



## D9.1 Assessment Checklist



	Direct observations	Review of official documents	Community mapping	Launching workshop (Step 2)	Community meeting (Step 2)	Interview with local leaders	Interview with sector agencies	Household visits
1. Baseline Technical Information								
What are the boundaries of the project area?				Х	Х			
What is the population of the town?				Х		Х		
How many households?				Х		Х		
How many woman-head / man-head households?				Х		Х		
What is the approximate population growth (or						Х		
decline) rate?								
Are there population fluctuations during the year?						Х		
What is the population density?	Х					Х		
What are the lot sizes?	Х							
Is the housing single or multiple stories?	Х							
Who owns the land?						Х		Х
Who owns the houses?						Х		Х
Is there a large population of renters?						Х		Х
Is space available for central solid waste collection?	Х					Х		
Is space available for central wastewater collection	Х					Х		
and treatment?								
What is the predominant soil type?		Х						
What is the topography of the project area?	Х							
Where are the natural drainage paths?	Х		Х					Х
Are the houses accessible for larger vehicles?								
Are there any agricultural activities in or around the	Х		Х			Х		
project area?								
What is the level of education of the household								х
head?								
2. Water supply and water availability								
What are available water sources?					Х		Х	
Are the water sources protected?	Χ						Х	
Are the water sources contaminated?					Х		Х	Х
What is the nature of the water supply system?					Х	Х		Х
Is water available 7 days a week, 24h a day?								Х
Does the level of service vary during the year?								Х
Is there an improvement or decline in level of water								Х
supply over the past few years?								
What is the average water consumption and the							Х	Х
range?						V	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	
Are there plans in the project area to improve water supply?						Х	Х	
ouppiy:			-				-	
			-	-			-	
3. Sanitation and greywater system and practices								
How do households currently manage their excreta?	Х	-			Х		<del>                                     </del>	Х
Are toilets connected to a septic tank?	X		<del>                                     </del>		X		<del>                                     </del>	X
Are there current approaches or do they differ	X						х	X
depending on economic conditions of the household?	^						^	^
Do people have specific preferences regarding toilet						х		Х
placement (in the house, in the backyard)?						_ ^		_^_
What are the factors (cost, convenience, health,					Х			х
cleanliness, odors) that are most important to the					_ ^			^
households?								
What are the most common anal cleansing								х

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materials? How are these disposed of?								
What is the level of satisfaction of households with their current toilet system?					Х			x
What do households do when their toilet/septic tank is full?						х		х
What is the reason for that choice (costs, lack of alternatives)?								х
How do households currently manage their greywater?	х					х		х
Is greywater management perceived as a problem by the households?					х			х
Is there an existing water-born sewerage system? Is there any form of sewage treatment? If so, is the						X	х	Х
treatment system working effectively?  Who is in charge of maintaining the sewerage system?						х	х	х
If there is no sewerage system: where is the greywater and wastewater going?	х					х		х
What is the level of satisfaction of households with the wastewater/greywater disposal system?					х			х
4. Drainage								
What kind of drainage system is installed in the village (covered, open, earth, concrete, sewer)?	Х				Х			Х
Where does drainage water exit the village?	Х		Х			Х		Х
What is the present status of drainage facilities? What are the main problems related to stormwater drainage?	Х		х		X	X		х
How often are floods occurring in the project area?  Where are floods occurring within the project area?			х		х	х	х	х
How high is the water level during flooding?  What are average annual damages in USD due to floods?						x		x x
Who covers these costs? Is wastewater channeled into the rainwater drainage?	х					X X		х
What is the level of satisfaction of households with the drainage system?					х	X		х
Who is responsible for maintenance of drainage? How is this maintenance work financed?				х		X X	X X	X X
5. Solid waste management								+
How do households currently manage their solid waste?	х				х	х		х
Is solid waste disposed of in the project area?	Х		X			Х		х
What is the scale of open dumping and littering of solid waste?	Х		х					
Is solid waste collected by (private) companies?  How much do households pay for solid waste collection?					х	X	X	X
How many times per week is solid waste collected?  Are parts of the solid waste recycled or reused?						X X	х	X
And parts of the solid waste recycled of reused?	L	1	<u> </u>	L	<u> </u>	_^	<b></b>	^

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Percentage of solid waste that is separated into							х	Х
different types (plastic, paper, glass etc.)  Do households generate income from solid waste								
recycling?								Х
Are there any composting schemes in the project area?	х		х			х	х	х
Would there be enough space for a composting scheme?	х							
What is the level of satisfaction of the households	х		х		х			Х
with the current solid waste management system?								
6. Health and hygiene practices								
What do people feel is the most important health issue in the community?		х				Х		х
What is the mortality rate of children under five years of age?		х				Х	х	
What is the diarrheal disease rate of children under five?		х					х	
Is there an existing health/hygiene promotion effort within the district/town?		х				х	х	
If so: who leads this effort: local health promoters, NGOs?		х				х	х	
Is there an existing household sanitation inspection		х				х	х	
programme? If so, who is responsible?  Is drinking water treated at the source or at the point of use?	х						х	х
How is drinking water stored at the home?	х							Х
Is there evidence of fecal contamination outside	Х	х						Х
and/or inside the house?								
Where do infants/young children defecate? What happens with the excreta?								Х
How close are hand-washing facilities to the bathroom/latrine?	х							х
7. Environment	V	· ·						
Is the existing wastewater management system contributing to the pollution of local surface waterways or underground aquifers?	X	Х					х	
Is sewage (sludge from on-site sanitation) being transported and dumped untreated into local water bodies or onto land?	х	х	х				x	х
Are there other existing sources of water pollution?	х	х				х		Х
Is there a local industry within the town that produces wastewater and solid waste?	х	Х				х		
If so: how is wastewater and solid waste of these local industries being managed?	х	х				х		х
Note: This part of the checklist refers to the "enabling environment"								
8. Institutional questions								
What institutions have the legal responsibility for managing different types of environmental sanitation systems?		x		х			х	

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How is this legal responsibility implemented?				х			х	
Are there any public or private sector institutions that are responsible for different aspects of environmental sanitation (funding, hygiene education, on-site inspections, operation and maintenance)?				х			х	
What is the role of the local authority in environmental sanitation management?				Х		Х		
Are there administrative committees or service cooperatives within the project area composed of community representatives in the field of UESS?				х		х		
Is the private sector involved in sanitation?				Х	Х	Х		
If so, how (e.g. involved in emptying septic system, building latrines etc.)?						Х		
Are there any specific skills available (e.g. construction companies, architects, social workers, financial experts) in the project area that might be interested to actively participate in the project?				x	x	х		
9. Financial questions								
What financial mechanisms are available to support operation and maintenance of UESS? Do local authorities have the authority to impose user fees and charges?		х				х	х	х
Are general revenues available to finance O&M?		Х				Х	Х	
Is there a billing and collection system for the different environmental sanitation systems in place?		Х				х	х	
Are there any services where recovery of operating expenditures is already occurring, e.g. solid waste, water supply?		х				х	х	
What are potential sources of investment capital for UES project?		Х		Х			х	
Are local commercial banks a potential source of financing?		х				х	Х	х
Are there any micro-credit organization that might serve the project area?		х					х	
What are the local policies regarding tariffs?	-	Х				Х	Х	
What is current spending for recurrent costs (e.g. emptying of septic tanks, solid waste collection etc.) as a percentage of income for households?								х
What would households be willing to pay for improved services?								х
Would households consider borrowing for better services?								Х
10. Legislation, national strategies and policies								
What are the regulations that govern sanitation (toilets, wastewater discharge, wastewater treatment)?		х		х			x	
What are the regulations that govern solid waste management?		Х		х			х	
Are there any building or health codes that might influence the range of suitable UESS options?		х					х	
What are national strategies and policies that might affect the project design and implementation?		х		х			х	

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11. Gender and Special Needs Issues								
Who is responsible for collecting water (men,	Х		Х		Х	х		Х
women, children)?  How much time per day is spent collecting water?	.,							
Are there gender appropriate sanitation facilities?	X		X		X	.,	.,	X
Are pregnant and menstruating women permitted to	X		Х		Х	X	Х	X
use the same toilet as men?	Х					Х		Х
Who carries responsibility for the management of the family's (household) sanitation?	Х				Х			Х
Who has the responsibility for the management of community-based infrastructure?	Х		Х		х	Х	Х	
Who is in charge of cleaning toilets?	Х		Х					Х
Do the sanitation facilities ensure privacy?	Х		Х					Х
Are women and girls' security guaranteed when using the toilet?	Х		Х			Х		х
Is it a taboo to be seen entering or leaving the toilet?						Х		Х
To avoid being seen, do users wait until night to relieve themselves?	Х					Х		Х
Can men, women and children use the same toilet?	Х		Х			Х		Х
Are men and women willing to contribute (cash or labour) for improved services?				Х	х	Х	х	Х
Which modes of participation do men and women favour (e.g. O&M tasks, in-kind labour, financial contribution)?		Х		Х	Х	Х	Х	Х
Are there organized women's groups or examples of women taking an active role in community organisation?	Х	Х		Х	Х	Х	Х	
Who is responsible for clean and hygienic environments at neighbourhood level?	Х			Х	Х	Х	Х	
Are there distinctions in responsibilities based on gender, ethnicity or economic strata?	Х	Х		Х	Х	Х		Х