

Business Model Questionnaire



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Module Description

This tool presents case studies on a range of business models implemented in different parts of the world across the FSM value chain, referenced from IWMI's Resource Recovery and Reuse Series 6 document. It also goes on to assist users evaluate the relevance of these different models to their context.

Note: This section should only be used as a pre-feasibility tool and not an end-to-end business solution tool. The main objective of this section is to function as a guiding tool for users who are interested to start a business in the FSM sector and already are familiar with the intricacies of the sector. This tool only showcases the possible business options which have been documented as part of IWMI's report - Business Models for Faecal Sludge Management - as part of the Resource Recovery and Reuse Series.

Business Model Selection

Questionnaire

#	User Interface	Hints	Data Collection Protocol
1	Is there any regulation (rules/guidelines) for the construction of public toilets?	"By public toilets, it is implied that these are to be provided for the floating population/general public in places such as markets, train stations, tourist places, near office complexes, or other public areas where there are considerable number of people passing by."	1. Kindly refer to relevant rules and guidelines for the construction of a public toilet. 2. Alternatively also conduct key informant interviews with sector experts (government officials, engineers, NGO workers and activists, etc.) to identify relevant rules and guidelines for the construction of a public toilet.
2	If yes, are the regulatory provisions enforced in the city?		Kindly conduct key informant interviews with sector experts (government officials, engineers, NGO workers and activists, etc.) within the city to identify whether the rules and guidelines are enforced.
3	Is there an institution with mandate for provision of land, construction and maintenance of the public toilet?		Conduct key informant interviews with sector experts (government officials, engineers, NGO workers and activists, etc.) in the city to understand the roles and responsibilities of relevant institutions.
4	If yes, is there budgetary allocation for the provision (land availability) of public toilets?		1. Kindly check the relevant institution's financial budget and check for the budget allocated under the relevant budget heads.

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5	Is there any regulation (guidelines/rules) for improving the conditions (retrofitting/redevelopment) of sub-standard toilet structures?		<ol style="list-style-type: none"> 1. Kindly refer to documents published by the ministry and local government to check for relevant rules and guidelines. 2. Alternatively also conduct key informant interviews with sector experts (government officials, engineers, NGO workers and activists, etc.) to identify relevant rules and guidelines.
6	If yes, are these regulatory provisions enforced in the city?		Kindly conduct key informant interviews with sector experts (government officials, engineers, NGO workers and activists, etc.) within the city to identify whether the rules and guidelines are enforced or not.
7	Is there an institution with mandate for improving sub-standard toilets?		<ol style="list-style-type: none"> 1. Kindly refer to documents published by the ministry and local government to check for roles and responsibilities of relevant institutions. 2. Alternatively also conduct key informant interviews with sector experts (government officials, engineers, NGO workers and activists, etc.) in the city to understand the roles and responsibilities of relevant institutions.
8	If yes, is there a budgetary allocation or collection of fees for improving sub-standard toilets		<ol style="list-style-type: none"> 1. Kindly check the relevant institution's financial budget and check for the budget allocated under the relevant budget heads. 2. Also check the budget allocation for the previous years to understand how much is allocated for the particular task and how much is actually spent.
9	Are there standards for inspecting the functionality of public toilets?		<ol style="list-style-type: none"> 1. Kindly refer to documents of the ministry and local government to check for prescribed standards. 2. Alternatively also conduct key informant interviews with sector experts (government officials, engineers, NGO workers and activists, etc.) to identify relevant standards.
10	If yes, are these standards enforced in the city?		Kindly conduct key informant interviews with sector experts (government officials, engineers, NGO workers and activists, etc.) within the city to identify whether the standards are enforced and followed in the city.

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11	Is there an institution with mandate for inspection of public toilets?		<p>1. Kindly refer to documents published by the ministry and local government to check for roles and responsibilities of relevant institutions.</p> <p>2. Alternatively also conduct key informant interviews with sector experts (government officials, engineers, NGO workers and activists, etc.) in the city to understand the roles and responsibilities of relevant institutions.</p>
12	If yes, is there resources (financial and human) for inspection of public toilets?		<p>1. Kindly check the relevant institution's financial budget and check for the budget allocated under the relevant budget heads.</p> <p>2. Also check the budget allocation for the previous years to understand how much is allocated for the particular task and how much is actually spend.</p> <p>3. With respect to understanding the institution's human resource availability for the particular task, kindly check the organogram of the institution. Analyze the positions and the number of staffs as prescribed by the organogram to the existing staff structure.</p>
13	Is there regulation for issuing penalties for not constructing proper public toilets?		<p>1. Kindly refer to documents published by the ministry and local government to check for norms specifying penalties for construction of improper public toilets.</p> <p>2. Alternatively also conduct key informant interviews with sector experts (government officials, engineers, NGO workers and activists, etc.) to identify norms specifying penalties for construction of improper public toilets.</p>
14	If yes, are these penalties enforced in the city?		Kindly conduct key informant interviews with sector experts (government officials, engineers, NGO workers and activists, etc.) within the city to identify whether the penalties are enforced and followed in the city.
15	Is there an institution with a mandate on enforcing the penalties		1. Kindly refer to documents published by the ministry and local government to check for roles and responsibilities of relevant institutions.

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			2. Alternatively also conduct key informant interviews with sector experts (government officials, engineers, NGO workers and activists, etc.) in the city to understand the roles and responsibilities of relevant institutions.
16	If yes, is there enough resources (financial and human) to enforce this?		<p>1. Kindly check the relevant institution's financial budget and check for the budget allocated under the relevant budget heads.</p> <p>2. Also check the budget allocation for the previous years to understand how much is allocated for the particular task and how much is actually spend.</p> <p>3. With respect to understanding the institution's human resource availability for the particular task, kindly check the organogram of the institution. Analyze the positions and the number of staffs as prescribed by the organogram to the existing staff structure.</p>
	Containment		
17	Are there standards for the construction of a particular type of On-Site Sanitation System (OSS)?		<p>1. Kindly refer to documents published by the ministry and local government to check for standards specifying construction details of an on-site sanitation system. To be noted that standards may also be developed privately by companies or by the industry sector. So wherever required, kindly also refer to sector specific standards (for e.g. a private company manufacturing pre-fabricated septic tanks will have their own specific standards - which may follow the government prescribed standards, but is not limited to the government standards).</p> <p>2. Alternatively also conduct key informant interviews with sector experts (government officials, engineers, NGO workers and activists, etc.) to identify standards specifying construction details of an on-site sanitation system.</p>

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18	If yes, are these standards followed or enforced in the city?		Kindly conduct key informant interviews with sector experts (government officials, engineers, NGO workers and activists, etc.) within the city to identify whether the standards are enforced and followed in the city.
19	If no, is there an institution with mandate for inspecting containment unit?		<ol style="list-style-type: none"> 1. Kindly refer to documents published by the ministry and local government to check for roles and responsibilities of relevant institutions. 2. Alternatively also conduct key informant interviews with sector experts (government officials, engineers, NGO workers and activists, etc.) in the city to understand the roles and responsibilities of relevant institutions.
20	Are there regulations for improving improperly built On-Site Sanitation System (OSS)?		<ol style="list-style-type: none"> 1. Kindly refer to documents published by the ministry and local government to check for relevant rules and guidelines for the construction of an on-site sanitation system. 2. Alternatively also conduct key informant interviews with sector experts (government officials, engineers, NGO workers and activists, etc.) to identify relevant rules and guidelines for the construction of an on-site sanitation system.
21	If yes, are these regulations enforced in the city?		Kindly conduct key informant interviews with sector experts (government officials, engineers, NGO workers and activists, etc.) within the city to identify whether the rules and guidelines are enforced or not.
22	Is there an institution with mandate for improving On-Site Sanitation System (OSS)?		<ol style="list-style-type: none"> 1. Kindly refer to documents published by the ministry and local government to check for roles and responsibilities of relevant institutions. 2. Alternatively also conduct key informant interviews with sector experts (government officials, engineers, NGO workers and activists, etc.) in the city to understand the roles and responsibilities of relevant institutions.
23	If yes, is there a budgetary allocation for improving		1. Kindly check the relevant institution's financial budget and check for the budget allocated under the

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	(retrofitting/redevelopment) sub-standard On-Site Sanitation System (OSS)?		relevant budget heads. 2. Also check the budget allocation for the previous years to understand how much is allocated for the particular task and how much is actually spend.
24	Are there regulations (rules/guidelines) for issuing permits for On-Site Sanitation System (OSS) construction?		1. Kindly refer to documents published by the ministry and local government to check for relevant rules and guidelines for issuing permits for the construction of an on-site sanitation system. 2. Alternatively also conduct key informant interviews with sector experts (government officials, engineers, NGO workers and activists, etc.) to identify relevant rules and guidelines for issuing permits for the construction of an on-site sanitation system
25	If yes, are these regulations enforced in the city?		Kindly conduct key informant interviews with sector experts (government officials, engineers, NGO workers and activists, etc.) within the city to identify whether the rules and guidelines are enforced or not.
26	Is there an institution with mandate for issuing permits for On-Site Sanitation System (OSS) construction?		1. Kindly refer to documents published by the ministry and local government to check for roles and responsibilities of relevant institutions. 2. Alternatively also conduct key informant interviews with sector experts (government officials, engineers, NGO workers and activists, etc.) in the city to understand the roles and responsibilities of relevant institutions.
27	Are there enough resources (financial and human) to verify and issue permits for On-Site Sanitation System (OSS) construction?		1. Kindly check the relevant institution's financial budget and check for the budget allocated under the relevant budget heads. 2. Also check the budget allocation for the previous years to understand how much is allocated for the particular task and how much is actually spend. 3. With respect to understanding the institution's human resource availability for the particular task, kindly check the organogram of the institution. Analyze the positions and

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			the number of staffs as prescribed by the organogram to the existing staff structure.
	Collection and Conveyance		
28	Are there regulations (rules/guidelines) for desludging frequencies?		<ol style="list-style-type: none"> 1. Kindly refer to documents published by the ministry and local government to check for relevant rules and guidelines for desludging of on-site sanitation systems 2. Alternatively also conduct key informant interviews with sector experts (government officials, engineers, NGO workers and activists, etc.) to identify relevant rules and guidelines for desludging of on-site sanitation systems.
29	If yes, is the regulation enforced in the city?		Kindly conduct key informant interviews with sector experts (government officials, engineers, NGO workers and activists, etc.) within the city to identify whether the rules and guidelines are enforced and followed.
30	Is there an institution with mandate towards enforcing the desludging frequency?		<ol style="list-style-type: none"> 1. Kindly refer to documents published by the ministry and local government to check for roles and responsibilities of relevant institutions 2. Alternatively also conduct key informant interviews with sector experts (government officials, engineers, NGO workers and activists, etc.) in the city to understand the roles and responsibilities of relevant institutions.
31	If yes, are there enough resources (financial and human) information) to enforce this?		<ol style="list-style-type: none"> 1. Kindly check the relevant institution's financial budget and check for the budget allocated under the relevant budget heads. 2. Also check the budget allocation for the previous years to understand how much is allocated for the particular task and how much is actually spend. 3. With respect to understanding the institution's human resource availability for the particular task, kindly check the organogram of the institution. Analyze the positions and the number of staffs as prescribed by

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			the organogram to the existing staff structure.
32	Is there a regulation for licensing of desludging operators and workers?		<ol style="list-style-type: none"> 1. Kindly refer to documents published by the ministry and local government to check for relevant rules and guidelines for licensing of desludging operators and workers. 2. Alternatively also conduct key informant interviews with sector experts (government officials, engineers, NGO workers and activists, etc.) to identify relevant rules and guidelines for licensing of desludging operators and workers.
33	If yes, is the regulation enforced in the city?		Kindly conduct key informant interviews with sector experts (government officials, engineers, NGO workers and activists, etc.) within the city to identify whether the rules and guidelines are enforced and followed.
34	Is there an institution with mandate for licensing desludging operators and workers?		<ol style="list-style-type: none"> 1. Kindly refer to documents published by the ministry and local government to check for roles and responsibilities of relevant institutions 2. Alternatively also conduct key informant interviews with sector experts (government officials, engineers, NGO workers and activists, etc.) in the city to understand the roles and responsibilities of relevant institutions.
35	If yes does it have the resources (financial and human) required for licensing desludging operators and enforcing it on ground?		<ol style="list-style-type: none"> 1. Kindly check the relevant institution's financial budget and check for the budget allocated under the relevant budget heads. 2. Also check the budget allocation for the previous years to understand how much is allocated for the particular task and how much is actually spend. 3. With respect to understanding the institution's human resource availability for the particular task, kindly check the organogram of the institution. Analyze the positions and the number of staffs as prescribed by the organogram to the existing staff structure.

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36	Are there standard operating procedures (zone/time of operations, accidents, spills, proper disposal, record keeping, route planning) for desludging/transportation?		<ol style="list-style-type: none"> 1. Kindly refer to documents published by the ministry and local government to check for relevant standard operating procedures for desludging and transportation of faecal sludge. To be noted that standards may also be developed privately by companies or by the industry sector. So wherever required, kindly also refer to sector specific standards (for e.g. a private desludging operator may have their own specific standards - which may follow the government prescribed standards, but is not limited to the government standards). 2. Alternatively also conduct key informant interviews with sector experts (government officials, engineers, NGO workers and activists, etc.) to identify relevant standard operating procedures for desludging and transportation of faecal sludge.
37	If yes, are these standards enforced in the city?		Kindly conduct key informant interviews with sector experts (government officials, engineers, NGO workers and activists, etc.) within the city to identify whether the rules and guidelines are enforced and followed
38	Is there an institution with mandate for monitoring of desludging operator's compliance to standard operating procedures?		<ol style="list-style-type: none"> 1. Kindly refer to documents published by the ministry and local government to check for roles and responsibilities of relevant institutions. 2. Alternatively also conduct key informant interviews with sector experts (government officials, engineers, NGO workers and activists, etc.) in the city to understand the roles and responsibilities of relevant institutions.
39	If yes, is there enough resources (financial and human) for monitoring of desludging operator's compliance to standard operating procedures?		<ol style="list-style-type: none"> 1. Kindly check the relevant institution's financial budget and check for the budget allocated under the relevant budget heads. 2. Also check the budget allocation for the previous years to understand how much is allocated for the particular task and how much is actually spend. 3. With respect to understanding the institution's human resource

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			availability for the particular task, kindly check the organogram of the institution. Analyze the positions and the number of staffs as prescribed by the organogram to the existing staff structure.
40	Are there vehicle standards for determining the roadworthiness (whether the vehicle can access the roads in terms of elevation - steep climb, road width, etc.) of desludging vehicles?		<ol style="list-style-type: none"> 1. Kindly refer to documents published by the ministry and local government to check for relevant standards determining the roadworthiness of desludging vehicles. 2. Alternatively also conduct key informant interviews with sector experts (government officials, engineers, NGO workers and activists, etc.) to identify relevant standards determining the roadworthiness of desludging vehicles.
41	If yes, are these standards followed in the city?		Kindly conduct key informant interviews with sector experts (government officials, engineers, NGO workers and activists, etc.) within the city to identify whether the rules and guidelines are enforced and followed.
42	Is there an institution with mandate for monitoring whether the desludging vehicles meet the roadworthiness standards?		<ol style="list-style-type: none"> 1. Kindly refer to documents published by the ministry and local government to check for roles and responsibilities of relevant institutions 2. Alternatively also conduct key informant interviews with sector experts (government officials, engineers, NGO workers and activists, etc.) in the city to understand the roles and responsibilities of relevant institutions.
43	If yes, is there resources (financial and human) for monitoring roadworthiness of desludging vehicles?		<ol style="list-style-type: none"> 1. Kindly check the relevant institution's financial budget and check for the budget allocated under the relevant budget heads. 2. Also check the budget allocation for the previous years to understand how much is allocated for the particular task and how much is actually spend. 3. With respect to understanding the institution's human resource availability for the particular task, kindly check the organogram of the institution. Analyze the positions and the number of staffs as prescribed by the organogram to the existing staff structure.

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44	Is there regulatory provision for setting the desludging tariff?		<ol style="list-style-type: none"> 1. Kindly refer to documents published by the ministry and local government to check for relevant rules and guidelines for setting the tariff for provision of desludging service. 2. Alternatively also conduct key informant interviews with sector experts (government officials, engineers, NGO workers and activists, etc.) to identify relevant rules and guidelines for setting the tariff for provision of desludging service.
45	If yes, is the regulation enforced in the city?		Kindly conduct key informant interviews with sector experts (government officials, engineers, NGO workers and activists, etc.) within the city to identify whether the rules and guidelines are enforced and followed.
46	Is there an institution with mandate for setting the desludging tariff?		<ol style="list-style-type: none"> 1. Kindly refer to documents published by the ministry and local government to check for roles and responsibilities of relevant institutions 2. Alternatively also conduct key informant interviews with sector experts (government officials, engineers, NGO workers and activists, etc.) in the city to understand the roles and responsibilities of relevant institutions.
47	Is there provision of tipping fee for the desludging operators at the treatment facility?		<ol style="list-style-type: none"> 1. Kindly refer to documents published by the ministry and local government to check for relevant rules and guidelines which prescribe the provision of tipping fee to desludging operators for disposing off the faecal sludge at the treatment plant. 2. Alternatively also conduct key informant interviews with sector experts (government officials, engineers, NGO workers and activists, etc.) to identify relevant rules and guidelines which prescribe the provision of tipping fee to desludging operators for disposing off the faecal sludge at the treatment plant.
	Treatment		
48	Are there design standards for design,		1. Kindly refer to documents published by the ministry and local government

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	operation and maintenance of treatment facilities?		<p>to check for relevant standards for the design, operation and maintenance of treatment plant. To be noted that standards may also be developed privately by companies or by the industry sector. So wherever required, kindly also refer to sector specific standards (for e.g. a private company constructing a treatment plant and operating it, may have their own specific standards - which may follow the government prescribed standards, but is not limited to the government standards).</p> <p>2. Alternatively also conduct key informant interviews with sector experts (government officials, engineers, NGO workers and activists, etc.) to identify relevant standards for designing, operating and maintaining the treatment plant.</p>
49	If yes, are these standards followed and enforced in the city?		Kindly conduct key informant interviews with sector experts (government officials, engineers, NGO workers and activists, etc.) within the city to identify whether the standards are followed or not.
50	Is there an institution with mandate for monitoring design, operation and maintenance of treatment facilities?		<p>1. Kindly refer to documents published by the ministry and local government to check for roles and responsibilities of relevant institutions</p> <p>2. Alternatively also conduct key informant interviews with sector experts (government officials, engineers, NGO workers and activists, etc.) in the city to understand the roles and responsibilities of relevant institutions.</p>
51	If yes, are there resources (financial and human) for monitoring design, operation and maintenance of treatment facilities?		<p>1. Kindly check the relevant institution's financial budget and check for the budget allocated under the relevant budget heads.</p> <p>2. Also check the budget allocation for the previous years to understand how much is allocated for the particular task and how much is actually spend.</p> <p>3. With respect to understanding the institution's human resource availability for the particular task,</p>

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			kindly check the organogram of the institution. Analyze the positions and the number of staffs as prescribed by the organogram to the existing staff structure.
52	Are there standards for effluent disposal?		<ol style="list-style-type: none"> 1. Kindly refer to documents published by the ministry and local government to check for relevant standards for disposal of effluent 2. Alternatively also conduct key informant interviews with sector experts (government officials, engineers, NGO workers and activists, etc.) to identify relevant standards prescribing the disposal of effluent into the environment.
53	Are these standards enforced in the city?		Kindly conduct key informant interviews with sector experts (government officials, engineers, NGO workers and activists, etc.) within the city to identify whether the standards are followed or not.
54	Is there an institution with the mandate for monitoring compliance to effluent disposal standards?		<ol style="list-style-type: none"> 1. Kindly refer to documents published by the ministry and local government to check for roles and responsibilities of relevant institutions 2. Alternatively also conduct key informant interviews with sector experts (government officials, engineers, NGO workers and activists, etc.) in the city to understand the roles and responsibilities of relevant institutions
55	If yes, are there resources (financial and human) for monitoring compliance to effluent disposal standards?		<ol style="list-style-type: none"> 1. Kindly check the relevant institution's financial budget and check for the budget allocated under the relevant budget heads. 2. Also check the budget allocation for the previous years to understand how much is allocated for the particular task and how much is actually spend. 3. With respect to understanding the institution's human resource availability for the particular task, kindly check the organogram of the institution. Analyze the positions and the number of staffs as prescribed by the organogram to the existing staff structure.

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56	Are there standards for solids disposal?	Here solids or bio-solids refer to dried faecal matter post treatment.	<ol style="list-style-type: none"> 1. Kindly refer to documents published by the ministry and local government to check for relevant standards for disposal of solids 2. Alternatively also conduct key informant interviews with sector experts (government officials, engineers, NGO workers and activists, etc.) to identify relevant standards prescribing the disposal of solids.
57	If yes, are these standards enforced in the city?		Kindly conduct key informant interviews with sector experts (government officials, engineers, NGO workers and activists, etc.) within the city to identify whether the standards are followed or not.
58	Is there an institution with mandate for monitoring compliance to solids disposal standards?		<ol style="list-style-type: none"> 1. Kindly refer to documents published by the ministry and local government to check for roles and responsibilities of relevant institutions 2. Alternatively also conduct key informant interviews with sector experts (government officials, engineers, NGO workers and activists, etc.) in the city to understand the roles and responsibilities of relevant institutions.
59	If yes, are there adequate resources (financial and human) for monitoring compliance to solid disposal standards?		<ol style="list-style-type: none"> 1. Kindly check the relevant institution's financial budget and check for the budget allocated under the relevant budget heads. 2. Also check the budget allocation for the previous years to understand how much is allocated for the particular task and how much is actually spend. 3. With respect to understanding the institution's human resource availability for the particular task, kindly check the organogram of the institution. Analyze the positions and the number of staffs as prescribed by the organogram to the existing staff structure.
60	Are there standard operating procedures for the treatment plant?		<ol style="list-style-type: none"> 1. Kindly refer to documents published by the ministry and local government to check for relevant standards for the design, operation and maintenance of treatment plant. To be noted that standards may also be developed

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			privately by companies or by the industry sector. So wherever required, kindly also refer to sector specific standards (for e.g. a private company constructing a treatment plant and operating it, may have their own specific standard operating procedure - which may follow the government prescribed standards, but is not limited to the government standards). 2. Alternatively also conduct key informant interviews with sector experts (government officials, engineers, NGO workers and activists, etc.) to identify relevant standards for designing, operating and maintaining the treatment plant.
61	If yes, are these procedures enforced and followed in the city?		Kindly conduct key informant interviews with sector experts (government officials, engineers, NGO workers and activists, etc.) within the city to identify whether the procedures are enforced and followed.
62	Is there an institution with mandate to monitor the treatment plant's compliance to standard operating procedures?		1. Kindly refer to documents published by the ministry and local government to check for roles and responsibilities of relevant institutions. 2. Alternatively also conduct key informant interviews with sector experts (government officials, engineers, NGO workers and activists, etc.) in the city to understand the roles and responsibilities of relevant institutions.
63	If yes, are there adequate resources (financial and human) for regular inspection of treatment operations and compliance to standard operating procedures?		1. Kindly check the relevant institution's financial budget and check for the budget allocated under the relevant budget heads. 2. Also check the budget allocation for the previous years to understand how much is allocated for the particular task and how much is actually spend. 3. With respect to understanding the institution's human resource availability for the particular task, kindly check the organogram of the institution. Analyze the positions and the number of staffs as prescribed by the organogram to the existing staff

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			structure.
	Reuse - Variables		
64	Are there regulatory provisions for legalizing reuse of treated end products		<ol style="list-style-type: none"> 1. Kindly refer to documents published by the ministry and local government to check for relevant rules and guidelines for the reuse of treated end products 2. Alternatively also conduct key informant interviews with sector experts (government officials, engineers, NGO workers and activists, etc.) to identify relevant rules and guidelines for the reuse of treated end products.
65	If yes, are these provisions enforced in the city?		Kindly conduct key informant interviews with sector experts (government officials, engineers, NGO workers and activists, etc.) within the city to identify whether the rules and guidelines are enforced or not.
66	Is there an institution with mandate to legalese reuse of treated end products?		<ol style="list-style-type: none"> 1. Kindly refer to documents published by the ministry and local government to check for roles and responsibilities of relevant institutions 2. Alternatively also conduct key informant interviews with sector experts (government officials, engineers, NGO workers and activists, etc.) in the city to understand the roles and responsibilities of relevant institutions.
67	If yes, does the institution have enough technical capacity to conduct research on potential reuse options for treated faecal sludge?		<ol style="list-style-type: none"> 1. Kindly check the relevant institution's financial budget and check for the budget allocated under the relevant budget heads. 2. Also check the budget allocation for the previous years to understand how much is allocated for the particular task and how much is actually spend.
68	Are there standards prescribing the quality of reuse by-products for a particular use?		<ol style="list-style-type: none"> 1. Kindly refer to documents published by the ministry and local government to check for relevant standards prescribing the quality for faecal sludge reuse products. 2. Alternatively also conduct key informant interviews with sector experts (government officials, engineers, NGO workers and activists,

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			etc.) to identify relevant standards prescribing the quality for faecal sludge reuse products.
69	If yes, are these standards enforced in the city?		Kindly conduct key informant interviews with sector experts (government officials, engineers, NGO workers and activists, etc.) within the city to identify whether the standards are followed or not.
70	Is there an institution with mandate to inspect the quality of by-products generated for re-use?		<ol style="list-style-type: none"> 1. Kindly refer to documents published by the ministry and local government to check for roles and responsibilities of relevant institutions 2. Alternatively also conduct key informant interviews with sector experts (government officials, engineers, NGO workers and activists, etc.) in the city to understand the roles and responsibilities of relevant institutions
71	If yes, are there enough resources (financial and human) to carry out regular/periodic inspection?		<ol style="list-style-type: none"> 1. Kindly check the relevant institution's financial budget and check for the budget allocated under the relevant budget heads. 2. Also check the budget allocation for the previous years to understand how much is allocated for the particular task and how much is actually spend. 3. With respect to understanding the institution's human resource availability for the particular task, kindly check the organogram of the institution. Analyze the positions and the number of staffs as prescribed by the organogram to the existing staff structure.
	Other institutional variables		
72	Is there an institution with mandate for FSM related coordination between institutions/stakeholders ?		1. Kindly refer to documents published by the ministry and local government to check for roles and responsibilities of relevant institutions which works towards strengthening the coordination between various stakeholders involved in the FSM ecosystem. Please note that such institutions can also be NGOs which works towards enhancing coordination

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			<p>between stakeholders.</p> <p>2. Alternatively also conduct key informant interviews with sector experts (government officials, engineers, NGO workers and activists, etc.) in the city to understand the roles and responsibilities of the relevant institutions.</p>
73	If yes, are there enough resources (financial and human) for FSM related coordination between institutions/stakeholders ?		<p>1. Kindly check the relevant institution's financial budget and check for the budget allocated under the relevant budget heads.</p> <p>2. With respect to understanding the institution's human resource availability for the particular task, kindly check the organogram of the institution. Analyze the positions and the number of staffs as prescribed by the organogram to the existing staff structure.</p>
	Total		