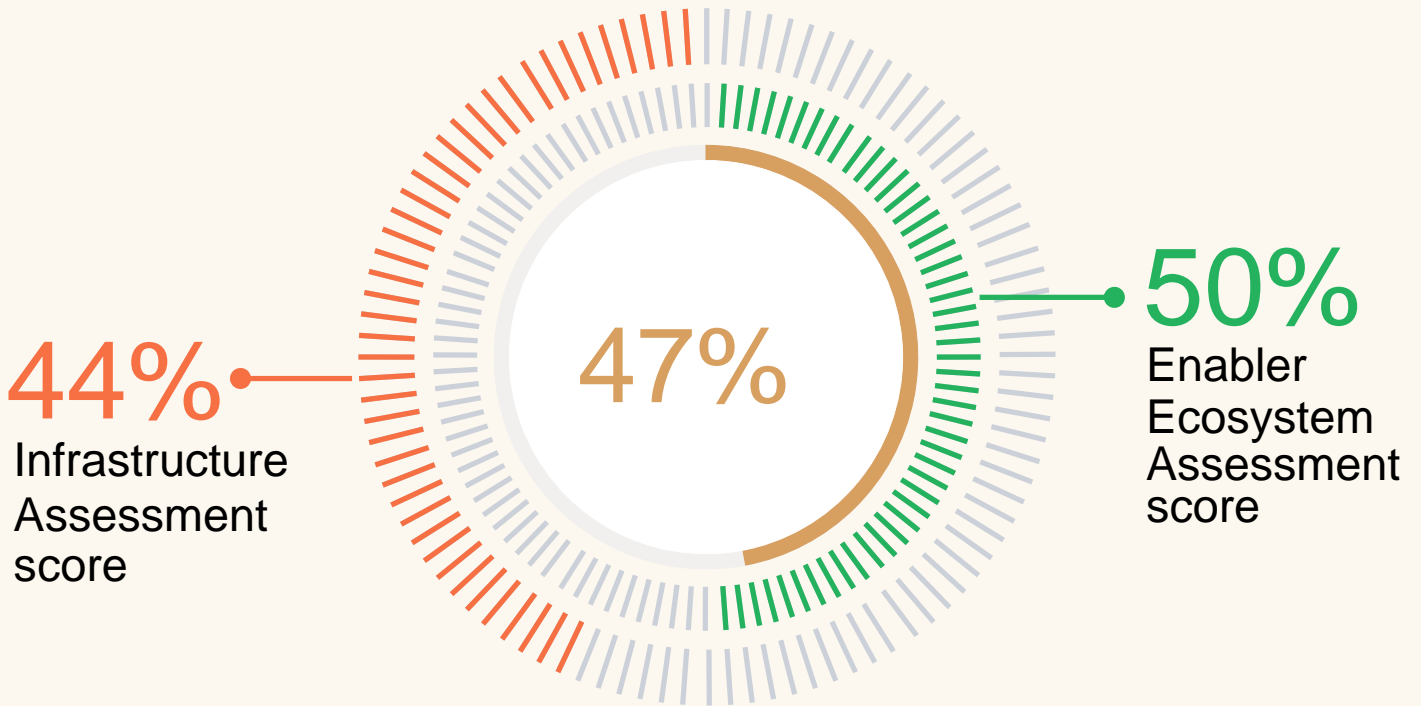


City Assessment Report

Samneua

WORLD BANK GROUP

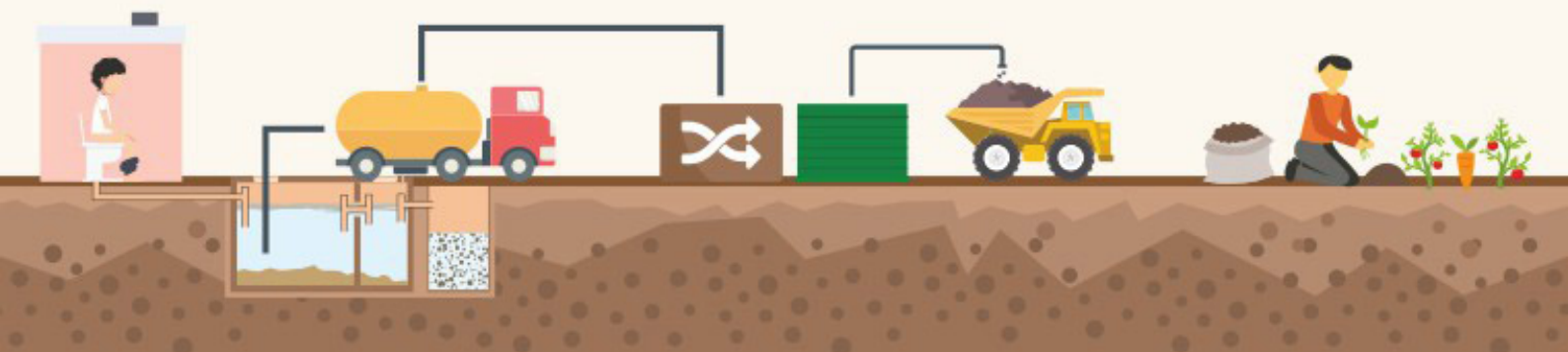


The FSM Index score indicates that the Overall FSM performance of the city is

Developing

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 : Samneua

25 May 2019

Produced By: Demo User, Borda, Laos, Samneua, Luang Nam Tha, Laos.

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Source: The FSM Toolbox.

www.fsmttoolbox.com

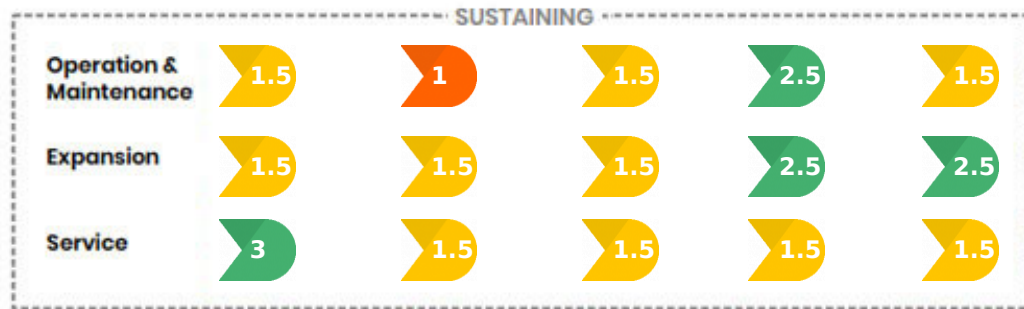
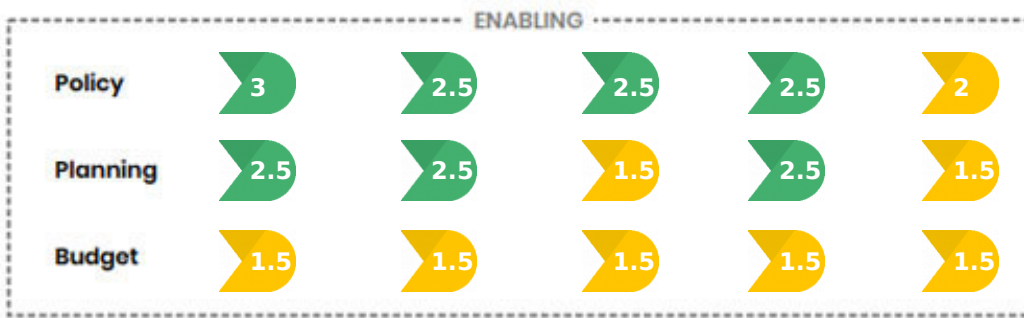
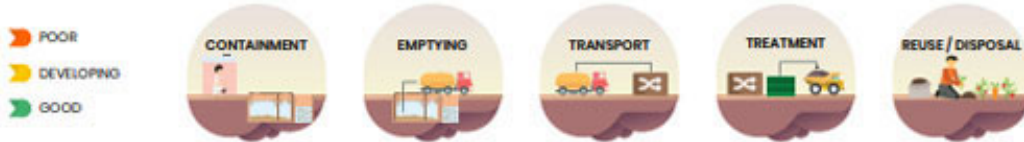
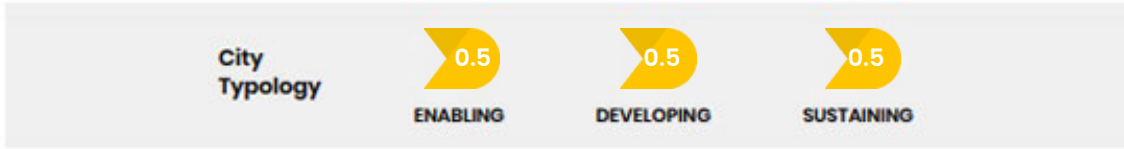


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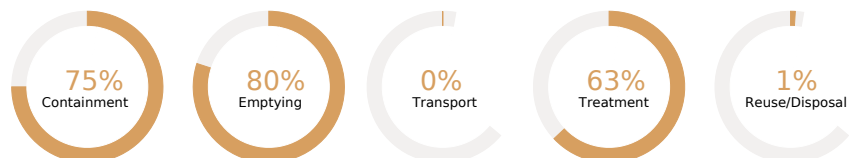
Overall Assessment Output	4
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Overall Assessment Output

Enabler Ecosystem Assessment



Infrastructure Assessment



Enabler Ecosystem Assessment



50%
Enabler
Ecosystem
Assessment
score

City Typology



ENABLING



DEVELOPING



SUSTAINING

- POOR
- DEVELOPING
- GOOD

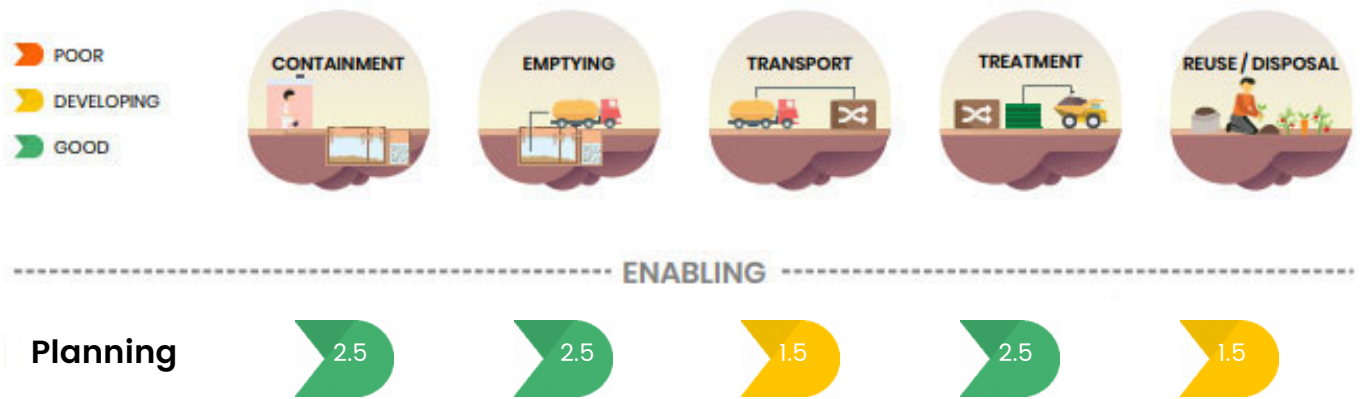


ENABLING

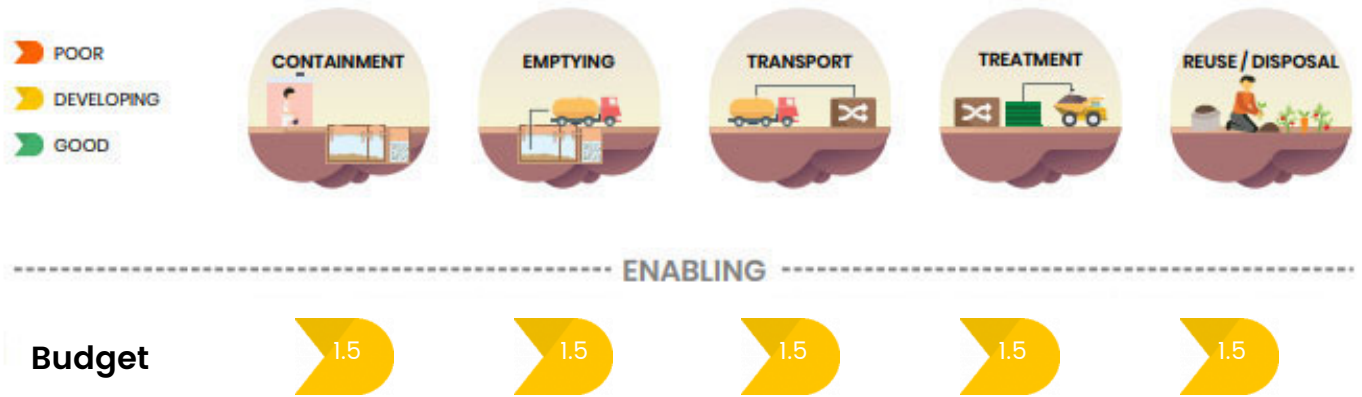
Policy



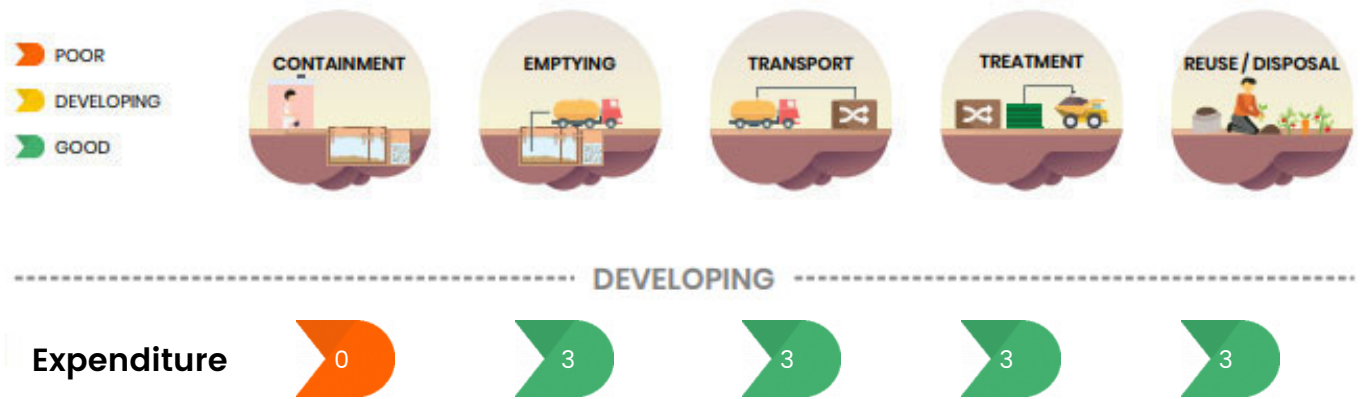
- Great to learn that the city has an appropriate and approved policy document acknowledged by all the stakeholders in the city
(Containment|Emptying|Transport|Treatment|Reuse/Disposal|Containment|Emptying|Transport|Treatment|Reuse/Disposal|Containment|Emptying|Transport|Treatment|Reuse/Disposal)



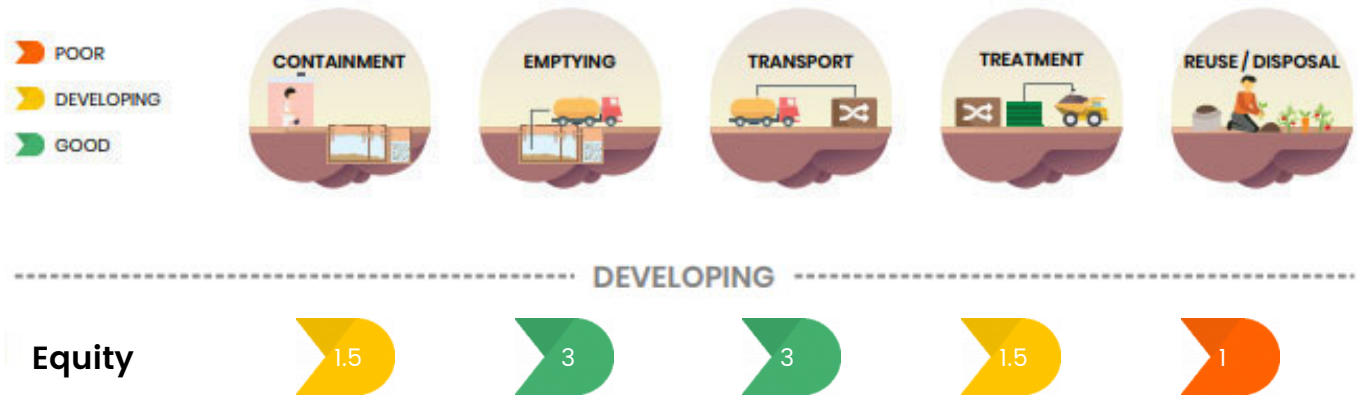
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(Containment|Emptying|Transport|Treatment|Reuse/Disposal)
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- Encourage / enforce the stakeholders to operationalize defined institutional roles
(Reuse/Disposal)



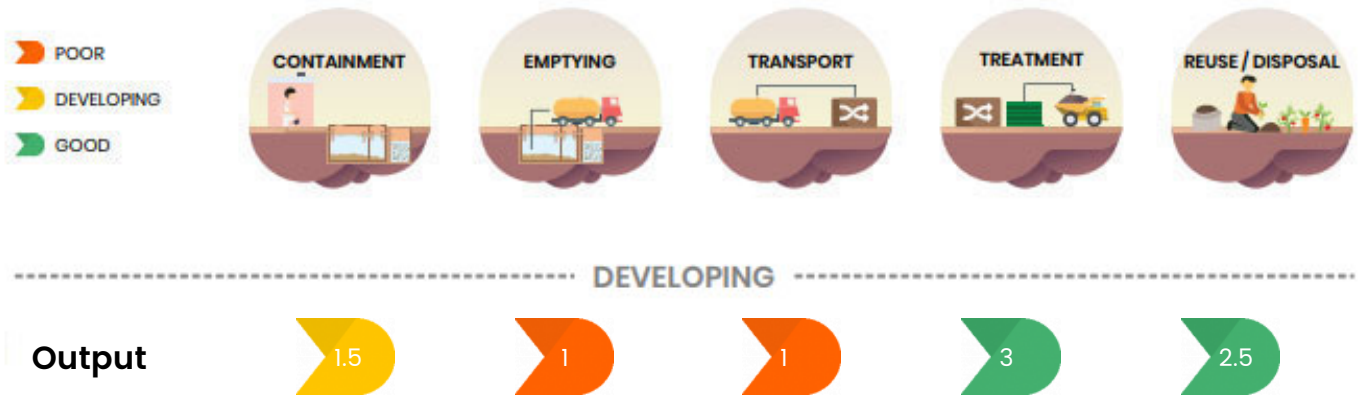
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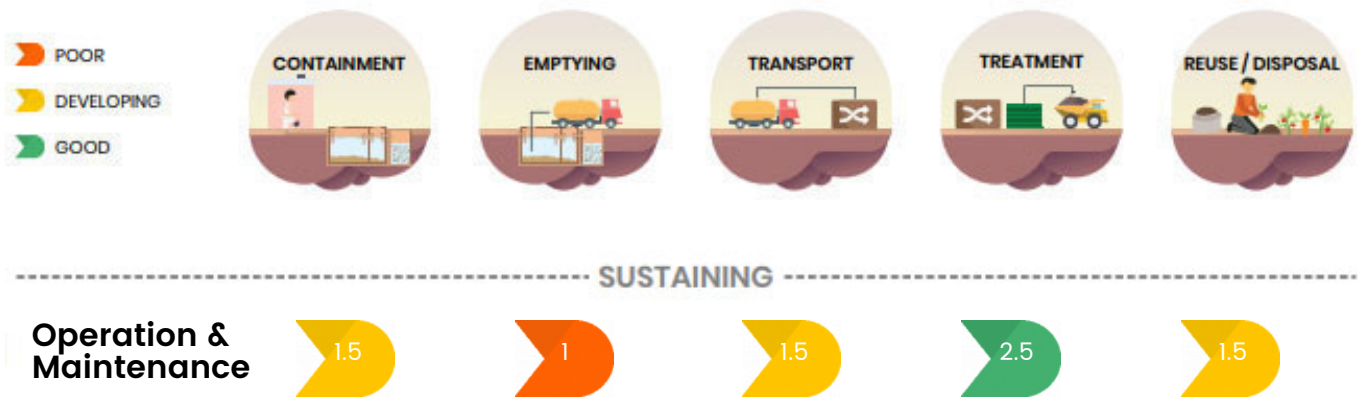
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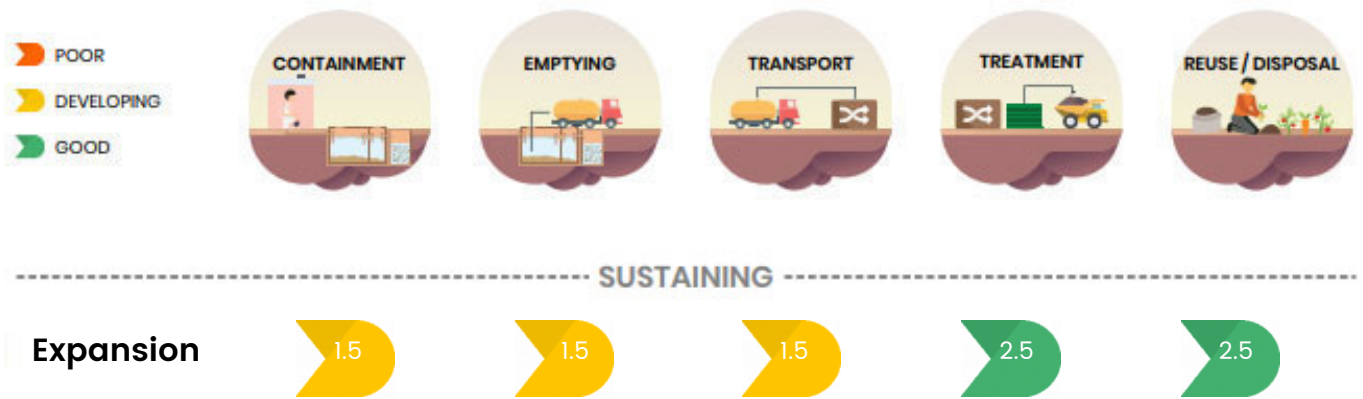
- Great to learn that the city has clearly defined and operationalized institutional roles **(Containment|Emptying|Transport|Treatment)**
- Encourage / enforce the stakeholders to operationalize defined institutional roles **(Reuse/Disposal)**
- Great to learn that the city has established and enforced legal and regulatory mechanisms in the city **(Containment)**
- Though legal and regulatory mechanisms exist in your city, it is important to operationalize them effectively. Educate and encourage the ground officers about the pros of effectively operationalizing legal and regulatory systems in the city. **(Emptying|Transport|Treatment|Reuse/Disposal)**



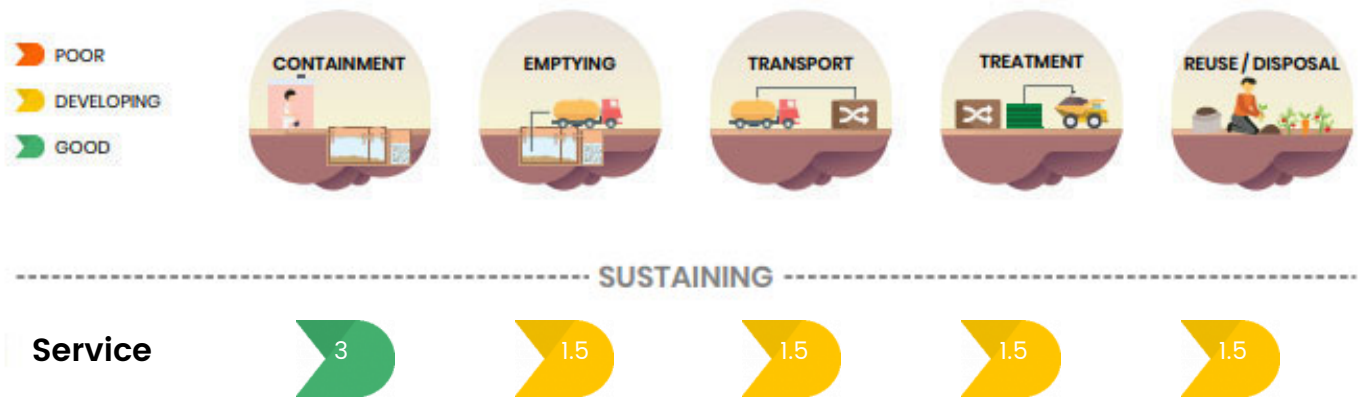
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- Great to learn that the city has established and enforced legal and regulatory mechanisms in the city **(Containment)**
- Though legal and regulatory mechanisms exist in your city, it is important to operationalize them effectively. Educate and encourage the ground officers about the pros of effectively operationalizing legal and regulatory systems in the city. **(Emptying|Transport|Treatment|Reuse/Disposal)**
- Great to learn that the city has defined service targets as part of the FSM service chain in the development plan that is adopted at the city level **(Containment|Emptying|Treatment)**
- No service targets are defined at the city level. Please engage with the relevant stakeholders and define service targets in a collaborative fashion. **(Transport|Reuse/Disposal)**

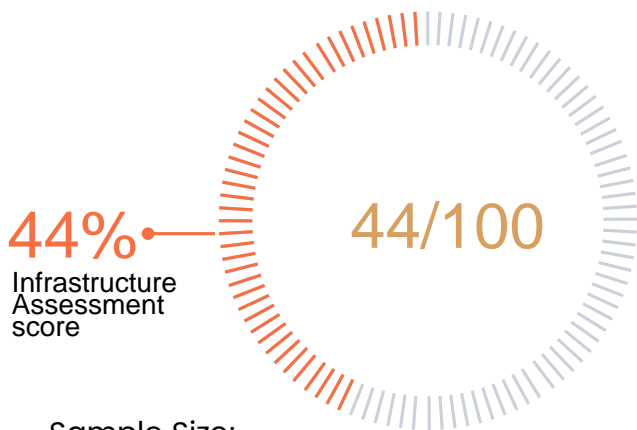


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- Great to learn that the city has defined service targets as part of the FSM service chain in the development plan that is adopted at the city level **(Containment|Emptying|Treatment)**
- No service targets are defined at the city level. Please engage with the relevant stakeholders and define service targets in a collaborative fashion. **(Transport|Reuse/Disposal)**
- Though FSM investment plan exists, it is important to comprehensively cover all aspects of FSM implementation such as HR needs, TA needs, etc. **(Containment|Emptying|Transport|Treatment|Reuse/Disposal)**

Infrastructure Assessment



3,493 Households

46 Commercial

65 Institutional

2 Industrial

20 Community Toilets

11 Public Toilets

Sample Size:

The FSM Pro assessment was conducted in Samneua with a city 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.



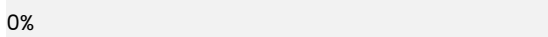
Access to Toilets

Households

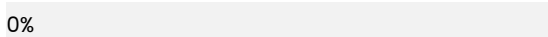
HHs with access to individual toilet



HHs with access to community toilet



HHs with no access to toilet



Access to toilet by households
Of the 3,493 households in the city, about 100% of households have access to household toilet facilities. The city has already taken adequate efforts to improve the overall coverage of toilet access in the city.

FSM Toolbox has dedicated planning modules to assist you in planning household and community toilet construction required by geography, type of toilet user interface and onsite sanitation system technology relevant by geography in your city. [Learn more.](#)

CII Buildings

Buildings with access to toilet within the premise

99%

Buildings with access to toilet outside the premise

1%

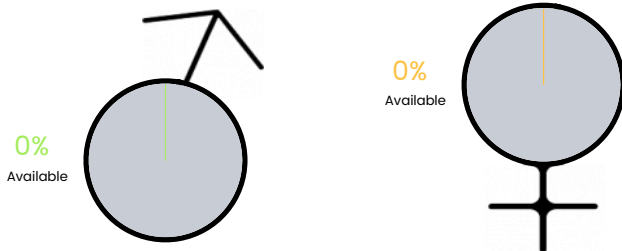
Buildings with no access to toilet

0%

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 67 properties in this category in the city of Samneualt. It is great to learn that 99% of buildings have access to any kind of toilet facilities. It is important for city governments to take initiative to improve the coverage of toilets across the city.



Adequacy of Public Toilets (in the)



Public Toilets It is interesting to learn that city of Samneuada not have adequate toilet seats for men and women in public areas of the city. The coverage of public toilets for men is about 0% and 0% for women respectively. It is important for city governments to take initiative to improve the coverage of public toilets across the public areas in city.

*It is to be noted that the rapid assessment is built to measure only the adequacy of toilets in terms of quantity while the actual geographical positioning of these toilets could vary in reality. In order to conduct an accurate assessment, we highly recommend you conduct FSMPro assessment to arrive at a comprehensive geospatial assessment of sanitation situation of your city.

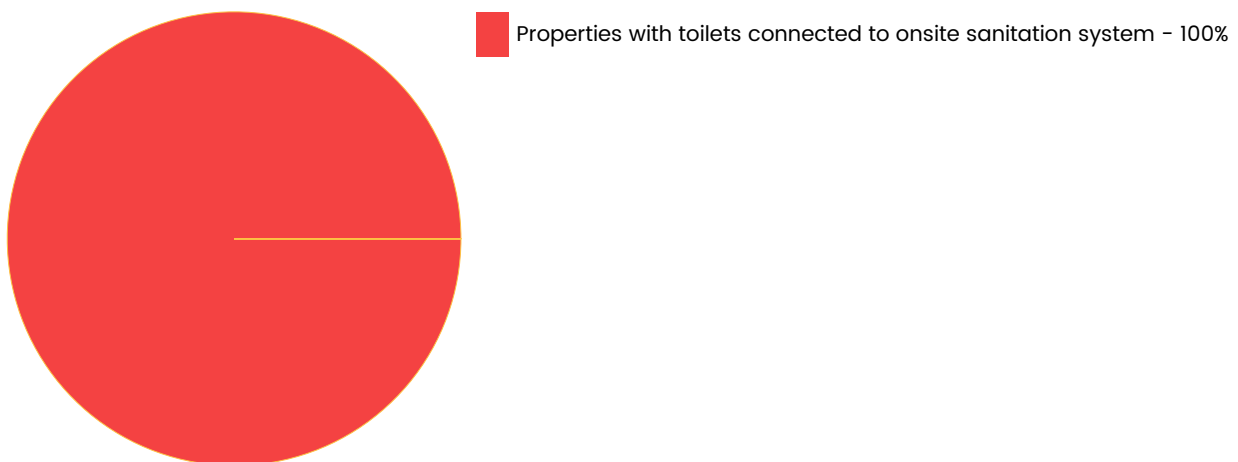
FSM Toolbox has dedicated planning modules to assist you in planning total number of public toilet seats required by geography, type of toilet user interface and onsite sanitation system technology relevant by geography in your city. [Learn more.](#)

Onsite Vs Offsite Systems

Of all the existing properties in the city with toilet facilities (including public and community toilets), 100% of toilets are connected to onsite sanitation systems.

OSS Characteristics

The graph shown here describes the overall distribution of types of onsite sanitation systems (OSS) in the city.





About 70% of Onsite Sanitation Systems in properties in the city have been emptied at least once. About 30% of OSS have not been emptied even once since the time of construction. These OSSs have a great risk of seepage over years and hence act as a risk factor, polluting the ground water table of the city. The local authority should take appropriate measures to ensure timely desludging of such OSSs in the city. [Learn more.](#)



Accessibility of containment systems easily by road (greater than 3m)

HHs (with containment systems) that can be accessible by road of width greater than 3m - 80%



Community toilets (with containment systems) that can be accessible by road of width greater than - 80%



Commercial, institutional and industrial buildings (with containment systems) that can be accessible by road of width greater than 3m - 80%



What is the percentage of public toilets (with containment systems) that can be accessible by road of width greater than 3m? - 80%



The graph shown here describes the percentage distribution of properties in the Samneuat that can be accessed by road of width greater than 3m only. It is to be noted that the desludging operators should have vehicle availability to cater to the needs of those properties located on roads with poor access.



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 inadequate desludging vehicles in the city. The city should take efforts to encourage existing desludging operators / increase the desludging vehicles available in the city to meet the needs of the

The options should be

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.](#)



It is to be noted that only 70% of emptied faecal sludge reaches the treatment plant in the neighbourhood. The city government should take adequate steps to administer that all of the emptied faecal sludge treatment reaches the treatment unit in a timely manner.

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.](#)



Presence of treatment systems in and around the city

It is great to learn that the City of Samneua meets the output effluent and biosolids standards in the treatment plants installed in the city neighbourhood.

FSM Toolbox has dedicated modules to assist you in developing vehicle procurement plan to meet future demand. [Learn more.](#)



1 % of treated wastewater and 1 % of treated faecal sludge is currently being re-used in the city. The remaining treated products are mixed with natural sources without being reused in the city. The city should take efforts to promote re-use of treated sanitation products among key stakeholders in the city neighbourhoods.