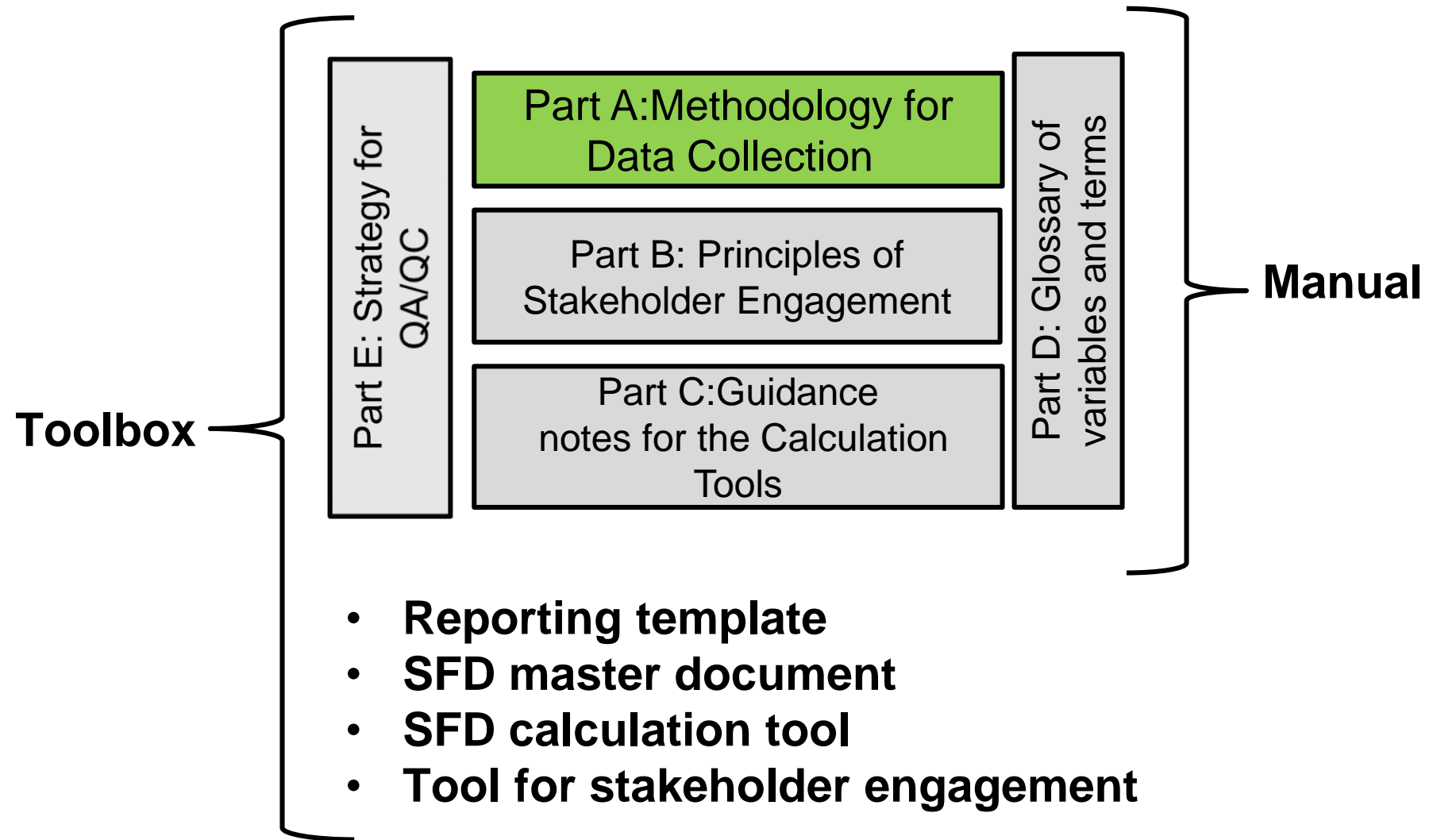


Methodology for Data Collection



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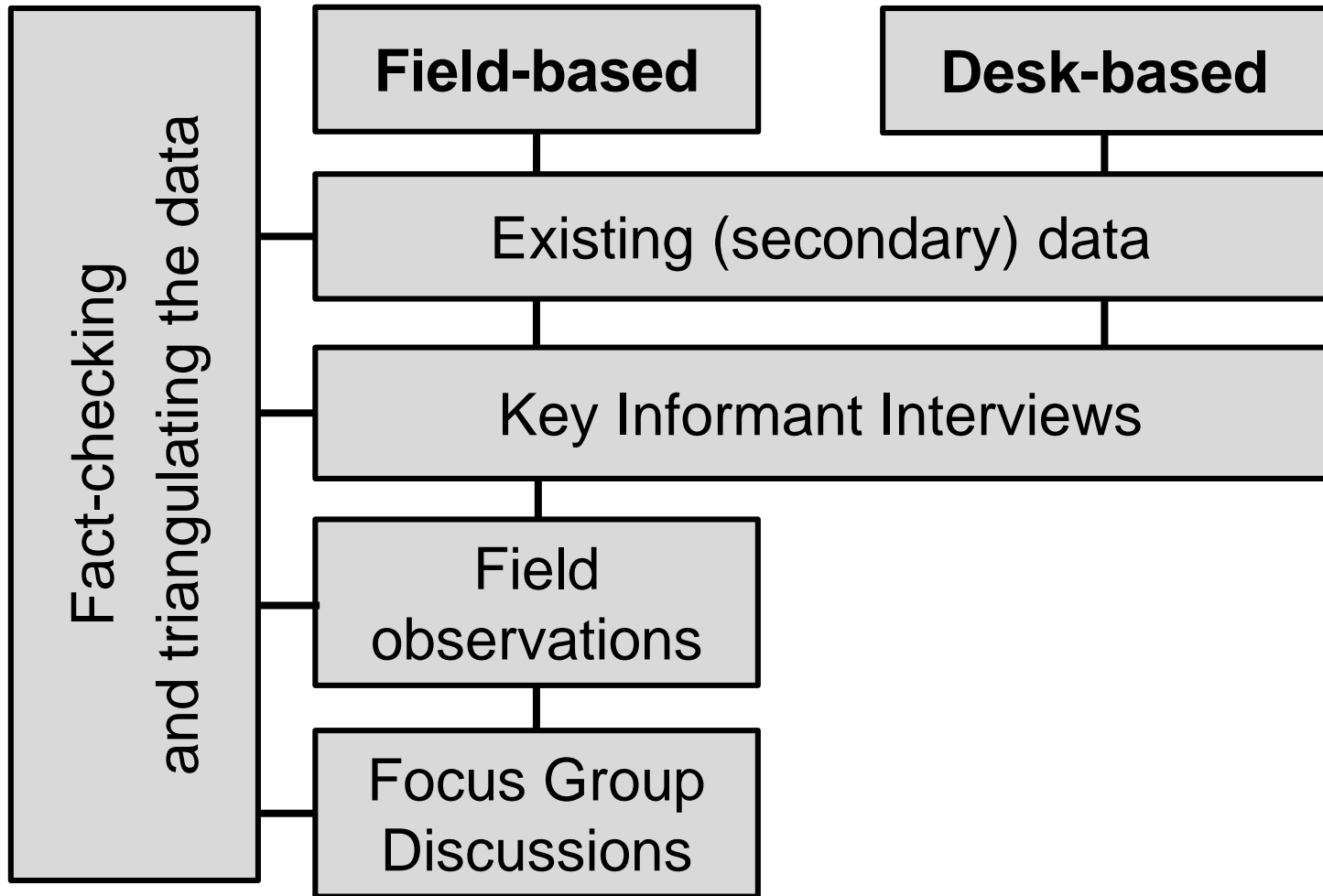


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Enabling environment to service delivery	Containment	Emptying	Transport	Treatment	End-use/ disposal	Possible sources of information	Desk-based: Context Description	Field-based: Context Analysis
Policy, legislation and regulation	Policy: To what extent is sanitation included in appropriate, acknowledged and available policy documents (National/Local or both)?					Policy documentation	✓	✓
	Institutional roles: To what extent are the institutional roles and responsibilities for sanitation service delivery clearly defined and operationalized?					Policy / strategy documents Existing reports KIs with lead institutions	✓	✓
	Service provision: To what extent does the policy, legislative and regulatory framework enable investment and involvement in sanitation services by appropriate service providers (public or private)?					Policy / strategy documents Existing reports KIs with public and private institutions	✓	✓
	Standards: To what extent are norms and standards for each part of the sanitation service chain systematically monitored and reported?					Existing reports KIs with lead institutions	✓	✓
Planning	Targets: To what extent are there service targets for (each part of) the sanitation service chain in the city development plan, or a national development plan that is being adopted at the city level?					City/national development plans KIs with city authorities	x	✓
	Investment: How much was invested in sanitation services in the last investment plan and how much has been incorporated into the next approved investment plan? What has been achieved as a result of the last level of investment (including investing in human resources, Technical Assistance, etc. as well as infrastructure)?					City investment plans Investment plans of donors, private sector, etc. KIs with lead institutions	x	✓
Equity	Choice: To what extent is there a range of affordable, appropriate, safe and adaptable technologies for sanitation services available to meet the needs of the urban poor?					KIs with lead institutions Observations	x	✓

Enabling environment to service delivery	Containment	Emptying	Transport	Treatment	End-use/ disposal	Possible sources of information	Desk-based: Context Description	Field-based: Context Analysis
	Reducing inequity: To what extent are there plans and measures to ensure sanitation serves all users, and specifically the urban poor?					City authority reports KIIs with lead institutions	x	✓
Outputs	Quantity / capacity: To what extent is the capacity of each part of the sanitation value chain growing at the pace required to ensure access to sanitation meets the needs/demands and targets that protects public and environmental health?					Studies / reports KIIs with lead institutions	x	✓
	Quality: To what extent are the procedures and processes for monitoring and reporting access to sanitation services applied, to ensure safe and functioning facilities and services through the service chain?					City authority reports KIIs with lead institutions FGDs	x	✓
Expansion	Demand: To what extent has government (national or local) developed any policies and procedures, or planned and undertaken programs to stimulate demand of sanitation services and behaviours by households?					KIIs with lead institutions	x	✓
	Sector development: To what extent does the government have ongoing programs and measures to strengthen the role of service providers (public or private) in the provision of sanitation services, in urban or peri-urban areas?					KIIs with lead institutions	x	✓
Service outcomes	Quantity: To what extent is the percentage of total excreta generated by the city (from onsite and offsite sanitation technologies) managed within each part of the service chain? <i>(This information generates the SFD. Refer to Annex B and accompanying documents for details)</i>					Policy documentation Reports KIIs with lead institutions Observation	✓	✓
		Equity: To what extent do the city's sanitation technologies serve low-income communities? (Emptying and Transport services only)				Reports KIIs with lead institutions FGDs Observation	x	✓

	System type	Containment	Emptying	Transport	Treatment	End-use/disposal	Possible sources of information
System technologies and methods used in the city	Wastewater direct to sewer (centralised)	What technologies are used to connect the population to centralised sewers?	-	What methods are used to transport the wastewater?	What methods are used to treat the wastewater?	What methods are used for end-use/disposal of the wastewater?	Municipal, utility or private local service provider records
	Wastewater direct to sewer (decentralised)	What technologies are used to connect the population to decentralised sewers?	-	What methods are used to transport the wastewater?	What methods are used to treat the wastewater?	What methods are used for end-use/disposal of the wastewater?	Interviews with city authorities and local government departments
	Contained onsite	What technologies are used that contain excreta onsite?	What methods are used to empty the faecal sludge from these technologies?	What methods are used to transport the faecal sludge emptied from these technologies?	What methods are used to treat the faecal sludge?	What methods are used for end-use/disposal of the faecal sludge?	FGDs (community representatives and/or service providers)
	Not contained onsite	What technologies are used where excreta is not contained onsite?	What methods are used to empty the faecal sludge from these technologies?	What methods are used to transport the faecal sludge emptied from these onsite technologies?	What methods are used to treat the faecal sludge?	What methods are used for end-use/disposal of the faecal sludge?	Observation Documented studies

	System type	Containment	Emptying	Transport	Treatment	End-use/disposal	Possible sources of information
Percentage of the population using each system technology and method	Wastewater direct to sewer (centralised)	What percentage of the population are using technologies that connect directly to centralised sewers?	What percentage of this population are actually connected to and served by centralised sewers?	What percentage of the population served by centralised sewers has their wastewater reaching treatment facilities?	What percentage of the population served by centralised sewers has their wastewater treated?	<p>What percentage of the population served by centralised sewers has their wastewater disposed with/out treatment?</p> <p>What percentage of the transported wastewater has a further end-use?</p>	<p>Municipal or utility records</p> <p>Observation</p>
	Wastewater direct to sewer (decentralised)	What percentage of the population are using technologies that connect directly to decentralised sewers?	What percentage of this population are actually connected to and served by decentralised sewers?	What percentage of the population served by decentralised sewers has their wastewater reaching treatment facilities?	What percentage of the population served by decentralised sewers has their wastewater treated?	<p>What percentage of the population served by decentralised sewers has their wastewater disposed with/out treatment?</p> <p>What percentage of the transported wastewater has a further end-use?</p>	<p>Documented studies</p>
	Contained onsite	What percentage of the population are using onsite sanitation technologies that contain excreta on site?	What percentage of this population have their onsite sanitation technology emptied?	What percentage of the emptied faecal sludge is transported to a treatment plant?	What percentage of the transported faecal sludge is treated?	<p>What percentage of the transported faecal sludge is disposed with/out treatment?</p> <p>What percentage of the transported faecal sludge has a further end-use?</p>	<p>Interviews with service providers</p> <p>FGDs (community representatives and/or service providers)</p>
	Not contained onsite	What percentage of the population are using onsite sanitation technologies that do not contain excreta on site?	What percentage of this population have their onsite sanitation technology emptied?	What percentage of the emptied faecal sludge is transported away?	What percentage of the transported faecal sludge is treated?	<p>What percentage of the transported faecal sludge is disposed with/out treatment?</p> <p>What percentage of the transported faecal sludge has a further end-use?</p>	<p>Municipal records</p> <p>Observation</p>
	Open defecation	What percentage of the population is practising open defecation?	-	-	-	-	<p>-</p>

Thank you!

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