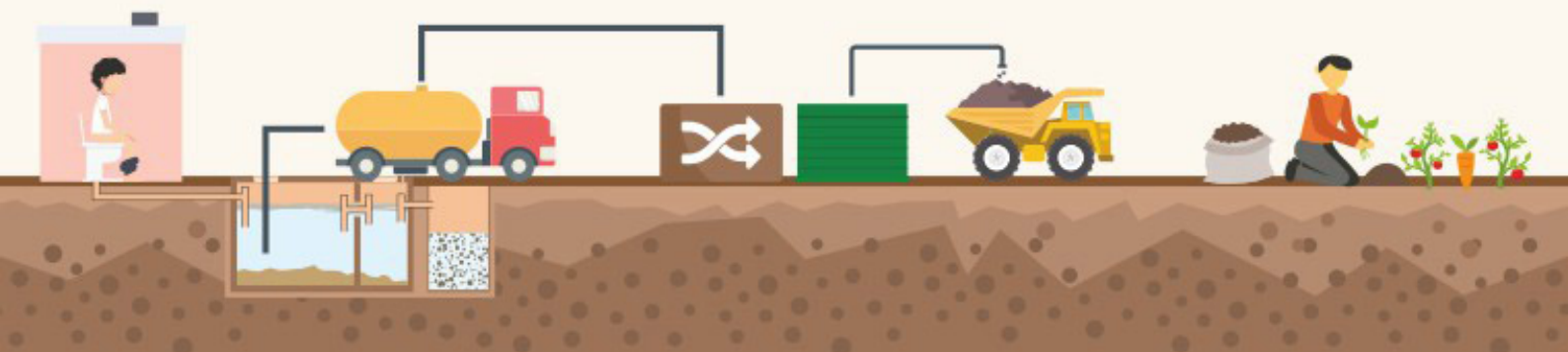


The FSM Index score indicates that the Overall FSM performance of the city is

**Poor**

Scale: Poor 0-33% | Developing 33-66% | Good 67-100%.

The FSM infrastructure of the city requires improvement with a focus on - containment systems, desludging and transportation services in the city. The enabler ecosystem assessment score indicates need for improvement in aspects of - defining service targets, public finance commitments, quality of FSM services, demand generation, programmes for sector development and overall quantity of FS safely managed across the value chain.



# City Assessment Report:

*02 May 19*

**Produced By:** , , , , , .

© Copyright

All FSM Toolbox materials are freely available following the open-source concept for capacity development and non-profit use, so long as proper acknowledgement of the source is made when used.  
Source: The FSM Toolbox.

**[www.fsmttoolbox.com](http://www.fsmttoolbox.com)**



# CONTENTS

<b>Overall Assessment Output</b>	4
Policy	5
<b>Enabler Ecosystem Assessment</b>	5
Planning	6
Budget	7
Expenditure	8
Equity	9
Output	10
Operation & Maintenance	11
Expansion	12
Service	13
<b>Infrastructure Assessment</b>	14
Containment	15
Access to toilet - other buildings	16
Emptying	17
Community toilet - ease of access	18
Public toilet seats - male / female (Required)	19
Types of oss	20
Accessibility of properties easily BY road (greater than 3m)	21
Accessibility of properties easily BY road (greater than 3m) map	22
Accessibility of containment systems easily FROM road	23
Accessibility of containment systems easily FROM road map	24
Accessibility TO containment systems	25
Accessibility TO containment systems map	26
Adequacy of desludging vehicles and operators in the city	27
Reaching out to Desludging Operators	28
Average response time for desludging service	29
Average desludging frequency	30
Average desludging frequency map	31

# Overall Assessment Output

## Enabler Ecosystem Assessment



- ▶ POOR
- ▶ DEVELOPING
- ▶ GOOD

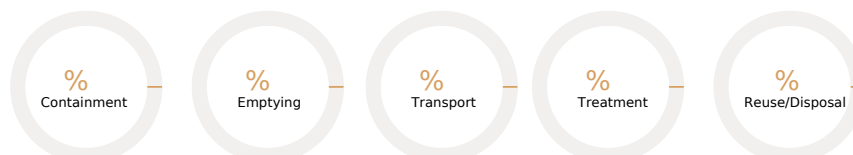


	ENABLING				
Policy	▶	▶	▶	▶	▶
Planning	▶	▶	▶	▶	▶
Budget	▶	▶	▶	▶	▶

	DEVELOPING				
Expenditure	▶	▶	▶	▶	▶
Equity	▶	▶	▶	▶	▶
Output	▶	▶	▶	▶	▶

	SUSTAINING				
Operation & Maintenance	▶	▶	▶	▶	▶
Expansion	▶	▶	▶	▶	▶
Service	▶	▶	▶	▶	▶

## Infrastructure Assessment



# Enabler Ecosystem Assessment

/100

—● %  
Enabler  
Ecosystem  
Assessme  
Score

City Typology



ENABLING



DEVELOPING



SUSTAINING

- POOR
- DEVELOPING
- GOOD



ENABLING

Policy



- (|||||)

-  POOR
-  DEVELOPING
-  GOOD



----- ENABLING -----

**Planning**



- (|||||)

-  POOR
-  DEVELOPING
-  GOOD

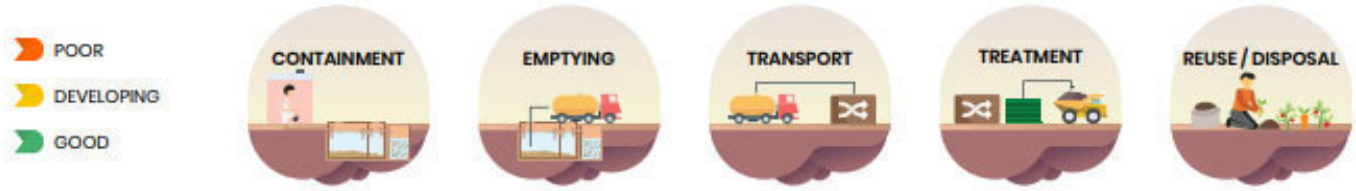


----- ENABLING -----

**Budget**



- (||||)



DEVELOPING

**Expenditure**



- (||||)



-  POOR
-  DEVELOPING
-  GOOD

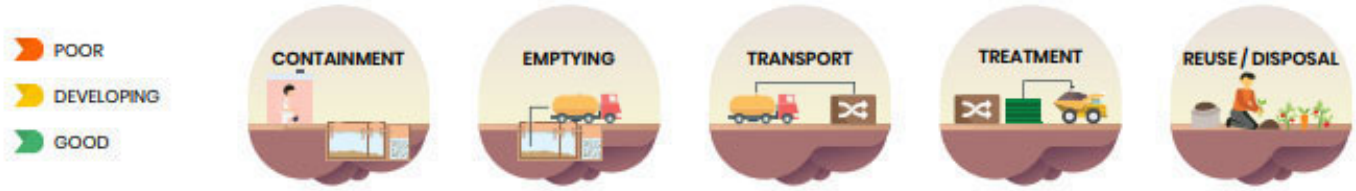


----- DEVELOPING -----

**Equity**



- (|||||)



- (|||||)

-  POOR
-  DEVELOPING
-  GOOD



----- SUSTAINING -----

**Operation & Maintenance**



- (|||||)

-  POOR
-  DEVELOPING
-  GOOD



----- SUSTAINING -----

**Expansion**



- (|||||)



----- SUSTAINING -----

**Service**



- (|||||)

Over 75% of FS generated in the city is safely managed at the containment stage. The city should encourage households to improve the overall quality of containment systems in the city to meet environmental safety standards.	Over 75% of FS generated in the city is safely managed at the emptying stage. The city should enforce the desludging operators to adhere to global safety standards and educate them about personal health and hygiene.	Over 75% of FS generated in the city is safely managed at the conveyance stage. The city should enforce the desludging operators to strictly adhere to conveyance and disposal standards.	Over 75% of FS generated in the city is safely managed at the treatment stage. The city should ensure adherence of safe treatment standards in all treatment units installed in and around the city.	Over 75% of FS generated in the city is safely managed at the re-use/disposal stage. The city should educate/ensure safe disposal/re-use of treated by-products produced from the treatment plants operating in and around the city.
Just over 50% of FS generated in the city is safely managed at the containment stage.	Over 75% of FS generated in the city is	Just over 50% of FS generated in the city is safely managed at the emptying stage.	Over 75% of FS generated in the city is	Just over 50% of FS generated in the city is safely managed at the conveyance stage.

- It is great to note that hygienic FSM systems and services are affordable and readily available in low-income communities
- Hygienic FSM systems and services are available on a partial / piecemeal basis in low-income communities (or in some)
- Hygienic FSM systems and services are not available to any significant extent in low-income communities.

# Infrastructure Assessment

530,000 Households  
 30,140 Commercial  
 7,230 Institutional  
 784 Industrial  
 1,200 Community Toilets  
 145 Public Toilets

% — /100  
 Infrastructure Assessment score

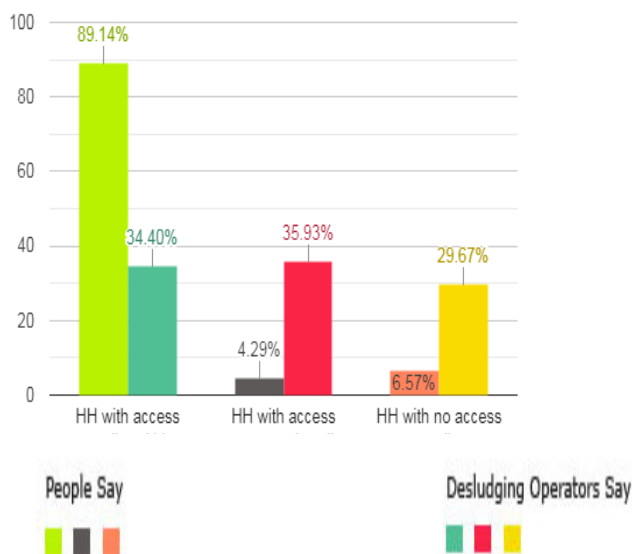
### Sample Size:

The FSM Pro assessment was conducted in CityName with a city level/ward level/zone/division level sampled population. The sample was calculated with a confidence level of 95%. The table shown below is the sample size that was covered for arriving at the assessment report.



## Access to Toilets

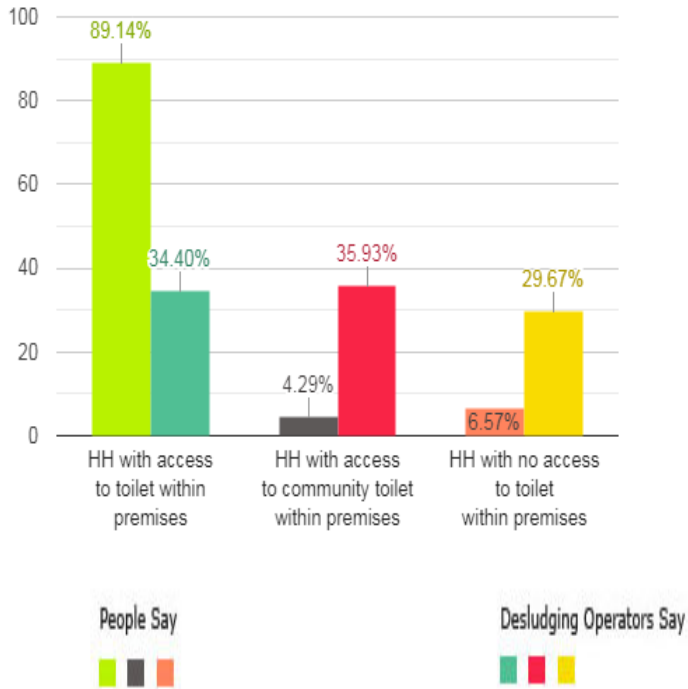
### Households



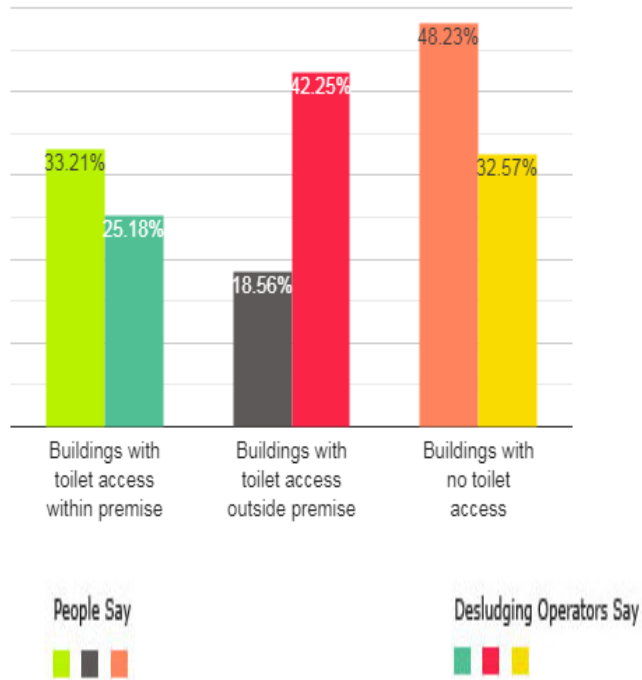
Access to toilet by households  
 Of the X1 households in the city, about 63% of households have access to household toilet facilities and about 54% of households have access to community toilets in their neighbourhood. The remaining 13% of households do not have access to any kind of toilet facility in the city. It is important for city governments to take initiative to improve the coverage of toilets across the city.

## Households

Access to toilet by CII buildings in the city. The commercial establishments, institutions and industrial properties are together classified as CII buildings. There are a total of 113 properties in this category in the city of Samneua. It is great to learn that 100% of buildings have access to toilet facility within their premises.



## Access to toilet - other buildings





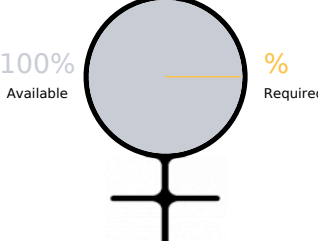
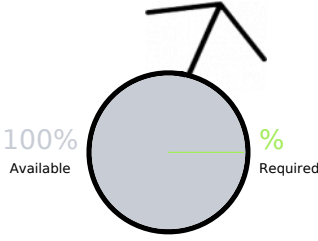
# Community toilet seats - male / female (Required)



## Community toilet - ease of access

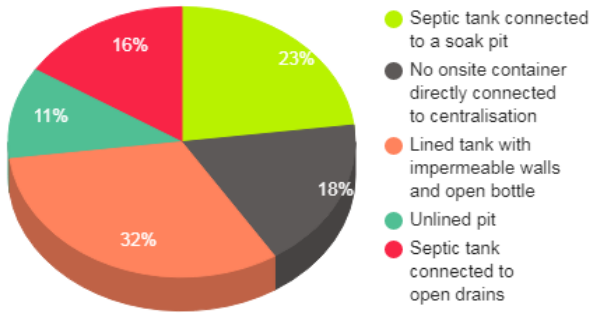


# Public toilet seats - male / female (Required)

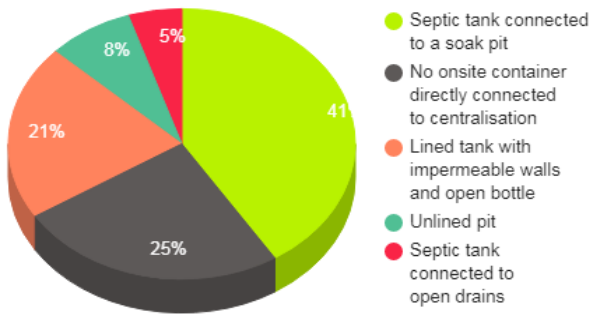


# Types of oss

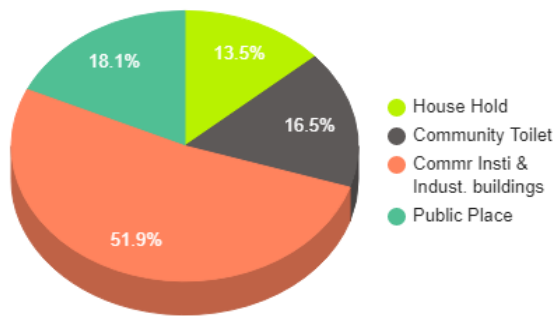
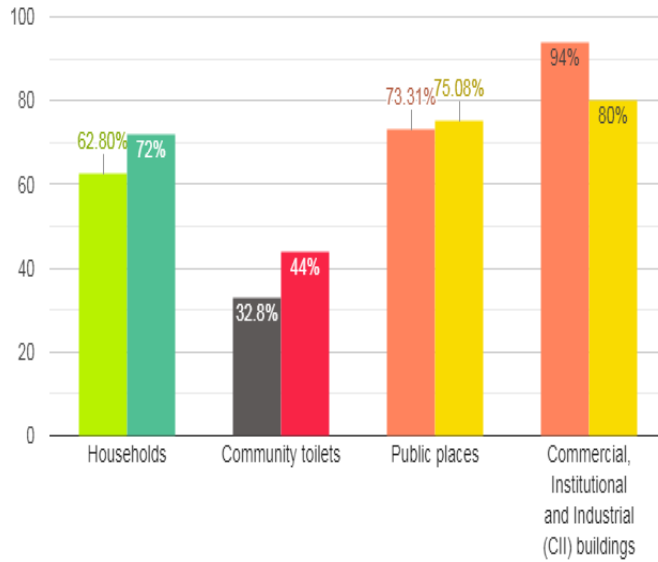
People say



Desludging operators say



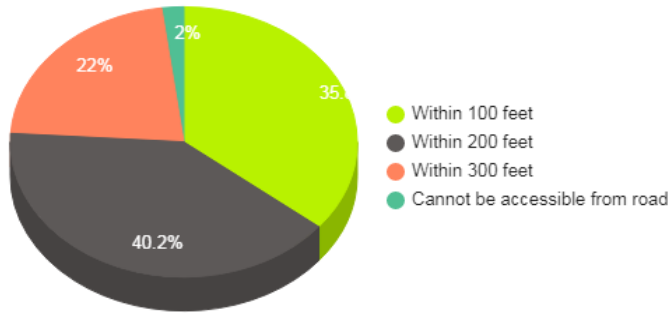
## Accessibility of properties easily BY road (greater than 3m)



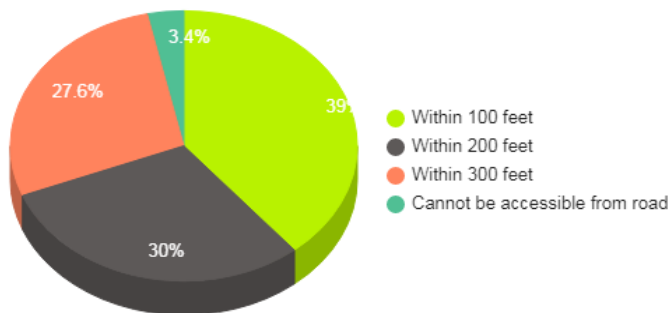
# Map

# Accessibility of containment systems easily FROM road

People say



Desludging operators say

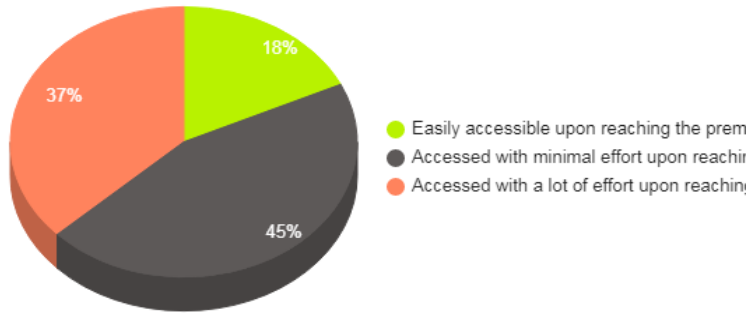


# Map

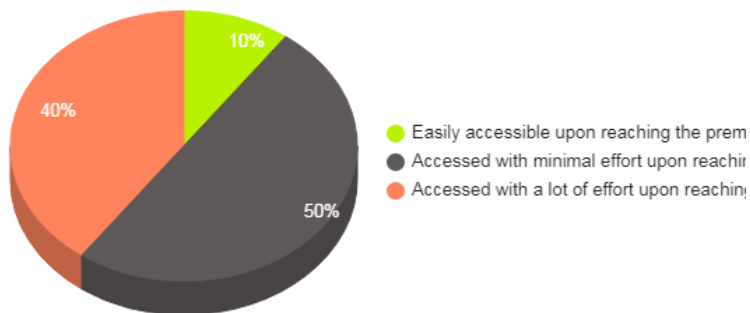


# Accessibility TO containment systems

People say

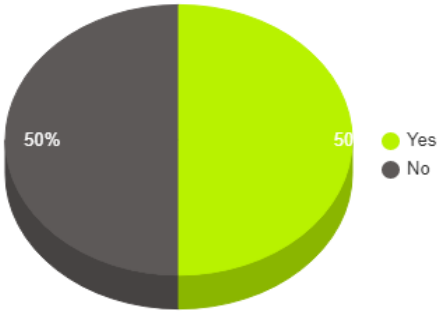


Desludging operators say



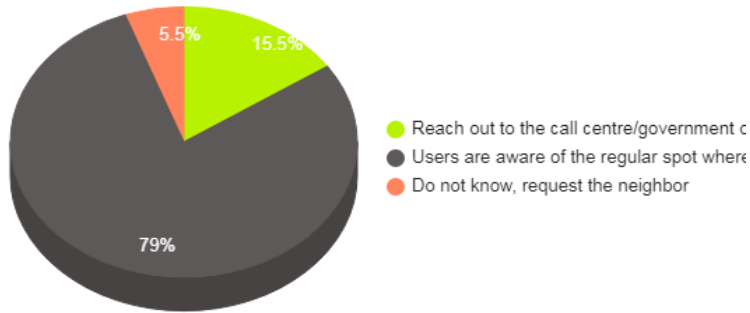
# Map

# Adequacy of desludging vehicles and operators in the city

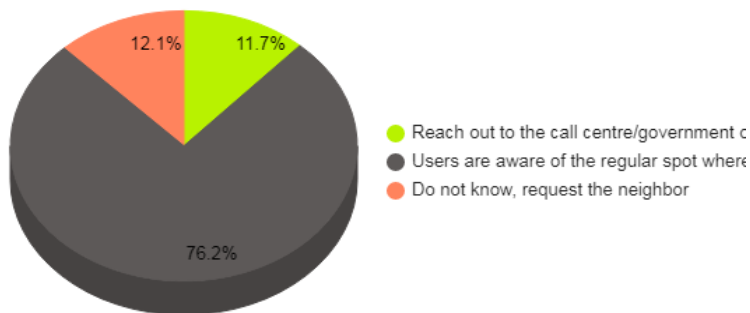


# Reaching out to Desludging Operators

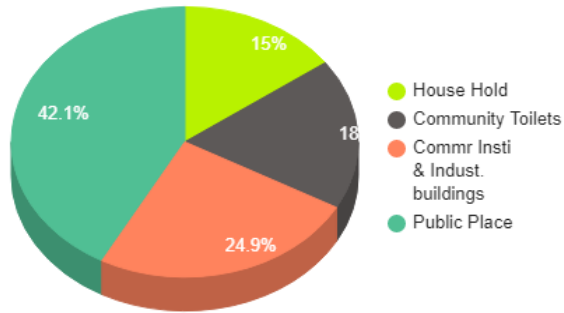
People say



Desludging operators say

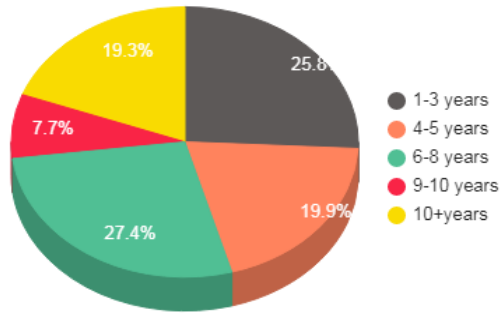


## Average response time for desludging service



## Average desludging frequency

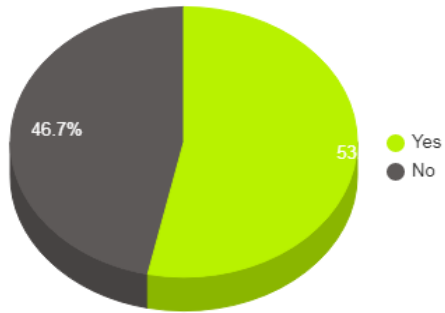
People say



# Map

## Usage of safety gears

People say







## Adequacy of desludging vehicles and operators in the city

### INADEQUATE

After studying the existing desludging operators in the city, it is apparent that there are adequate desludging.

The options should be

- Buildings with septic tanks
- Buildings with fully lined tanks
- Buildings with Lined tank with impermeable walls (but open bottom)

FSM Toolbox has dedicated modules to assist you in developing vehicle procurement plan in order to meet the city's overall demand for conducting desludging services effectively. [Learn More.](#)



### If there are NO appropriate treatment units in the neighbourhood

It is noted that about 90% of overall faecal sludge that is desludged by the operators do not reach the treatment plant and is dumped into the environment. The desludging operators do not have any dedicated treatment unit in the neighbourhood for safe disposal of the collected faecal waste. The city government should take adequate steps to set up faecal sludge treatment unit in the neighbourhoods of the cityname.

FSM Toolbox has dedicated modules to assist you in planning and implementation of faecal sludge treatment units in the neighbourhood. [Learn More.](#)



**Presence of treatment systems  
in and around the city**



## End-use/Disposal

