

# Innovating Urban Sanitation

## (Participant Survey)

June 2014

Responder ID: 

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Community Name: \_\_\_\_\_

Neighborhood name: \_\_\_\_\_

City and Ward: \_\_\_\_\_

### Read the Consent form to the participants

1. Are you willing to complete this interview and participate in this study?  
[ 0 ] No (*Enumerator: Thank you for your time! Terminate the interview.*)

[ 1 ] Yes      Signature: \_\_\_\_\_

2. Name of enumerator : \_\_\_\_\_

3. QC and Editing Done? :      [ 1 ] Yes      [ 0 ] No

4. Date (DD/MM/YY) : \_\_\_\_\_

5. Notes:

5. Notes:	
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## Section – A: RTI Toilet Technology

We just saw the toilet product. It is still in conceptual stage but please imagine that you would be actually using it. Do you have any question for me or want me to explain anything about the video? **(Please explain briefly, answer few questions)**

I am going to read some toilet features now. Please select one of the two given options that you prefer. There is no right or wrong answer because it is your personal choice but you must select one of the two options. **(Read each row and the two choices; select one).** After selecting the feature you prefer, please tell me how important that feature is to you. You can rate: (1) Not important at all; I don't care; (2) Good but not necessary; (3) Useful feature; (4) Very important. **(Read rating scale. The read each feature one by one and circle one)**

SN	Feature	A1. Select one of the two options	
1	Location	[ 1 ] Toilet in home [ 2 ] Public toilet	
2	Sitting Position	[ 1 ] Squat down [ 2 ] Commode (chair)	
3	Flush type	[ 1 ] Automatic Flush [ 2 ] Pour / Manual flush	
4	Flush Pedal	[ 1 ] Hand operated lever [ 2 ] Foot operated Pedal	
5	Elevation	[ 1 ] Elevated with stairs [ 2 ] On ground level	
6	Handwashing facility	[ 1 ] Inside the toilet [ 2 ] Outside toilet	
	Special Urinal for Men inside toilet	[ 1 ] Available inside toilet [ 2 ] Not available at all	
7	Water reuse for flushing	[ 1 ] treated waste water [ 2 ] fresh municipal water	
8	Water reuse for anal cleaning	[ 1 ] treated waste water [ 2 ] fresh municipal water	
9	Water reuse for hand washing	[ 1 ] treated waste water [ 2 ] fresh municipal water	
10	Menstrual hygiene	[ 1 ] Disposal bin facility in toilet [ 2 ] No disposal in toilet	

## Section – B: Sanitation

**Now lets talk about the toilet facilities you have or use.**

SN		A. Adult Males	B. Adult Females
B1.	What is the main facility used for defecation? (1) Own/ Private toilet (2) Own/ Private toilet (3) Public / community toilet (4) Work toilet (5) Designated / usual / fixed Open space (6) Anywhere in Open	1 2 3 4 5 6	1 2 3 4 5 6
B2.	How regularly is defecation done in open (not in any toilet)? (0) Never or rarely (1) Sometimes (2) regularly	0 1 2	0 1 2

B3. Please let me know the number of urination and defecation events in a typical day for you. **(Record Number of events for each cell. Record 00 if no event)**

	A. In own / neighbor toilet	B. In Community / Public toilet	C. In Open
Urination Only			
Defecation			

B4. If you have any young children who go to defecation alone; please tell me where and how you dispose off / throw their feces?

- [ -8 ] Not applicable / No such child present
- [ 1 ] Thrown anywhere outside home
- [ 2 ] Thrown in sewer / garbage dump outside home
- [ 3 ] Washed down the bathroom / sink at home
- [ 4 ] Thrown any where outside home in any toilet
- [ 5 ] Feed to animals

B4. Do you have a private/own toilet in / near your home?

- [ 0 ] No (**Go to B7**)  
 [ 1 ] Bad condition / dilapidated (not usable)  
 [ 2 ] Yes, Under construction  
 [ 3 ] Yes, fully constructed

B5. How much money did you spend on building the toilet?

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**Rupees**

B6. Did you receive any materials/ payment for the toilet construction from government, NGOs, municipality, or others donors?

- [ 0 ] No  
 [ 1 ] Yes [ -9 ] Don't know

B7. Do you have access to any public or community toilet in your neighborhood / community / slum?

- [ 0 ] No (**Go to B12**)  
 [ 1 ] Yes

B7. Is the toilet only for the members of your community / neighborhood or is it a toilet in a public place for people to use (not only your community members)

- [ 1 ] Mainly for community members  
 [ 2 ] Multi-user toilet  
 [ -9 ] Not sure / don't know

B8. How far is the community toilet you use from your house?

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 (Minutes) one way walking

B9. Have you used the public or community toilet in your community? And how regularly?

- [ 0 ] No, we don't have public toilet  
 [ 1 ] No, public toilet is there but we don't use it  
 [ 2 ] Yes, we used it but occasionally as needed  
 [ 3 ] Yes, we use it regularly  
 [ -9 ] Don't know

B10. How much did your household spend (all members) in last 30 days in total (approximation accepted) on use or maintenance of toilets – for example, use fees, cleaning supplies, cleaning toilets, repairs to toilets, etc?

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 Rs.

B11. Please rate the following for the community toilet

SN		(1) Very bad / poor / not existent (2) Bad/Poor but tolerable (3) Indifferent (50-50) (4) Good but can be improved (5) Excellent (-9) Not applicable
1	Accessibility	1 2 3 4 5 -9
2	Privacy during use	1 2 3 4 5 -9
3	Cleanliness	1 2 3 4 5 -9
4	Smell	1 2 3 4 5 -9
5	Flushing system	1 2 3 4 5 -9
6	Availability of anal cleaning provisions	1 2 3 4 5 -9
7	Hand washing facility	1 2 3 4 5 -9
8	Attendant / caretaker	1 2 3 4 5 -9
9	Lighting	1 2 3 4 5 -9

B12. Suppose that a private NGO really wants all members of your family to use the public or community toilet (if you don't have your own toilet). The NGO is ready to improve the toilet the way you want it. If they agree to provide you such improved public toilets within next 6 months, then would you be willing to cost share a part of capital cost to build the toilet? The rest will be paid by the NGO provided you are willing to cost share some amount.

- [ 0 ] No (**Go to Section-C**)  
 [ 1 ] Yes  
 [ -8 ] Not Applicable (HH has own toilet) (**Go to Section-C**)

B13. How much would you be able to pay as one time stat up cost?

 Rs. 

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B14. We also need to charge the users of the public toilets a small fee to maintain the toilets and keep them clean. How much would you be willing to pay per month for your entire family?

 Rs 

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## **Section – C: Hygiene**

**Now we will talk about water, hand washing and cleanliness related issues.**

C1. Where do household members take bath? (**Read options. Circle one**)

- [ 0 ] No fixed facility / anywhere
- [ 1 ] Bathroom at home
- [ 2 ] Community or public bathroom
- [ 3 ] At work place
- [ 95 ] Other (specify \_\_\_\_\_)

C2. What type of hand washing facility do you have at home?

- [ 0 ] No dedicated facility
- [ 1 ] Use kitchen sink or bath room (*mori*)
- [ 2 ] Dedicated basin with tap
- [ 3 ] A storage vessel with dip cup
- [ 95 ] Other (Specify \_\_\_\_\_)
- [ -9 ] Don't know/Can't say

C3. What is your existing **main** source of water (any use)?

- [ 1 ] Tap in home / yard  
 [ 2 ] Stand post / public tap  
 [ 3 ] Tube Well Pump  
 [ 4 ] Private Hand pump  
 [ 5 ] Public hand pump  
 [ 6 ] Dug well  
 [ 7 ] River  
 [ 8 ] Lake  
 [ 9 ] Water tanker  
 [ 95 ] Other (Specify \_\_\_\_\_)

C4. How long does it take to walk (one way) to the above water source?

minutes (**Enter 00 if no time or at home**)  
 (-9) Don't know/not sure (-8) No response

C5. How much time every day is typically spent in collecting and storing water?

minutes  
 (-9) Don't know/not sure (-8) No response

C6. If you were to or if you do have a private toilet, then do you get /collect sufficient water for toilet use?

- [ 0 ] Not at all  
 [ 1 ] Yes, but limited  
 [ 2 ] Yes, adequate  
 [ -9 ] Don't know (-8) Not applicable

C7. Do you do anything **regularly / routinely** to the water to make it clean or good for drinking? What do you use mainly?

- [ 0 ] Nothing routinely or regularly  
 [ 1 ] Yes, boiling  
 [ 2 ] Yes, simple cloth / net filter  
 [ 3 ] Yes, candle, ceramic, sand, bio or drum filter  
 [ 4 ] Yes, use chemicals like chlorine  
 [ 5 ] Yes, Electrical / Advanced filter (aqua guard. RO)  
 [ -9 ] Don't know

## Section – D: Socio-economics and demographics

*In this last section of the questionnaire, we will ask a few questions about household members and facilities.*

D1. When did you move in this community?

Years and   Months

D2. How long do you plan to stay here?

Years and   Months

D3. What is your residence status in the state?

- [ 1 ] Native resident  
 [ 2 ] Migrant from other states but now resident  
 [ 3 ] Migrant from other states and not resident  
 [ 4 ] Temporary migration

D4. Household construction

- [ 1 ] Concrete / Bricks  
 [ 2 ] Stones and mud  
 [ 3 ] Tin sheet

D5. Number of rooms:

D6. Approximate area of house (sqft):

D7. Type of house ownership?

- [ 1 ] Rented  
 [ 2 ] Not owned but live rent free  
 [ 3 ] Owned

D8. How many household members are in the following age groups?

SN	Age	Male (Number)	Female (Number)
A	Less than 5 years	<input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/>
B	5-17 years	<input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/>
C	18-60 years	<input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/>
D	Above 60 years	<input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/>

**Please report the following for the head of the household – the person who is chief income earner in the home.**

D9. Age in years

D10. Sex: [ 1 ] Male [ 2 ] Female

D11. Level of education?

- [ 0 ] Illiterate
- [ 1 ] Literate but no formal schooling
- [ 2 ] Class/Standard 1 to 4
- [ 3 ] Class/Standard 5 to 9
- [ 4 ] Class/Standard 10
- [ 5 ] Class/Standard 12
- [ 6 ] Diploma course / Some college
- [ 7 ] College degree
- [ 8 ] Professional degree – Doctor, Engineer, Lawyer, MBA etc.

D12. Occupation of the head of the household

- [ 0 ] **Not doing any job**
- [ 1 ] Unskilled Laborer
- [ 2 ] Skilled Workers / Laborers
- [ 3 ] Petty traders
- [ 4 ] Shop Owners
- [ 5 ] Businessmen with No employees
- [ 6 ] Businessmen with 1-9 employees
- [ 7 ] Businessmen with 10+ employees
- [ 8 ] Self Employed professional
- [ 9 ] Clerical/Salesman
- [ 10 ] Supervisory Level
- [ 11 ] Officers/Executives-Junior
- [ 12 ] Officers/Executives-Mid/Senior

D5. What is the Caste of HH members?

- [ 1 ] General (Open)
- [ 2 ] OBC
- [ 3 ] SC/ST [ -9 ] Don't know

D6. Are you below poverty line (**BPL**) or above poverty line (**APL**)?

- [ 1 ] Antodaya/ Very BPL card (**Yellow ration card**)
- [ 2 ] Below poverty line (BPL) (**Blue ration card**)
- [ 3 ] Above poverty line (APL) (**White ration card**)
- [ -9 ] Don't know / not sure

SN	Asset / consumer durables	D7. Do you have <b>[**ASSET**]</b> ? (0) No (1) Yes	
1	Electricity Connection	0	1
2	Farm land	0	1
3	Bicycle	0	1
4	2 wheeler or 3 wheeler	0	1
5	4 wheeler	0	1
6	Telephone (land line)	0	1
7	Cellphone	0	1
8	Ceiling / Standing / Wall/ Table Fan	0	1
9	Color TV	0	1
10	Dish Antenna	0	1
11	LPG gas stove	0	1
12	Refrigerator	0	1
13	Air conditioner or Air cooler	0	1
14	Washing machine	0	1
15	Personal Computer/Laptop	0	1
16	Water treatment device / candle filter	0	1
17	Mosquito net / coil etc	0	1
18	Electrical stove / hot plate	0	1

**End the interview with “THANK YOU”**