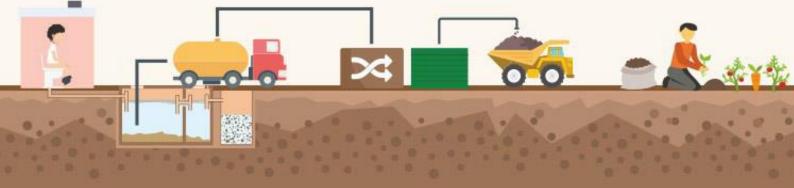




# Integrated Assessment (SFD + CSDA) Questionnaire

Desk Based Assessment



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#### Shit Flow Diagram

- 1. Name of the organisation
- 2. Country
- 3. Province or state
- 4. Name of the urban area
- 5. Population
- 6. What percentage of the contents of each type of onsite container is faecal sludge? Septic Tanks: \_\_\_\_\_
  - Fully Lined Tanks: \_\_\_\_\_

Lined tanks with impermeable walls and open bottom; and all types of pit: \_\_\_\_

- 7. Identify the percentage population dependent on each type of systems to which toilets in your city are connected? (secondary information/key informant interviews)\*
- 8. Identify the total percentage of onsite sanitation systems that is emptied by typology\*
- 9. Identify the total percentage of faecal sludge reaching the treatment plant?\*
- 10. Identify the total percentage of wastewater in open sewer or storm drain system reaching the treatment plants
- 11. Identify the total percentage of supernatant reaching the treatment plants\*
- 12. What percentage of wastewater in the sewer systems is delivered to a centralised treatment plant?
- 13. What percentage of wastewater in the sewer systems is delivered to a decentralised treatment plant?
- 14. Identify the total percentage of faecal sludge delivered to treatment plants, which is treated\*
- 15. Identify the total percentage of wastewater delivered to treatment plants, which is treated\*
- 16. Identify the total percentage of supernatant that is delivered to treatment plants, which is treated\*
- 17. What percentage of wastewater delivered to the centralised treatment plant is treated?
- 18. What percentage of wastewater delivered to the decentralised treatment plant is treated?

\*For these questions, the platform provides a matrix table for entering the input. The matrix comprises of all possible toilet technologies and the potential technologies/systems to which the toilet systems may be connected to. Please refer to the Annex for the matrix template.

### City Service Delivery Assessment

Sewered Sanitation Questions

Pillar	Sewered Sar	nitation questions	Evidence / scoring
			(across all components of the value chain: water closet, house connection; sewerage; sewage treatment and reuse)
		<b>S.1.1 Policy:</b> Is provision of sewerage services (including household connections) adequately supported by an appropriate, widely-known, acknowledged and available national or local policy?	<ol> <li>Policy is appropriate, widely- known, acknowledged and available</li> <li>0.5: Policy is appropriate, but not widely-known, acknowledged or available; or exists only as a guideline or strategy without legal force</li> <li>Policy is not available, or inappropriate to the context</li> <li>Responsibility clearly assigned</li> </ol>
<u>Enabling:</u> Current policies, planning issues and	Policy and legislation	<b>S.1.2 Institutional roles:</b> Is responsibility for sewerage service delivery clearly assigned to an entity with well-defined roles, responsibilities and mandates?	to an entity with well-defined roles, responsibilities and mandates 0.5: Responsibility unclear or ambiguous, or roles, responsibilities and mandates poorly defined 0: No entity with well-defined roles, responsibilities and mandates for sewerage exists
budgetary arrangements		<b>S.1.3 Legislation /</b> <b>Regulation:</b> Are there national and/or local legislation and regulatory mechanisms for sewerage services, backed by any necessary complementary codes, specifications, schedules etc.?	<ul> <li>1: Legislation and regulatory mechanisms are comprehensive, in place and widely publicised</li> <li>0.5:Legislation and regulatory mechanisms are comprehensive and in place, but not widely publicised</li> <li>0: Legislation and regulatory mechanisms are inadequate or do not exist</li> </ul>
	Planning and budgeting	<b>S.1.4 Targets:</b> Are service levels and targets for the accessibility of, and connections to, sewerage specified in current approved plans?	<ol> <li>Service levels and targets are clearly specified and officially adopted</li> <li>Service levels are specified, but targets not stated, or not officially adopted</li> <li>No reference to service levels or targets</li> </ol>

		1	
			1: Annual and medium term
		S.1.5 Budget lines: Are there	budget lines for sewerage exist
		annual and medium term	0.5: Annual and medium term
		budget lines for sewerage,	budget lines are unclear, poorly
		including both software, and	defined, or lack adequate software
		hardware expansion,	components
		operation and maintenance?	0: No budget lines for sewerage exist
		1.6 Planning and budgeting:	1: Inclusion is explicitly considered in policy, and required in the
		Is the policy, planning and	planning and budgeting process
		budgeting process for the	0.5: Inclusion is mentioned in
	Inclusion	provision of sanitation	policy, but not explicitly or weakly
		services inclusive, according	required in the planning and
		to the definition agreed with	budgeting process
		stakeholders?	0: There are no inclusion criteria in
			policy, planning and budgeting process
			1: There is an investment plan,
			which includes all the components
		S.2.1 Investment plan: Is	necessary to meet targets over the
		there an investment plan for	medium term
		sewerage hardware and software, which includes all the components necessary to achieve service level targets	0:5 There is an investment plan,
			which includes some (~50%) of the
			components necessary to meet
			targets over the medium term
		(S.1.4) over the medium	0: There is no investment plan, or
		term?	one that is totally inadequate to
			meet targets over the medium
	Funding		term
			1: Funding allocations are
Delivering:		<b>S.2.2 Adequate funding:</b> Are annual funding allocations for	sufficient and used as planned
Capacity and		-	0.5: Funding allocations are only
financing mechanisms		sewerage sufficient to achieve service level targets	partially sufficient or partially used
to develop		(S.1.4) and are they used as	as planned
improved		planned?	0: Funding allocations are totally
services			inadequate or not used as planned
Services		S.2.3 Coordination Are there	1: Mechanisms exist and they are
		effective mechanisms for	effective at coordinating
		coordination of sewerage	investments
		investments between	0.5 There are some partially
		donors; donors and	functional mechanisms
		government; and within	0: Mechanisms do not exist, or
		government?	exist on paper only and are
			completely ineffective
		S.2.4 Institutional capacity:	1: The mandated entity is well
	Capacity	Is responsibility for delivery	structured and adequately staffed
	and		0.5: The mandated entity is not
	outreach	of sewerage services mandated to an adequately	well structured or adequately
		mandated to an adoquately	

		staffed and structured entity?	0: There is no mandated entity, or it is very weak
		<b>S.2.5 Autonomy:</b> Does the entity responsible for sewerage have sufficient autonomy to address identified priorities?	<ol> <li>1: Entity has adequate autonomy to function according to priorities</li> <li>0.5 Partial autonomy from city authorities or national body</li> <li>0: Integral part of the city</li> </ol>
		<b>S.2.6 Outreach:</b> Are there active programmes promoting sewer connections, behaviour change and community engagement?	authority or a national ministry 1: There are systematic programmes promoting sewer connections, behaviour change and community engagement 0.5: Some outreach activities are being carried out on an ad-hoc basis 0: No outreach activities are being
		<b>2.7 Technology:</b> Are there affordable, appropriate, safe and adaptable technologies available to meet the needs of poor and vulnerable people, according to the agreed definition?	implemented 1: There are suitable options available to address the needs of most poor and vulnerable people 0.5: There are options that address the needs of some poor and vulnerable people, but they are not sufficient or complete 0: Options available to meet the sanitation needs of poor and vulnerable people are grossly inadequate
	Inclusion	2.8 Funding: Are there specific funding mechanisms to support appropriate, safe and adaptable sanitation services to all users, including poor and vulnerable people, according to the agreed definition.	1: There are funds, plans and mechanisms to meet the needs of most people, including the poor and vulnerable 0.5: There are funds, plans and mechanisms to meet the needs of some poor and vulnerable people 0: There are few or almost no funds, plans and mechanisms to support poor and vulnerable people
Operating and sustaining	Regulation and cost recovery	<b>S.3.1 Cost recovery:</b> Are sewerage system O&M costs known and fully covered by cost recovery through user fees and/or local taxes or transfers?	1: O&M costs known and revenue adequate to maintain the system well 0.5: O&M costs known and revenue covers partial O&M, at less than optimum level 0: O&M costs not known and/or revenue wholly inadequate
		<b>S.3.2 Monitoring:</b> Are there adequately staffed	1: There are adequately staffed institutions which monitor

	institutions which monitor	performance, health and
	performance, health and	environmental standards
	environmental standards for	
	sewerage services?	0.5: There are institutions which
	sewerage services!	partially monitor performance,
		health and environmental
		standards
		0: There is no institution which
		monitors performance, health and
		environmental standards
		1: Performance standards exist,
	S.3.3 Enforcement: Are	are monitored and sanctions
	failures to meet standards for	applied
	sewerage system	0.5: Performance standards exist
	performance systematically	and are monitored, but no
	monitored and sanctions	sanctions applied
	applied where relevant?	0: Performance standards (if they
		exist) are not monitored
		1: The entity has sufficient
		qualified staff for adaptive
	S.3.4 Staffing: Does the	planning of sewerage
	entity responsible for	rehabilitation and expansion
	sewerage have sufficient	0.5: The entity has insufficient
	qualified staff to undertake	staff for adaptive planning of
	adaptive planning of	sewerage rehabilitation and
	sewerage rehabilitation and	expansion
	expansion?	0: The entity has inadequate staff
		and is unable to undertake
		adaptive planning for the
		sewerage system
		1: The entity has a staff
		development programme and
	S.3.5 Staff development:	incentives to retain workers
Institutions	Does the entity responsible	0.5: The entity has either a staff
and service	for sewerage have an active	development programme or
providers	staff development	incentives to retain workers, but
	programme and incentives to	not both
	retain workers?	0: There is no staff development
		programme or incentives to retain
		workers
		1 The health and safety of
		sewerage workers is adequately
	S.3.6 Health and Safety: Is	protected and monitored
	the health and safety of	0.5: The health and safety of
	sewerage workers	sewerage workers is partly
	adequately protected and	protected and monitored
	monitored?	0: The health and safety of
		sewerage workers is not protected
		or monitored
	S.3.7 Capacity-building: Are	or monitored 1: Capacity-building is being
	<b>S.3.7 Capacity-building:</b> Are there on-going programmes and measures to build the	or monitored

	capacity of the sewerage	0.5: Limited capacity-building is
	service provider?	implemented on an ad-hoc basis
		0: No or very little capacity-
		building is carried out
		1: Sanitation services are
		expanding significantly faster than
		population, and the number of
		people with unsafe sanitation is
		decreasing
	3.8 Growth: Are sanitation	0.5: Sanitation services are more
	services keeping pace with	or less keeping pace with
	population growth?	population growth
		0: Population is growing
		significantly faster than sanitation
		services, and the number of
		people with unsafe sanitation is
		increasing
		1: Sanitation data is routinely
	3.9 Planning from evidence:	collected citywide and used for
	Is sanitation data routinely	planning services
Inclusion	collected, including from	0.5: Sanitation data is collected on
	poor and vulnerable people,	an ad-hoc basis with incomplete
	according the agreed	
	definition, and used for	spatial coverage
	planning services?	0: Sanitation monitoring data is
		rarely collected
		1: Safe sanitation services are
		affordable and available to all
	<b>3.10 Outcomes:</b> Do the city's	users, including poor and
	sanitation systems ACTUALLY	vulnerable people.
	provide safe sanitation	0.5: Safe sanitation services are
	services for all users,	available to about half of poor and
	including poor and	vulnerable people
	vulnerable people, according	0: Safe sanitation services are not
	to the agreed definition?	available to many poor and
		vulnerable people, or this is not
		known.

#### Non-Sewered Sanitation Questions

Pillar	Non-sewered sanitation questions		<b>Evidence / scoring</b> (across all components of the value chain: toilet, pit, septic tank; emptying & transport; sludge treatment and reuse)
Enabling: Current policies, planning issues and budgetary arrangements	Policy and legislation	<b>N.1.1 Policy:</b> Is use of non-sewered sanitation services enabled by an appropriate, widely- known, acknowledged	1: Policy is appropriate, widely- known, acknowledged and available 0.5: Policy is appropriate, but not widely-known, acknowledged or available; or exists only as a



	and available national or local policy?	guideline or strategy without legal force
		0: Policy is not available, or
		inappropriate to the context
		1: Responsibility clearly assigned to
	N.1.2 Institutional	institution(s) with well-defined
	roles: Is responsibility	roles, responsibilities and mandates
	for non-sewered	0.5: Responsibility unclear or
	sanitation service	ambiguous, or roles, responsibilities
	delivery clearly assigned	and mandates poorly defined
	to institution(s) with	0: No institution(s) with well-
	well-defined roles,	defined roles, responsibilities and
	responsibilities and	mandates for non-sewered
	mandates?	sanitation exists
	N.1.3 Legislation /	1: Legislation and regulatory
	<b>Regulation:</b> Are there	mechanisms are comprehensive, in
	national and/or local	place and widely publicised
	legislation and	0.5:Legislation and regulatory
	regulatory mechanisms	mechanisms are comprehensive and
	• •	
	for non-sewered	in place, but not widely publicised
	sanitation, backed by	
	any necessary	0: Legislation and regulatory
	complementary codes,	mechanisms are inadequate or do
	specifications, schedules	not exist
	etc.?	1. Comico lovale and torrate are
		1: Service levels and targets are
	N.1.4 Targets: Are	clearly specified and officially
	service levels and	adopted
	targets for non-sewered	0.5: Service levels are specified, but
	-	targets not stated, or not officially
	sanitation specified in	-
	sanitation specified in current approved plans?	adopted
		adopted 0: No reference to service levels or
Planning		adopted 0: No reference to service levels or targets
Planning and		adopted O: No reference to service levels or targets 1: Annual and medium term budget
and	current approved plans?	adopted O: No reference to service levels or targets 1: Annual and medium term budget lines for non-sewered sanitation
•	current approved plans?	adopted 0: No reference to service levels or targets 1: Annual and medium term budget lines for non-sewered sanitation exist and include hardware and
and	current approved plans? N.1.5 Budget lines: Are there annual and	adopted 0: No reference to service levels or targets 1: Annual and medium term budget lines for non-sewered sanitation exist and include hardware and software
and	current approved plans? <b>N.1.5 Budget lines:</b> Are there annual and medium-term budget	adopted 0: No reference to service levels or targets 1: Annual and medium term budget lines for non-sewered sanitation exist and include hardware and software 0.5: Annual and medium term
and	current approved plans? <b>N.1.5 Budget lines:</b> Are there annual and medium-term budget lines for non-sewered	adopted 0: No reference to service levels or targets 1: Annual and medium term budget lines for non-sewered sanitation exist and include hardware and software 0.5: Annual and medium term budget lines are unclear, poorly
and	current approved plans? <b>N.1.5 Budget lines:</b> Are there annual and medium-term budget lines for non-sewered sanitation, including	adopted 0: No reference to service levels or targets 1: Annual and medium term budget lines for non-sewered sanitation exist and include hardware and software 0.5: Annual and medium term budget lines are unclear, poorly defined, or lack adequate software
and	current approved plans? <b>N.1.5 Budget lines:</b> Are there annual and medium-term budget lines for non-sewered sanitation, including both hardware and	adopted 0: No reference to service levels or targets 1: Annual and medium term budget lines for non-sewered sanitation exist and include hardware and software 0.5: Annual and medium term budget lines are unclear, poorly defined, or lack adequate software components
and	current approved plans? <b>N.1.5 Budget lines:</b> Are there annual and medium-term budget lines for non-sewered sanitation, including	adopted 0: No reference to service levels or targets 1: Annual and medium term budget lines for non-sewered sanitation exist and include hardware and software 0.5: Annual and medium term budget lines are unclear, poorly defined, or lack adequate software components 0: No budget lines for non-sewered
and	current approved plans? <b>N.1.5 Budget lines:</b> Are there annual and medium-term budget lines for non-sewered sanitation, including both hardware and	adopted 0: No reference to service levels or targets 1: Annual and medium term budget lines for non-sewered sanitation exist and include hardware and software 0.5: Annual and medium term budget lines are unclear, poorly defined, or lack adequate software components 0: No budget lines for non-sewered sanitation exist
and	current approved plans? <b>N.1.5 Budget lines:</b> Are there annual and medium-term budget lines for non-sewered sanitation, including both hardware and	adopted 0: No reference to service levels or targets 1: Annual and medium term budget lines for non-sewered sanitation exist and include hardware and software 0.5: Annual and medium term budget lines are unclear, poorly defined, or lack adequate software components 0: No budget lines for non-sewered
and budgeting	current approved plans? <b>N.1.5 Budget lines:</b> Are there annual and medium-term budget lines for non-sewered sanitation, including both hardware and software?	adopted 0: No reference to service levels or targets 1: Annual and medium term budget lines for non-sewered sanitation exist and include hardware and software 0.5: Annual and medium term budget lines are unclear, poorly defined, or lack adequate software components 0: No budget lines for non-sewered sanitation exist
and budgeting Inclusion	current approved plans?N.1.5 Budget lines: Are there annual and medium-term budget lines for non-sewered sanitation, including both hardware and software?1.6 Planning and	adopted 0: No reference to service levels or targets 1: Annual and medium term budget lines for non-sewered sanitation exist and include hardware and software 0.5: Annual and medium term budget lines are unclear, poorly defined, or lack adequate software components 0: No budget lines for non-sewered sanitation exist 1: Inclusion is explicitly considered
and budgeting Inclusion (Carried	current approved plans?         N.1.5 Budget lines: Are         there annual and         medium-term budget         lines for non-sewered         sanitation, including         both hardware and         software?         1.6 Planning and         budgeting: Does the	adopted 0: No reference to service levels or targets 1: Annual and medium term budget lines for non-sewered sanitation exist and include hardware and software 0.5: Annual and medium term budget lines are unclear, poorly defined, or lack adequate software components 0: No budget lines for non-sewered sanitation exist 1: Inclusion is explicitly considered in policy, and required in the
and budgeting Inclusion (Carried over from	current approved plans?         N.1.5 Budget lines: Are         there annual and         medium-term budget         lines for non-sewered         sanitation, including         both hardware and         software?         1.6 Planning and         budgeting: Does the         policy, planning and	adopted 0: No reference to service levels or targets 1: Annual and medium term budget lines for non-sewered sanitation exist and include hardware and software 0.5: Annual and medium term budget lines are unclear, poorly defined, or lack adequate software components 0: No budget lines for non-sewered sanitation exist 1: Inclusion is explicitly considered in policy, and required in the planning and budgeting process
and budgeting Inclusion (Carried	current approved plans?         N.1.5 Budget lines: Are         there annual and         medium-term budget         lines for non-sewered         sanitation, including         both hardware and         software?         1.6 Planning and         budgeting: Does the         policy, planning and         budgeting process	adopted 0: No reference to service levels or targets 1: Annual and medium term budget lines for non-sewered sanitation exist and include hardware and software 0.5: Annual and medium term budget lines are unclear, poorly defined, or lack adequate software components 0: No budget lines for non-sewered sanitation exist 1: Inclusion is explicitly considered in policy, and required in the planning and budgeting process 0.5: Inclusion is mentioned in policy,



	Funding	definition agreed with stakeholders? N.2.1 Investment plan: Is there an investment plan for non-sewered sanitation hardware and software, which includes all the components necessary to achieve service level targets (N.1.4) over the medium term? N.2.2 Adequate funding: Are annual funding allocations for non-sewered sanitation sufficient to achieve service level targets (N.1.4) and are they used as planned? N.2.3 Coordination: Are	<ul> <li>0: There are no inclusion criteria in policy, planning and budgeting process</li> <li>1: There is an investment plan, which includes all the components necessary to meet targets over the medium term</li> <li>0:5 There is an investment plan, which includes some (~50%) of the components necessary to meet targets over the medium term</li> <li>0: There is no investment plan, or one that is totally inadequate to meet targets over the medium term</li> <li>1: Funding allocations are sufficient and used as planned</li> <li>0:5: Funding allocations are totally inadequate or not used as planned</li> <li>1: Mechanisms exist and are they</li> </ul>
Delivering: Capacity and financing		there effective mechanisms for coordination of non-	effective at coordinating investments 0.5 There are some partially
mechanisms to develop improved services		sewered sanitation investments between donors; donors and government; and within government?	functional mechanisms 0: Mechanisms do not exist, or exist on paper only and are ineffective
		N.2.4 Institutional capacity: Is responsibility for	1: The mandated institutions are fully established and appropriately structured
		delivery of non-sewered sanitation services mandated to fully	0.5: The mandated institutions are not fully established or appropriately structured
	Conscitu	established and appropriately structured institutions?	0: There are no mandated institutions, or they are very weak.
	Capacity and outreach	<b>N.2.5 Staffing:</b> Do the mandated institutions have adequate levels of qualified staff to carry out their mandates?	<ul> <li>1: The institutions have adequate levels of qualified staff to carry out their mandates</li> <li>0.5: The institutions have some qualified staff, but not at adequate levels to carry out their mandates</li> <li>0: There are no mandated institutions, or they have wholly inadequate staffing levels</li> </ul>
		<b>N.2.6 Outreach:</b> Are there active promotion	1: There are systematic programmes promoting safe non-



		programmes for safe	sewered sanitation, behaviour
		non-sewered sanitation,	change and community engagement
		behaviour change and	
		community	0.5: Some outreach activities are
		engagement?	being carried out on an ad-hoc basis
		engagement	0: No outreach activities are being
			implemented
			1: There are suitable options
		2.7 Technology: Are	available to address the needs of
		there affordable,	most poor and vulnerable people
		appropriate, safe and	0.5: There are options that address
		adaptable technologies	the needs of some poor and
		available to meet the	vulnerable people, but they are not
		needs of poor and	sufficient or complete
		vulnerable people,	0: Options available to meet the
		according to the agreed	sanitation needs of poor and
	Inclusion	definition?	vulnerable people are grossly
	(Carried		inadequate
	over from	2.8 Funding: Are there	1: There are funds, plans and
	left)	specific funding	mechanisms to meet the needs of
		mechanisms to support	most people, including the poor and
		appropriate, safe and	vulnerable
		adaptable sanitation	0.5: There are funds, plans and
		services to all users,	mechanisms to meet the needs of
		including poor and	some poor and vulnerable people
		vulnerable people,	0: There are few or almost no
		according to the agreed	funds, plans and mechanisms to
		definition.	support poor and vulnerable people
		N.3.1 Cost recovery:	1: Full operating costs covered and
		Can non-sewered	reasonable profits generated
		sanitation service	0.5: Operating costs partially
		providers cover their full	covered, with minimal profits or
		operating costs and	service quality compromised
		make reasonable profits	O. Comission and ideas and such
		from user fees and/or	0: Service providers are sub-
		local revenue or	standard or very few, because
		transfers?	operating costs cannot be covered
			1: There are adequately staffed
	Degulation	N.3.2 Monitoring: Are	institutions which monitor
Operating and	Regulation	there adequately	performance, health and
sustaining	and cost	staffed institutions	environmental standards
	recovery	which monitor	0.5: There are institutions which
		performance, health	partially monitor performance,
		and environmental	health and environmental standards
		standards for non-	0: There is no institution which
		sewered sanitation?	monitors performance, health and
			environmental standards
		N.3.3 Enforcement: Are	1: Performance standards exist, are
		failures to meet non-	monitored and sanctions applied
		sewered sanitation	0.5: Performance standards exist
		performance standards	and are monitored, but no sanctions
		systematically	applied
	-		

		monitored and	
		monitored and sanctions applied where relevant?	0: Performance standards (if they exist) are not monitored
		<b>N.3.4 Staffing:</b> Do the institutions responsible for non-sewered sanitation have sufficient qualified staff to undertake adaptive planning and implementation for	<ol> <li>The entities have sufficient qualified staff for adaptive planning of non-sewered sanitation services expansion</li> <li>The entities have insufficient staff for adaptive planning of non- sewered sanitation services expansion</li> <li>The entities have inadequate staff and are unable to undertake</li> </ol>
		service expansion?	adaptive planning for non-sewered sanitation services 1: The entities have staff
		N.3.5 Staff development: Do the institutions responsible	development programmes and incentives to retain workers.
		for non-sewered sanitation have active staff development	0.5: The entities have either staff development programmes or incentives to retain workers, but not both.
	Institutions and service	programmes and incentives to retain workers?	0: There are no staff development programmes or incentives to retain workers
	providers	N.3.6 Health and Safety: Is the health	1 The health and safety of non- sewered sanitation workers is adequately protected and monitored.
		and safety of non- sewered sanitation workers adequately protected and	0.5: The health and safety of non- sewered sanitation workers is partly protected and monitored.
		monitored?	0: The health and safety of non- sewered sanitation workers is not protected or monitored.
		N.3.7 Private sector capacity-building: Are there on-going	1: Private service providers are organised and capacity-building is being implemented according to an agreed plan
		programmes and measures to build the capacity of private sector service providers	0.5: Private service providers are not well organised, and limited capacity-building is implemented on an ad-hoc basis
		to deliver non-sewered sanitation services?	0: Private service providers are organised poorly or not at all, and no capacity-building is carried out
	Inclusion	3.8 Growth: Are	1: Sanitation services are expanding
	(Carried	sanitation services	significantly faster than population,
	over from	keeping pace with	and the number of people with
	left)	population growth?	unsafe sanitation is decreasing

	<ul> <li>0.5: Sanitation services are more or less keeping pace with population growth</li> <li>0: Population is growing significantly faster than sanitation services, and the number of people with unsafe sanitation is increasing</li> </ul>
<b>3.9 Planning from</b> <b>evidence:</b> Is sanitation data routinely collected, including from poor and vulnerable people, according the definition, and used for planning services?	<ol> <li>Sanitation data is routinely collected citywide and used for planning services</li> <li>Sanitation data is collected on an ad-hoc basis with incomplete spatial coverage or not used for planning</li> <li>Sanitation monitoring data is</li> </ol>
<b>3.10 Outcomes:</b> Do the city's sanitation systems ACTUALLY provide safe sanitation services for all users, including poor and vulnerable people, according to the agreed definition?	rarely collected 1: Safe sanitation services are affordable and available to all users, including poor and vulnerable people. 0.5: Safe sanitation services are available to about half of poor and vulnerable people 0: Safe sanitation services are not available to many poor and vulnerable people, or this is not



	To centralised combined sowor	To centralised foul/separate sewer	To decentralised combined sewer	To decentralised foul/separate sewer	To soak pit	To open drain or storm sewer		To open ground	To 'don't know where'	No outlet or overflow
No onsito contoinor	Typo Hore 3	Type Hore 🛪	Type Here %	Туро Ного 🕱	High Risk 3	Typo Horo 🕱	Туре Ного 🕱	Type Here %	Туро Ного 🕱	Not Applicable
					Low Risk 3	r				
Septic tank	Type Hore 12	Туре Неге 🕱	Туро Него 🕱	Түрө Неге 🕱	High Risk 1	Туре Неге Ж	Type Here %	Туре Неге 🕱	Туре Неге 🕱	
					Low Risk 3	r				
Fully lined tank (sealed)	Type Here %	Type Here %	Type Here %	Туро Ного 🕱	High Risk 3	Type Here X	Type Here %	Туро Ного %	Туре Неге %	Type Here 3
					Low Risk 3	¢.				
Lined tank with impermeable walls and open bottom	High Risk X	High Risk X	High Rick 3	High Risk X	High Risk 3	Typo Horo 🕱	Туро Ного 🕱	Type Here 🕱	Туре Ноге 🕱	High Risk 3
	Low Risk 1	Low Risk g	Low Risk 2	Low Risk g	Low Risk 3	¢				Low Risk 3
Lined pit with somi- permeable walls and open					Not Applicable		5			High Risk 3
bottom										Low Risk 3

#### Annexure: Shit Flow Diagram Matrix

Unlined pit										High Risk	*
										Low Risk	*
Pit (all types), never emptied but abandoned when full and										High Risk	×
covered with soil										Low Risk	*
Pit (all types), never emptied but abandoned when full and NOT adequately covered with soil										Type Here	%
Toilet failed, damaged, collapsed or flooded	Type Here %	Type Here %	Type Here %	Type Here %	Type Here %	Type Here %	Type Here %	Type Here %	Type Here %	Type Here	%
Containment (septic tank or tank or pit latrine) failed, damaged, collapsed or floodedare	Type Here %	Type Here %	Type Here %	Type Here %	Type Here %	Type Here %	Type Here %	Type Here %	Type Here %	Type Here	
Open defecation	Not Applicable						Type Here %	Type Here %	Type Here %	Not Applicat	ole