

Tool for IDI of Municipal Corporation officials

General details of Municipal Corporation officials	
Name of district	
Name of state:	
Name of the respondent:	
Designation of respondent:	
Contact no.:	
Email:	
Date of interview:	
Name of the researcher:	

Questions/ Particulars	Comments/ Multiple choice	Suggestions from UNIDO
1. What are the monitoring committees at the state and district level for waste management that Municipal Corporation is part of?	[1] State Advisory committee [2] District level monitoring committee [3] Both	
2. How often are the committee meetings held?	[1] Weekly [2] Monthly [3] Half-yearly [4] Quarterly [5] Annually	
3. Do healthcare facilities, nursing homes, standalone clinics, laboratories, and diagnostic centres come under the purview of Municipal Corporation during enrolment?	[1] Yes [2] No	
4. Does monitoring of liquid waste management including ETP/STP of healthcare facilities come under the purview of Municipal Corporation?	[1] Yes [2] No	
5. If yes, please mention the mechanism adopted for monitoring. (Skip question 6, if the answer to question 5 is No)	[1] Online Effluent monitoring system [2] Periodic Manual effluent monitoring	
6. Are quality check or audits conducted across the authorized HCF (bedded & non-bedded)?	[1] Yes [2] No	
7. If yes, what is the periodicity of monitoring?	[1] Monthly [2] Half-yearly [3] Quarterly [4] Annually	
8. Is there a mechanism of segregation of plastics from general waste at HCF level before handing it over to Municipal Corporation for treatment and disposal?	[1] Yes [2] No	

9. If no, is there a mechanism of segregation and processing for recyclable waste at treatment level? (Skip question 13, if the answer to question 12 is Yes)	[1] Yes [2] No			
10. What percentage of general waste from HCFs received is the recyclable waste?				
11. Which categories of recyclable waste are received from HCFs?	[1] Paper [2] Plastic [3] Metal [4] All [5] Any other			
12. Which waste recycling unit in India receives the recyclable waste from your district?				
13. Are instances of mixing of bio-medical waste in general waste noted?	[1] Yes [2] No			
14. If yes, which healthcare facilities send such unsegregated waste?	[1] Public healthcare facilities [2] Private hospitals [3] Private nursing homes [4] Standalone clinics [5] Laboratories & diagnostic centres			
15. Are hazardous materials received in general waste from healthcare waste?	[1] Yes [2] No			
16. If yes, which hazardous waste is received? (Skip question 20, if the answer to question 19 is No)	[1] Discarded medicines [2] Chemicals & disinfectants [3] Laboratory reagents [4] Radiography films [5] All			
17. Do all healthcare facilities in your jurisdiction treat liquid waste before disposal to general drain?	[1] Yes [2] No			
18. If no, which category of healthcare facilities are usually at fault?	[1] Public healthcare facilities [2] Private hospitals [3] Private nursing homes [4] Standalone clinics [5] Laboratories & diagnostic centres			
19. Are any periodic fees collected from healthcare facility for general waste management?	[1] Yes [2] No			
20. If yes, which category of HCFs come under the purview? (Skip question 25, if the answer to question 24 is No)	[1] Public Healthcare facilities [2] Private hospitals [3] Private Nursing homes [4] Standalone clinics [5] Laboratories & Diagnostic centres [6] All			
21. What is the frequency of fee payment? (Skip question 26, if the answer to question 24 is No)	[1] Half-yearly [2] Quarterly [3] Annually			
22. What are the new and cost-effective technologies that	Name of the Technology	Cost Involved / unit	Indigenous / Imported	Modified

can be implemented for waste treatment and disposal?				
23. What are the new and cost-effective technologies that can be implemented for waste recycling?	Name of the Technology	Cost Involved / unit	Indigenous / Imported	Modified
24. What is the approval mechanism for introducing new technologies?				Added new question
25. What are the possible future challenges in the waste recycling industry?				Added new question
26. What are the operational challenges faced in complying with waste management in the state by HCFs?	[1] Improper segregation [2] Unawareness on waste minimization [3] Unawareness on the need for waste recycling [4] Non-adherence of HCFs on the protocol for the treatment of liquid waste [5] Need for renewal of rates for HCF waste collection [6] HR related issues [7] All of the above			
27. What are the areas of improvement in complying with general waste management in healthcare facilities?				

Table Error! No text of specified style in document..1: Checklist for documents at Municipal Corporation

S. No.	Name of document	Remarks
1	List of registered or authorized vendors for equipment and consumable supply	
2	Records on budget allocation for the last two years	Interviewer to note the allocation categorization of CAPEX & OPEX
3	List of registered/ authorized Healthcare facilities (Bedded)	
4	List of registered/ authorized Healthcare facilities (Non- Bedded)	
5	Records of expenditure/utilization of funds for healthcare facilities (last two years)	
6	Waste Audit reports (last two years)	
7	List of upcoming/proposed CBWTF in the region	
8	List of new applicants for authorization (bedded & Non-bedded)	
9	Records on the quantum of waste collected from authorized HCF's (last two years)	