

Supplementary Table 1. Thematic distribution of codes and selection

Thematic Areas	Categories	Sub-categories	Codes	Responses			
				FGD			KII
				Landlord/ homeowners	Tenants	CBO leaders	
<i>Perceptions of current sewerage facilities</i>	Current sewerage system of Dhaka city	Current sanitation facilities	shared toilet	✓	✓	✓	×
			narrow lane	✓	✓	✓	✓
			narrow connecting pipes	✓	✓	×	✓
			no water supply facility inside the toilet	✓	✓	✓	×
	Opportunities	Where faecal matters finally discharged?	NGO provided toilets	✓	✓	✓	×
			storm drainage	✓	✓	✓	✓
	Perception regarding sewerage system	Common problems	septic tanks	×	✓	×	×
			pipe blockage	✓	✓	×	✓
			pipe leakage	✓	✓	×	×
			Waterlogging	✓	✓	×	✓
			frequent overflow	×	✓	✓	×
			bad odor	✓	✓	×	×
			Cholera	✓	✓	×	×
			skin disease	×	✓	×	×
			the government	✓	✓	✓	×
			DWASA	✓	✓	✓	✓
Who is responsible?	Who is responsible?	NGOs	✓	✓	✓	✓	
		Landlords	×	✓	✓	×	
		a portion of total installation cost	✓	×	✓	×	
<i>Affordability of having</i>	Willingness to have sewerage connection	Willingness to connect	financial support for toilet improvement	✓	×	✓	✓

<i>sewerage connection</i>	Willingness to pay	household type/size based service charges	×	✓	✓	✓		
		area-based subsidies	×	✓	✓	×		
		income-based subsidies	✓	✓	✓	×		
	Co-production	GO/NGO's responsibility	government permission	✓	✓	✓	×	
			negotiate with the authority	×	✓	✓	×	
		Landlord/homeowners/community leaders responsibility	ensure sewerage facilities	×	✓	✓	×	
			regular monitoring	✓	×	✓	✓	
	Recommendation	To implementing authority	pay the tariffs	×	✓	×	×	
			widen the roads	×	×	✓	✓	
		preferred payment methods	wider sewerage pipes	✓	×	✓	✓	
			monthly bills	✓	✓	✓	✓	
			one-time payment	✓	×	✓	×	
equated monthly instalments (EMI)			✓	×	✓	×		
cash vouchers	✓	×	✓	×				
<i>Challenges and opportunities of connecting LICs to a sewerage network</i>	Proposed policy	Plan for sewerage connection installation	force to connect (for the houses within 100 meters of proposed trunk main)	×	×	×	✓	
		Plan for tariffs	subsidized/reduced tariffs	×	✓	✓	✓	
	Strategies	Possible strategies	Sewerage network on government's cost	✓	✓	✓	✓	
			improve existing toilets	✓	✓	✓	✓	
			subsidised service charges	✓	✓	×	✓	
		Other feasible strategies	providing loans	✓	×	×	✓	
			on-site sanitation	✓	×	×	✓	
			communal tank	×	×	×	✓	
	Barriers of being	Problem issues	Major risks	separating industrial waste lines	×	×	×	✓
				growing populations	×	×	×	✓
high-rise buildings				×	×	×	✓	

<i>connected with the sewerage network</i>		Major challenges	narrow roads	✓	✓	✓	✓
			overlapping of various utility connections	×	×	×	✓
			20% coverage	×	×	×	✓
			old sewerage network	✓	×	×	✓
<i>Perceived benefits of sewer connection</i>	Perceived benefits	environmental benefits	Safe disposal	✓	✓	✓	✓
			no bad odour	✓	✓	✓	×
			no clogged drain	✓	×	✓	✓
			safe drinking water	✓	✓	✓	×
			no contact with wastewater	✓	✓	×	×
		health benefits	no overflow	✓	✓	×	×
			no contact with pathogens	✓	✓	×	×
			no contamination	✓	✓	✓	✓
			no mosquitoes and flies	✓	✓	×	×
			no breathing problems	✓	✓	✓	×
			no skin diseases	✓	✓	×	×

**Ticks and crosses beside the codes indicating that which codes were frequently mentioned by which groups of the particip.

