Data B---Part 1 Institutions survey

- Private companies and public institutions

The Study on Regional Solid Waste Management for San Salvador Metropolitan Area in the Republic of El Salvador Questionnaire for Public Opinion Survey (Institutions-private companies and public institutions)

Interviewer:	Date:	
Municipality:	Segment:	
Name of the institution:		
Enterprise/office/business address:		
Name of person giving the information:		

1. GENERAL QUESTIONS

				Munici	ipality				Total	%
Type of business	01SS	02MJ	07ST	08AC	09SY	10IL	11SMT	12AP		
60- Government//Private	7	1			1				9	17%
61- Shops	23	2	2	1	3	2	1	1	35	***********************
62- Municipal Market	1		. 1					1	3	6%
63- Industry								1	1	2%
64- Restaurant and hotel	3		1						4	8%
Total	34	3	4	1	4	2	1	3	52	100%

P1_6. What kind of wastes are mainly generated in your institution? [mark everything the interviewee says]

Base: All interviewees	(52)						 			
P1_6	Freq.	(%)	01							
01- Paper	39	75%	02							
02- Cardboard	28	54%	03		ļ					
03- Cardboard	2	4%	04							
04- Textiles	3	6%	05							
05- Garden waste	4	8%	06							
06- Food waste	21	40%	07							
07- Plastic	24	46%	08	_						
08- Rubber		0%	09							
09- Glass	4	8%	10							
10- Steel		0%	11							
11- Aluminum	1	2%	12 13							
12- Other metals	1	2%	14							
13- Leather	2	4%	88							
14- Dust, ashes	4	8%	0%	10%	20%	309	 % 50	0% 60	% 70	·······
15- Others	9	17%								

P1_7. How many cubic meters of waste are approximately generated per week, including recycled waste?

Base: All interviewees (52)			4			
P1_7	Freq.	(%)	01			
01- Less than 1 m ³ /week	18	35%	02			
02- Between 1 m ³ and 5 m ³ /week	22	42%	03	7		
03- Between 5 m ³ and 10 m ³ /week	5	10%	0.5	_		
04- More than 10 m ³ /week	7	13%	04			
Total	52	100%	0%	20%	40%	60%

2. WASTE STORAGE, DISCHARGE, COLLECTION AND DISPOSAL

P2_1. Where do you store your waste?

Base: All interviewees (52)		
P2_1	Freq.	(%)
01- In the establishment	42	81%
02- Outside the establishment	10	19%
Total	52	100%

(1) In the establishment

(2) Outside the establishment

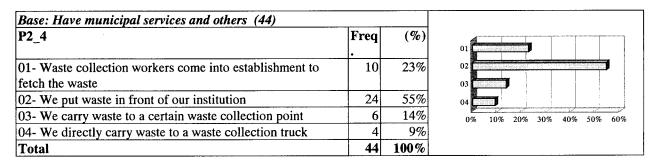
P2_2. What type of container do you use for storing waste? [mark everything the interviewee mentions]

Base: All interviewees (52)						
P2_2	Freq.	(%)	01			
01- Plastic bag	25	48%	02			
02- Paper bags	1	2%	03			
03- Carton boxes	11	21%	04			nanaaaa
04- Metal/plastic/wood containers	19	37%			•	***************************************
05- Basket		0%	05			
06- Others	6	12%	06	3		
Total	52	100%	0%	20%	40%	60%

P2_3. Who collects your waste?

Base: All interviewees (52)			4				
P2_3	Freq.	(%)	01				
01- Municipal waste collector [next]	33	63%	02	•			
02- Private collector [next	4	8%	03	J			
03- Both municipal and private waste collector [next	4	8%	04				
04- We take it to a specific place	8	15%	07	J			
07- Others	3	6%	0%	20%	40%	60%	80%
Total	52	100%	070	2070	70 /0	0070	30 /0

P2_4. How is your waste collected?



P2_5. How often is your waste collected?

Base: Have municipal services and others (4	14)		
P2_5	Freq.	(%)	01
01- Once a week	3	7%	02
02- Twice a week	6	14%	03
03- Three times a week	17	39%	04
04- More than three times	18	41%	0% 10% 20% 30% 40% 50%
Total	44	100%	0.0 10.0 20.0 00.0 10.0 00.0

P2_6. Is the waste collection service done at a fixed time of the day?

Base: Have munici	pal services and others	(44)	No
P2_6	Freq.	(%)	27%
00- No	12	27%	
01- Yes	32	73%	
Total	44	100%	Yes 73%

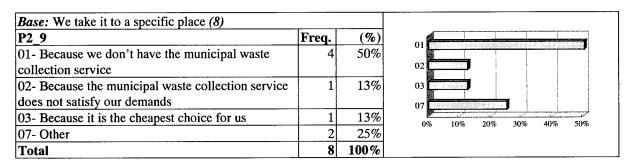
P2_7. How satisfied are you with the collection service?

Base: Have municipal service	s and other	s (44)	
P2_7	Freq.	(%)	00
00- Unsatisfied [next]	3	7%	01
01- Poorly satisfied [next]	5	11%	02
02- Somehow satisfied [next]	10	23%	
03- Very satisfied [go to	26	59%	03
P2_10]			0% 10% 20% 30% 40% 50% 60%
Total	44	100%	

P2_8. Why aren't you completely satisfied with the collection service? [in any case go to P2_10]

Base: Aren't completely satisfied (18)							
P2_8	Freq.	(%)	01				
01- Frequency of waste collection service is too low	6	33%	02				
02- Frequency of waste collection is irregular	2	11%	03				
03- Waste collection time is not appropriate	3	17%	04				
04- Collection workers don't pick up	2	11%	05	J			
05- Waste collection fee is too expensive	1	6%	06	J			
06- Waste collection point is too far	1	6%	07				
07- Others	3	17%	0%	10%	20%	30%	40%
Total	18	100%					

P2_9. Why do you directly carry your waste?



P2_10. Do you know where your waste is disposed of?

Base: All interviewees (52)						
P2_10	Freq.	(%)	01			i	
01- Municipal landfill	6	12%	03				
03- Private lands	1	2%	04				
04- Sanitary landfill	21	40%					
09- Doesn't know	24	46%	99				J
Total	52	100%	0% 10%	20%	30%	40%	50%

P2_11. What do you think that waste collection service should be in the future (about in 10years)

Base: All interviewees (52)		
P2_11	Freq.	(%)
01- Municipality should continue executing the service	25	48%
02- The waste collection service should	22	42%
be privatized		
07- Other	1	2%
09- N/A	4	8%
Total	52	100%

3. RECYCLING AND WASTE REDUCTION

P3_1. Do you separate your waste so that it can be collected for recycling?

Base: All interviewees	(52)			
P3_1	Freq.	(%)	Sometimes	
00- No	41	79%	8%	
01- Yes	7	13%		
02- Sometimes	4	8%	Yes	No 79%
Total	52	100%	15 %	1970

P3_2. Why do you separate waste? [mark everything the interviewee mentions]

Base: Separate waste for recycling (11)			
P3_2	Freq.	(%)	01
01- For selling it to manufacturers	3	27%	02
02- For selling it to local peddlers	4	36%	03
03- For reducing waste volume to minimize	1	9%	0.5
collection fee			04
04- For reducing waste volume to minimize	3	27%	07
adverse impact on environment			0% 10% 20% 30% 40% 50% 609
07- Others	6	55%	

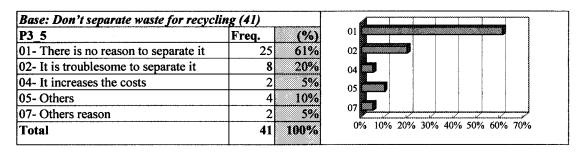
P3_3. How many cubic meters of waste do you normally recycle per week?

Base: Separate waste for recycling (11)		
P3_3	Freq.	(%)
01- Less than 0.5 m ³ /per week	3	27%
02- Between 0.5 m ³ and 1 m ³ /per week	2	18%
03- Between 1 m ³ and 5 m ³ /per week	3	27%
05- More than 10 m ³ /per week	1	9%
09- N/A	2	18%
Total	11	100%

P3_4. Which type of waste do you separate? [mark everything the interviewee mentions] [in any case go to P3_6]

Base: Separate waste fo	or recycling (11)	
P3_4	Freq.	(%)
01- Paper	6	55%
02- Cardboard	4	36%
03- Wood	1	9%
04- Plastic bottles	3	27%
05- Plastic	4	36%
06- Textiles	1	9%
07- Glass bottles	2	18%
08- Other glass	1	9%
09- Food waste	2	18%
10- Steel	3	27%
11- Aluminum	2	18%
12- Other metals	3	27%
13- Leather	1	9%
14- Tires	1	9%
15- Toxic waste	1	9%
16- Others	1	9%
Total	11 1	00%

P3_5. Why you do not separate your waste?



P3_6. Do you think recycling is necessary for San Salvador Metropolitan Area? [read options]

Base: All interviewees (52)		
P3_6	Freq (%)	01
01- Yes, it is necessary right now	47 90%	02
02- No, it is not necessary right now, but it should be	4 8%	09
introduced in 5 years		**************************************
09- Don't know	1 2%	0% 20% 40% 60% 80% 100%
Total	52 100%	

5. PUBLIC COOPERATION

P5_1. Does anyone of your employees clean the road shoulder or adjacent public area in front of your establishment?

Base: All interviewees (52)			No
P5_1	Freq.	(%)	8%
00- No	4	8%	
01- Yes, almost everyday	41	79%	Sometimes / Everyday
02- Yes, sometimes	7	13%	13%
Total	52	100%	

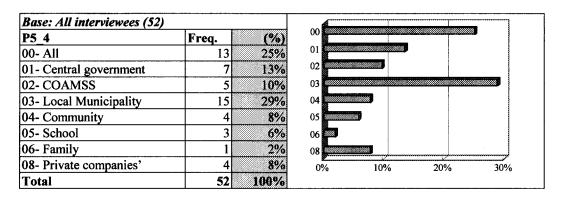
P5_2. It is obviously required that the municipality endeavor more to improve solid waste management. However, public cooperation is also required. Would you cooperate in maintaining a cleaner city and environment?

Base: All interviewees (52)			
P5_2	Freq.	(%)	No
00- Would not participate	3	6%	Yes
01- Would participate	47	90%	N/A 90%
09- N/A	2	4%	4%
Total	52	100%	

P5_3. Do you think a campaign to raise awareness of people for maintaining the cleaner city and environment is necessary?

Base: All interviewees (52)			
P5_3	Freq.	(%)	Yes
01- Yes, it is necessary [next]	52	100%	100%
Total	52	100%	

P5_4. Who should take such actions?



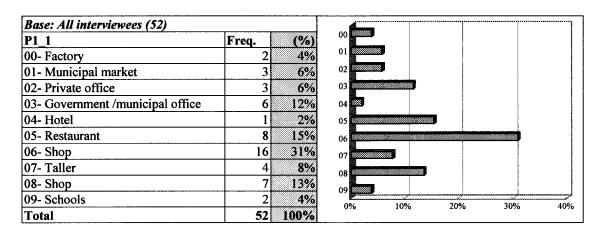
6. PRIORITY OF PROBLEMS RELATED TO SOLID WASTE MANAGEMENT

P6_1. What is the concerned problems related to solid waste management for you? [select top three]

	1 st .			2 nd .		3 rd .		
P6_1	Freq.	%		Freq.	%	Freq.	%	
01- Unreliable waste collection	10		19%	5	10%	3	(6%
02- Increase of mice and rats	7		13%	6	12%	4	1	89
03- Smoke caused by burning waste in the areas nearby	11		21%	6	12%	5	10	0%
04- Offensive odor caused by illegal dumping	6		12%	17	33%	6	12	2%
05- Blockage of drainage caused by waste	4		8%	9	17%	11	2	19
06- Looks dirty	4		8%	2	4%	16	3	19
07- Dirty water, smoke, offensive odor, etc. generated by disposal site	10		19%	7	13%	7	1.	3%
Total	52	1(00%	52	100%	52	100	1%
	99 ∤			i	1			
02						■ 3rd. □ 2nd. □ 1st.		

QUESTIONS FOR ADMINISTRATIVE STAFF

P1_1. What is your business?



P1_2. How many employees do you have?

Base: All interviewees (52)		
P1_2	Freq. (%)	01
01- Less than 10	30 58%	02
02- between 10 and 19	5 10%	03
03- Between 20 and 49	6 12%	05
05- 100 or more	10 19%	
09- N/A	1 2%	09
Total	52 100%	0% 10% 20% 30% 40% 50% 60%

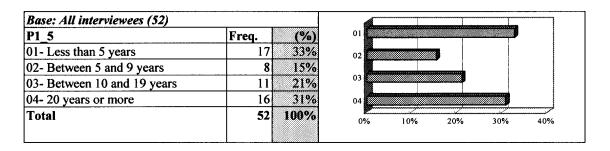
P1_3. How much are the annual sales?

Base: All interviewees (52)			4	T T		
P1_3	Freq. (%)	01				
01- Less than ¢50,000 per year	15 29%	02				i
02- Between ¢50,000 and ¢100,000	5 10%	03			•	
03- Between ¢100,001 and ¢500,000 per year	8 15%	04				
04- Between ¢500,001 and ¢1,000,000 per year	3 6%	04		•		İ
05- Between ¢1,000,001 and ¢5,000,000 per year	1 2%	05				İ
06- More than ¢5,000,000 per year	8 15%	06]	
09- N/A	12 23%	09				I
Total	52 100%	0	%	10%	20%	30%

P1_4. How large is total floor area of your institution?

Base: All interviewees (52)			
P1_4	Freq.	(%)	01
01- Less than 50 m ²	14	27%	02
02- Between 50 m ² and 99 m ²	14	27%	03
03- Between 100 m ² and 199 m ²	3	6%	04
04- Between 200 m ² and 499 m ²	4	8%	05
05- Between 500 m ² and 999 m ²	7	13%	06
06- 1,000 m ² or more	6	12%	09
09- N/A	4	8%	0% 10% 20% 30%
Total	52	100%	0/6 10/6 20/6 30/6

P1_5. How many years have you been running your business here?

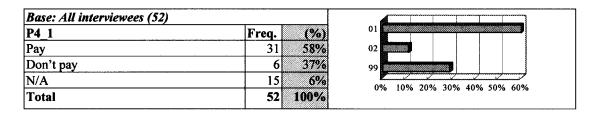


P3_7. How much do you consider it would be fair to pay for the collection service if the fee increases due to the implementation of a recycling program in the San Salvador Metropolitan Area?

Base: All interviewees (52)	4-1-1-1		
P3_7	Freq. (%)	00	
00- Fee should not increase	30 58%	01	
01- Up to 10% more	19 37%		
02- Up to 50% more	3 6%	02	
Total	52 100%	0% 10% 20% 30% 40% 50% 60%	

4. COLLECTION FEE AND FINANCIAL MATTERS

P4_1. How much do you pay for the collection service per month?



Base: Pay for the collection service (31)						
P4_1	Freq.	(%)	01			
01-<10	1	3%	02			
02- 10-19	1	3%	03			
03- 20-49	8	26%	04			
04- 50-99	5	16%	04			
05->100	16	52%	05			
Total	31	100%	0% 10% 20% 30% 40% 50% 60%			

P4_2. Who do you pay it to?

Base: Pay for the collect	ion service (31		
P4_2	Freq.	(%)	Others Municipa
01- Municipality	26	_ 0000000000000000000000000000000000000	6% lity
02- Private collector	3	10%	84%
07- Other	2	2 6%	Private /
Total	31	100%	10%

P4_3. What do you think about the amount of waste collection fee?

Base: Pay for the collect	tion service (3		
P4_3	Freq.	(%)	Cheap High
01- It is too high	1	8 58%	6% 59%
02- It is appropriate	1	1 35%	
03- It is cheap		2 6%	Appropriate
Total	3	1 100%	35%

P4_4. Supposing that collection services were operating satisfactory, how much do you think that your household would be willing to pay for the waste collection service? ______ colones per month

Base: All interviewees (52)				
P4_4	Freq.	(%)		10-19
02- 10-19	2	4%	10.00	20-49
03- 20-49	11	21%	28.45	50-99
04- 50-99	6	12%	53.33	100
05->100	16	31%	952.50	>100
07- N/A	17	33%	100.00	N/A
Total	52	100%		0% 10% 20% 30% 40%

P4_5. Do you accept waste collection fee which is set depending on: [mark everything the interviewee mentions]

Base: All interviewees (52)			
P4_5	Freq.	(%)	01
01- Annual sales	3	6%	02
02- Total floor area	8	16%	03
03- Number of employees	3	6%	
04- Amount of waste	32	64%	04
05- Electricity consumption	4	8%	05
06- Water supply	2	4%	06
consumption			07
07- Number of seats	1	2%	08
08- Number of rooms	1	2%	v° 2
			0% 10% 20% 30% 40% 50% 60% 70%

P4_6. How often would you like to pay your bill?

Base: All interviewees (52)			
P4_6	Freq.	(%)	03
01- Monthly	48	92%	02
02- Once every three months	3	6%	
03- Once every six months	1	2%	01
Total	52	100%	0% 20% 40% 60% 80% 100%

How much do you pay monthly for ...

P4_7. Electricity service

P4_8. Water supply service

P4_9 Income tax

¢ _____ Monthly

	P4 7. Ele	ectricity	P4 8. Wa	ter supply	P4 9. Inc	ome tax	
Category	Freq.	%	Freq.	%	Freq.	%	
00- Don't pay	1	2%		29			4%
01- Less than 10 colones					2		4%
02- 10 - 25 colones			2	49	3		6%
03-25-50	1	2%	9	179	5	1	10%
04- 50 - 100	2	4%	9	179	3		6%
05-100 - 200	5	10%	3	6%	6 6	1	12%
06- 200 - 500	16	31%	6	129	2		4%
07- 500 - 1,000	6	12%	2	49	1		2%
08- 1,000 - 1,500	1	2%	7	13%	0		
10- 2,000 - 3,000	3	6%			2		4%
11- 3,000 - 5,000	2	4%	1	29	0		
12- MAS DE 5,000	8	15%	3	69	3		6%
99- N/A	7	13%	9	17%			44%
Total	52	100%	52			10	0%
11 10 08 07 06 05 04 03		3			□ Tax ■ Water ■ Electricity		
01	20%	40	%	60%			

OBSEKVATIONS:		