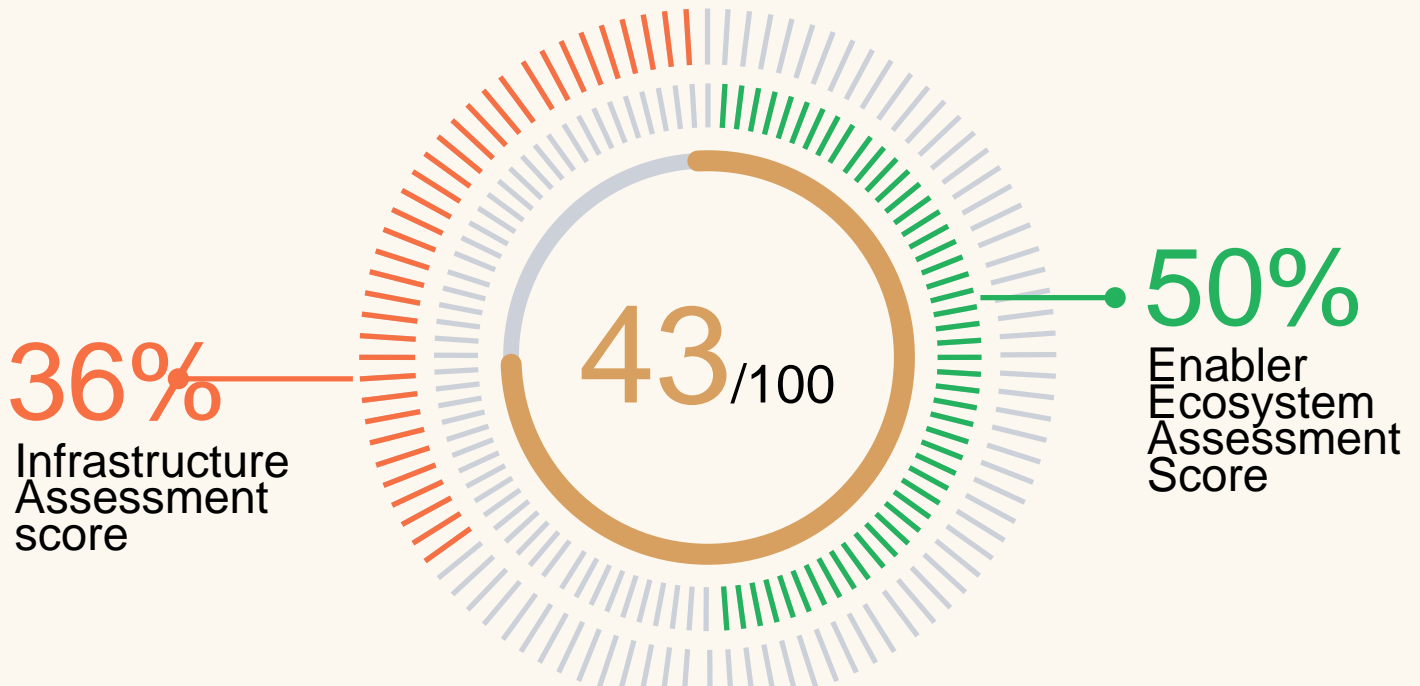


City Assessment Report

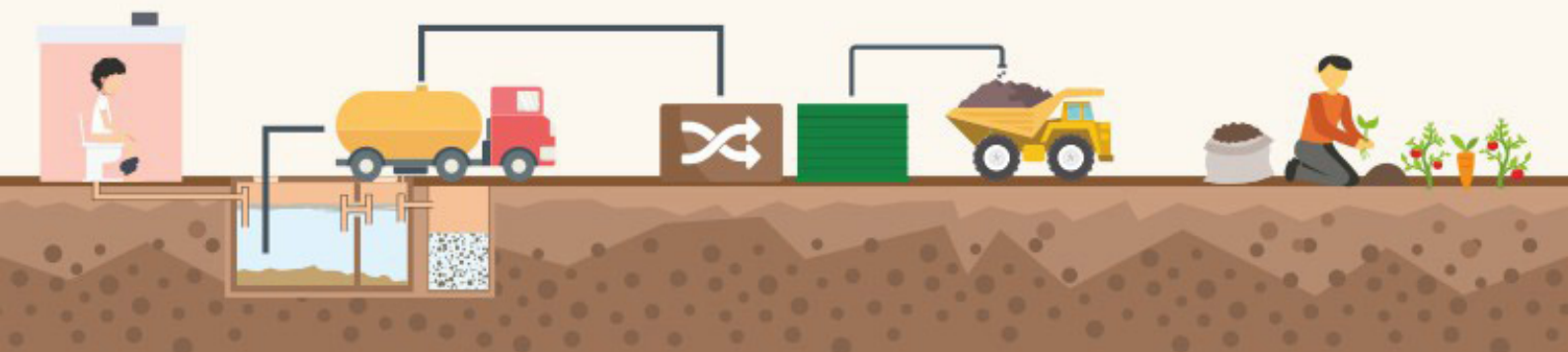


The FSM Index score indicates that the Overall FSM performance of the city is

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 and treatment infrastructure. The enabler ecosystem assessment score indicates need for improvement in aspects of - Operation and maintenance.



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City Assessment Report: Lose

05 Feb 19

Produced By: vishnu D, Athena, Lose, Tamil Nadu, India.

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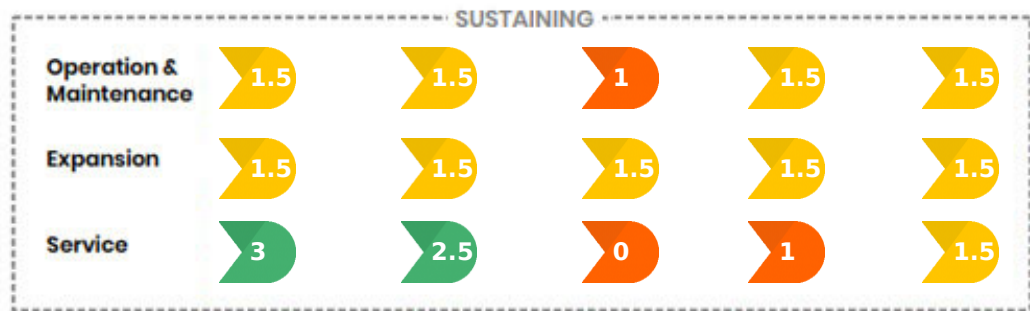
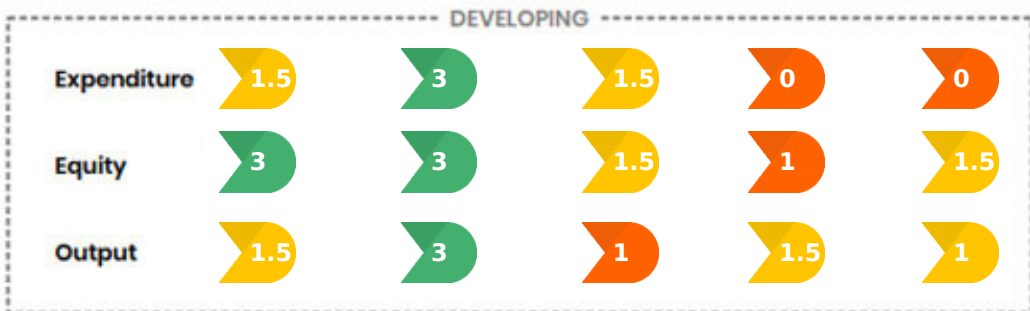
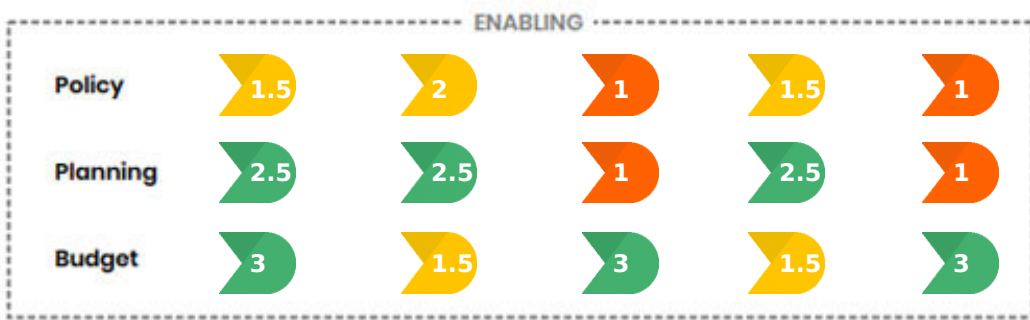
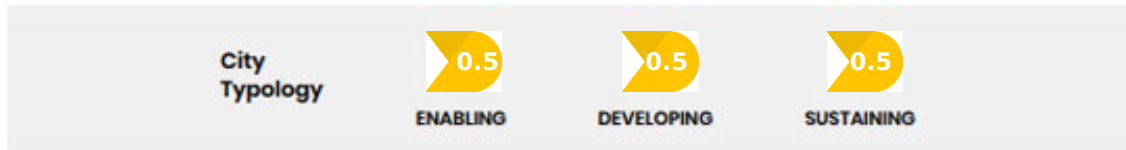
www.fsmttoolbox.com



ATHENA
INFONOMICS

Overall Assessment Output

Enabler Ecosystem Assessment



Infrastructure Assessment



Enabler Ecosystem Assessment



50%

Enabler Ecosystem Assessment Score

36%

Infrastructure Assessment score

- ▶ POOR
- ▶ DEVELOPING
- ▶ GOOD



City Typology



ENABLING



DEVELOPING



SUSTAINING

ENABLING

Policy



- Great to learn that the city has an appropriate and approved policy document acknowledged by all the stakeholders in the city.
- Great to learn that the city has clearly defined and operationalized institutional roles
- Great to learn that the city has established and enforced legal and regulatory mechanisms in the city.

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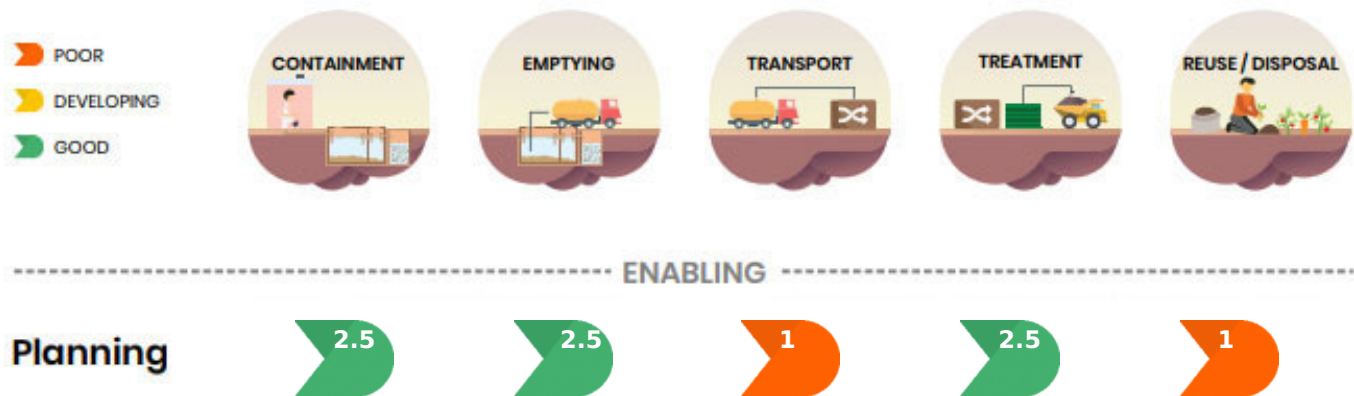
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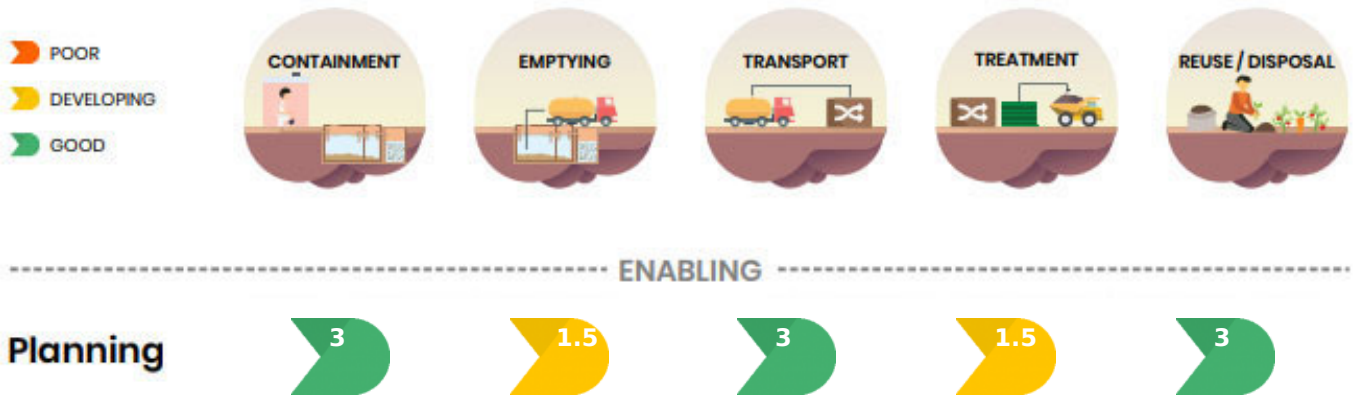
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- No service targets are defined at the city level. Please engage with the relevant stakeholders and define service targets in a collaborative fashion.
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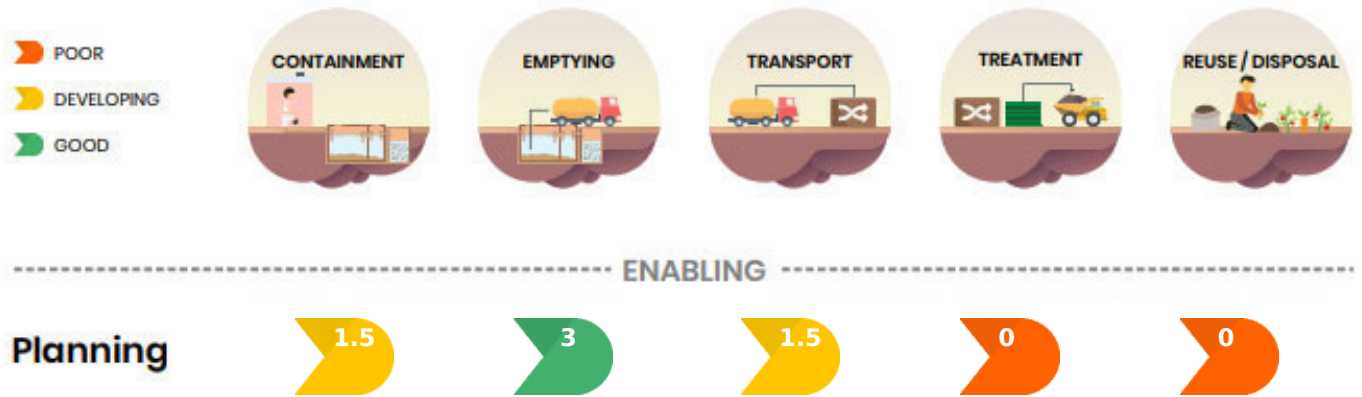




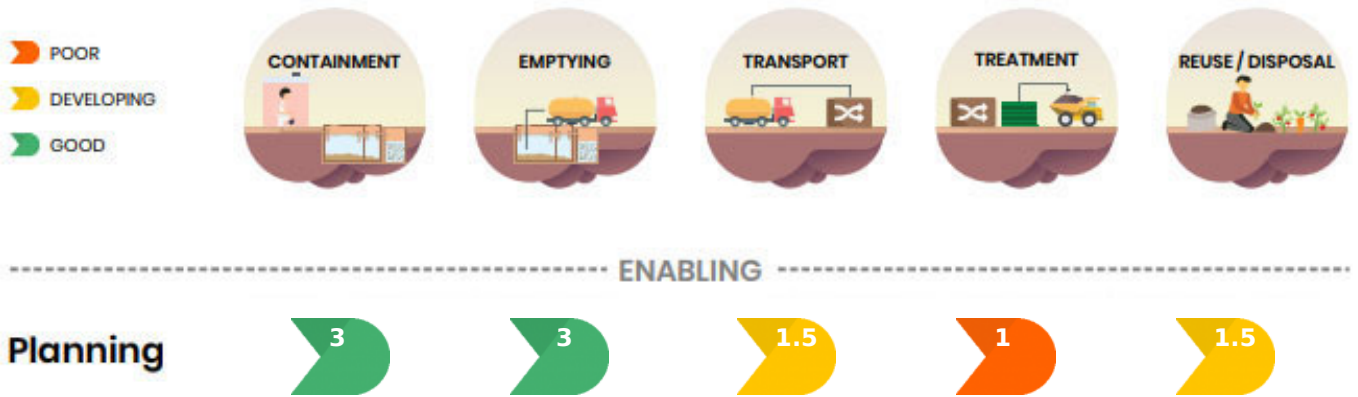
Planning

- The city must strengthen the process for coordinating investments from domestic and international donors, national grants, state budgets, donor loans, grants and others
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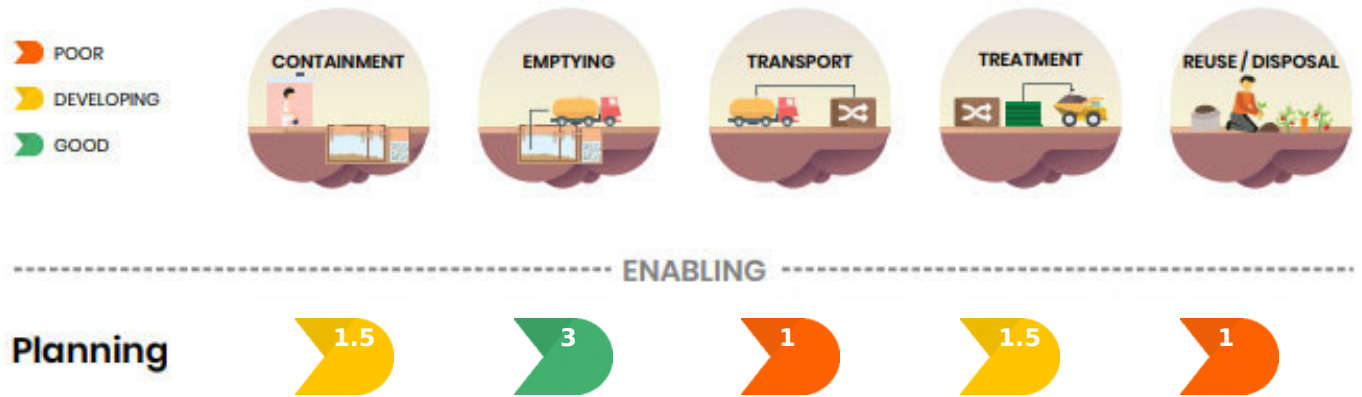




- The annual public financial commitments for fsm is quite healthy to meet the service levels and needs for the city. The existing financial commitment meets over 75% of overall FSM requirement for the city. It is advised that the city attempts to mobilize gap funds from domestic and international donors, national grants, state budgets, donor loans, grants or engage the private sector through PPP mode.
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- The technology options are not sufficiently available in the city. The city needs to encourage private sector to research / develop / make available technologies that meets the needs of the urban poor
- Though there are adequate funds arranged according to the plan, measures must be taken to actually implement and reduce inequalities in the city, specifically for the urban poor
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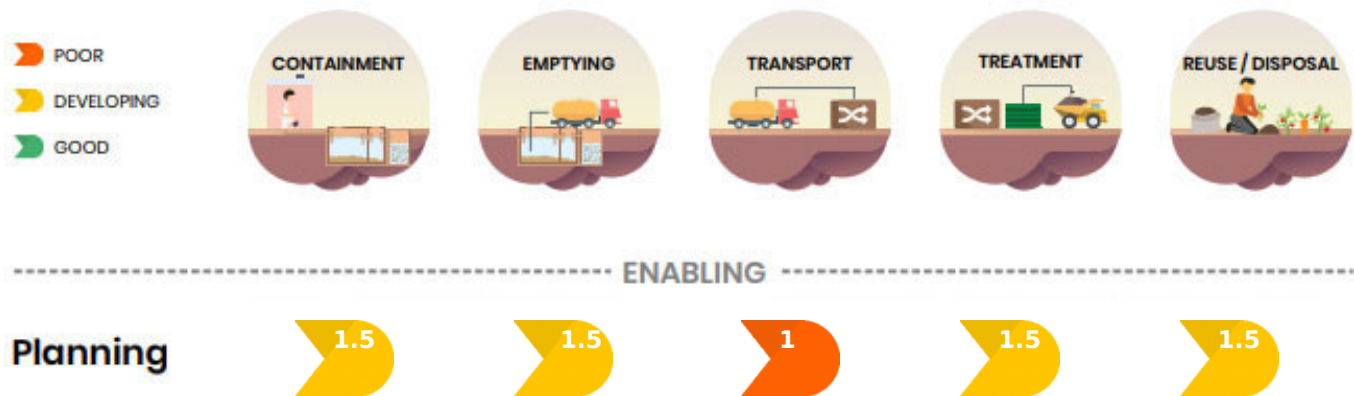


- Great to learn that the the capacity of the FSM players / infrastructure in CityName is growing at a good pace (over 75% growth) to meet the needs, demands and targets to protect the overall public and environmental health. The city can further encourage players to build capacities / mobilize investments / seek VGF / encourage PPP to improve the overally quality of FSM service delivery in the city.
- Great to learn that the quality of FSM is quite sufficient, just greater than 75% of services are adequate to meet the public health standards. Cities must revisit their service delivery value chain to improve the overall quality of services.
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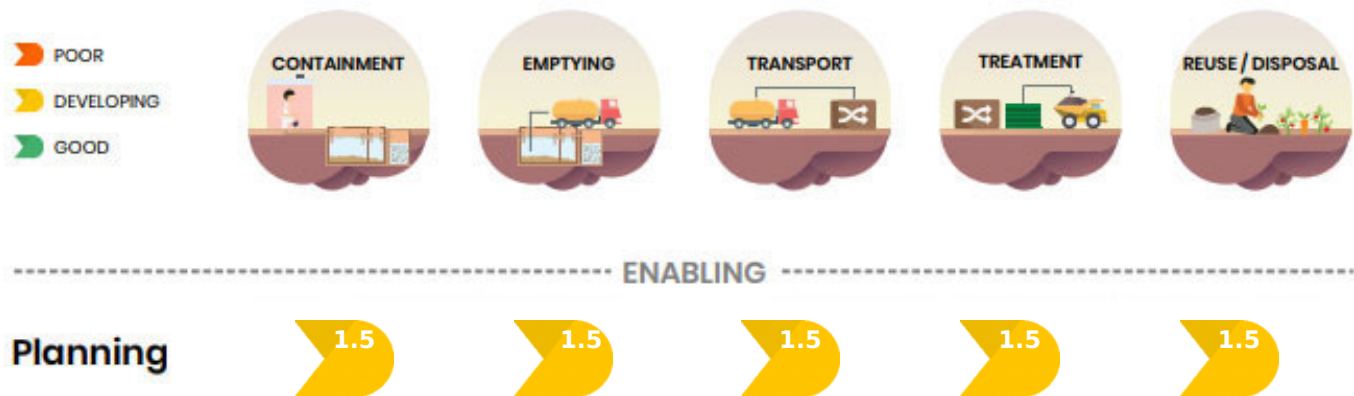
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- Just over 50% of the city's overall operations and maintenance cost is met through user fees and/or local revenue or transfers. It is highly recommended that the city should revisit its cost to deliver services and revise its cost to the consumer such that 100% of the operational cost is covered through either user fees / local revenues.
- Though the city is monitoring the overall user fees collection progress, the city is not adequately levying penalties for users who are unwilling to comply to set standards. It is highly encouraged that the city should set individual collection targets for each year, encourage the tax collectors to levy penalties for users unwilling to comply to standards and incentivize the fees collectors for achieving individual service targets.
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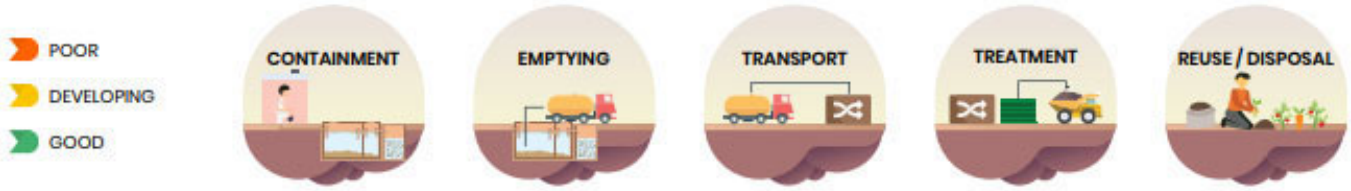


- Though city has taken effort to increase the overall FSM demand, it is learnt that the demand has not increased quite significantly. The city should build capacities of the service providers and develop targetted IEC strategies for improving the overall demand for FSM services in the city
- Though programs and measures to strengthen the quality of service providers exist, little has been changed over years. Majority of the service providers remain disorganized and the sector is not expanding as per the development plans prepared by the city government.
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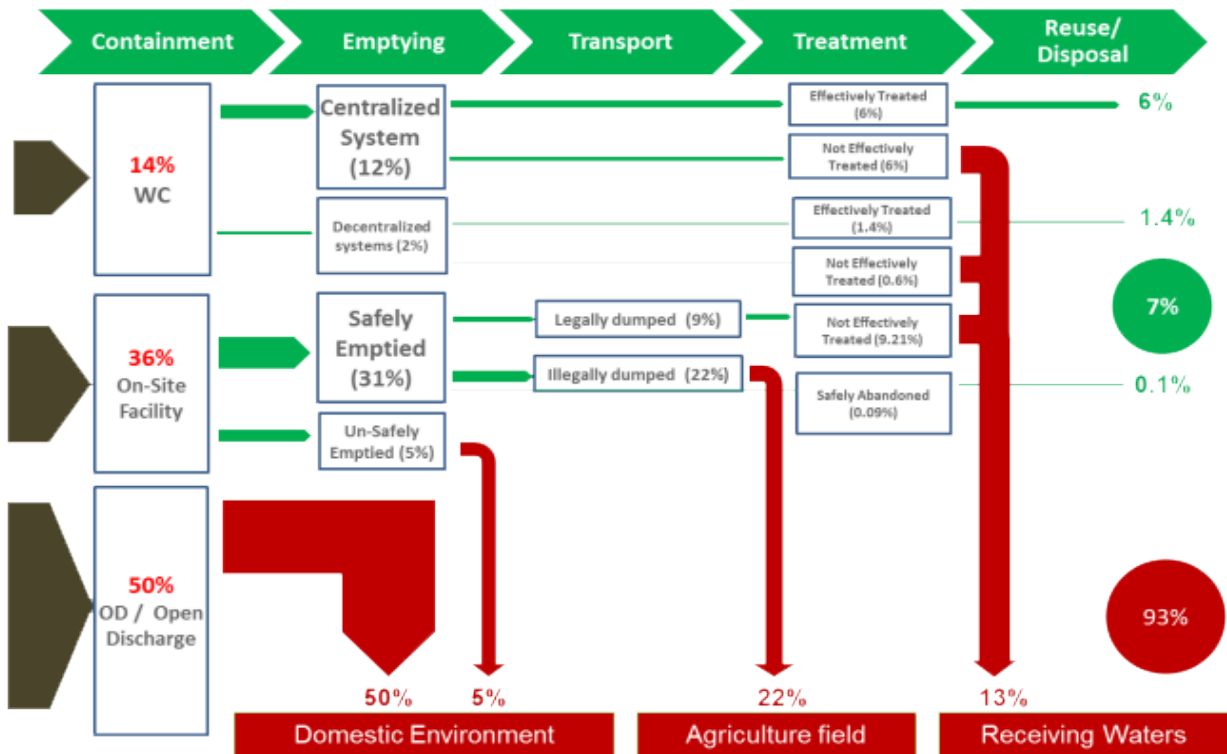
----- ENABLING -----

Planning

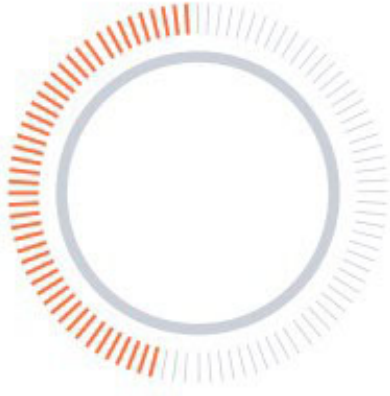


<p>Over 75% of FS generated in the city is safely managed at the containment stage. The city should encourage households to improve the overall quality of containment systems in the city to meet environmental safety standards. FSM systems and services are very well available to low-income communities in the city.</p>	<p>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. FSM systems and services are very well available to low-income communities in the city.</p>	<p>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. FSM systems and services are very well available to low-income communities in the city.</p>	<p>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. FSM systems and services are very well available to low-income communities in the city.</p>	<p>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 byproducts produced from the treatment plants operating in and around the city. FSM systems and services are very well available to low-income communities in the city.</p>
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Shit Flow Diagram



Infrastructure Assessment



35678 Households

35678 Commercial buildings

35678 Institutional buildings

35678 Industrial buildings

35678 Community Toilets

35678 Public Toilets



Access to Toilets

Households



Access to toilet by households Of the X1 households in the city, about Y1% of households have access to household toilet facilities and about Y2% of households have access to community toilets in their neighbourhood. The remaining Y3% 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.



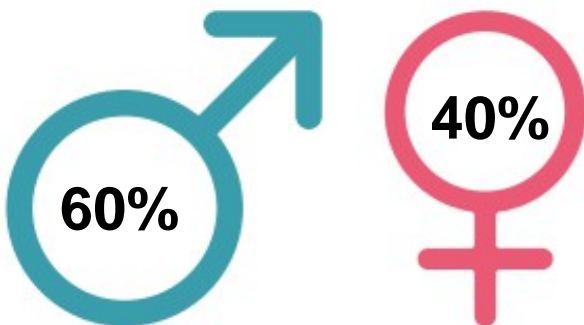
Households



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 X1 properties in this category in the city of *CityName*. About Y1% of buildings have access to toilet facility within their premises and about Y2% of buildings have access to community toilets in their neighbourhood. The remaining Y3% of buildings 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.

FSM Toolbox has dedicated planning modules to assist you in planning community and public toilet construction in your city



Access to toilet by households

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If Demand > Supply: However, the city has only X3 male community toilet seats and X4 female community toilet seats in the community, leaving an overall demand gap of about Y1% (Demand - Supply).

If Demand > Supply: Interestingly, the city has X3 male community toilet seats, i.e., Y1% higher than the demand and X4 female community toilet seats, i.e., Y2% higher than the demand in the community.

**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 community toilet seats required by geography, type of toilet user interface and onsite sanitation system technology relevant by geography and arriving at an overall cost estimation for planning future infrastructure investments in the community.

Shit Flow Diagram

Infrastructure Assessment

[Link to INDEX](#)

Containment

Emptying

Transport

Treatment

Reuse/Disposal

[link to INDEX \(page 1\)](#)