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**BASELINE SURVEY REPORT ON
INCLUSIVE GOVERNANCE FOR SERVICE DELIVERY
AND SOCIAL ACCOUNTABILITY PROJECT
(IG PROJECT)**



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List of Acronyms

BRH	Bangkok Regional Hub
COMPED	Cambodian Education and Waste Management Organization
CS	Commune/Sangkat
CSARO	Community Sanitation and Recycling Organization
DM	District/Municipality
DPWT	Department of Public Work and Transport
GDP	Gross Domestic Product
IPCC	Intergovernmental Panel on Climate Change
MoE	Ministry of Environment
MoEF	Ministry of Economy and Finance
Mol	Ministry of Interior
MoP	Ministry of Planning
MPP	Municipality of Phnom Penh
MSW	Municipal Solid Waste
NIS	National Institute of Statistics (Cambodia)
PPWM	Phnom Penh Waste Management
PRD	Partner for Research and Development
SEDO	Socio-Economic Development Organization
SWM	Solid Waste Management
TAF	The Asia Foundation
UNDP	United Nations Development Program

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1. Executive Summary

SWM Baseline Survey is a unique panel data set covering 200 HHs from 11 villages, 6 communes/sangkats (Damnak Ampil, Bekchan, Loungvek, Oreussey, Taches, Stung Treng) and in 3 target Municipalities/Districts (Kandal, Kampong Chhnang and Stung Treng) in Cambodia. These selected capital/provinces represent three categories of landscape (Floodplain, Tonle Sap and Mountainous) of Cambodia. Sampling frame and sampling procedure of this survey were done based on numbers of consultation with international experts of UNDP based in BKK, Thailand and UNDP in Cambodia. The sampling distribution was determined mainly based on method of probability proportional to size (PPS) with sample size of 6.24% of population in the selected villages based on [sample size calculator](#) which determine the number of respondents needed in this survey is to ensure statistically significant results and to minimize the margin of error. The respondents of the survey (including local citizen, local business, CS councilors, DM councilors and Board of Governors/leaders) who were selected for interview.

The survey started in the third week of January 2019. Six well-trained surveyors, which consist of a supervisor team leader and each team member is able to use Google form for data entry after data collection with daily basis, they were deployed to conduct interview from 11 February to 26 March 2019 and completed data entry within same period. The survey was divided into two rounds according to geographical features of Cambodia. The first round focused in Angsnoul district, Kandal province where is closer to central location covered 42 HHs and 4 FGDs; which aimed at re-testing the survey tools and initial review data gathered related SWM and local governance etc. and in order to ensure all data gathering can be complied with Local Governance Dashboard (LOGOD) which was introduced by BRH/UNDP. The completed questionnaires were partially adjusted twice (with coding, designed label, type, value, and measurement) prior conducting data entry into Google form system, generated data set (with excel format) and sent to UNDP/BRH to review and agreed before moving to the next districts. The second round covered the two DMs namely Kampong Tralach and Stung Treng covered 158 HHs interview and 8 FGDs.

The whole survey covered 200 HHs (including local citizens, local business (as well as vulnerable household such as women head household, elderly, ID poor I-II, people living with HIV/AIDS, orphan) from randomly selected 11 villages in 6 Commune/Sangkat in 3 District/Municipality/Khan. 12 FGDs consisted 53 Board of District Governors and its councilors and commune counselors. At the end of March, the field survey was completely defined respondents successfully. LOGOD data was collected and produced its data set shared to BRH/UNDP for further development of LOGOD dashboard at BRH level.

Upon the completing of field survey and data entry, there were some minor challenges in terms of coding due some open-ended questions related local governance were different from one DM/CS to another. It is observed that SWM and good governance is not so familiar by local people yet. The design of the survey focus on three areas: (i) Access to information, (ii) Access to SWM services, (iii) Accountability from responsible agencies (including community participatory planning, implementation and monitoring). Assessing local governance and levels of performances of DM/CS leaders and councilors were cross-checking with household head interview rather than family member and allow individual leaders and councilors to conduct self-assessment by using tool 2b.

Summary of baseline data generated as following:

Output 1. DM/CS are abler to perform their roles in local service delivery with a focus on SWM

- Indicator 1.1: **39.66%** of DM/CS councilors and officials reporting improvement in their performance as a result of training and other capacity development, see table 4
- Indicator 1.2: The design/development of key UNDP's supported local governance services is inclusive and participatory were rated by local citizen and small business households (HH interview) in the 3 DMs, the result found **Limited extent** (see table 5)
- Indicator 1.3: **75** local citizen households have access to SWM collection services (with waste regularly collected according to the guideline set), see table 12.
- Indicator 1.4: **190** small business households have access to SWM collection services (waste regularly collected according to the guideline set), see table 12.

Output 2. Local citizens more aware and empowered in service delivery process, with focus on SWM

- Indicator 2.1: **15** complaints filed relating to SWM
- Indicator 2.2: **6 out of 15 (40%)** of complaints relating to SWM that are addressed.

Output 3. Lessons learned from the project shared and used effectively to scale-up and inform policy changes

- Indicator 3.1: **0** of new DM/CS adopting the SWM model¹ developed and tested under the project (structure and WP in place)
- Indicator 3.2: **0** of new DM/CS plans to adopt the SWM model² developed and tested under the project (DM/CS leader decision)

¹ The project has been recently implemented and DM/CS haven't developed or tested any SWM model yet

² The project has been recently implemented and DM/CS haven't adopted any SWM model yet

2. Introduction

In 2015 RGC decided to transfer the solid waste management (SWM) service delivery function from the Ministry of Environment (MoE) to District and Municipality (DM). While this is a positive move, the existing assessment suggests that the implementation of the policy has been partial and uneven. The roles and responsibilities of DM versus other stakeholders still need clarification, enforcement of specific rules is still pending, the issue of funding transfer and budget management at the sub-national level keeps coming up, and more importantly, it is unclear how local citizens should be engaged in an urban setting, with relation to urban-focused services such as SWM.

UNDP also has a growing portfolio of work related to local service delivery – in solid waste, social housing, and local economic development, among other areas. Bringing experiences from this work into efforts to support the de-concentration and decentralization agenda will be useful in sharpening local governance effectiveness and supporting service improvement. UNDP initiatives have trialed several service consultation and feedback devices and promoted the enabling function of local governments to address local service needs. A particularly noteworthy area is that of solid waste management (SWM), where UNDP has engaged with the central Government and with the management of Special Economic Zones to find creative solutions. This might be transferred to local governments and used as an example for the governance of other local services. SWM is a source of particular national and local concern in Cambodia.

Cambodia produces 3.65 million tons of trash per year, in average person eats 70,000 pieces of microplastics each year. In Phnom Penh, each person uses around 2000 plastic bags per year. Average usage time of a plastic bag is around 15 minutes and each year, 78 million Styrofoam packages are in Cambodia. Among rivers that carry the most plastics out to the sea, 15 of the tops 20 are in Asia.

In line with the overall objective, the project proposes to achieve three related outputs as following: **(i) Capacity development on local service delivery for DM/CS, (ii) Citizen engagement and accountability, (iii) Advocacy and communication** in selected areas through the introduction and implementation of certain local service delivery models. These models should reflect local needs, local initiatives, key national policies and regulations, which can be scaled up and used as evidence for further policy discussion. In order to achieve the project's results, a number of key potential stakeholders are identified. These are both at the national and sub-national levels. At the national level, these include MoI (Department of Functions and Resource), NCDD-S (Policy Analysis and Development Division), MoE, MoEF, ASAC, NGOs and at the sub-national level include provincial administration along with PDoEF and PDoE, DM and CS administrations, local citizens, schools, and private companies.

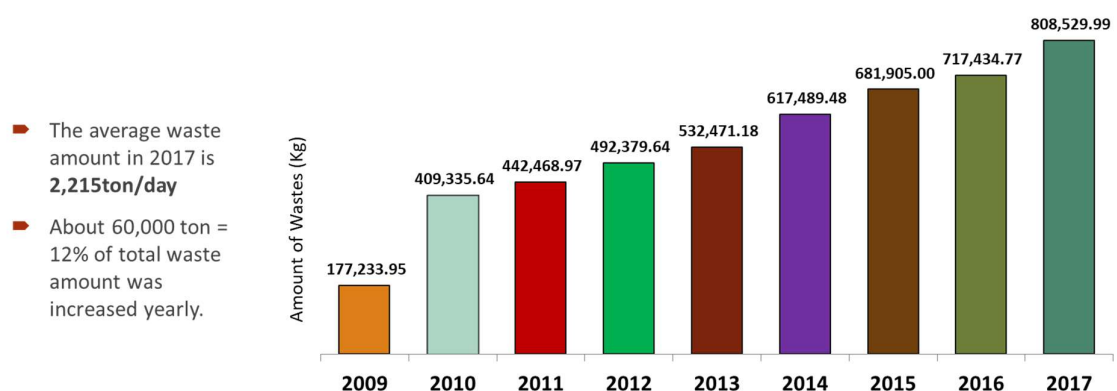
The baseline aims at identifying key findings and the baseline data within the target DM and CS by focusing on: (i) % of DM/CS councilors and officials reporting improvement in their performance as a result of training and other capacity development supports they receive from the project, (ii) Extent to which the design/development of key UNDP supported local governance services is inclusive and participatory, (iii) Number of local citizens access to SWM collection services, (iv) Number of small business access to SWM collection services, Number of complaints filed relating to SWM, (v) Percentage of complaints relating to SWM that are addressed, (vi) Number of new DM/CS adopting the SWM model developed and tested under the project and (vii) Number of new DM/CS plans to adopt the SWM model developed and tested under the project. In addition, a monitoring and evaluation framework needs to be established to measure the achievements of the project during the course of implementation.

3. Literature review

3.1. Environmental context with focus on waste management and pollution in general in Cambodia

Overall of the country, there is estimated that 2 billion plastic cups are used each year from street vendors alone. In Cambodia over 832 million pieces of Styrofoam are used annually by street vendors alone while worldwide uses about 2 million plastic bags every minute.

LANDFILL: the figure shows the total amount of waste rapidly increased from 2009 - 2017



Source: MoE

Municipal Solid Waste in Phnom Penh was forecasted to increase from approximately 1,286 tons day in 2013 to 3,112 tons day in 2030³. Phnom Penh Waste Management Affair Department has been established since 2014 while DMs have just recently been declared the RGC's Sub-Decree 113 on SWM and its Prakas on the use of SWM budget allocation and mobilization of external sources. However, the design of this baseline survey was not covered solid waste forecasting of the 3 DMs (Angsnoul, Kampong Tralach and Stung Treng) but due to rapid growth of local markets, numbers of factories and local tourisms, it creates many challenges among local government on managing solid wastes locally.

Several recent researches indicate that in urban area of Phnom Penh, it is estimated that 1.5 million Styrofoam containers are used each week, 4 million plastic cups are used each week; this equals 203,070,400 cups each year. When burned, Styrofoam releases more than 90 different hazardous chemicals including carbon monoxide and Styrene gas, which might trigger cancer.

"To ban on plastic pollution, the Ministry of Environment introduced new regulation for the use of plastic bags. The Ministry of Environment is also considering plans for jute bags as an alternative, and the school curriculum is being updated to help educate future generations on the harm caused by plastics. One promising idea to effectively fight plastic pollution is known as the circular economy, which focuses on waste Reduction, Reuse and Recycling (3R). In a circular economy, waste is treated as valuable materials that should be reused or recycled, not only in order to reduce the volume of waste but also in order to generate new economic opportunities".

³ Solid Waste Generation and Life Life-Span with Credible Growth Forecasts Waste Generation, Volume and Composition, Asia Foundation 2015

3.2. Relevant policy, strategies and regulation related to Good Governance, D&D, SWM and gender equality

The government, especially the Ministry of Environment (MoE), introduced policies and regulations regarding MSWM. However, the capacity and competence seem needed to be enhanced for further improvement of SWM. The recent decentralization of SWM, as re-enforced by the RGC's sub-decree 113 (RGC, 2015). The sub-decree aims to sustainably improve WM in a transparent and accountable manner to ensure environmental stability. The sub-decree 133 states that SWM shall be carried out through the decentralization system to the local government, and the responsibility has been shifted to provincial, municipal and district levels. The MoE and NCDDDS have established a joint declaration to facilitate, coordinate, and support the sub-national level, especially the local government to implement the decentralization of SWM effectively (Mol, 2016). As critical movement, it is suggested that proper management would only exist on the legal foundation. Therefore, the law enforcement is one of the most important roles to enhance inclusive governance for service delivery and social accountability at all levels.

In 2015, the RGC has issued the laws on solid waste management, including sub-decree 36 in 1999, inter-ministerial declaration 80 in 2003, and other regulations at both national and sub-national levels. However, many challenges have remained, and the performances of the local government and responsible line departments are affected by inadequate financial resources and facilities. Based on local orders, instruction, notification, decisions were made by the higher governors, the DMs have established sub-committee or working groups consists of several officials and local authorities to be in-charge local planning and implementation of SWM including disposal, collection, transportation, storage, recycle, minimize and dumping.

Sub-decrees, inter-ministries Prakas and many declarations have been made to re-enforce the implementation of SWM:

- Prakas 073 of Inter-Ministries on budget allocation for SWM (2015)
- RGC's sub-decree 113 on SWM (2015)
- Development of a new 3R's national strategy (2009)
- Environment Guideline on SWM in Kingdom of Cambodia (2006)
- Declaration on SWM of industries, factories and companies (2003)
- Declaration on urban and provincial SWM (2003)
- Declaration on industrial hazardous-waste management (2000)
- Declaration on the provision of duties on carry out the sub-decree on water pollution control and sub-decree on SWM for urban and provincial environmental department (1999)

The desk review and FGDs found that the law enforcement and implementation are still needing to be strengthened and require more support enhance local capacity with better attention from local authorities and relevant agencies. The function transfer to local government shall include clear term of references for personnel re-assignment, in order to ensure proportionally affected the LGs' administration. The local government play a key role in coordinating with other stakeholders and to address local complaints, when raised by community people. All district governors and counselors have shown their commitment to re-identify or standardize of SWM.

Solid Waste Management (SWM) is a challenge for all urban areas of Angsnoul and Kampong Tralach district and Stung Treng Municipal due to the increasing volume of waste produced and insufficient collection capacity of existing SWM service providers. Urban environmental issues effect on health as

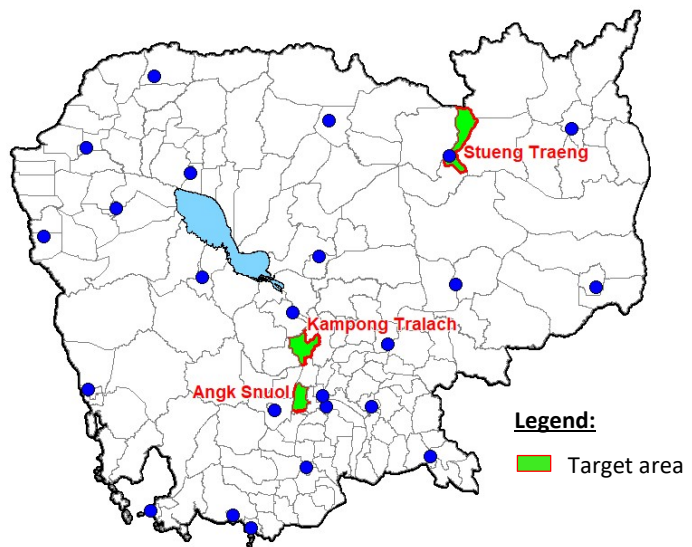
well as living conditions in general. Improving SWM (including disposal, collection, transport, store, recycle, minimize and dumping) through strengthening local governance is required in response to rapid urbanization and industry development. The baseline survey report focus on the current status of solid waste management in three target DMs and discuss the performance of local government authorities to figure out the baseline data with key recommendation for possible mechanisms and strategies to improve SWM in target municipalities and provinces. Data were collected through literature reviews, 12 focus group discussions (FGDs) with the local government authorities and 200 household interviews. Several performance measures were used as assessment variables: (i) legal framework, (ii) planning and budgeting execution of the service delivery⁴, (iii) local administration and accountability from responsible agencies. Limited institutional capacity and performance are the consequence of insufficient decentralization power and allocation of budget and workforce for promoting technological and environmentally sustainable practices. Requirement of good cooperation and coordination among relevant agencies led to their willingness to participate in management performance. A decentralization and provision of management services in the public–private partnership would enable operational procedures that enhance accountability, transparency, efficiency, and productivity at DM/CS levels.

4. Scope of Work

The result of the individual consultant's work is to produce a baseline report, which presents a quantitative description (disaggregated by gender, sex and types of vulnerable groups such as female head household, family with persons with disabilities, youth group, poor household and people living with HIV) reflecting all indicators in the project results framework. Major tasks expected to be undertaken by the consultant include the survey design, literature review, data collection tools preparation, primary and secondary (if needed) data collection from the field, and the baseline report writing. In addition, collaboration of development of LOGOD Dashboard getting support from BRH will be taken into consideration. Its related tasks will be simultaneously concluded with the baseline survey. Those include dashboard survey questionnaire preparation, data collection and data entry, and the dashboard development.

This study is to be conducted within the project target areas in Stueng Treng Municipality, Stueng Treng province; Angk Snuol District, Kandal province; and Kampong Tralach District, Kampong Chhnang province (see location on the map). The survey will be conducted with a sample⁵ of intended target groups; which include head households, small business persons/traders, and other potentially affected groups who will benefit from overall improvement of the SWM service. It is important to note that inclusiveness consideration will be taken into account for the sampling.

Figure 1: Map of target DM/CS



⁴ The survey also assessed how community people access to information and SWM services

⁵ At least 10% of local citizens to be considered

5. Baseline Survey Methodology

5.1. Baseline Survey Sampling Strategy

5.1.1. Sampling

The sampling distribution was determined mainly based on method of probability proportional to size (PPS) with sample size of 6.24%. The respondents of the household survey (including local citizen, local business) were randomly selected without any domination from local authorities, and to ensure population representative in the target DM/CS, the surveyors used lucky draw method to select 11 villages from six communes of the three DMs (see table 1 below). The surveyors walk across every villages and randomly selected households by skipping every 5 households with proportionate geographical locations and living condition of local people in those villages.

Local governors and authorities especially who have been involving and/or implementing SWM activities were invited to participate in FGD and each FGD consisted 4-7 people (those participants from DM level are Board of Governors, Officials in-charge environment, public relation, administration, socio-economic, women and children affairs, planning, finance and its counselors as well as secretaries and commune level are commune chiefs, commune councilors and secretaries). The surveyors went to all field data collection in 3-target DMs (see figure 1).

5.1.2. Data collection and tools

The consultant applied several methods (including Desk Review, FGD, KII and Household Interview) in order to collect data and information from difference sources. Both secondary and primary data were collected and analyzed in a systematic manner⁶. The process of data collection took totally 24 days (between 11 Feb-26 Mar 2019) including 9 days in Angsnoul and 8 days in Kampong Tralach districts and 7 days in Stung Treng municipal. 12 FGDs and 200 HH interviews were conducted (XX% women). Both FGD and HH interview helped the consultant team to identify gaps and analyze key finding around inclusive governance for service delivery and social accountability not just only SWM services delivery and all comments for further improvement of SWM have been properly recorded.

Furthermore, once both quantitative and qualitative data were immediately entered, analyzed and generated by using Google form system, the consultant used Excel program to code data/information in order to group answers and minimized error. The preliminary research findings (results of the baseline survey) was prepared based on data and information generated. There are numbers of consultation/discussion with UNDP staff and experts (Project Manager, Program Analyst, ACD-P and BRH) were taken to ensure data analyzing and report writing are fully complied.

5.1.3. Populations and Surveyed Areas⁷

Populations and Surveyed Areas: The baseline survey will focus in 3 DMs namely (i) Ang Snoul, (ii) Kampong Tralach, (iii) Stueng Treng and 6 CS namely (i) Benkchan, (ii) Damnak Ampil, (iii) Loungveak, (iv) O-Reussey, (v) Taches and (vi) Stueng Treng (see table 1 below).

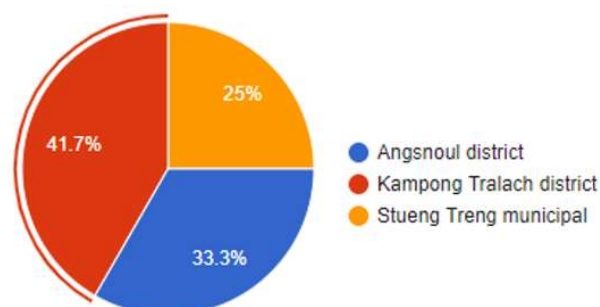
⁶ LOGOD questionnaires with the use of existing UNDP's Dashboard.

⁷ E.g. Select 3 DMs: Ang Snoul, Kampong Tralach, Stueng Treng and 3 CS: Benkchan, Loungveak, Stueng Treng

Table 1: List of field survey and sample size (number of households interviewed)

Tools to be used	T1, T2	T2	T3	F_HHH	Families	Sample	6.24%
Date and HH	DM	CS	Village				
11-27 Feb (42 HHs)	Ang Snoul	Bek Chan	Thmei	18	98	6	HHs
			Trapaing Krasang	24	127	8	HHs
			Tnaot Muoy Daeum	0	89	6	HHs
		Damnak Ampil	Damnak Ampil	25	200	12	HHs
			Kdan Roy	15	172	10	HHs
12-15 Mar (80 HHs)	Kampong Tralach	Long Vaek	Anlong Tnaot	38	274	17	HHs
		O-Ruessey	Sala Lekh Pram	37	541	34	HHs
		Taches	Svay Krom	51	273	17	HHs
			Kampong Ta Ches	26	187	12	HHs
22-26 Mar (78 HHs)	Stueng Treng	Stung Treng	Phom Prek	40	893	56	HHs
			Phomspean Thmor	26	348	22	HHs
Total	3 DM	6 CS	11 villages	300	3,202	200	HHs

Due to density of population and number of target C/S is different from one D/M to another, the consultant agreed to conduct baseline survey in six target communes (2 communes in Angsnoul district, 3 communes in Kampong Tralach district (see figure 2 below) and only 1 commune in Sangkat



Stung Treng. However, the consultant was recommended to use lucky draw method to proportionately selected numbers of villages to be conducted household interviews, E.g. selected 3 villages in Bekchan commune, 2 villages in Damnak Ampil commune, 1 village in Loungvek commune, 1 village in O-Ruessey commune, 2 villages in Taches commune and 2 villages in Sangkat Stung Treng.

Figure 2: Number of FGDs conducted based on selected CS in DM

5.1.4. Number of local government official participated in focus group discussion (FGD)

There were 53 local government officials; in which 12 women participated in FGDs (6 FGDs at DM and 6 FGDs at CS level). The majority of respondents are DM/CS counselors age over 55 years old. It is noted that most of DM/CS counselors are formers of local government official, they have been offered a new role as DM/CS counselors after retirement (see table 2 below).

Table 2: Number of interviewed local government officials

No.	Name of D/M	Gender	Number of interviewed local government officials by age								
			21-25	26-30	31-35	36-40	41-45	46-50	51-55	56-60	>60
1	Angsnoul	Male	0	0	1	1	2	0	1	2	4
		Female	0	1	0	0	1	1	1	0	5
2	Kampong Tralach	Male	0	0	2	1	2	0	2	7	2
		Female	0	0	0	1	0	0	0	0	1
3	Stung Treng	Male	0	0	1	2	1	1	0	1	8
		Female	0	0	0	0	0	1	0	0	0
Total: 53 persons			0	1	4	5	6	3	4	10	20

For household interview in 6 CSs, the consultant randomly selected 200 households in which 140 interviewed household representatives are women (see table 3 below). As usual more women stay at home to take care children and do housework while husbands go to work outside, that is why the surveyors met more women than men.

Table 3: Number of interviewed household representative by age group

Name of CS	Number of interviewed household representatives (by age group)									
	16-20	21-25	26-30	31-35	36-40	41-45	46-50	51-55	56-60	>60
Bekchan	0	2	2	1	1	0	4	4	1	5
Damnak Ampil	0	0	3	0	1	1	2	3	4	8
Loungvek	0	1	2	0	3	3	3	0	5	1
Oreussey	0	3	2	3	3	2	5	5	4	9
Taches	2	3	2	3	4	1	5	2	1	3
Stueng Treng	0	3	4	11	4	10	12	12	9	13
Total: 200 HHs	2	12	15	18	16	17	31	26	24	39

6. Key findings

6.1. Legal framework

SWM guidelines and regulations are in place at all target DM/CS. Those guidelines covered: (i) Disposal, (ii) Collection, (iii) Transport, (iv) Storage, (v) Recycle, (vi) Reduce/Minimize, (vii) Dumping and (viii) Raising Awareness. The guidelines support the local authorities to manage solid wastes in their jurisdictions. However, the guideline does not take into account to vulnerable groups⁸. The guidelines mention about disaggregation among sources of solid waste except agriculture wastes.

The organic law provides this power but need additional guideline in detail to support the implementation. Even though the SWM guideline is not available but DMs have developed its regulations and plans related SWM without mention about inclusiveness of vulnerable groups.

When the MoE in charge, the SWM function was delegated to capital and provincial administrations to manage. All capital and provincial administrations received budget from national budget for the service expense. The waste collection service was contracted out to private companies exclusively.

MoE, provincial department of environment, capital and provincial administration, private sector, and NGO for few cases. While the SWM function has been transferred to DMs, the relative national budget has not been transferred accordingly. This is a major challenge today, the idea is that without national budget, DMs cannot fully implement SWM. They currently engage private sector and expected to increase the SWM service fee (especially Agnoul and Kampong Tralach) in order to maintain sustainable financing. However, since DMs received the function, most DMs still being unable to implement effectively and even some DMs have not been functioned the SWM yet due to other constraints such as capacity, commitment, local governance system, not just financial issues.

However, there is regulation (inter-ministries Prakas) about SWM maximum fee and local administration can set the fee below the rate set but needed to be consulted with community people including local business and approved by council.

⁸ Children, Elderly, Minority, Orphan, People with disability, Poor household (ID poor I-II), People living with HIV/AIDS, Widows, Women

6.2. Baseline data identified and key findings against Project Indicators (Logframe)

6.2.1. % of DM/CS councilors and officials reporting improvement in their performance as a result of training and other capacity development supports they receive from the project (by sex, age) – Indicator 1.1

Table 4: Number and percentage of local government performance reported improved

(individual self-assessment, 1=very low performance → 10=very high performance)

Type of performance:	Score below average (1-6)		Score above average (7-10)		% Improved	Total respondents	
	Total	Female	Total	Female		Total	Female
A. Planning	35	6	18	6	35%	53	12
B. Budgeting	37	8	16	4	30%	53	12
C. Implementation	31	8	22	4	42%	53	12
D. Monitoring	31	5	22	7	42%	53	12
E. Reporting	25	6	28	6	53%	53	12
F. Address complaint	34	7	19	5	36%	53	12
Average					39.66%		

Number and percentage of respondents conducted self-evaluation based on scoring from 1: very low to 10: very high performance. The average score is 6 and for those who scored themselves higher than 6 (mean 7, 8, 9) have been considered that their performance on local governance has been improved. Based on the average calculation in table 4, there is **39.66%** of interviewed DM/CS councilors and officials reporting improvement in their performance including Planning, Budgeting, Implementation, Monitoring, Reporting and Addressing local complaint.

The figures indicate number of respondents with scoring 7, 8 and 9 considered their performance has improved.

6.2.2. Extent to which the design/development of key UNDP's supported local governance services is inclusive and participatory - Indicator 1.2

The baseline survey has determined the level of extent to which the design/development of key UNDP's supported local governance services is inclusive and participatory, as the results from 200 HH interviews, there were only 36 HHs (18%) aware about the important of inclusive and participatory in planning, implementation and monitoring processes. Those 36 HHs have marked a few numbers of vulnerable people and youth were engaged not every processes of planning, implementation and monitoring. The consultant weights those marks of individual HH interview as following: [<11] is Limited, [11-20] is Moderate, [>20] is Great extent.

All data generated from 36 HH interviews have been calculated by the average formulation. Based on the above given weighs, the overall baseline for Indicator 1.2 is 10.61 meant "Limited extent" (see table 5); while separated calculation per individual DM such as Ansnoul district is 9.62 meant "Limited extent" (See table 6), Kampong Tralach is 6.67 meant "Limited extent" (see table 7) and Stung Treng municipal is 13.17 meant "Moderate extent" (See table 8).

$$\text{Average} = \frac{\text{Total score}}{\text{Respondents}}$$

Table 5: Engagement of vulnerable people and youth in the DM/CS planning, budgeting, and monitoring process (HH interview) – overall of 3 DMs

Vulnerable people and youth	Planning	Implementation	Monitoring	Total
Children	7	14	8	
Elderly	31	12	29	
Minority	3	3	6	
Orphans	5	6	5	
People with disability	16	10	14	
Poor people (ID poor I & II)	23	36	17	
People living with HIV/AIDS	15	17	13	
Widows	15	16	15	
Women	8	9	5	
Youth	8	7	9	
Total score	131	130	121	382
Average= $\frac{\text{Total score}}{36 \text{ Respondents}}$	3.64	3.61	3.36	10.61

Scales categorized into 3 levels: [<11] is Limited, [11-20] is Moderate, [>20] is Great extent

Table 6: Engagement of vulnerable people and youth in the DM/CS planning, budgeting, and monitoring process (HH interview) – for Angsnoul district

Vulnerable people and youth	Planning	Implementation	Monitoring	Total
Children	0	4	5	
Elderly	21	8	14	
Minority	0	0	3	
Orphans	0	1	3	
People with disability	11	4	6	
Poor people (ID poor I & II)	12	18	8	
People living with HIV/AIDS	9	9	6	
Widows	11	13	9	
Women	4	4	3	
Youth	5	5	6	
Total score	73	66	63	202
Average= $\frac{\text{Total score}}{21 \text{ Respondents}}$	3.48	3.14	3.00	9.62

Scales categorized into 3 levels: [<11] is Limited, [11-20] is Moderate, [>20] is Great extent

Table 7: Engagement of vulnerable people and youth in the DM/CS planning, budgeting, and monitoring process (HH interview) – for Kampong Tralach district

Vulnerable people and youth	Planning	Implementation	Monitoring	Total
Children	1	6	2	
Elderly	4	2	13	
Minority	0	1	1	
Orphans	0	1	1	
People with disability	2	5	8	
Poor people (ID poor I & II)	5	15	6	
People living with HIV/AIDS	0	4	4	

Widows	0	1	5	
Women	1	3	2	
Youth	2	2	3	
Total score	15	40	45	100
Average= $\frac{\text{Total score}}{15 \text{ respondents}}$	1.00	2.67	3.00	6.67

Scales categorized into 3 levels: [<11] is Limited, [11-20] is Moderate, [>20] is Great extent

Table 8: Engagement of vulnerable people and youth in the DM/CS planning, budgeting, and monitoring process (HH interview) – for Stung Treng municipal

Vulnerable people and youth	Planning	Implementation	Monitoring	Total
Children	6	4	1	
Elderly	6	2	2	
Minority	3	2	2	
Orphans	5	4	1	
People with disability	3	1	0	
Poor people (ID poor I & II)	6	3	3	
People living with HIV/AIDS	5	4	3	
Widows	4	2	1	
Women	3	2	0	
Youth	1	0	0	
Total score	42	24	13	79
Average= $\frac{\text{Total score}}{6 \text{ respondents}}$	7.00	4.00	2.17	13.17

Scales categorized into 3 levels: [<11] is Limited, [11-20] is Moderate, [>20] is Great extent

On the other hands, the conclusion from 12 FGDs with 53 local government officials in 3 DMs and 6 CSs on rating the level of efficiency and effectiveness of SWM since the responsibility was shifted over to DMs, the results indicate that 3 FGDs rated Limited extent (25%), 7 GFDs rated Moderate extent (58%), 2 FGDs rated Great extent (17%). See table 9 below.

Table 9: Level of extent to which the design/development of key UNDP's support local governance (FGD)

No.	Level of extent	Ansnoul	Kg. Tralach	Stung Treng	Total
1	Limited extent	1 FGD	0	2 FGDs	3 (25%)
2	Moderate extent	2 FGDs	5 FGDs	0	7 (58%)
3	Great extent	1 FGD	0	1 FGD	2 (17%)
Total		4 FGDs	5 FGDs	3 FGDs	12 (100%)

It is noted that the use of community participation approach (CPA) during SWM planning/budgeting, implementation and monitoring process is likely limited and local community people (for those interviewed households who both have access and non-access to SWM services) have rated the efficiency SWM services in their areas as describe in table 10 below.

Table 10: Community people rated the efficiency SWM services (HH interview)

No.	Level of efficiency	Number and percentage of households rated			Total
		Angsnoul	Kg. Tralach	Stung Treng	
1	Don't know	0	7 (8.8%)	1 (1.3%)	8 (5%)
2	No service provider	7 (35%)	19 (23.8%)	1 (1.3%)	27 (15%)
3	Poor SWM service	5 (25%)	26 (32.5%)	66 (83.5%)	97 (54%)
4	Fair SWM service	5 (25%)	24 (30%)	11 (13.9%)	40 (22%)
5	Good SWM service	3 (15%)	4 (5%)	0	7 (4%)
6	Excellent SWM service	0	0	0	0
Total		20 (100%)	80 (100%)	79 (100%)	179 (100%)

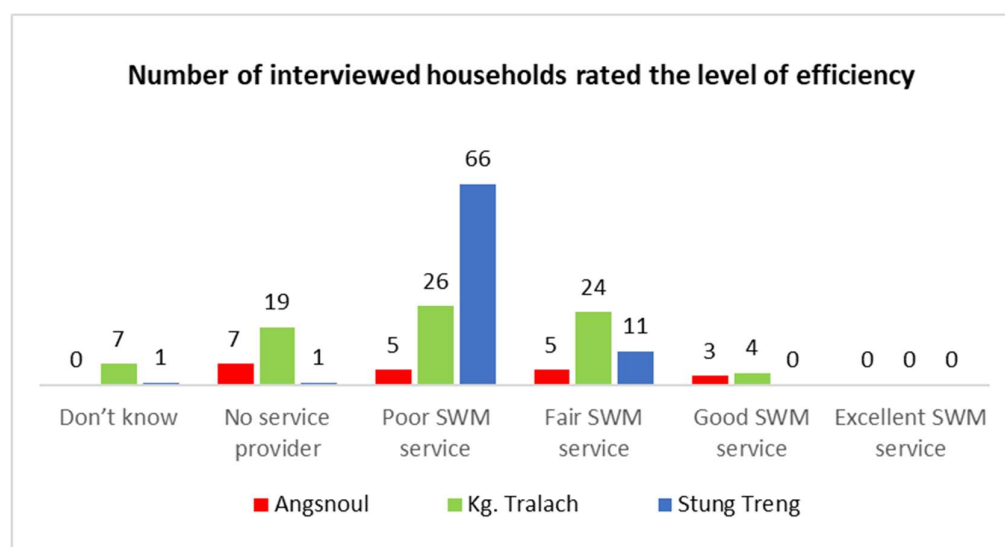


Figure 3: Number of interviewed households rated the level of efficiency of SWM service delivery

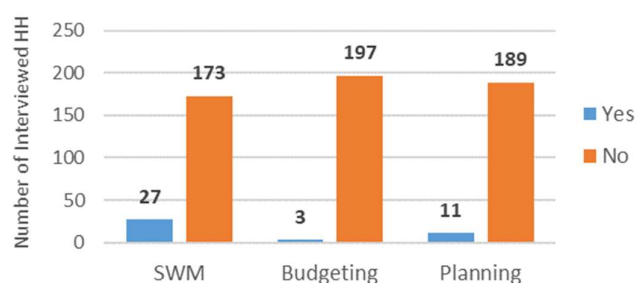
Even though, the actual budget allocation for the implementation of SWM is often approved/voted by the district and commune council and the local government have the flexibility to shift expenditures (particularly for SWM) within their budget without approval from their higher tiers except Kampong Tralach district due to budget allocation for SWM has not been considered yet. Community participation in SWM budgeting process is very limited. There is statement in SWM guideline in setting fee for SWM service delivery, see table 11 below.

Table 11: Monthly fees on SWM service that local administration has applies (by HH interview)

No.	Type of SWM users	Monthly SWM collection fee (USD) - by HH interview			
		Sub-decree	Angsnoul	Kg. Tralach	Stung Treng
1	Normal resident	\$1	0.5-8	0.5-3	\$0.5-3
2	Small business/shop	\$2.5	2-10	3-5	\$4-5
3	Guesthouse/small hotel	\$2.5	10-20	5-10	N/A
4	Factory/Industry	\$5	10-20	10-20	N/A

No.	Type of SWM users	Monthly SWM collection fee (USD) – by FGD with local government officials			
		Sub-decree	Angsnoul	Kg. Tralach	Stung Treng
1	Normal resident	\$1	\$1	\$1	\$1
2	Small business/shop	\$2.5	\$2.5-5	\$2.5-5	\$2.5
3	Guesthouse/small hotel	\$2.5	\$5-10	\$5-10	\$5
4	Factory/Industry	\$5	\$10-20	\$10-20	N/A

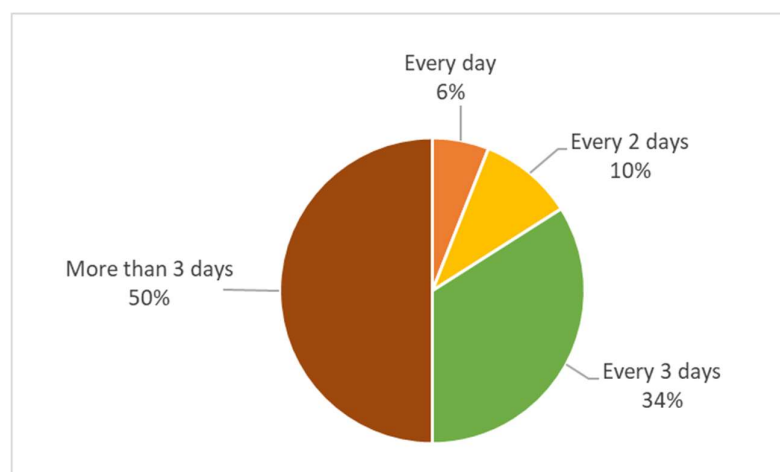
The local governance services have not fully taking into account to ensure inclusive and participatory approach in planning, budgeting, implementation and monitoring process



Number of population engaged in local government services is very limited. Among those 200 interviewed HH, only 27 HHs were consulted on SWM, 3 HHs were consulted on budgeting and 11 HHs were consulted on planning.

Figure 4: Number of HHs participated (have contributed) in the following consultation during the last 12 months

6.2.3. Number of local citizen access to SWM collection services (waste regularly collected according to the guideline set) - Indicator 1.3



Among 200 interviewed households in which 55 households said that they have access to SWM service collection (27.5%). Half of them filed complaints on delaying of SWM service collection that often delay SWM service delivery longer 3-4 days while a few of them satisfy on SWM service delivery once a day.

Figure 5: Regularity of SWM collection services at HH level

The baseline survey found that 16% of consumers (both local citizen and small business) satisfy with SWM service delivery due to regularly collection of wastes between 1 or 2 days (see figure 5). To identify the most satisfied number of SWM service consumers according to the guideline set, the consultant used the formula as shown below:

$$\text{Most satisfied SWM service consumers} = \frac{\text{Total SWM service consumers} \times 16}{100}$$

As summary in table 12, there are 468 (25%) local citizen households have access to SWM collection services in which 75 local citizen households have access to regular SWM collection service (waste regularly collected every 1-2 days).

6.2.4. Number of small business access to SWM collection services (waste regularly collected according to the guideline set) - Indicator 1.4.

There are 1,185 (67%) small business households have access to SWM collection services in which 190 small business households have access to regular SWM collection (waste regularly collected every 1-2 days), see table 12 - Indicator 1.4.

Table 12: Number and percentage of local citizen and small business households have access to SWM collection services (by village)

DM	CS	Village	Total Household	Local Citizen Household	Local Business Household	# Households have access to SWM service				Total access to SWM service	
						Local Citizen Household (A)	%	Local Business Household (B)	%	(A) +(B)	%
Ang Snoul	Bek Chan	Thmei	98	94	4	0	0%	0	0%	0	0%
		Trapaing Krasang	168	157	11	73	46%	7	64%	80	48%
		Tnaot Muoy Daeum	174	146	28	16	11%	20	71%	36	21%
	Damnak Ampil	Damnak Ampil	220	205	15	50	24%	10	67%	60	27%
		Kdan Roy	189	151	38	0	0%	4	11%	4	2%
Kampong Tralach	Long Vaek	Anlong Tnaot	280	150	130	64	43%	76	58%	140	50%
	Ou Ruessey	Sala Lekh Pram	541	241	300	145	60%	188	63%	333	62%
	Ta Ches	Svay Krom	265	259	6	0	0%	0	0%	0	0%
		Kampong Ta Ches	268	228	40	0	0%	0	0%	0	0%
Stueng Treng	Stung Treng	Phom Prek	1093	193	900	100	52%	700	78%	800	73%
		Phomspean Thmor	347	47	300	20	43%	180	60%	200	58%
3 DM	6 CS	11 villages	3,643	1,871	1,772	468	25%	1,185	67%	1653	45%

6.2.5. Number of complaints filed relating to SWM - Indicator 2.1

During the last 12 months, the local government have filled **15 complaints** related to SWM, most of complaints were reported through social media such as Facebook, Telegram and some complaints were raised during public forum with local governors (see figure 6).

6.2.6. Percentage of complaints relating to SWM that are addressed - Indicator 2.2

6 out of 15 (40%) of complaints relating to SWM have been addressed (see figure 6). As mentioned in section 6.2.5, the local authorities have tried to address the complaints case by case without using any filling system and have not been even recorded those cases but a few cases of complaints can be found on Facebook, as local people use this social media to wider share information. However, the local government has established accountability boxes to be used as complaint mechanism but community people do not realize or do not know how to use it or to send their complaints to local governors/authorities.

Number of complaints relating to SWM have been filed and addressed

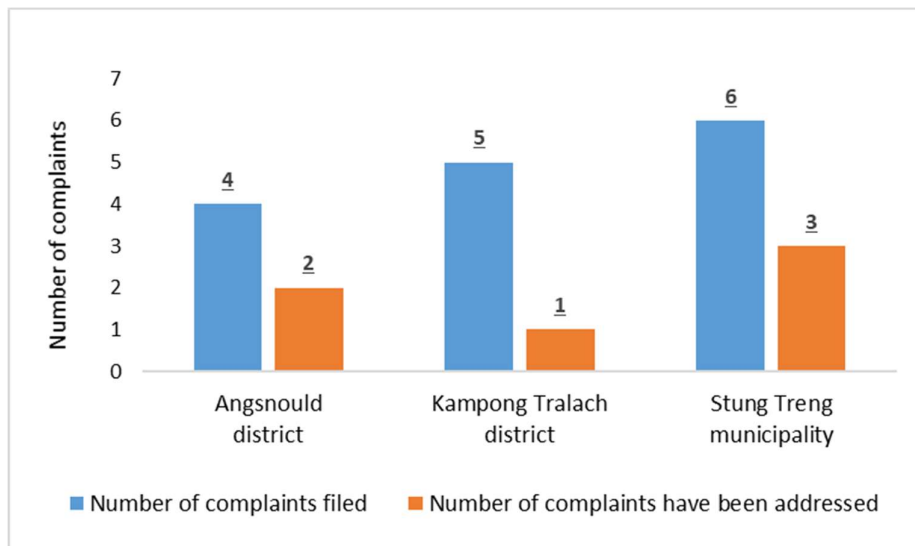


Figure 6: Number of complaints relating to SWM have been filed and addressed

6.2.7. Number of new DM/CS adopting the SWM model developed and tested under the project (structure and WP in place) - Indicator 3.1

It is noted that the project has just been recently implemented, the DM/CS is not able to either develop, test or adopt the SWM modeling yet

6.2.8. Number of new DM/CS plans to adopt the SWM model developed and tested under the project (DM/CS leader decision) - Indicator 3.2

It is noted that the project has just been recently implemented, the DM/CS is not able to either develop, test or adopt the SWM modeling yet

1. Conclusion and Recommendations

- There is no landfill in Angsnoul district and capacity of the existing SWM service providers is limited, likely target richer households who live along main roads. In 2019, the government will increase budget to improve SWM in Angsnoul district while the recurrent budget for 2018 allocated only 10,000\$ which was very much under estimated.
- There several local private businesses are providing SWM services (waste collection) and they registered except Angsnoul. They made agreement with local authorities to set SWM fee which is different from DM to another.
- A former SWM service provider creates serious conflict with the new recruited SWM service provider by telling to local business in the market to not pay monthly fee for SWM service.
- SWM fee was set below target and SWM service delivers mainly from households (not work well at the market) and another local private business collect wastes from factories (E.g. 20 \$ per track in Kampong Tralach).
- Based on FGD at commune levels, it is reported that Commune Chief attended several consultation meetings with DM but still haven't any SWM service provider recruited – community people are very much looking forward to use SWM services with reasonable price.
- Request MEF/MoE to make sure for waste collection budge must be provided municipality regularly.
- District governor and counselors have shown their commitment and expected government to increase budget for SWM (from the current budget frame 10,000 US\$ in 2018)
- Select or recruit the right company and increase awareness raising activities with the use of EIC materials and social media
- Develop guideline for implementation of SWM and re-enforce the implement of law and regulation E.g. Punish to those people who do not respect the law or regulation
- Encourage local people participate to do it with their budgeted contribution.
- Provide awareness raising to local business especially those market holders
- Enhance complaint mechanism led by governor
- Provide training on SWM with provision of IEC materials, equipment for SWM
- Establish village networking and provide training to them with demonstration practices
- Meeting, forum or establish talk shows on TV, radio
- Encourage local people participate all activity of local authority through cooperation.
- Continue awareness on SWM to local people include meeting, village visit and education.
- Strengthen collaboration among SWM service providers, promote community participation and SWM shall be mainstreamed in schools

2. Work plan

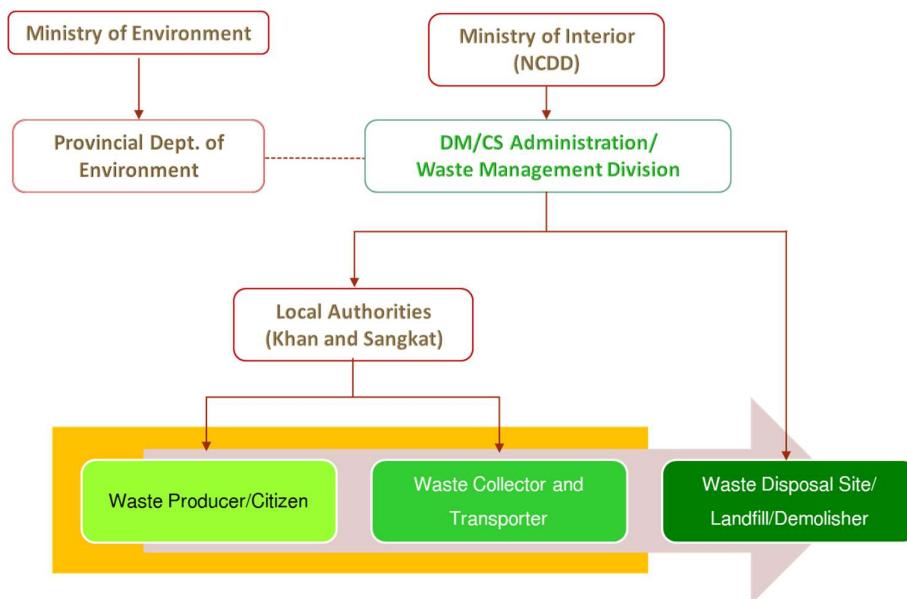
The outputs and specific deliverables in sequence, corresponding to the work and their corresponding target delivery dates are presented in table below.

No.	Activities	Dec 18				Jan 19				Feb 19				Mar 19				April 19			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
1	Desk review and draft data collection tools		x			x															
	Inception report with detailed workplan, survey design/ methodology, tools and report outlines							x	x	x											
2	Send UNDP letter, translate and test the data collection tools and review the results + modification if necessary ⁽ⁱ⁾									x	x	x									
	Data collection in the field completed ⁽ⁱⁱ⁾											x	x	x							
	Data cleaning, entry and analysis ⁽ⁱⁱⁱ⁾												x	x							
	Develop LOGOD dashboard with support from UNDP Expert from Regional Office												x	x							
	Preliminary research findings presented to UNDP internal team ⁽ⁱⁱⁱ⁾													x	x	x					
	Conducted the LOGOD validation workshop																x				
3	First draft baseline survey report submitted																x	x			
4	Baseline report finalized with reflect comments obtain from the dissemination meeting (relevant stakeholders) and final submission																	x	x	x	x

Note: Each deliverable was submitted to Project Manager, Program Analyst to review and approved by ACD-P

3. Annexes:

Annex 1: Structure of SWM



Annex 2: Indicator Definitions for LOGOD Survey

(Inclusive Governance for Service Delivery and Social Accountability Project)

Output 1	Selected DM/CS more able to perform their roles in local service delivery with a focus on SWM.																																																						
Unit Level Indicator	% of DM/CS councilors and officials reporting improvement in their performance as a result of training and other capacity development supports they receive from the project (by sex, age). Indicator 1.1																																																						
Definition/Survey Question	<p>The indicator will be measured at two different levels, DM and CS:</p> <ul style="list-style-type: none">Improvement in performance of DM: Ability to develop and implement annual workplan and budget plan including SWM service delivery, reporting, citizen participation and address citizen’s complaints/concerns.Improvement in performance of CS: Ability to develop and implement annual workplan and budget plan, reporting, citizen participation and address citizen’s complaints/concerns. <p>Questions to ask in the survey should follow a structure similar to the below:</p> <p>(a) Have you received training and capacity development support? Yes/No</p> <p>(b) If yes, do you think your performance has improved as a result of this training and support? Yes/No</p> <p>(DMs/CSs survey)</p>																																																						
Output 1	Selected DM/CS more able to perform their roles in local service delivery with a focus on SWM.																																																						
Unit Level Indicator	<p>Extent to which the design/development of key UNDP supported local governance services is inclusive and participatory. Indicator 1.2</p> <p>Rate: <input type="checkbox"/> Limited extent, <input type="checkbox"/> Moderate extent, <input type="checkbox"/> Great extent</p>																																																						
Definition/Survey Question	<p>To measure inclusivity and participation, a question similar to 4.2 of Survey Tool 3 should be incorporated into the survey:</p> <p>To what extent are the following categories of people are engaged in the DM/CS planning, budgeting, and monitoring process?</p> <table><tr><td></td><td>Planning (0/1)</td><td>Implementation (0/1)</td><td>Monitoring (0/1)</td><td>N/A (0/1)</td></tr><tr><td>Children</td><td></td><td></td><td></td><td></td></tr><tr><td>Elderly</td><td></td><td></td><td></td><td></td></tr><tr><td>Minority</td><td></td><td></td><td></td><td></td></tr><tr><td>Orphans</td><td></td><td></td><td></td><td></td></tr><tr><td>People with disability</td><td></td><td></td><td></td><td></td></tr><tr><td>Poor people</td><td></td><td></td><td></td><td></td></tr><tr><td>Widows</td><td></td><td></td><td></td><td></td></tr><tr><td>Women</td><td></td><td></td><td></td><td></td></tr><tr><td>Youth</td><td></td><td></td><td></td><td></td></tr></table> <p>(DMs/CSs and HHs survey)</p>						Planning (0/1)	Implementation (0/1)	Monitoring (0/1)	N/A (0/1)	Children					Elderly					Minority					Orphans					People with disability					Poor people					Widows					Women					Youth				
	Planning (0/1)	Implementation (0/1)	Monitoring (0/1)	N/A (0/1)																																																			
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People with disability																																																							
Poor people																																																							
Widows																																																							
Women																																																							
Youth																																																							

	The answer will be calculated as following: [0-9] is limited, [10-23] is Moderate, and [24- 27] is Great extent.
Output 1	Selected DM/CS more able to perform their roles in local service delivery with a focus on SWM.
Unit Level Indicator	Number of local citizens access to SWM collection services (waste regularly collected according to the guideline set). Indicator 1.3
Definition/Survey Question	The solid waste is regularly collected according to the guideline set. Counting at household level. Household survey question: Do you have access to waste collection services? (HHs survey)
Output 1	Selected DM/CS more able to perform their roles in local service delivery with a focus on SWM.
Unit Level Indicator	Number of small business access to SWM collection services (waste regularly collected according to the guideline set). Indicator 1.4
Definition/Survey Question	Small business refers to any sale of goods and/or services locally within targeted areas. Counting the number of business. Do you have access to waste collection services? (HHs survey)
Output 2	Local citizens more aware and empowered in service delivery process, with focus on SWM.
Unit Level Indicator	Number of complaints filed relating to SWM. Indicator 2.1
Definition/Survey Question	Is there complaints mechanism available in the targeted areas? If it is, which is the preferred channels? How many complaints relating to SWM were filed? Source: review DMs/CSs forum records and other complaints mechanisms
Output 2	Local citizens more aware and empowered in service delivery process, with focus on SWM.
Unit Level Indicator	Percent of complaints relating to SWM that are addressed. Indicator 2.2
Definition/Survey Question	Addressed here refers to the number of complaints that were responded to and/or addressed (both the on-going and resolved complaints). Source: review of DMs/CSs forum records and other complaints mechanism
Output 3	Lessons learned from the project shared and used effectively to scale-up and inform policy changes.
Unit Level Indicator	Number of new DM/CS adopting the SWM model developed and tested under the project (structure and WP in place). Indicator 3.1
Definition/Survey Question	The DM/CS has SWM structure and workplan are in place. Baseline data is 0
Output 3	Lessons learned from the project shared and used effectively to scale-up and inform policy changes.
Unit Level Indicator	Number of new DM/CS plans to adopt the SWM model developed and tested under the project (DM/CS leader decision). Indicator 3.2
Definition/Survey Question	DM/CS leader decision: minute meetings, expression of leader in addressing SWM in public events, incorporate SWM in annual DM/CS annual workplan/budget plan. Baseline data is 0

Annex 3: Additional data generation and graphs were prepared for BRH of UNDP

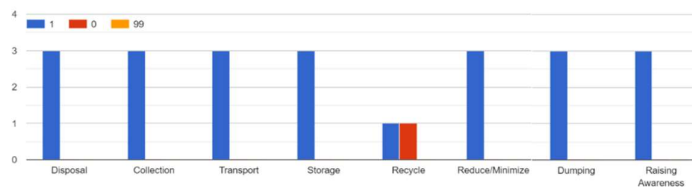
Tool 1.

1. Are there SWM guidelines or regulations in place at the local administration level? [1=Yes, 0=No, 99=Don't know]

3 responses

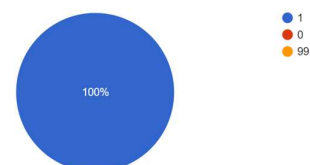


2. If yes, what does the SWM guideline cover? [1=Yes, 0=No, 99=Don't know]

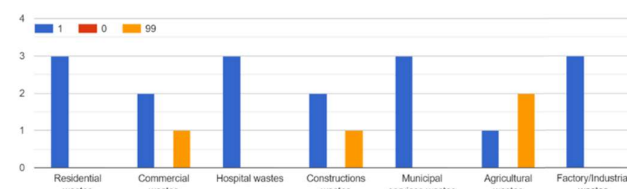


3. Does the guideline allow the local authorities to manage solid wastes in their jurisdictions? [1=Yes, 0=No, 99=Don't know]

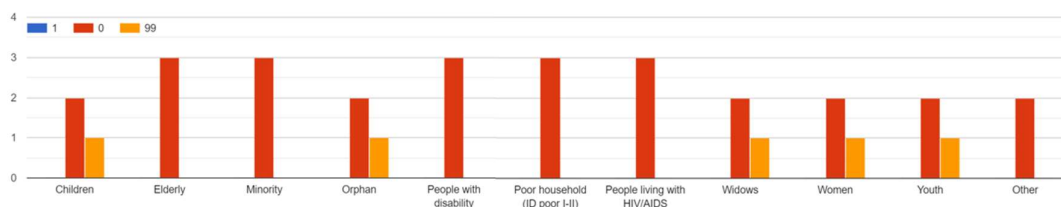
3 responses



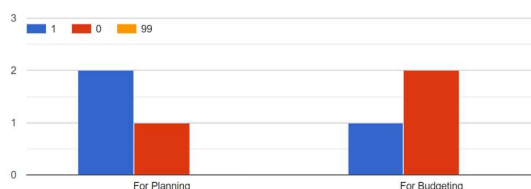
5. Does the guideline disaggregate among sources of solid wastes? If yes which one? [1=Yes, 0=No, 99=Don't know]



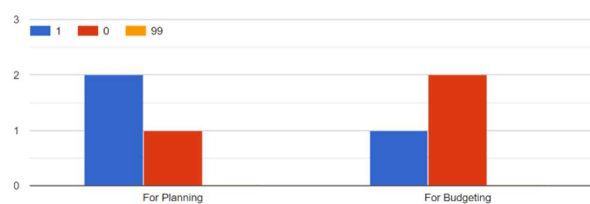
4. Does the guideline take into account vulnerable groups, if which group? [1=Yes, 0=No, 99=Don't know]



6.a. Is community participatory approach (CPA) used in planning and budgeting process? [1=Yes, 0=No, 99=Don't know]

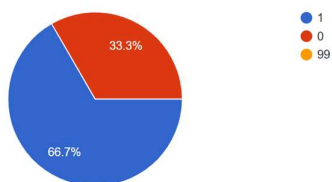


6.b. If yes, CPA included SWM [1=Yes, 0=No, 99=Don't know]



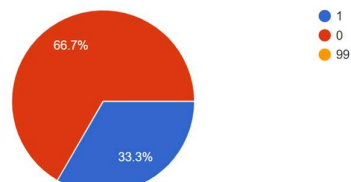
7. Is the budget allocation for SWM approved/voted by the local council? [1=Yes, 0=No, 99=Don't know]

3 responses



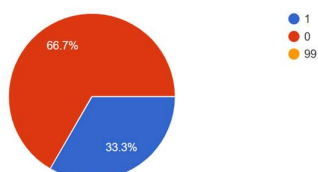
8. Is the annual budget allocated for SWM at district/commune level? [1=Yes, 0=No, 99=Don't know]

3 responses



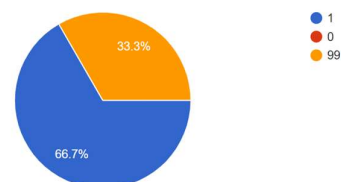
9. Does the local government have the flexibility to shift expenditures (particularly for SWM) within their budget without approval from the higher tier? [1=Yes, 0=No, 99=Don't know]

3 responses



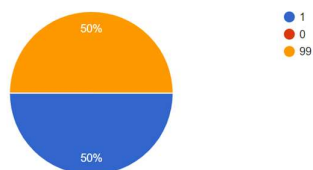
12.a. Does the local administration have the authority to engage private sector partnership for SWM? [1=Yes, 0=No, 99=Don't know]

3 responses



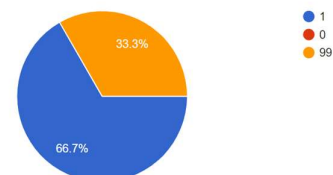
12.c. Does the local administration have the authority to engage private sector partnership for SWM? [1=Yes, 0=No, 99=Don't know]

2 responses



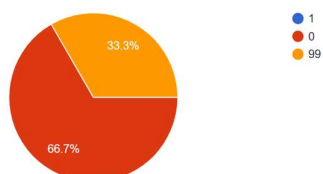
13. Is there an existing guideline on the circular economy (reduce, reuse, recycle)? [1=Yes, 0=No, 99=Don't know]

3 responses



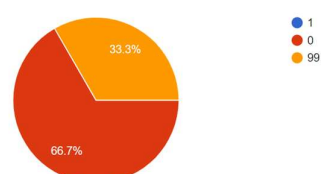
14.a. Does the local administration have taxation powers (tax base, tax rates) and create their own local revenue? [1=Yes, 0=No, 99=Don't know]

3 responses



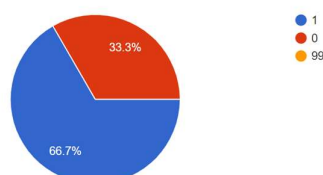
14.d. Does the local administration have taxation powers (tax base, tax rates) and create their own local revenue? [1=Yes, 0=No, 99=Don't know]

3 responses



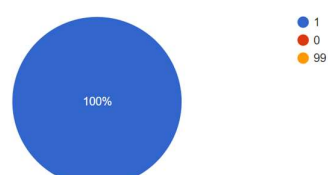
16.a. Does the legal framework for D&D agenda (Decentralization and Deconcentration) provide clear guidance on the roles of local administrations with regards to SWM? [1=Yes, 0=No, 99=Don't know]

3 responses



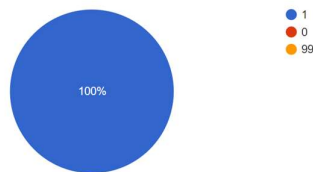
16.c. Does the legal framework for D&D agenda (Decentralization and Deconcentration) provide clear guidance on the roles of local administrations with regards to SWM? [1=Yes, 0=No, 99=Don't know]

3 responses



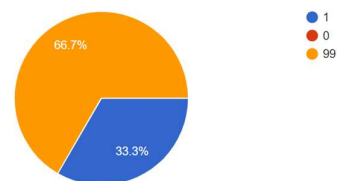
17.a. Does the local administration have standing committee / working group / unit responsible for SWM? [1=Yes, 0=No, 99=Don't know]

3 responses



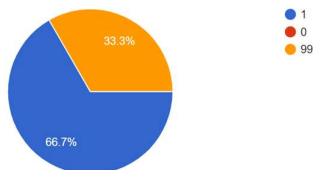
17.c. Does the local administration have standing committee / working group / unit responsible for SWM? [1=Yes, 0=No, 99=Don't know]

3 responses



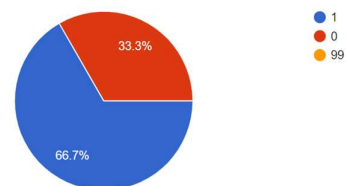
18. Are there any guidelines/instruction letters for coordination among stakeholders responsible for SWM service delivery at D/M level? [1=Yes, 0=No, 99=Don't know]

3 responses



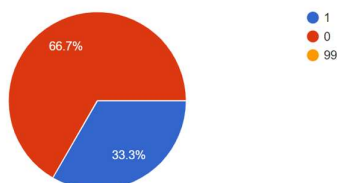
19. Are there training/capacity development on SWM provided to the local administration? [1=Yes, 0=No, 99=Don't know]

3 responses



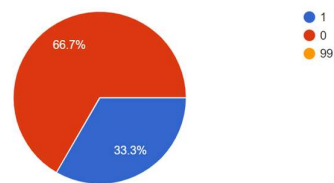
20. Is the progress of SWM included in the quarterly and annual report submitted to the councilor? [1=Yes, 0=No, 99=Don't know]

3 responses

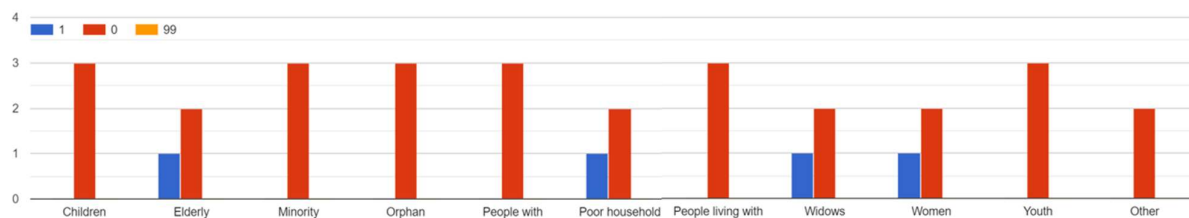


21. Are CSOs/NGOs included in the local government development plans? [1=Yes, 0=No, 99=Don't know]

3 responses

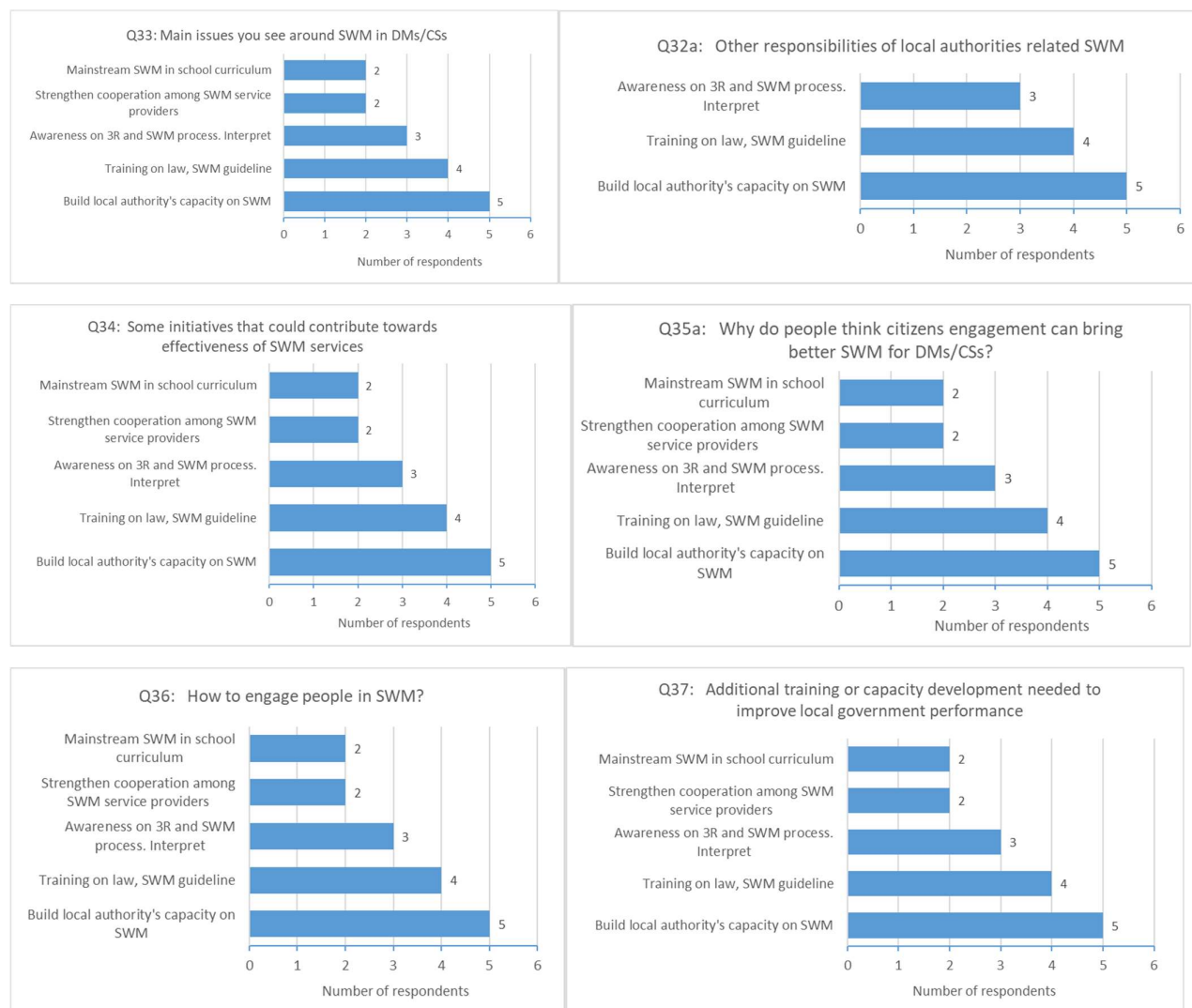


22. Are vulnerable groups considered in the planning and budgeting process? If yes which VG? [1=Yes, 0=No, 99=Don't know]



Tool 2.





Annex 4: List of Coding

Coding for Tool 2	
Question	
1	: 1=Yes, 0=No, 99=Don't Know
2	: 1=Yes, 0=No
3	4=Very frequently : 3=Frequently, 2=Occasionally, 1=Rarely
4	: 1=Yes, 0=No, 99=Don't Know
5	: 1=Yes, 0=No
6	: 1=Yes, 0=No, 99=Don't Know
7	: 1=Yes, 0=No
8	: 3=Completely changed, 2=Major changes, 1=Minor change, 0=No change, 99 Don't know
9	5=LG work better, 4=More wastes and more responsibilities, 3=More often meeting, 2=Closer monitor, 1=Increase number : of waste transport, 0=Lack of awareness and poor cooperation
10	: 1=Yes, 0=No, 99=Don't Know
11	1=Changed SWM service provider, 2=Multi SWM service provider, 3=SWM service provider haven't registered yet, 4=Service : providers remained the same, 5=Former SWM service provider don't cooperate, 0=No SWM service provider at all
12	: 1=Yes, 0=No, 99=Don't Know
13	0=No landfill in the DM, 1=Limited capacity of SWM service, 2=D&D on SWM haven't been fully in place, 3=Government : commits to increase budget for better SWM, 4=Lack of community participation, 5=Lack of coordination between SWM
14	: 3= Good understanding, 2=Some understanding, 1=Little understanding, 0=No
15	: Tests
16	: 3=Full adequacy, 2=Some adequacy, 1=Little adequacy, 0=Inadequate, 99=Don't know
17	: Percentage
18	: 1=Yes, 0=No, 99=Don't Know
18.1	1=Have but small scale, 2=Daily site visit, 3=DM organize meeting with SWM service provider, 4=Committee has been : established to monitor, 5=Verbal feedback or call to DM/CS
19	: 1=Yes, 0=No, 99=Don't Know
20	0=Don't have monitoring/complaint mechanism, 1=Report directly to DM/CS chief, 2=Daily monitoring by local security guards monitor, 3=Meeting/forum with local people and factory representative, 4=Use social media (Facebook, Telegram), : 5=Use suggestion boxes
21	: Number
22	: Number
23	: 1=Yes, 0=No
24	: 1=Yes, 0=No
25	1=Meeting/forum, 2=Focus on waste collection, 3=Awareness raising, 4=Work together, 5=Mainstream SWM in school with : educational materials
26	: 1=Selected, 0=Not selected
27	: 5=Very sufficient, 4=Sufficient, 3=Moderately sufficient, 2=Somewhat sufficient, 1=Insufficient
28	: 0=No plan, 1=Yes, with budget allocated for SWM, 2=Yes, but no budget allocated for SWM,
28.1	0=No plan, 1=Yes, with budget allocated for SWM, 2=Yes, but no budget allocated for SWM,
28.2	0=No plan, 1=Yes, with budget allocated for SWM, 2=Yes, but no budget allocated for SWM,
29	: 1=Yes, 0=No
30	: 1=Yes, 0=No
31	4=Excellent, 3= Very good, 2=Good, 1= Little, 0=Not improved
32	: 1=Yes, 0=No
32a	1=Organize environment cleaning campaign, 2=Encourage school principal and teachers to mainstream SWM in curriculum, 3=Mobilize local resources
33	1=People do not respect the law or regulation, 2= Resources and SWM services are inadequate, 3=Rapid increase of urban/factories and wastes while community infrastructure is not ready, 4=Lack of cooperation between local authority, people and private service provider, 5=Poor participation and lack of awareness among local people and garment factory
34	1=Decentralize to district government, 2=Increase government budget for SWM, 3=Improve standard of SWM services, 4=Increase awareness raising and law enforcement, 5=Promote community participation and complaint mechanism
35	: 1=Yes, 0=No, 99=Don't Know
35a	1=They are agents for changes, 2=SWM belong to everyone, 3=For their health and environment, 4=Citizens are users and supporters, 5=Local government cannot manage without citizens
36	1=Establish village networking, 2=Training with demonstration practices and incentive, 3=Invite people to participate in all SWM activities, 4=Apply rules, regulations and law, 5=Home visiting with education and awareness raising
37	1=Build local authority's capacity on SWM, 2=Training on law, SWM guideline, 3=Awareness on 3R and SWM process, 4=Strengthen cooperation among SWM service providers, 5=Mainstream SWM in school curriculum

Coding for T3	
	(i) Age of interviewee
	(ii) Sex of interviewee
	(iii) Level of education of Interviewee: 1=Primary education, 2=Lower Secondary, 3=Upper Secondary, 4=Bachelor or polytechnic, 5=Master, 6=PhD
	(iv) Type of occupation of Interviewee: 1=Local business, 2=Farmer, 3=Worker, 4=Service Servant, 5=Housewife, 6=Others (unemployment, retired, 6=Look after grandchildren)
Question	
1	: A=0, B=1-3, C=4-7, D=8-14, E>14
1.1	: For those who use more than 20 plastic items per day are shop keeper or sellers and mostly pack goods away
2	: 1=Yes, 0=No
3	: 0=Don't realize the problem, 1=No trash bin, 2=No collection service, 3=Plastic bags flying, 4=Bad smell, bad for health
4	: 0=Don't realize the problem, 1=No trash bin, 2=No collection service, 3=Plastic bags flying, 4=Bad smell, bad for health
5.1	: 1=Yes, 0=No
5.2	: 1=Yes, 0=No
5.3	: 1=No time, 2=No equipment/material, 3=Simplae practices to save plastic bottles for selling, 4=Too little waste, 5=Just burn
6	: 1=Yes, 0=No, 99=Don't know
7	: 1=Yes, 0=No
8	: 1=Yes, 0=No
9	: 1=Yes, 0=No
10	: 1=Yes, 0=No
11	: 1=Yes, 0=No, 99=Don't know
12	: 1=Yes, 0=No
13	: 1=Yes, 0=No
14	: 1=Yes, 0=No
15	: 1=Yes, 0=No
16	: A=Local government, B=Private company, C=International Organization/NGO, D=Joint government and private company, E=No service provided, F=Other
17	: In US Dollar
18	: 1=Every day, 2=Every 2 days, 3=Every 3 days, 4=More than 3 days
19	: 5=Excellent, 4=Good, 3=Fair, 2=Poor, 1=No service, 0=Don't know
20	: 1=Yes, 0=No
21	: 1=Yes, 0=No, 99=Don't know
22	: 1=Yes, 0=No, 99=Don't know
23	: 1=Yes, 0=No
24	: 1=Yes, 0=No
25	: 1=Yes, 0=No, 99=Don't know
26	: 1=Yes, 0=No, 99=Don't know
27	: 1=Verbal complaining to village chief, 2=to market chief, 3=To environment official, 4=SWM service provider
28	: 1=Yes, 0=No, 99=Don't know
29	: 1=Yes, 0=No, 99=Don't know
30	: 1=Yes, 0=No
31	: 1=Yes, 0=No
32	: 1=Identify landfill with flood protection, 2=Improve road infrastructure, 3=Community awareness raising on SWM, 4=Standardize SWM service provider, 5=Promote community participation, 6=No idea

Annex 5: Data Collection Tools

Tool 1: Status of local Government and decentralization

(For both Desk review/FGD at DM)

General information

ព័ត៌មានទូទៅ

Interview Date: _____

ថ្ងៃខែសម្ភាសន៍

Surveyor Name: _____

ឈ្មោះអ្នកសួរ (សម្ភាសន៍)

District/municipal: _____

ឈ្មោះស្រុក ឬក្រុង

Commune/Sankhat: _____

ឈ្មោះឃុំ ឬសង្កាត់

Respondents' information: their title/roles and office.

Title/roles of respondents តួនាទីរបស់អ្នកឆ្លើយសម្ភាសន៍	Office ការិយាល័យធ្វើការរបស់ អ្នកឆ្លើយសម្ភាសន៍	Number of respondents ចំនួនអ្នកឆ្លើយសម្ភាសន៍	
		Number of Men ចំនួនបុរស	Number of women ចំនួនស្ត្រី

A. Legal Framework

ក្របខ័ណ្ឌការងារផ្នែកច្បាប់

1. Are there SWM guidelines or regulations in place at the local administration level?
តើនៅរដ្ឋបាលថ្នាក់ក្រោមជាតិមាន សេចក្តីណែនាំ ឬបទបញ្ជាស្តីពីការគ្រប់គ្រងសំរាម និងកាកសំណល់រឹង ដែរឬទេ ?

☐ Yes មាន

☐ Yes មាន

☐ No មិនមានទេ

☐ No មិនមានទេ

☐ Don't know មិនដឹងទេ

2. If yes, what does the SWM guideline cover?
ប្រសិនបើមាន តើសេចក្តីណែនាំ ឬបទបញ្ជាទាំងនោះ មានបញ្ចូលខ្លឹមសារអ្វីខ្លះ ?

	Yes មាន	No គ្មាន
Disposal ការចោលសំរាម	<input type="checkbox"/>	<input type="checkbox"/>
Collection ការប្រមូលសំរាម	<input type="checkbox"/>	<input type="checkbox"/>
Transport ការដឹកជញ្ជូនសំរាម	<input type="checkbox"/>	<input type="checkbox"/>
Storage ការទុកដាក់សំរាម	<input type="checkbox"/>	<input type="checkbox"/>

	Yes មាន	No គ្មាន
Recycle ការច្នៃកាកសំណល់	<input type="checkbox"/>	<input type="checkbox"/>
Minimize ការកាត់បន្ថយសំរាម	<input type="checkbox"/>	<input type="checkbox"/>
Dumping ការចាក់ចោលសំរាម	<input type="checkbox"/>	<input type="checkbox"/>
Raising awareness លើកកម្ពស់ការយល់ដឹង	<input type="checkbox"/>	<input type="checkbox"/>

3. Does the guideline allow the local authorities to manage solid wastes in their jurisdictions?
តើសេចក្តីណែនាំបានជួយអាជ្ញាធរមូលដ្ឋានក្នុងគ្រប់គ្រងសំរាម និងកាកសំណល់រឹង នៅក្នុងតំបន់រដ្ឋបាលរបស់ពួកគាត់ដែរ
ឬទេ ?

☐ Yes មាន

☐ No មិនមានទេ

☐ Yes មាន

☐ No មិនមានទេ

☐ Don't know មិនដឹងទេ

4. Does the guideline take into account vulnerable groups?
តើសេចក្តីណែនាំបានយកចិត្តទុកដាក់ដល់ក្រុមងាយរងគ្រោះដែរឬទេ ?

	Yes បាន	No មិនបាន
Children កុមារ	<input type="checkbox"/>	<input type="checkbox"/>
Elderly ចាស់ជរា	<input type="checkbox"/>	<input type="checkbox"/>
Minority ជនជាតិដើមភាគតិច	<input type="checkbox"/>	<input type="checkbox"/>
Orphan កុមារកំព្រា	<input type="checkbox"/>	<input type="checkbox"/>
People with disability ជនពិការ	<input type="checkbox"/>	<input type="checkbox"/>
Poor HH (ID poor I-II) គ្រួសារក្រីក្រ (កម្រិត ១-២)	<input type="checkbox"/>	<input type="checkbox"/>

	Yes បាន	No មិនបាន
People living with HIV/AIDS អ្នកផ្ទុកមេរោគអ៊ីវ/អេដស៍	<input type="checkbox"/>	<input type="checkbox"/>
Widows ស្រ្តីមេម៉ាយ	<input type="checkbox"/>	<input type="checkbox"/>
Women ស្រ្តី	<input type="checkbox"/>	<input type="checkbox"/>
Youth យុវជន	<input type="checkbox"/>	<input type="checkbox"/>
Other _____ ផ្សេងទៀត	<input type="checkbox"/>	<input type="checkbox"/>
Don't know មិនដឹងទេ	<input type="checkbox"/>	<input type="checkbox"/>

4.1. Note: _____

5. Does the guideline disaggregate among sources of solid wastes? Can select more than 1
តើសំរាម និងកាកសំណល់រឹងទាំងនោះមានប្រភពមកពីណាខ្លះ? (អាចគូសបានលើសពី ១)

☐ Residential តាមផ្ទះប្រជាពលរដ្ឋ

☐ Commercial តាមផ្សារ ឬផ្ទះអាជីវករ

☐ Institutional តាមស្ថាប័ន

☐ Constructions តាមការដ្ឋានសំណង់

☐ Municipal services សេវាសាធារណៈនានា

☐ Agricultural កាកសំណល់កសិកម្ម

☐ Factory/Industrial រោងចក្រ/ឧស្សាហកម្ម

6. Is community participatory approach (CPA) used in planning and budgeting process?

តើដំណើរការរៀបចំផែនការ និងថវិកា បានប្រើវិធីសាស្ត្រចូលរួមដែរឬទេ ?

	6a. Participatory approach តើបានប្រើវិធីសាស្ត្របែបចូលរួមនេះដែរឬទេ ?			6b. If yes, is SWM included? ប្រសិនបើបានប្រើវិធីសាស្ត្រនេះ តើបាន បញ្ចូលការងារគ្រប់គ្រងសំរាម និងកាក សំណល់រឹងដែរឬទេ ?
	Yes បានប្រើ	No មិនបានប្រើទេ	Don't know មិនដឹងទេ	
Planning ការរៀបចំផែនការ	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes, <input type="checkbox"/> No, <input type="checkbox"/> Don't know មិនដឹងទេ
Budgeting ការរៀបចំថវិកា	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes, <input type="checkbox"/> No, <input type="checkbox"/> Don't know មិនដឹងទេ

B. Fiscal Dimension

ផ្នែកថវិកា

7. Is the budget allocation for SWM approved/voted by the local council?

តើការវិភាគថវិកាសម្រាប់ការគ្រប់គ្រងសំរាម និងកាកសំណល់រឹង ត្រូវបានអនុម័ត ឬបោះឆ្នោតដោយក្រុមប្រឹក្សានៅថ្នាក់មូលដ្ឋាន មែនដែរឬទេ ?

☐ Yes មាន

☐ Yes មាន

☐ No មិនមានទេ

☐ No មិនមានទេ

☐ Don't know មិនដឹងទេ

8. Is the annual budget allocated for SWM at district/commune level?

តើថវិកាប្រចាំឆ្នាំត្រូវបានវិភាគសម្រាប់ការគ្រប់គ្រងសំរាម និងកាកសំណល់រឹង នៅថ្នាក់ស្រុកឬក្រុង និងឃុំឬសង្កាត់ មែនដែរឬទេ ?

☐ Yes មាន

☐ Yes មាន

☐ No មិនមានទេ

☐ No មិនមានទេ

☐ Don't know មិនដឹងទេ

9. Does the local government have the flexibility to shift expenditures (particularly for SWM) within their budget without approval from the higher tier?

តើអាជ្ញាធរមូលដ្ឋានមានលទ្ធភាពបត់បែនក្នុងការសម្រេចបន្ថែមបន្ថយការចំណាយ ដែរឬទេ (ជាពិសេស ការចំណាយលើការគ្រប់គ្រងសំរាម និងកាកសំណល់រឹង) ដោយប្រើប្រាស់ខ្លួនថវិកាដែលបានអនុម័ត ដោយមិនចាំបាច់ស្នើសុំសេចក្តីសម្រេច ឬយល់ព្រមបន្ថែមឡើយ ?

☐ Yes មាន

☐ Yes មាន

☐ No មិនមានទេ

☐ No មិនមានទេ

☐ Don't know មិនដឹងទេ

10. If yes, how much from the total annual budget can be shifted? _____ USD

ប្រសិនបើបាទ ឬចាស តើកម្រិតបត់បែននៃថវិកាវិភាគសម្រាប់ឆ្នាំមានចំនួនប៉ុន្មានដែរ ?

11. Is there a limit to the fees on SWM services that the local administration charge? _____ USD

តើមានការកំណត់តម្លៃសេវាប្រមូលសំរាម ឬកាកសំណល់រឹងតាមផ្ទះ តាមផ្សារ ឬរោងចក្រ ដែរឬទេ ប៉ុន្មានដុល្លារ ក្នុង ១ខែ ?

12. Does the local administration have the authority to engage private sector partnership for SWM? តើអាជ្ញាធរមូលដ្ឋានមានសិទ្ធិអំណាច ក្នុងការគៀរគរធនធានពីវិស័យឯកជនដែលជាសហប្រតិបត្តិការក្នុងការគ្រប់គ្រងសំរាម និងកាកសំណល់រឹង ដែរឬទេ ?

13. 12a. and 12b.

☐ Yes, example

មាន ឧទាហរណ៍: _____

☐ No មិនមានទេ

12c. and 12d.

☐ Yes, describe type of engagement

មាន សូមរៀបរាប់ _____

☐ No មិនមានទេ

☐ Don't know មិនដឹងទេ

14. Is there an existing guideline on the circular economy (reduce, reuse, recycle)?

តើសេចក្តីណែនាំមានបញ្ជាក់លម្អិតអំពីគោលការណ៍ទាំង ៣ នៃគ្រប់គ្រងសំរាម និងកាកសំណល់រឹង (កាត់បន្ថយ ច្នៃឡើងវិញ និងប្រើប្រាស់ឡើងវិញ) ដែរឬទេ ?

☐ Yes មាន

☐ No មិនមានទេ

☐ Yes មាន

☐ No មិនមានទេ

☐ Don't know មិនដឹងទេ

15. Does the local administration have taxation powers (tax base, tax rates) and create their own local revenue?

តើអាជ្ញាធរមូលដ្ឋានបានកំណត់ការទាញ (ពន្ធដារមូលដ្ឋាន និងអត្រាពន្ធ) និងបង្កើតឲ្យមានប្រភពចំណូលនៅថ្នាក់មូលដ្ឋាន ដែរឬទេ ?

14a. and 14b.

☐ Yes, example

មាន ឧទាហរណ៍

14d. and 14e.

☐ Yes, how

សូមរៀបរាប់ តើកំណត់របៀបណាដែរ ?

14c.

☐ No, comment

គ្មានទេ ហេតុអ្វី

14f.

☐ No, comment

គ្មានទេ ហេតុអ្វី

☐ Don't know មិនដឹងទេ

16. What is the percentage of revenue generated from SWM to the total annual revenue?__ (in USD) Open-ended

តើប្រាក់ចំណូលដែលបានមកពីសេវាគ្រប់គ្រងសំរាម និងកាកសំណល់រឹង មានប៉ុន្មានភាគរយ ប្រៀបធៀបជាមួយថវិកាសរុបប្រចាំឆ្នាំ ? _____ (គិតជាដុល្លារអាមេរិក) សូមរៀបរាប់បន្ថែម _____

17. Does the legal framework for D&D agenda (Decentralization and Deconcentration) provide clear guidance on the roles of local administrations with regards to SWM?

តើក្របខណ្ឌការងារនៅថ្នាក់មូលដ្ឋាន សម្រាប់កម្មវិធីវិមជ្ឈការ និងសហវិមជ្ឈការ មានឬបានផ្តល់ការណែនាំច្បាស់លាស់ ស្តីពីតួនាទីរបស់រដ្ឋបាលនៅថ្នាក់មូលដ្ឋាន ពាក់ព័ន្ធការងារគ្រប់គ្រងសំរាម និងកាកសំណល់រឹង ដែរឬទេ ?

16a. and 16b.

☐ Yes, describe

ប្រសិនបើមាន ឧទាហរណ៍ _____

16c. and 16d

☐ Yes, describe the framework or the guidance_មាន

ប្រសិនបើមាន សូមរៀបរាប់ក្របខណ្ឌការងារនោះ ឬសេចក្តី

ណែនាំទាំងនោះ: _____

☐ No គ្មានទេ

☐ No គ្មានទេ

☐ Don't know មិនដឹង

B. Administrative Dimension

ផ្នែករដ្ឋបាល

18. Does the local administration have standing committee / working group / unit responsible for SWM?

តើមានគណៈកម្មការ ឬក្រុមការងារ ឬផ្នែកទទួលខុសត្រូវ ទៅលើការគ្រប់គ្រងសំរាម និងកាកសំណល់រឹងដែរឬទេ ?

17a. and 17b.

17c. and 17d.

☐ Yes, please explain _____

☐ Yes, please explain _____

មាន ប្រសិនបើមាន សូមពន្យល់

មាន ប្រសិនបើមាន សូមពន្យល់

☐ No មិនមានទេ

☐ No មិនមានទេ

☐ Don't know មិនដឹងទេ

19. Are there any guidelines/instruction letters for coordination among stakeholders responsible for SWM service delivery at D/M level?

តើមានសេចក្តីណែនាំ ឬលិខិតណែនាំ ដើម្បីសម្របសម្រួលជាមួយដៃគូ ឬភាគីពាក់ព័ន្ធនានា ដែលទទួលខុសត្រូវលើការផ្តល់សេវាគ្រប់គ្រងសំរាម និងកាកសំណល់រឹង នៅថ្នាក់ស្រុក ឬក្រុងដែរឬទេ ?

☐ Yes មាន

☐ Yes មាន

☐ No មិនមានទេ

☐ No មិនមានទេ

☐ Don't know មិនដឹងទេ

20. Are there training/capacity development on SWM provided to the local administration?

តើមានផ្តល់ការបណ្តុះបណ្តាល ឬការអភិវឌ្ឍសមត្ថភាព ចំពោះអាជ្ញាធរមូលដ្ឋាន ស្តីពីការគ្រប់គ្រងសំរាម និងកាកសំណល់រឹងដែរឬទេ ?

☐ Yes មាន

☐ Yes មាន

☐ No មិនមានទេ

☐ No មិនមានទេ

☐ Don't know មិនដឹងទេ

21. Is the progress of SWM included in the quarterly and annual report submitted to the councilor?

តើវឌ្ឍនភាពនៃការគ្រប់គ្រងសំរាម និងកាកសំណល់រឹង មានឬបានសរសេរបញ្ចូលទៅក្នុងរបាយការណ៍ប្រចាំត្រីមាស និងឆ្នាំ ហើយបានផ្ញើជូនទៅក្រុមប្រឹក្សា ដែរឬទេ

☐ Yes មាន

☐ Yes មាន

☐ No មិនមានទេ

☐ No មិនមានទេ

☐ Don't know មិនដឹងទេ

22. Are CSOs/NGOs included in the local government development plans?

តើផែនការអភិវឌ្ឍន៍របស់អាជ្ញាធរមូលដ្ឋាន មានឬបានដាក់បញ្ចូលអង្គការសង្គមស៊ីវិល អង្គការក្រៅរដ្ឋាភិបាល ដែរឬទេ ?

☐ Yes មាន

☐ Yes មាន

☐ No មិនមានទេ

☐ No មិនមានទេ

☐ Don't know មិនដឹងទេ

23. Are vulnerable groups considered in the planning and budgeting process?

តើក្រុមងាយរងគ្រោះត្រូវបានយកចិត្តទុកដាក់ចូលរួមនៅក្នុងដំណើរការរៀបចំផែនការ និងថវិកាដែរឬទេ?

	Yes បាន	No មិនបាន		Yes បាន	No មិនបាន
Children កុមារ	<input type="checkbox"/>	<input type="checkbox"/>	People living with HIV/AIDS អ្នកផ្ទុកមេរោគហ៊ីវ/អេដស៍	<input type="checkbox"/>	<input type="checkbox"/>
Elderly ចាស់ជរា	<input type="checkbox"/>	<input type="checkbox"/>	Widows ស្រ្តីមេម៉ាយ	<input type="checkbox"/>	<input type="checkbox"/>
Minority ជនជាតិដើមភាគតិច	<input type="checkbox"/>	<input type="checkbox"/>	Women ស្រ្តី	<input type="checkbox"/>	<input type="checkbox"/>
Orphan កុមារកំព្រា	<input type="checkbox"/>	<input type="checkbox"/>	Youth យុវជន	<input type="checkbox"/>	<input type="checkbox"/>
People with disability ជនពិការ	<input type="checkbox"/>	<input type="checkbox"/>	Other _____ ផ្សេងទៀត	<input type="checkbox"/>	<input type="checkbox"/>
Poor HH (ID poor I-II) គ្រួសារក្រីក្រ (កម្រិត ១-២)	<input type="checkbox"/>	<input type="checkbox"/>	Don't know មិនដឹងទេ	<input type="checkbox"/>	<input type="checkbox"/>

24. Please describe the SWM process when the MOE was in charge. Open-ended

រៀបរាប់អំពីដំណើរការនៃការ គ្រប់គ្រងសំរាម និងកាកសំណល់រឹង កាលពីក្រសួងបរិស្ថានទទួលខុសត្រូវនៅពេលនោះ?

25. Who were the key stakeholders/service providers? Open-ended

តើមានភាគីពាក់ព័ន្ធណាខ្លះ ឬមានអ្នកណាខ្លះចូលរួមក្នុងនាមជាអ្នកផ្តល់សេវាកម្ម? សូមរៀបរាប់ _____

26. Additional Information and other comments

ព័ត៌មានបន្ថែម និងយបល់ផ្សេងទៀត _____

Desk review only.

27. SWM public finance management

ការគ្រប់គ្រងថវិកាសាធារណៈក្នុងផ្នែកគ្រប់គ្រងសំរាម និងកាកសំណល់រឹង

Secondary data collection for SWM public finance management			Year ឆ្នាំ				
ទិន្នន័យមានស្រាប់ ការគ្រប់គ្រងថវិកាសាធារណៈក្នុងផ្នែកគ្រប់គ្រងសំរាម និងកាកសំណល់រឹង			2015	2016	2017	2018	2019
ចំណូលសរុប Revenue	ផែនការ Plan	Govt. Transferred ផ្ទេរពីថវិកាជាតិ					
		Own sources ប្រភពចំណូលនៅមូលដ្ឋាន					
		SWM service charge ចំណូលពីសេវាប្រមូលសំរាម និងកាកសំណល់រឹង					
	ជាក់ស្តែង Actual	Govt. Transferred ការផ្ទេរថវិកាជាតិ					
		Own sources ប្រភពចំណូលនៅមូលដ្ឋាន					
		SWM service charge ចំណូលពីសេវាប្រមូលសំរាម និងកាកសំណល់រឹង					
ការចំណាយ Expenditures	ផែនការ Plan	Recurrent Cost ចំណាយជាប្រចាំលើការគ្រប់គ្រងសំរាម និងកាកសំណល់រឹង					
		Capital Development សរុបទុនអភិវឌ្ឍន៍					
	ជាក់ស្តែង Actual	Recurrent Cost ចំណាយជាប្រចាំលើការគ្រប់គ្រងសំរាម និងកាកសំណល់រឹង					
		Capital Development សរុបទុនអភិវឌ្ឍន៍					

Note:

☐ = tick in square box for any answer from desk review

☐ = tick in oval box for any answer from FGD

Initial desk review with given reading materials/documents to be made by the consultant and follow by focus group discussion (FGD)/interviewing with DM/CS council and leaders and officers for validation. At least 12 FGDs including 3 FGDs with DM council members, 3 FGDs with DM leaders/governors and officials, and 6 FGDs with CS council members.

- (i) 3 FGD with the DM council members (including council chief and other 4 members who responsible for public function, finance and budgeting, planning, and woman and children welfare). 1 FGD per district, total 3 districts.
- (ii) 3 FGD with DM leaders and officers composes of 4-6 persons (including deputy DM governor responsible for SWM, 1 administrative director or deputy director, planning office chief, administration and budget office chief, inter-sectors office chief, and chief of procurement unit). 1 FGD per district, total 3 districts.

- (iii) 6 FGD with CS council composes of 3-5 persons include CS council chief, and 2-4 other members responsible for public functions, economic, development, planning and budgeting and women and children welfares. 1 FGD per commune, total 6 target communes.

The consultant will use both tool 1 and 2 when conducting FGD (as the same group of people will be encouraged to answer to all questions listed in tool 1 and 2).

Tool 2: Local Government Capacity Assessment (FGD)

General information

ព័ត៌មានទូទៅ

Interview Date: _____

ថ្ងៃខែសម្ភាសន៍

Surveyor Name: _____

ឈ្មោះអ្នកសួរ (សម្ភាសន៍)

District/municipal: _____

ឈ្មោះស្រុក ឬក្រុង

Commune/Sankhat: _____

ឈ្មោះឃុំ ឬសង្កាត់

Respondents' information: their title/roles and office.

ព័ត៌មានរបស់អ្នកឆ្លើយសម្ភាសន៍

Office ការិយាល័យធ្វើការរបស់ អ្នកឆ្លើយសម្ភាសន៍	Title/roles of respondents តួនាទីរបស់អ្នកឆ្លើយសម្ភាសន៍	Number of respondents ចំនួនអ្នកឆ្លើយសម្ភាសន៍	
		Number of Men ចំនួនបុរស	Number of women ចំនួនស្ត្រី

A. Access to information

ការទទួលបានព័ត៌មាន

1. Do mechanisms exist for sharing information to the public particular in relation to SWM and its services?

តើមានយន្តការចែករំលែកព័ត៌មានជាសាធារណៈដែរឬទេ ព័ត៌មានទាក់ទងនឹងសេវា និងការគ្រប់គ្រងសំរាម និងសំណល់រឹង ?

☐ Yes មានយន្តការចែករំលែកព័ត៌មាន

☐ No មិនមាន

☐ Don't know មិនដឹង

2. If answer "Yes" (in Q1), how this information shared

ប្រសិនបើ មាន តើព័ត៌មានទាំងនោះ ចែករំលែកដោយរបៀបណា ឬតាមរយៈអ្វី?

☐ Meeting(s) តាមរយៈការប្រជុំ

☐ Public information board តាមរយៈក្តារខ្សែផ្សព្វផ្សាយព័ត៌មាន

☐ Social media តាមរយៈបណ្តាញសង្គម

☐ Website តាមរយៈគេហទំព័រ

☐ Information campaigns តាមរយៈយុទ្ធនាការផ្សព្វផ្សាយ

☐ Others ឬផ្សេងទៀត

3. How often is the information shared?

តើការផ្សព្វផ្សាយព័ត៌មានមានភាពញឹកញាប់ប៉ុណ្ណាដែរ?

- ☐ Very frequently ញឹកញាប់បំផុត
- ☐ Frequently ញឹកញាប់
- ☐ Occasionally ម្តងម្កាល
- ☐ Rarely កម្រ
- ☐ Never មិនដែលសោះ

4. Who access these information?

តើអ្នកណាជាអ្នកទទួលព័ត៌មាន?

- ☐ NGOs/INGO អង្គការក្រៅរដ្ឋាភិបាលក្នុងស្រុក និងអន្តរជាតិ
- ☐ CSO អង្គការសង្គមស៊ីវិល
- ☐ International Organizations អង្គការអន្តរជាតិ
- ☐ Private Sector វិស័យឯកជន
- ☐ Local community people ប្រជាពលរដ្ឋនៅក្នុងសហគមន៍
- ☐ Media អ្នកសារព័ត៌មាន
- ☐ Administration រដ្ឋបាលមូលដ្ឋាន
- ☐ Others ផ្សេងទៀត _____

B. Planning and execution of service delivery

ការរៀបចំផែនការសម្រាប់អនុវត្តការផ្តល់សេវា (ប្រមូលសម្រាម)

5. Which following groups of people are engaged in local planning and implementation process of SWM?

តើមនុស្សក្រុមណាខ្លះ ដែលត្រូវបានគេជំរុញឲ្យចូលរួមក្នុងដំណើរការរៀបចំផែនការ និងការអនុវត្តការងារគ្រប់គ្រងសំរាម និងសំណល់រឹង?

	Planning រៀបចំផែនការ	implementation ការអនុវត្ត
Children កុមារ	<input type="checkbox"/>	<input type="checkbox"/>
Elderly ចាស់ព្រឹទ្ធាចារ្យ	<input type="checkbox"/>	<input type="checkbox"/>
Minority ជនជាតិភាគតិច	<input type="checkbox"/>	<input type="checkbox"/>
Orphan កុមារកំព្រា	<input type="checkbox"/>	<input type="checkbox"/>
People with disability ជនពិការ	<input type="checkbox"/>	<input type="checkbox"/>
Poor household (ID poor I-II) គ្រួសារក្រីក្រ (កម្រិត ១-២)	<input type="checkbox"/>	<input type="checkbox"/>
People living with HIV/AIDS អ្នកផ្ទុកមេរោគដស៍	<input type="checkbox"/>	<input type="checkbox"/>
Widows មេម៉ាយ	<input type="checkbox"/>	<input type="checkbox"/>
Women ស្ត្រី	<input type="checkbox"/>	<input type="checkbox"/>
Youth យុវជន	<input type="checkbox"/>	<input type="checkbox"/>
Other ផ្សេងទៀត	<input type="checkbox"/>	<input type="checkbox"/>

6. Is SWM services being provided in your district/commune?

តើសេវាគ្រប់គ្រងសំរាម និងសំណល់រឹងបាននិងកំពុងដំណើរការនៅក្នុងស្រុក ឬរូបសម្ព័ន្ធដែរឬទេ ?

	Yes បាទ	No ទេ	Don't know មិនដឹងទេ
District ថ្នាក់ស្រុក	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Commune ថ្នាក់ឃុំ	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

7. If yeas (Q6), who provided SWM services? (Please select all that relevant)

ប្រសិនបើ មាន (សំណួរ៦) តើស្ថាប័នណាជាអ្នកផ្តល់សេវាគ្រប់គ្រងសំរាម និងសំណល់រឹង ? (សូមជ្រើសរើសចម្លើយទាំងឡាយណាដែលពាក់ព័ន្ធ)

☐ Local government អាជ្ញាធរមូលដ្ឋាន

☐ Private company ក្រុមហ៊ុនឯកជន

☐ International Organization អង្គការអន្តរជាតិ

☐ NGO

☐ No service provided មិនមានសេវាគ្រប់គ្រងសំរាម និងសំណល់រឹងទេ

☐ Other ផ្សេងទៀត _____

8. Since responsibilities on SWM were shifted over to DMs, have such processes changed?

តើមានការប្រែប្រួលដែរឬទេ បន្ទាប់ពីបានផ្ទេរកិច្ចខុសត្រូវ (ការគ្រប់គ្រងសំរាម និងសំណល់រឹង) ពីថ្នាក់ជាតិ ទៅថ្នាក់ក្រុង/ស្រុក នាពេលកន្លងមក ?

☐ Completely changed ប្រែប្រួលទាំងស្រុង

☐ Major changes ប្រែប្រួលច្រើន

☐ Minor change ប្រែប្រួលតិចតួច

☐ No change មិនប្រែប្រួលសោះ

☐ Don't know មិនដឹងទេ

9. Please provide additional comments _____

ប្រសិនបើ មានការប្រែប្រួល សូមរៀបរាប់អំពីការប្រែប្រួលទាំងនោះ

10. Has the service provider(s) changed?

តើអ្នកផ្តល់សេវាប្រមូលសំរាមមានការផ្លាស់ប្តូរ ដែរឬទេ ?

☐ Yes មាន

☐ No មិនមានទេ

☐ Don't know មិនដឹងទេ

11. Please provide additional comments _____

ប្រសិនបើមានយោបល់បន្ថែម សូមរៀបរាប់

12. Has the efficiency and effectiveness of SWM improved or worsen since the responsibility shifted over to DMs?

តើប្រសិទ្ធភាព និងប្រសិទ្ធផល នៃការគ្រប់គ្រងសំរាម និងសំណល់រឹង ត្រូវបានកែលម្អឲ្យប្រសើរឡើង ឬក៏កាន់តែអន់ថយ បន្ទាប់ពីការផ្ទេរការទទួលខុសត្រូវមកឲ្យថ្នាក់ក្រុង/ស្រុក នាពេលកន្លងមក

- ☐ Improved កាន់តែល្អប្រសើរ
- ☐ Remained the same នៅដដែល
- ☐ Worsen អន់ថយជាងមុន
- ☐ Don't know មិនដឹងទេ

13. Please provide additional comments?

សូមផ្តល់យោបល់បន្ថែម ប្រសិនបើមាន _____

14. How well do you understand SWM process (refer to Disposal, Collection, Transport, Store, Recycle, Minimize, Dumping)?

តើអ្នកយល់ដឹងកម្រិតណាដែរ អំពីដំណើរការ (ឬដំណាក់កាលនីមួយៗ) នៃការគ្រប់គ្រងសំរាម និងសំណល់រឹង?

Process ដំណើរការ	3. Good understanding យល់ដឹងច្បាស់	2. Some understanding យល់ដឹងខ្លះ	1. Little understanding យល់ដឹងតិចតួច	0. No understanding មិនយល់ដឹងសោះ
Disposal ការចោល	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Collection ការប្រមូល	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Transport ការដឹកជញ្ជូន	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Store ការទុកដាក់	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Recycle ការកែច្នៃ	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Minimize ការកាត់បន្ថយ	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Dumping ការគេចទុក	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

15. Comment/describe of what each SWM process/steps mean?

ប្រសិនបើយល់ដឹង សូមរៀបរាប់លម្អិតអំពីដំណើរការឬជំហាន នីមួយៗនៃការគ្រប់គ្រងសំរាម និងសំណល់រឹងមានអ្វីខ្លះ?

Disposal ការចោល	
Collection ការប្រមូល	
Transport ការដឹកជញ្ជូន	
Store ការទុកដាក់	
Recycle	

ការកែច្នៃ	
Minimize ការកាត់បន្ថយ	
Dumping ការគរទុក	

16. Please rate the adequacy of SWM services provided in your area?

តើការផ្តល់សេវាគ្រប់គ្រងសំរាម និងសំណល់រឹងនៅក្នុងតំបន់របស់អ្នកគ្រប់គ្រាន់ដែរឬទេ ?

Process ដំណើរការ	3. Full adequacy មានគ្រប់គ្រាន់	2: Some adequacy មានមធ្យម	1: Little adequacy មានតិចតួច	0: Inadequate មិនគ្រប់គ្រាន់	Don't know មិនដឹង
Disposal ការបោល	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
Collection ការប្រមូល	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Transport ការដឹកជញ្ជូន	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Store ការទុកដាក់	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Recycle ការកែច្នៃ	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Minimize ការកាត់បន្ថយ	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Dumping ការគរទុក	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

17. What is the estimated percentage of SWM coverage in your area? _____

សូមប៉ាន់ស្មានភាគរយនៃតំបន់ដែលបាននិងកំពុងទទួលសេវាគ្រប់គ្រងសំរាម និងសំណល់រឹង

C. Accountability from responsible agencies

គណនេយ្យភាពរបស់ភ្នាក់ងារទទួលខុសត្រូវ

18. Do D/M and C/S have any mechanism to monitor SWM services providers?

តើក្រុង/ស្រុក និងសង្កាត់/ឃុំ មានយន្តការត្រួតពិនិត្យតាមដាន ដំណើរការផ្តល់សេវាគ្រប់គ្រងសំរាម និងសំណល់រឹងដែរឬទេ ?

☐ Yes

☐ No

☐ Don't know

8.1. Please provide additional comments (on the mechanisms).

សូមផ្តល់យោបល់បន្ថែម (ទាក់ទងនឹងយន្តការតាមដានត្រួតពិនិត្យ) _____

19. Is there existing community monitoring/complaint mechanism on SWM services? E.g. Public forum

តើនៅក្នុងសហគមន៍មានយន្តការត្រួតពិនិត្យតាមដាន ឬយន្តការបណ្តឹងតវ៉ា អំពីការគ្រប់គ្រងសំរាម និងសំណល់រឹងដែរឬទេ ?

- ☐ Yes
☐ No
☐ Don't know

20. If yes, please describe the complaint mechanism

ប្រសិនបើមាន សូមរៀបរាប់អំពីយន្តការតវ៉ាទាំងនោះ: _____

21. If yes, how many complaints have been filed in the last 12 months?

ប្រសិនបើមាន តើនៅក្នុងរយៈពេល ១២ខែចុងក្រោយនេះ បានទទួលការតវ៉ាចំនួនប៉ុន្មានករណី ? _____

22. How many complaints have been addressed (both on going and resolved complaints) in the last 12 months? ក្នុងចំណោមពាក្យតវ៉ាដែលទទួលបានក្នុងរយៈពេល ១២ខែចុងក្រោយនេះ តើបានដោះស្រាយប៉ុន្មានករណី ? _____

23. Which following groups of people are engaged in the monitoring process?

សូមគូសក្រុមមនុស្សខាងក្រោម ដែលត្រូវបានគេជំរុញឲ្យចូលរួមក្នុងដំណើរការត្រួតពិនិត្យតាមដាន ?

- ☐ Children កុមារ
☐ Elderly ចាស់ព្រឹទ្ធាចារ្យ
☐ Minority ជនជាតិភាគតិច
☐ Orphan កុមារពិការ
☐ People with disability ជនពិការ
☐ Poor household (ID poor I-II) គ្រួសារក្រីក្រ (កម្រិត ១-២)
☐ People living with HIV/AIDS អ្នកផ្ទុកមេរោគអេដស៍
☐ Widows ស្ត្រីមេម៉ាយ
☐ Women ស្ត្រី
☐ Youth យុវជន
☐ Other ក្រុមមនុស្សផ្សេងទៀត

24. Does the local government engage stakeholders on SWM process?

តើរដ្ឋបាលបេសអ្នកបានជំរុញឲ្យភាគីពាក់ព័ន្ធចូលរួមក្នុងដំណើរការគ្រប់គ្រងសំរាម និងសំណល់រឹងដែរទេ ?

Process ដំណើរការ	Relevant ministries ក្រសួងពាក់ព័ន្ធ	Provincial admin រដ្ឋបាលខេត្ត	Private Sector វិស័យឯកជន	PLD មន្ទីរជំនាញ ក្នុងខេត្ត	NGO អង្គការក្រៅ រដ្ឋាភិបាល	Local people ប្រជាពលរដ្ឋ	Other ផ្សេងទៀត
Disposal ការចោល	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Collection ការប្រមូល	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Transport ការដឹកជញ្ជូន	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Process ដំណើរការ	Relevant ministries ក្រសួងពាក់ព័ន្ធ	Provincial admin រដ្ឋបាលខេត្ត	Private Sector វិស័យឯកជន	PLD មន្ទីរជំនាញ ក្នុងខេត្ត	NGO អង្គការក្រៅ រដ្ឋាភិបាល	Local people ប្រជាពលរដ្ឋ	Other ផ្សេងទៀត
Store ការទុកដាក់	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Recycle ការកែច្នៃ	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Minimize ការកាត់បន្ថយ	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Dumping ការគេចទុក	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

25. Please comment on the (stakeholder engagement) mechanism? _____

សូមរៀបរាប់អំពីយន្តការជំរុញចូលរួមរបស់ភាគីពាក់ព័ន្ធ នៅក្នុងដំណើរការ ឬដំណាក់កាលនីមួយៗ

26. Please select the most relevant SDG goals for your local administration (top 5 only)

សូមជ្រើសរើសគោលដៅអភិវឌ្ឍន៍ប្រកបដោយនិរន្តរភាព ទាំងឡាយណាដែលពាក់ព័ន្ធជាងគេបំផុត (ជ្រើសរើស ៥) សម្រាប់ រដ្ឋបាលរបស់អ្នក

No.	SD Goals គោលដៅអភិវឌ្ឍន៍ប្រកបដោយនិរន្តរភាព
1	No poverty លំបំបាត់ភាពក្រីក្រ
2	Zero hunger គ្មានការស្រេកឃ្លាន
3	Good health and well-being មានសុខភាពល្អ និងសុខុមាលភាព
4	Quality education គុណភាពអប់រំ
5	Gender equality សមភាពយេនឌ័រ
6	Clean water and sanitation ទឹកស្អាត និងអនាម័យ
7	Affordable and clean energy ភាពលៃលកបាន និងថាមពលស្អាត
8	Decent work and economic growth មានការងារសមរម្យ និងសេដ្ឋកិច្ចរីកចម្រើន
9	Industry, innovation and infrastructure ឧស្សាហកម្ម ការកែច្នៃ និងហេដ្ឋារចនាសម្ព័ន្ធ
10	Reduced inequalities កាត់បន្ថយគម្លាតនៃភាពមិនស្មើគ្នា
11	Sustainable cities and communities និរន្តរភាពទីក្រុង និងសហគមន៍
12	Responsible consumption and production ទទួលខុសត្រូវចំពោះការប្រើប្រាស់ និងការផលិត
13	Climate action សកម្មភាពអាកាសធាតុ
14	Life below water ជីវិតនៅក្រោមទឹក
15	Life on land ជីវិតនៅលើដី
16	Peace, justice and strong institutions សន្តិភាព យុត្តិធម៌ ស្ថាប័នរឹងមាំ
17	Partnerships for the goals ភាពជាដៃគូសម្រាប់គោលដៅ

27. How would you rate the capacity of your local administration to implement and monitor the SDGs?

តើរដ្ឋបាលរបស់អ្នកមានសមត្ថភាពគ្រប់គ្រាន់កម្រិតណា ក្នុងការអនុវត្តតាមគោលដៅអភិវឌ្ឍន៍ប្រកបដោយនិរន្តរភាព ?

- ☐ Very sufficient គ្រប់គ្រាន់បំផុត
- ☐ Sufficient គ្រប់គ្រាន់បង្អួច
- ☐ Moderately sufficient គ្រប់គ្រាន់មធ្យម
- ☐ Somewhat sufficient គ្រប់គ្រាន់តិចតួច
- ☐ Insufficient មិនគ្រប់គ្រាន់

28. Does the local administration have any of the following plans?

តើរដ្ឋបាលរបស់អ្នកមានផែនការ ៣ឆ្នាំ និង៥ឆ្នាំដែរទេ ?

	Yes, with budget allocated for SWM មានផែនការ ជាមួយការវិភាគ ថវិកាសម្រាប់ការគ្រប់គ្រងសំរាម និងកាកសំណល់រឹង	Yes, but no budget allocated for SWM មានផែនការ ប៉ុន្តែគ្មានថវិកា សម្រាប់ការគ្រប់គ្រងសំរាម និង កាកសំណល់រឹង	No plan គ្មានផែនការទេ
Development Plan (5 years) ផែនការអភិវឌ្ឍន៍ (៥ឆ្នាំ)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Rolling Investment Plan (3 years) កម្មវិធីវិនិយោគ ៣ឆ្នាំរំកិល	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

29.1. If yes, is SWM integrated in Development Plan

ប្រសិនបើមាន តើផែនការអភិវឌ្ឍន៍នោះបានបញ្ចូលការគ្រប់គ្រងសំរាម និងសំណល់រឹងដែរឬទេ ?

- ☐ Yes
- ☐ No

29.2. If yes, is SWM integrated in Development Rolling Investment Plan

ប្រសិនបើមាន តើកម្មវិធីវិនិយោគ ៣ឆ្នាំរំកិលនោះ បានបញ្ចូលការគ្រប់គ្រងសំរាម និងសំណល់រឹងដែរឬទេ ?

- ☐ Yes
- ☐ No

30. Have you received any training or capacity development in the following areas in the last 12 months?

ក្នុងរយៈពេល ១២ខែចុងក្រោយនេះ តើអ្នកបានទទួលការបណ្តុះបណ្តាល ឬការពង្រឹងសមត្ថភាព អ្វីខ្លះ ?

- ☐ SWM ការគ្រប់គ្រងសំរាម និងសំណល់រឹង
- ☐ Roles and Responsibilities (legally demand) តួនាទី និងការទទួលខុសត្រូវ
- ☐ Key Decision Making process ដំណើរការធ្វើសម្រេចចិត្តសំខាន់ៗ
- ☐ Relationship with Different Actors ការទំនាក់ទំនងជាមួយភាគីផ្សេងៗ
- ☐ Service Delivery ការផ្តល់សេវា
- ☐ Participatory Planning ការរៀបចំផែនការដោយមានការចូលរួម
- ☐ Accountability/Citizen Engagement គណេយ្យភាព និងការជម្រុញការចូលរួមរបស់ប្រជាពលរដ្ឋ
- ☐ Others ផ្សេងៗទៀត

31. If yes, to what extent do you think your performance has improved as a result of this training and support?

ប្រសិនបើមាន តើវគ្គបណ្តុះបណ្តាលនោះបានជួយកែលម្អការបំពេញការងាររបស់អ្នកកម្រិតណាដែរ?

- ☐ Excellent ល្អណាស់
- ☐ Very good ល្អបង្អែរ
- ☐ Good ល្អ
- ☐ Little តិចតួច
- ☐ Not improved គ្មានសោះ

32.1. As local authorities at DMs/CSs, what is your current responsibilities related SWM?

ក្នុងនាមជាអាជ្ញាធរមូលដ្ឋាន នៅថ្នាក់ក្រុង/ស្រុក និងសង្កាត់/ឃុំ តើអ្វីខ្លះជាការទទួលខុសត្រូវរបស់អ្នកទាក់ទងនឹងការងារគ្រប់គ្រងសំរាម និងសំណល់រឹង?

- ☐ Prepare SWM plan
- ☐ Prepare budget and expenses for SWM
- ☐ Monitor SWM service providers to ensure regular collection
- ☐ Monitor people to throw solid wastes in the right place (E.g. Trash bin)
- ☐ Monitor people to clean environment
- ☐ Participate in cleaning solid wastes in public areas
- ☐ Raise awareness campaign or forum on SWM to local people including markets
- ☐ Raise awareness campaign or forum on SWM to school children and teachers
- ☐ Organize meeting with stakeholders
- ☐ Other

32.2. If you have other responsibilities related SWM, please describe?

ប្រសិនបើ មានការទទួលខុសត្រូវផ្សេងទៀត សូមរៀបរាប់ _____

33. What are the main issues you see around SWM in DMs/CSs (top 3)?

តើបញ្ហាប្រឈមជាចម្បងរបស់អ្នកមានអ្វីខ្លះ ពាក់ព័ន្ធនឹងការគ្រប់គ្រងសំរាម និងសំណល់រឹងនៅថ្នាក់ក្រុង/ស្រុក និងសង្កាត់/ឃុំ (សូមសរសេរបញ្ហាប្រឈមចម្បងជាងគេបំផុត ចំនួន៣)

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34. Are there any initiatives you can think of that could contribute towards effectiveness?

តើអ្នកមានគំនិតផ្តួចផ្តើមអ្វីខ្លះដើម្បីចូលរួមកែលម្អឲ្យកាន់តែមានប្រសិទ្ធភាព?

35. How do you feel citizens' engagement can bring better SWM for DMs/CSs? Why?

តើអ្នកគិតថា ការដើរចូលរួមជាពលរដ្ឋឲ្យចូលរួម អាចជួយអាជ្ញាធរមូលដ្ឋាន ក្រុង/ស្រុក និងសង្កាត់/ឃុំ ក្នុងការគ្រប់គ្រងកាកសំណល់រឹង ឲ្យបានកាន់តែល្អប្រសើរ? ហេតុអ្វី? _____

36. How do you think people can engage in SWM?

តើត្រូវដៃម្រុញប្រជាពលរដ្ឋឲ្យចូលរួមដោយរបៀបណា ?

37. What additional training or capacity development support is needed to improve your performance?

តើអ្នកគិតថា ត្រូវការវគ្គបណ្តុះបណ្តាល ឬការពង្រឹងសមត្ថភាពអ្វីទៀត ដើម្បីជួយធ្វើឲ្យការបំពេញការងាររបស់អ្នកកាន់តែល្អ
ប្រសើរឡើង_____

Tool 2b: សំណួរសម្រាប់សម្ភាសន៍ជាមួយមន្ត្រីរដ្ឋបាលថ្នាក់ក្រោមជាតិ
សម្រាប់តែស្រុក)/ខណ្ឌ និងឃុំ/សង្កាត់គោលដៅប៉ុណ្ណោះ(

General information

ព័ត៌មានទូទៅ

Interview Date: _____

ថ្ងៃខែសម្ភាសន៍

Surveyor Name: _____

ឈ្មោះអ្នកសួរ (សម្ភាសន៍)

District/municipal: _____

ឈ្មោះស្រុក ឬក្រុង

Commune/Sankhat: _____

ឈ្មោះឃុំ ឬសង្កាត់

Respondents' information

ព័ត៌មានរបស់ឆ្លើយសម្ភាសន៍

ឈ្មោះការិយាល័យរបស់អ្នក _____

តួនាទីរបស់អ្នកនាពេលបច្ចុប្បន្ន _____ ភេទ: ☐ ស្រី ☐ ប្រុស អាយុ _____

1. Please tick any training courses organized by the SWM project as listed below that you attended?

សូមគូសឈ្មោះវគ្គបណ្តុះបណ្តាលដែលបានរៀបចំដោយគម្រោង ហើយអ្នកបានចូលរួមសិក្សាកន្លងមក៖

- ☐ SWM ការគ្រប់គ្រងកាកសំណល់រឹង
- ☐ Roles and Responsibilities (legally demand) តួនាទី និងការទទួលខុសត្រូវ
- ☐ Key Decision Making process គន្លឹះនៃដំណើរការសម្រេចចិត្ត
- ☐ Relationship with Different Actors ការទំនាក់ទំនងជាមួយដៃគូ
- ☐ Service Delivery ការផ្តល់សេវា
- ☐ Participatory Planning រៀបចំផែនការដែលមានការចូលរួម
- ☐ Accountability/Citizen Engagement គណេយ្យភាព និងការជម្រុញការចូលរួមរបស់ប្រជាពលរដ្ឋ
- ☐ Others ផ្សេងទៀតសូមបញ្ជាក់ឈ្មោះវគ្គបណ្តុះបណ្តាល _____

2. Please tick any training courses organized by other projects or institutions as listed below that you attended?

សូមគូសឈ្មោះវគ្គបណ្តុះបណ្តាលដែលបានរៀបចំដោយគម្រោងផ្សេង ឬស្ថាប័នផ្សេង ហើយអ្នកបានចូលរួមសិក្សា កន្លងមក៖

- ☐ SWM ការគ្រប់គ្រងកាកសំណល់រឹង
- ☐ Roles and Responsibilities (legally demand) តួនាទី និងការទទួលខុសត្រូវ
- ☐ Key Decision Making process គន្លឹះនៃដំណើរការសម្រេចចិត្ត
- ☐ Relationship with Different Actors ការទំនាក់ទំនងជាមួយដៃគូ
- ☐ Service Delivery ការផ្តល់សេវា
- ☐ Participatory Planning រៀបចំផែនការដែលមានការចូលរួម
- ☐ Accountability/Citizen Engagement គណេយ្យភាព និងការជម្រុញការចូលរួមរបស់ប្រជាពលរដ្ឋ
- ☐ Others ផ្សេងទៀតសូមបញ្ជាក់ឈ្មោះវគ្គបណ្តុះបណ្តាល _____

3. Self-assessment: Please rate your performance (about 6 months ago) in relation to SWM in your jurisdictions/locations.

ស្វ័យវាយតម្លៃ៖ ចូរវាយតម្លៃកម្រិតសមត្ថភាពរបស់អ្នក (កាលពី ៦ ខែមុន) ក្នុងការបំពេញការងាររបស់ខ្លួន ទាក់ទងនឹងការងារគ្រប់គ្រងសំរាម និងកាកសំណល់រឹង នៅក្នុងមូលដ្ឋានរបស់អ្នក?

1 score = your capacity was very low 10 scores = your capacity is very high
 ១ ពិន្ទុ = អ្នកមានសមត្ថភាពកម្រិតទាបបំផុត ១០ ពិន្ទុ = អ្នកមានសមត្ថភាពខ្ពស់បំផុត

Key Performance ការបំពេញការងាររបស់អ្នក	Please rate your score ចូរគូសពិន្ទុរបស់អ្នកក្នុងប្រអប់ក្នុងតារាងនេះ									
	1	2	3	4	5	6	7	8	9	10
Planning ការរៀបចំផែនការ	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Budgeting ការរៀបចំថវិកា	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Implementation ការអនុវត្ត	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Monitoring ការត្រួតពិនិត្យតាមដាន	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Reporting ការរៀបចំរបាយការណ៍	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Capacity to address complaint សមត្ថភាពដោះស្រាយបណ្តឹងតវ៉ា	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Indicator 1: % of DM/CS councilors and officials reporting improvement in their performance as a result of training and other capacity development supports they receive from the project (by sex, age).

Tool 3: Local Government Assessment – People perception

(Household survey) សម្រាប់សម្ភាសន៍តាមខ្នងផ្ទះ (តាមគ្រួសារ)

A. General information

ព័ត៌មានទូទៅ

Interview Date: _____

ថ្ងៃខែសម្ភាសន៍

Surveyor Name: _____

ឈ្មោះអ្នកសួរ (សម្ភាសន៍)

District/municipal: _____

ឈ្មោះស្រុក ឬក្រុង

Commune/Sankhat: _____

ឈ្មោះឃុំ ឬសង្កាត់

Village: _____

ឈ្មោះភូមិ

Respondents' information:

ព័ត៌មានរបស់អ្នកឆ្លើយសម្ភាសន៍

Name ឈ្មោះ	Age ⁹ អាយុ	Sex ភេទ	Level of education កម្រិតវប្បធម៌	Occupation មុខរបរ	Phone # លេខទូរស័ព្ទ	Type of HH ប្រភេទគ្រួសារ	
						Local citizen គ្រួសារធម្មតា	Local business គ្រួសារអាជីវករ

If the respondent(s) are vulnerable group or come from poor household, please tick any box below

ប្រសិនបើអ្នកឆ្លើយសម្ភាសន៍ជាក្រុមងាយរងគ្រោះ ឬរស់នៅក្នុងគ្រួសារក្រីក្រ សូមគូសក្នុងប្រអប់ណា ដែលសមស្របបំផុត

- | | |
|---|---|
| <input type="checkbox"/> Elderly ចាស់ជរា | <input type="checkbox"/> Poor household (ID poor I-II) គ្រួសារក្រីក្រ (ក្រ1-ក្រ2) |
| <input type="checkbox"/> Minority ជនជាតិភាគតិច | <input type="checkbox"/> People living with HIV/AIDS អ្នកផ្ទុកមេរោគ ហ៊ីវ/អេដស៍ |
| <input type="checkbox"/> Widows ស្រ្តីមេម៉ាយ | <input type="checkbox"/> Orphan head household កុមារកំព្រាជាមេគ្រួសារ |
| <input type="checkbox"/> People with disability ជនពិការ | <input type="checkbox"/> Other ផ្សេងទៀត _____ |

- How many plastic bottles, cups, bags and boxes does your family use and throw in daily basis (estimate in average per day)? តើនៅក្នុងគ្រួសាររបស់អ្នក ប្រើប្រាស់ចោលដបផ្លាស្ទិក កែវផ្លាស្ទិក ថង់ផ្លាស្ទិក ប្រអប់ស្នោ ក្នុងមួយថ្ងៃអស់ចំនួនប៉ុន្មាន (ប៉ាន់ស្មានចំនួនប្រើប្រាស់គិតជាមធ្យមក្នុង ១ថ្ងៃ)?

# of plastic items used ចំនួនប្រភេទផ្លាស្ទិកដែលបានប្រើ	Estimated number ចំនួនប៉ាន់ស្មាន	# of plastic items used ចំនួនប្រភេទផ្លាស្ទិកដែលបានប្រើ	Estimated number ចំនួនប៉ាន់ស្មាន
Plastic bottles ដបផ្លាស្ទិក		Plastic bags ថង់ផ្លាស្ទិក	
Plastic cups កែវផ្លាស្ទិក		Foam boxes ប្រអប់ស្នោ	

⁹ older of the immediate household in descending order – eldest to youngest

1. How many plastic bottles, cups, bags and boxes does your family use and throw in daily basis (estimate the average per day)? តើនៅក្នុងគ្រួសាររបស់អ្នក ប្រើប្រាស់ចោលដបផ្លាស្ទិក កែវផ្លាស្ទិក ថង់ផ្លាស្ទិក ប្រអប់ស្មៅ ក្នុងមួយថ្ងៃអស់ចំនួនប៉ុន្មាន (ប៉ាន់ស្មានជាមធ្យមក្នុង ១ថ្ងៃ) ?

# of plastic items used ចំនួនប្រភេទផ្លាស្ទិកដែលបានប្រើ	0 item ¹⁰	1-3 items	4-7 items	8-14 items	>14 items
Plastic bottles ដបផ្លាស្ទិក	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Plastic cups កែវផ្លាស្ទិក	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Plastic bags ថង់ផ្លាស្ទិក	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Foam boxes ប្រអប់ស្មៅ	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

1.1. if there are more than 14 items, please write the estimated number of plastic item used if than 14 counted _____

2. Where do you normally throw those plastic wastes/items?

តើអ្នកឬសមាជិកគ្រួសាររបស់អ្នក ធម្មតាបោះចោលសម្រាមផ្លាស្ទិកនៅកន្លែងណា ?

- ☐ Keep them in trash bin and then collected by SWM service regularly
ចោលក្នុងធុងសម្រាម រួចហើយមានសេវាប្រមូលកាកសំណល់ មកប្រមូលជាទៀងទាត់
- ☐ Keep them in trash bin and then collected by SWM service NOT regularly
ចោលក្នុងធុងសម្រាម រួចហើយមានសេវាប្រមូលកាកសំណល់ មកប្រមូល ប៉ុន្តែមិនទៀងទាត់ទេ
- ☐ Keep them in trash bin and then sell to waste plastic collectors
យើងខ្ញុំប្រមូលទុកកាកសំណល់ផ្លាស្ទិក រួចហើយលក់ឲ្យអ្នកទិញអេតចាយ
- ☐ Keep them in trash bin and then burn
ចោលក្នុងធុងសម្រាម រួចហើយដុតកំទិចចោល
- ☐ Just throw the trash anywhere
បោះចោលពាសវាលពាសកាល
- ☐ Others _____
ផ្សេងទៀត

3. What are the issues you face in garbage collection for households/small businesses?

តើមានបញ្ហាអ្វីខ្លះជាមួយនឹងការចោល ឬប្រមូលសម្រាមតាមផ្ទះប្រជាជន ឬផ្ទះលក់ទំនិញ ឬតាមតូបក្នុងផ្សារ? _____

4. Are there any issues with garbage/litter disposal in public areas?

តើមានបញ្ហាអ្វីខ្លះទាក់ទងនឹងការចោលសំរាមនៅតាមទីសាធារណៈ? _____

- 5.1. Are you aware of the importance of waste segregation?

តើអ្នកដឹងអំពីសារៈសំខាន់នៃការញែកសំរាមតាមប្រភេទផ្សេងគ្នា (ឬបោះចោលដាច់ដោយឡែកពីគ្នា) ដែរឬទេ?

- ☐ Yes ដឹង
- ☐ No មិនដឹងទេ

¹⁰ មិនប្រើសោះ

5.2. If yes, have you ever apply waste segregation?

ប្រសិនបើដឹង តើអ្នកធ្លាប់អនុវត្ត របៀបបំបែកសម្រាមតាមប្រភេទផ្សេងគ្នា ដែរឬទេ ?

☐ Yes ធ្លាប់

☐ No មិនធ្លាប់ទេ

5.3. If no, what are the barriers you face in not doing so?

ប្រសិនបើ មិនបានអនុវត្ត តើហេតុអ្វី? _____

B. Access to information

ការទទួលបានព័ត៌មាន

6. Have you or a household member ever received information on SWM from the local administration?

តើអ្នក ឬសមាជិកក្នុងគ្រួសារ ធ្លាប់បានទទួលព័ត៌មានពីអាជ្ញាធរមូលដ្ឋាន អំពីការគ្រប់គ្រងសំរាម និងសំណល់រឹងដែរឬទេ ?

☐ Yes ធ្លាប់បានទទួល

☐ No ទេ

☐ Don't know មិនដឹង

7. If yes, how did you receive the information?

ប្រសិនបើធ្លាប់បានទទួល តើបានទទួលតាមរយៈអ្វី?

☐ Public Information Board តាមរយៈការផ្សព្វផ្សាយលើក្តារខ្សែព័ត៌មាន

☐ TV, Radio តាមទូរទស្សន៍ វីឡូ

☐ Social Media តាមបណ្តាញសង្គម

☐ Website តាមគេហទំព័រ

☐ Public Forum/Town Hall Meeting តាមរយៈវេទិកាសាធារណៈ ឬការប្រជុំ

☐ Elected local government councilors តាមរយៈក្រុមប្រឹក្សា ឬអភិបាល

☐ Village chief តាមរយៈប្រធានភូមិ

☐ Religious leader តាមរយៈអ្នកដឹកនាំសាសនា

☐ Other ផ្សេងទៀត

☐ Don't know មិនដឹងទេ

8. What are the main obstacle (or difficulties) in accessing the information?

តើអ្វីជាឧបសគ្គចម្បង (ឬការលំបាក) ក្នុងការទទួលបានព័ត៌មាន ?

☐ Access to local government officials Information is confidential

ព័ត៌មានដែលគ្រប់គ្រងដោយមន្ត្រីរដ្ឋបាលថ្នាក់មូលដ្ឋាន ត្រូវបានរក្សាទុកដោយសម្ងាត់ (មិនអាចផ្សព្វផ្សាយបាន)

☐ No information is available

មិនមានព័ត៌មានសម្រាប់ចែករំលែក

☐ Poor physical access E.g. Radio, TV, Smartphone

មិនមានឧបករណ៍គ្រប់គ្រាន់សម្រាប់ជួយធ្វើឲ្យទទួលបាននូវព័ត៌មាន ឧ. វីឡូ ទូរទស្សន៍ ទូរស័ព្ទទំនើប

- ☐ Other ផ្សេងទៀត
- ☐ No time មិនមានពេលវេលា
- ☐ Don't Know មិនដឹង

9. How many of your family members participated in raising awareness រឿង SWM? _____
 person(s) តើមានសមាជិកក្នុងគ្រួសារចំនួនប៉ុន្មាននាក់ ធ្លាប់បានចូលរួមក្នុងយុទ្ធនាការផ្សព្វផ្សាយការយល់ដឹង អំពីការ
 គ្រប់គ្រងសំរាម និងសំណល់រឹង ? ចំនួន _____ នាក់

10. How many of you are aware of the 3R concept?
 តើមានសមាជិកក្នុងគ្រួសារចំនួនប៉ុន្មាននាក់ យល់ដឹងអំពីគោលការណ៍ទាំង៣ នៃការគ្រប់គ្រងសំរាម និងកាកសំណល់រឹង
 (ទី១៖ មិនបង្កើនសំរាមឬកាត់បន្ថយសំរាម ទី២៖ ការកែច្នៃ និង ទី៣៖ ប្រើប្រាស់ឡើងវិញ) ចំនួន _____ នាក់

11. Have you or anyone from your household member been consulted by your local
 administration in the past 12 months?
 តើមានសមាជិកណាម្នាក់ក្នុងគ្រួសាររបស់អ្នក ធ្លាប់ត្រូវបានអាជ្ញាធរមូលដ្ឋានពិគ្រោះយោបល់ក្នុងរយៈពេល ១២ខែ ចុង
 ក្រោយនេះដែរឬទេ ?

Topic ប្រធានបទ	Yes ធ្លាប់	No មិនធ្លាប់	Don't know មិនដឹង
SWM ការគ្រប់គ្រងកាកសំណល់រឹង	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Budget ការរៀបចំថវិកា	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Planning ការរៀបចំផែនការ	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

12. If yes, how did the consultation take place?
 ប្រសិនបើធ្លាប់ តើការពិគ្រោះយោបល់នោះ មានដំណើរការតាមរយៈអ្វី ?

☐ Public Forum/meeting តាមរយៈវេទិកា ឬប្រជុំ

☐ Public Information Board តាមរយៈក្តារខ្សែនផ្សព្វផ្សាយព័ត៌មាន

☐ Village Chief តាមរយៈមេភូមិ

☐ Elected local government councilors តាមរយៈក្រុមប្រឹក្សា ឬអភិបាលជាប់ឆ្នោត

☐ Other ផ្សេងទៀត

☐ Don't know មិនដឹង

13. Did you participate (have you contributed) in the following consultation in the last 12
 months? តើអ្នកធ្លាប់បានចូលរួម (ឬរួមចំណែក) នៅក្នុងសកម្មភាពពិគ្រោះយោបល់ខាងក្រោម ក្នុងរយៈពេល ១២ខែ ចុង
 ក្រោយនេះ ដែរឬទេ ?

Topic ប្រធានបទ	Yes ធ្លាប់	No មិនធ្លាប់	Don't know មិនដឹង
SWM ការគ្រប់គ្រងកាកសំណល់រឹង	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Budget ការរៀបចំថវិកា	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Planning ការរៀបចំផែនការ	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

C. Access to SWM services

ការទទួលបានសេវាគ្រប់គ្រងកាកសំណល់រឹង

14. Is SWM services provided in your areas?

តើនៅក្នុងតំបន់របស់អ្នកមានសេវាគ្រប់គ្រងសំរាម និងសំណល់រឹងដែរឬទេ (ប្រមូលសម្រាម)?

☐ Yes មាន

☐ No គ្មានទេ

15. Does your family have access to SWM service?

តើគ្រួសាររបស់អ្នកបានប្រើសេវាប្រមូលសំរាមដែរឬទេ?

☐ Yes មាន

☐ No គ្មានទេ

16. If yes, who provide SWM services?

ប្រសិនបើមាន តើអ្នកណាជាអ្នកផ្តល់សេវាគ្រប់គ្រងសំរាម និងសំណល់រឹងទាំងនោះ?

☐ Local government អាជ្ញាធរមូលដ្ឋាន

☐ Private company ក្រុមហ៊ុនឯកជន

☐ International Organization/NGO អង្គការអន្តរជាតិ ឬអង្គការក្រៅរដ្ឋាភិបាល

☐ Joint government and private company សហការរួមគ្នាជាមួយអាជ្ញាធរ និងក្រុមហ៊ុនឯកជន

☐ No service provided គ្មានសេវាគ្រប់គ្រងកាកសំណល់រឹងទេ

☐ Other ផ្សេងទៀត _____

17. How much do you pay to SWM Services by monthly (in USD)

តើគ្រួសាររបស់អ្នកចំណាយលើសេវាប្រមូលសម្រាម (សេវាគ្រប់គ្រងកាកសំណល់រឹង) ប្រចាំខែអស់ប៉ុន្មាន ដុល្លារ ក្នុង ១ខែ

_____ US\$/month ខែ

18. How often does your garbage get collected?

តើការប្រមូលសំរាម និងសំណល់រឹង (សម្រាម) ធ្វើឡើងទៀងទាត់កម្រិតណាដែរ?

☐ Every day រៀងរាល់ថ្ងៃ

☐ Every 2 days រៀងរាល់ ២ថ្ងៃម្តង

☐ Every 3 days រៀងរាល់ ៣ថ្ងៃម្តង

☐ More than 3 days លើសពី ៣ថ្ងៃម្តង

19. How would you rate the efficiency SWM services in your area?

តើអ្នកគិតថា សេវាគ្រប់គ្រងសំរាម និងសំណល់រឹង (ការប្រមូលសម្រាម) នៅក្នុងតំបន់របស់អ្នក មានប្រសិទ្ធភាពកម្រិតណាដែរ?

☐ Excellent ល្អណាស់

☐ Good ល្អ

☐ Fair មិនសូវល្អ

☐ Poor មិនល្អសោះ

☐ No service provided មិនមានសេវាទេ

☐ Don't know មិនដឹង

20. Do you think vulnerable groups have equal access to SWM services?

តើអ្នកគិតថា ក្រុមមនុស្សងាយរងគ្រោះជាងគេ ដូចមានរាយក្នុងបញ្ជីខាងក្រោម ត្រូវបានគេគិតគូរ ឬរាប់បញ្ចូលឲ្យទទួលបាន សេវាប្រមូលសំរាម និងសំណល់រឹង ដូចប្រជាពលរដ្ឋទូទៅដែរឬទេ? អាចគូសបានលើសពី ១

- | | |
|--|---|
| <input type="checkbox"/> Children កុមារ | <input type="checkbox"/> Poor household (ID poor I & II) គ្រួសារក្រីក្រ (ក្រកម្រិត ១ និង ២) |
| <input type="checkbox"/> Elderly ចាស់ជរា | <input type="checkbox"/> People living with HIV/AIDS អ្នកផ្ទុកមេរោគ ហ៊ីវ/អេដស៍ |
| <input type="checkbox"/> Minority ជនជាតិភាគតិច | <input type="checkbox"/> People with disability ជនពិការ |
| <input type="checkbox"/> Orphan កុមារកំព្រា | <input type="checkbox"/> Widows ស្រ្តីមេម៉ាយ |
| | <input type="checkbox"/> Women ស្រ្តី |
| | <input type="checkbox"/> Youth យុវជន |

21. Do you think those vulnerable groups have been engaged in local planning, implementation and monitoring process?

តើអ្នកគិតថា ក្រុមមនុស្សងាយរងគ្រោះទាំងនោះ ត្រូវបានគេលើកទឹកចិត្តចូលរួម ក្នុង ដំណើរការនៃការរៀបចំផែនការ ការរៀបចំថវិកា ការត្រួតពិនិត្យតាមដាន ដែរឬទេ? ប្រសិនបើមាន សូមគូសក្នុងប្រអប់ ទាំងឡាយខាងក្រោម ដែលត្រូវនឹងចម្លើយរបស់គាត់។

Example ឧទាហរណ៍៖	Planning រៀបចំផែនការ	Implementation ការអនុវត្ត	Monitoring ការពិនិត្យតាមដាន
Children កុមារ	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Elderly ចាស់ជរា	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Minority ជនជាតិភាគតិច	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Orphan កុមារកំព្រា	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
People with disability ជនពិការ	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Poor household (ID poor I - II) គ្រួសារក្រីក្រ (ក្រ១ - ក្រ២)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
People living with HIV/AIDS អ្នកផ្ទុកមេរោគ ហ៊ីវ/អេដស៍	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Widows ស្រ្តីមេម៉ាយ	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Women ស្រ្តី	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Youth យុវជន	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

D. Accountability from responsible agencies

គណនេយ្យភាពរបស់ភាគី ឬភ្នាក់ងារទទួលខុសត្រូវ

22. Do you think that citizens should engage more with DMs/CSs on SWM issues?

តើអ្នកគិតថា ប្រជាពលរដ្ឋគួរឲ្យទទួលបានការជំរុញឲ្យចូលរួមបន្ថែមទៀត ជាមួយអាជ្ញាធរមូលដ្ឋាននៅថ្នាក់ក្រុង ស្រុក និងឃុំ សង្កាត់ ពាក់ព័ន្ធនឹងការងារគ្រប់គ្រងសំរាម និងសំណល់រឹងដែលឬទេ?

☐ Yes បាទ ឬចាស

☐ No ទេ

☐ Don't know មិនដឹង

23. If yes, what aspects?

ប្រសិនបើ បាទឬចាស់ តើគម្រោងចូលរួមក្នុងសកម្មភាពអ្វីខ្លះ?

☐ Planning ការរៀបចំផែនការ

☐ Budgeting ការរៀបចំថវិកា

☐ Decision making (E.g. set price of SWM service...) ការសម្រេចចិត្ត (ឧ. ការកំណត់ថ្លៃសេវា...)

☐ Monitoring and evaluation ការត្រួតពិនិត្យតាមដាន និងការវាយតម្លៃ

☐ Awareness raising campaign យុទ្ធនាការផ្សព្វផ្សាយអប់រំ និងលើកកម្ពស់ការយល់ដឹង

☐ Other ផ្សេងទៀត

24. Are there any methods that you could recommend?

តើមានវិធីសាស្ត្រអ្វីខ្លះ ដែលអាចជួយរួមចំណែកក្នុងការជំរុញការចូលរួម?

☐ Public Information Board ក្តារខ្សែនផ្សព្វផ្សាយព័ត៌មាន

☐ TV, Radio ទូរទស្សន៍ វីទេអូ

☐ Social Media បណ្តាញសង្គម

☐ Website គេហទំព័រ

☐ Public Forum/Town Hall Meeting វេទិកា ឬការប្រជុំ

☐ Elected local government councilors ក្រុមប្រឹក្សា ឬអភិបាលជាប់ឆ្នោត

☐ Village chief ប្រធានភូមិ

☐ Religious leader អ្នកដឹកនាំសាសនា

☐ Other ផ្សេងទៀត

☐ Don't know មិនដឹង

25. Have you or a household member taken part in the monitoring and/or evaluation of SWM in the last 12 months? តើអ្នក ឬសមាជិកក្នុងគ្រួសាររបស់អ្នក ធ្លាប់បានចូលរួមក្នុងសកម្មភាពត្រួតពិនិត្យតាមដាន ឬវាយតម្លៃការងារគ្រប់គ្រងកាកសំណល់រឹង ដែរឬទេ?

☐ Yes ធ្លាប់

☐ No មិនធ្លាប់

☐ Don't know មិនដឹង

26. Is there a complaint mechanism available in your area? តើនៅក្នុងតំបន់របស់អ្នកមានរបៀបចម្លងការសម្រាប់ទទួលពាក្យបណ្តឹងតវ៉ា ទាក់ទងនឹងការគ្រប់គ្រងសំរាម និងសំណល់រឹងដែរឬទេ?

☐ Yes មាន

☐ No មិនមាន

☐ Don't know មិនដឹង

27. If yes, please list the mechanisms

ប្រសិនបើមាន សូមរៀបរាប់យន្តការនោះ តើមានអ្វីខ្លះ

28. Have you or anyone in your household filed any complaint on SWM in the last 12 months?
 តើអ្នក ឬសមាជិកក្នុងគ្រួសាររបស់អ្នក ធ្លាប់ប្តឹងតវ៉ា អំពីការគ្រប់គ្រងសំរាម និងសំណល់រឹង(ឬសម្រាម) ដែរឬទេ សម្រាប់រយៈពេល ១២ខែ ចុងក្រោយនេះ ?

- ☐ Yes ធ្លាប់
- ☐ No មិនធ្លាប់ទេ
- ☐ Don't know មិនដឹងទេ

29. If yes, have the issues been addressed (on going and resolved)?
 ប្រសិនបើធ្លាប់បានប្តឹងតវ៉ា តើបណ្តឹងតវ៉ានោះ (ឬទាំងនោះ) ត្រូវបានគេដោះស្រាយ (ឬក៏កំពុងដោះស្រាយ)ដែរឬទេ ?

- ☐ Yes បាទ ឬចាស
- ☐ No គ្មានទេ
- ☐ Don't know មិនដឹងទេ

30. Please select the most relevant development goals for your local administration (top 5 only)
 សូមជ្រើសរើសគោលដៅអភិវឌ្ឍន៍ប្រកបដោយនិរន្តរភាព ទាំងឡាយណាដែលពាក់ព័ន្ធជាងគេបំផុត (ជ្រើសរើស ៥)។
 ចំណាំ៖ អ្នកសម្ភាសន៍ត្រូវប្រើកាតរូបភាពនិមិត្តសញ្ញា បង្ហាញដើម្បីឲ្យគាត់ (អ្នកឆ្លើយសម្ភាសន៍) គិតមើល រួចជ្រើសរើស

No.	SD Goals គោលដៅអភិវឌ្ឍន៍ប្រកបដោយនិរន្តរភាព
1	No poverty គ្មានភាពក្រីក្រ
2	Zero hunger គ្មានភាពស្រេកឃ្លាន
3	Good health and well-being មានសុខភាពល្អ និងសុខុមាលភាព
4	Quality education អប់រំប្រកបដោយគុណភាព
5	Gender equality សមភាពយេនឌ័រ
6	Clean water and sanitation ទឹកស្អាត និងអនាម័យ
7	Affordable and clean energy ថាមពលកើតឡើងវិញ និងថាមពលស្អាត
8	Decent work and economic growth ភាពមានការងារសមរម្យ និងសេដ្ឋកិច្ចរីកចម្រើន
9	Industry, innovation and infrastructure ឧស្សាហកម្ម ការរកឃើញថ្មី និងហេដ្ឋារចនាសម្ព័ន្ធ
10	Reduced inequalities ការកាត់បន្ថយវិសមភាព (គម្លាតនៃភាពមិនស្មើគ្នា)
11	Sustainable cities and communities និរន្តរភាពទីក្រុង និងសហគមន៍
12	Responsible consumption and production ការប្រើប្រាស់ប្រកបដោយការទទួលខុសត្រូវនិងការផលិត
13	Climate action វិធានការអាកាសធាតុ
14	Life below water រុក្ខជាតិក្រោមទឹក និងមច្ឆា
15	Life on land ជីវិតនៅលើដី
16	Peace, justice and strong institutions សន្តិភាព យុត្តិធម៌ និងការពង្រឹងស្ថាប័ន
17	Partnerships for the goals ភាពជាដៃគូសម្រាប់គោលដៅ

31. In which areas of rural public services should your local government take priority actions to improve the quantity and quality of service? Select your top 5 priority.
 ក្នុងចំណោមសេវាខាងក្រោម តើសេវាណាខ្លះ ដែលអ្នកគិតថាជាអាទិភាពសម្រាប់រដ្ឋបាលមូលដ្ឋានរបស់អ្នកត្រូវពង្រីកបន្ថែម និងកែលម្អគុណភាព ? ចូរជ្រើសយក សកម្មភាពអាទិភាពចំនួន ៥

ចំណាំ៖ អ្នកសម្ភាសន៍ត្រូវប្រើកាតុបភាពនិមិត្តសញ្ញា បង្ហាញដើម្បីឲ្យគាត់ (អ្នកឆ្លើយសម្ភាសន៍) គិតមើល រួចជ្រើសរើស

- ☐ Cleaning streets and public areas ការបោសសម្អាតផ្លូវ និងទីធ្លាសាធារណៈ
- ☐ Collecting garbage (SWM) ការប្រមូលសម្រាម (គ្រប់គ្រងកាកសំណល់រឹង)
- ☐ Access to water (wells, truck delivery, etc.) ការផ្គត់ផ្គង់ទឹក (អណ្តូង ឬដឹកទឹកចែកចាយ ។ល។)
- ☐ Climate Change Adaptation ការបន្ស៊ាំជាមួយការប្រែប្រួលអាកាសធាតុ
- ☐ Disaster Risk Reduction ការកាត់បន្ថយហានិភ័យគ្រោះមហន្តរាយ
- ☐ Education ការអប់រំ
- ☐ Fire brigade ការពន្លត់អគ្គិភ័យ
- ☐ Health promotion, set up dispensary ការលើកកម្ពស់សុខភាព ឬរៀបចំបង្កើតគិលានដ្ឋាន/ប៉ុស្តិ៍សុខភាព
- ☐ Issuing land certificates/Land documents ការផ្តល់វិញ្ញាបនប័ត្រ ឬប័ណ្ណកាន់កាប់ដីធ្លី
- ☐ Issuing vital registration acts/birth certificates ការចុះបញ្ជីកំណើត និងផ្តល់សំបុត្របញ្ជាក់កំណើត
- ☐ Installing street lights ការរៀបចំភ្លើងបំភ្លឺតាមដងផ្លូវ
- ☐ Public law enforcement and order ការពង្រឹងការអនុវត្តច្បាប់សាធារណៈ និងបទបញ្ជាផ្សេងៗ
- ☐ Public housing ការសាងសង់លំនៅដ្ឋានសាធារណៈ
- ☐ Road construction ការសាងសង់ផ្លូវ
- ☐ Road maintenance ការថែទាំផ្លូវ
- ☐ Road safety ការធានាសុវត្ថិភាពតាមផ្លូវ
- ☐ Water and sanitation ការផ្គត់ផ្គង់ទឹកស្អាត និងអនាម័យ
- ☐ Other ផ្សេងទៀត សូមរៀបរាប់ _____

32. Do you have any comments on improving SWM?

តើអ្នកមានយោបល់អ្វីផ្សេងទៀត ទាក់ទងនឹងការគ្រប់គ្រងសំរាម និងសំណល់រឹងដែរឬទេ? _____

Annex 5: Sample size of SWM Baseline Survey

Tool to be used	T1, T2	T2	T3	F_HHH	MAL_TOT	FEM_TOT	FAMILY	Sample	6.24%
Date and HH	DM	CS	Village						
11-27 Feb Total HH: 42 HHs	Ang Snoul	Bek Chan	Thmei	18	333	351	98	6	HHs
			Trapaing Krasang	24	450	468	127	8	HHs
			Tnaot Muoy Daeum	0	244	253	89	6	HHs
		Damnak Ampil	Damnak Ampil	25	350	344	200	12	HHs
			Kdan Roy	15	406	384	172	10	HHs
12-15 Mar Total HH: 80 HHs	Kampong Tralach	Long Vaek	Anlong Tnaot	38	537	573	274	17	HHs
		Ou Ruessey	Sala Lekh Pram	37	1089	1214	541	34	HHs
		Ta Ches	Svay Krom	51	608	640	273	17	HHs
			Kampong Ta Ches	26	326	325	187	12	HHs
22-26 Mar Total HH: 78 HHs	Stueng Treng	Stung Treng	Phom Prek	40	2436	2330	893	56	HHs
			Phomspean Thmor	26	885	911	348	22	HHs
Total	3 DM	6 CS	11 villages	300	7,664	7,793	3,202	200	HHs

Annex 6: List of surveyors and respondents

List of surveyors

No.	Name	Gender	Role	Institution	Telephone	Email
1	Khim Phearum	Male	SWM Consultant/TL	Freelance	017 554336	Phearum9khim@gmail.com
2	Lorn Trob	Male	Surveyor	Freelance		
3	Venh Menghour	Male	Surveyor	Freelance		
4	Yee Chankea	Male	Surveyor	Freelance		
5	Preung Thearith	Male	Surveyor	Freelance		
6	Keo Khenalen	Female	Surveyor	Freelance		
7	Seang Sonyda	Female	Surveyor	Freelance		

List of respondents in FGDs

Name	Sex	Roles	Telephone	Email
Nim Ny Radeth	Male	District Governor of Angsnoul	089 63 9999	
Nor Sovannrith	Male	Duty district governor of Angsnoul in-charge SWM	015 31 35 35	
Pres Sharom	Male	District council member of Angsnoul	012 530959	
Nu Sokhorn	Male	District council member of Angsnoul	012 757765	
Eang Hong	Male	District council member of Angsnoul	012 85 09 66	
Hem Sineun	Male	District council member of Angsnoul	012 64 46 90	
Sa Muntheun	Male	District council member of Angsnoul	012 25 25 01	
Cheng Nam	Male	District council member of Angsnoul	012 62 12 02	
Min Phy	Male	District council member of Angsnoul	016 6727 29	
Chea Yim	Male	District council member of Angsnoul	012497887	
Min Sophat	Male	Chief of administrated office of Angsnoul	015 72 82 53	
Horn Phally	Male	Deputy director of administration of Angsnoul	012 58 20 69	
Ros Rum	Male	Office chief of inter-sector of Angsnoul district	012 970760	
Keo Nareth	Male	Office chief for commune support	01255 0569	
Kann Chanraksmeay	Male	Vice chief of procurement office	098 22 63 41	
Oth Veasna	Female	1 st Commune Council of Bekchan commune	012 73 40 84	

Name	Sex	Roles	Telephone	Email
Kong Nap Sry	Male	2 nd Commune council of Bekchan commune	012 71 44 70	
Dok Reth	Male	Commune Chief of Bekchan commune	012 82 68 91	
Sum Kalyan	Female	Commune Chief of Damnak Ampil	012 99 20 97	
Nai Lai	Male	1 st Commune council of Damnak Ampil, Agriculture	012 983 845	
Hou Sethat	Male	2 nd Commune council of Damnak Ampil, Admin	012 619096	
Rorn Vannak	Male	Commune Council of Damnak Ampil, General affair	010 98 2838	
Chhut Dim	Male	Commune Council of Damnak Ampil, Conflict resolution	093 94 9889	
Oun Chanty	Male	Environmental office chief of Kg. Tralach district	092 817792	
San Sam Ath	Male	Deputy District Governor of Kg. Trolach district	077 91 20 05	
Sann Sam Pheap	Female	Officer of Kg. Tralach district, Public Admin	099 22 00 25	
Mov Sokhum	Male	Kg. Tralach District council, in-charge SWM and WATSAN	095 771107	
Moa Heng	Male	District council member of Kg. Tralach district, SWM and WATSAN	097 87 72 255	
Noun Soth	Male	Commune Chief of Kampong Tralach commune	095 716258	
Svey Sim	Female	1 st Commune council Kampong Tralach, in charge Woman and Children's affair	097 5515732	
Venn Thai	Male	2 nd Commune council Kampong Tralach	097 8426468	
Mar Mai Sam	Female	Commune council, in charge Women and Children's affair and WATSAN	089 742552	
Earn Mony	Male	Commune Clerk	017594294	
Chea Vanna	Male	Commune Chief of Oreussey commune	092832138	
An Chiv Preng	Male	1 st Commune Council of Oreussey commune	092 93 36 01	
Sorm Bunkorng	Male	2 nd Commune Council of Oreussey commune	089 88 13 97	
Kuy Bunly	Male	Commune Chief Assistant, Commune Council	012 41 98 31	
Him Moe	Male	Commune Council, Public Function	078243883	
Ros Chhorn	Male	Commune Focal Point, M&E	097844 338	
Chhim Piset	Male	Commune Clerk	012221186	
So Sonary	Female	Sala Lek Pram Village Chief	012 68 9018	
Srey Sareth	Male	Anglong Thnort village chief	085 66 85 78	
Touch E	Male	Commune Chief of Loungvek Commune	015 68 69 81	
Buth Sareun	Male	1 st Commune council of Loungvek Commune	010 9437 57	
Hong Heng	Female	2 nd Commune council of Loungvek, in-charge Women and Children's affair		
Yim Sophal	Male	Commune Council member, in-charge agriculture affairs	070888223	
Sok Sophal	Male	Commune Council member, SWM Focal Point	0963914573	
Sai Kosal	Male	Municipality Governor of Stung Treng	012 46 95 21	
Pich Ramy	Male	Deputy Municipality Governor, SWM Focal Point	012 402944	

Name	Sex	Roles	Telephone	Email
Yeung Srey Peary	Female	Deputy Municipality Governor in-charge WC's affairs, eco, finance, social affairs	097 7965592	
Seng Bunna	Female	Procurement and Administration director	092 43 13 24	
Sy Villai	Female	Vice chief of administration office, Finance	012 75 3194	
Leu Tith	Male	Chief of Stung Treng Municipality Council	071 9393 399	
Roth Vandeth	Female	Chief of Stung Treng Municipality Council	097 9592 727	
Plong Kheng	Male	Chief of Stung Treng Municipality Council	012 236466	
Gno Khamnak	Male	Chief of Stung Treng Municipality Council	012 970 966	
Chheun Noun	Male	Chief of Stung Treng Municipality Council	097 7398 811	
Dav Pin	Male	Chief of Stung Treng Municipality Council	097 9637425	
Chea Vann	Male	Chief of Sangkat Stung Treng	012 321108	
Chann Leakna	Female	1 st Sangkat Council in-charge economic affairs	0979514414	
Mao Bun	Male	2 nd Sangkat Council in-charge health and social affairs	017366700	
Lon Yu	Male	Sangkat council member of Sangkat Stung Treng	0882304401	
Vy Kham Saneth	Female	Sangkat council member, in-charge Women and Children's affair	0972907949	

Annex 7: Project Result Framework and Indicators

VII. Result framework (the Matrix) Intended Outcome as stated in the UNDAF/Country Programme Results and Resource Framework:								
UNDAF Outcome 3: By 2018, national and subnational institutions are more transparent and accountable for key public-sector reforms and rule of law; are more responsive to the inequalities in enjoyment of human rights of all people living in Cambodia; and increase civic participation in democratic decision-making.								
Outcome indicators as stated in the Country Programme Results and Resources Framework, including baseline and targets: (useful to have wording of the outcome indicator)								
Output 2.1: Mechanisms and channels for government-citizen dialogue exist that establish long-term accountability relationships.								
UNDP Strategic Plan (2018-2021) Outcome 2: Accelerate Structural Transformations for Sustainable Development								
Project title and Atlas Project Number: Inclusive Governance for Service Delivery and Social Accountability (Project No. TBC)								
Expected objective and key outputs	Indicators	Data sources	Baseline		Targets (by frequency of data collection)			Data collection methods
			Value	Year	Year 1	Year 2	Final	
Output 1: Selected DM/CS more be able in performing their roles in local service delivery, with a focus on SWM	% of DM/CS councilors and officials reporting improvement in their performance as a result of training and other capacity development supports they receive from the project (by sex, age)	Project Primary data collected through focus group discussions.	To be collected	2018	TBD	TBD	At least 70% of the total sample	Regular and interval assessment to done by project team and contracted consultant
	Extent to which the design/development of key UNDP's supported local governance services is inclusive and participatory	Project Primary data collected through LG FGD	1-Limited Extent		n/a	n/a	3-Great Extent	Regular and interval assessment to done by project team and contracted consultant
	# of local citizens access to SWM collection services (waste regularly collected according to the guideline set)	Project	To be collected	2018	To be determined after baseline exercise	To be determined after baseline exercise	To be determined after baseline exercise	Regular and interval assessment to done by project team and contracted consultant

	# of local small business access to SWM collection services (waste regularly collected according to the guideline set)	Project	To be collected	2018	To be determined after baseline exercise	To be determined after baseline exercise	To be determined after baseline exercise	Regular and interval assessment to done by project team and contracted consultant
Should there be an Output 2 here (<i>ref. project description</i>)? Output 2:		Project Primary data collected through LG FGD and people perception surveys	1-Limited Extent		n/a	n/a	3-Great Extent	Regular and interval assessment to done by project team and contracted consultant
	# of complaints filed relating to SWM	Project Primary data collected through LG FGD and people perception surveys	To be collected	2018	At least 15%	At least 30%	At least 30% of the total SWM service clients	Regular and interval assessment to done by project team and contracted consultant
	% of complaints relating to SWM that are addressed/resolved.	Project Primary data collected through LG FGD and people surveys	To be collected	2018	At least 25%	At least 50%	At least 50% of the total complaints filed	Regular and interval assessment to done by project team and contracted consultant
Output 3 L Lessons learned from the project shared and used effectively to scale-up and inform policy changes	# of new DM/CS adopting the SWM model (structure and workplan in place)	Project	0	2018	1	2	At least 3 DM/CS	Regular and interval assessment to done by project team and contracted consultant
	# of new DM/CS plans to adopt the SWM model (DM/CS leader decision)	Project	0	2018	2	3	At least 5 DM/CS	Regular and interval assessment to done by project team and contracted consultant

Annex 6: Sample of letter sent to DMs

ព្រះរាជាណាចក្រកម្ពុជា
ជាតិ សាសនា ព្រះមហាក្សត្រ



Empowered lives.
Resilient nations.

គោរពជូន
លោកអភិបាលនៃគណៈអភិបាលស្រុកអង្គស្នួល

- កម្មវត្ថុ:** កិច្ចសហការលើការប្រមូលទិន្នន័យដើមគ្រា សម្រាប់គម្រោងអភិបាលកិច្ចប្រកបដោយបរិយាប័ន្នក្នុងការផ្តល់សេវា និងគណនេយ្យភាពសង្គម។
- យោង:** គម្រោងអភិបាលកិច្ចប្រកបដោយបរិយាប័ន្នក្នុងការផ្តល់សេវា និងគណនេយ្យភាពសង្គម។

តបតាមកម្មវត្ថុ និងយោងខាងលើនាងខ្ញុំសូមជម្រាបជូនលោកអភិបាលមេត្តាជ្រាបថា កម្មវិធីអភិវឌ្ឍន៍នៃអង្គការសហប្រជាជាតិ (UNDP) ប្រចាំប្រទេសកម្ពុជាថ្មីៗនេះបានចាប់ផ្តើមអនុវត្តន៍គម្រោងមួយ ដែលមានឈ្មោះថា គម្រោងអភិបាលកិច្ចប្រកបដោយបរិយាប័ន្នក្នុងការផ្តល់សេវា និងគណនេយ្យភាពសង្គម។ គម្រោងមានការតាំងចិត្តសម្រេចឱ្យបាននូវលទ្ធផលចំនួនបីគឺ៖ ទី១-ការអភិវឌ្ឍសមត្ថភាពក្រុងស្រុក ឃុំសង្កាត់អំពីការផ្តល់សេវានៅមូលដ្ឋាន ទី២-ការចូលរួមរបស់ប្រជាពលរដ្ឋ និងគណនេយ្យភាព និងទី៣-ការតស៊ូមតិ និងទំនាក់ទំនង។ គម្រោងបាន និងកំពុងអនុវត្តលើក្រុង ស្រុកគោលដៅចំនួនបី គឺក្រុងស្ទឹងត្រែង ស្រុកអង្គស្នួល និងស្រុកកំពង់ត្រឡាច។

ស្របទៅតាមផែនការសកម្មភាព ពេលនេះគម្រោងបានចាប់ផ្តើមដំណើរការប្រមូលទិន្នន័យដើមគ្រា ដោយបានជ្រើសរើសទីប្រឹក្សារយៈពេលខ្លី គឺលោក **ខឹម ភារម្យ** ឱ្យអនុវត្តកិច្ចការនេះ។ ការចុះប្រមូលទិន្នន័យនៅមូលដ្ឋានរបស់ទីប្រឹក្សា និងក្រុមការងារ នឹងប្រព្រឹត្តទៅនៅស្រុកអង្គស្នួល ឃុំដំណាក់អំពិល និងឃុំបែកបាន ទៅតាមកាលបរិច្ឆេទដូចបានកំណត់នៅក្នុងកាលវិភាគភ្ជាប់ជូនមកជាមួយ។

សេចក្តីដូចបានជម្រាបជូនខាងលើ សូមលោកអភិបាលមេត្តាចាត់ចែង អញ្ជើញសមាសភាពចូលរួមការសំភាសន៍នៅរដ្ឋបាលស្រុក និងណែនាំឃុំដំណាក់អំពិល និងឃុំបែកបាន ដើម្បីចាត់ចែងអញ្ជើញសមាសភាពចូលរួមការសំភាសន៍នៅរដ្ឋបាលឃុំទៅតាមកាលវិភាគភ្ជាប់ជូនមកជាមួយ និងផ្តល់កិច្ចសហការ និងគាំទ្រផ្សេងៗទៀតដល់ដំណើរការប្រមូលទិន្នន័យដើមគ្រានេះឱ្យទទួលបានជោគជ័យ។

សូមលោកអភិបាលទទួលនូវការគោរពរាប់អានអំពីនាងខ្ញុំ។

ភ្នំពេញថ្ងៃទី០៧ ខែកុម្ភៈ ឆ្នាំ២០១៩

ឃ.ស

បណ្ឌិត ប៉ែន ព័ន្ធ
ប្រធានគ្រប់គ្រងកម្មវិធី

សម្រាប់ព័ត៌មានបន្ថែមសូមទាក់ទង៖
លោក ខឹម ភារម្យ ទូរស័ព្ទលេខ ០១៧ ៥៥៤ ៣៣៦
លោក អ៊ុក គុណកា ទូរស័ព្ទលេខ ០១៥/០៧៨ ៦៦៦ ៣៦០

ព្រះរាជាណាចក្រកម្ពុជា
ជាតិ សាសនា ព្រះមហាក្សត្រ



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គោរពជូន
លោកអភិបាលនៃគណៈអភិបាលស្រុកកំពង់ត្រឡាច

កម្មវត្ថុ: កិច្ចសហការលើការប្រមូលទិន្នន័យដើមគ្រា សម្រាប់គម្រោងអភិបាលកិច្ចប្រកបដោយបរិយាប័ន្នក្នុងការផ្តល់សេវា និងគណនេយ្យភាពសង្គម។

យោង: គម្រោងអភិបាលកិច្ចប្រកបដោយបរិយាប័ន្នក្នុងការផ្តល់សេវា និងគណនេយ្យភាពសង្គម។

តបតាមកម្មវត្ថុ និងយោងខាងលើនាងខ្ញុំសូមជម្រាបជូនលោកអភិបាលមេត្តាជ្រាបថា កម្មវិធីអភិវឌ្ឍន៍នៃអង្គការសហប្រជាជាតិ (UNDP) ប្រចាំប្រទេសកម្ពុជាថ្មីៗនេះបានចាប់ផ្តើមអនុវត្តន៍គម្រោងមួយ ដែលមានឈ្មោះថា គម្រោងអភិបាលកិច្ចប្រកបដោយបរិយាប័ន្នក្នុងការផ្តល់សេវា និងគណនេយ្យភាពសង្គម។ គម្រោងមានការតាំងចិត្តសម្រេចឱ្យបាននូវលទ្ធផលចំនួនបីគឺ៖ ទី១-ការអភិវឌ្ឍសមត្ថភាពក្រុងស្រុក ឃុំសង្កាត់អំពីការផ្តល់សេវានៅមូលដ្ឋាន ទី២-ការចូលរួមរបស់ប្រជាពលរដ្ឋ និងគណនេយ្យភាព និង ទី៣-ការតស៊ូមតិ និងទំនាក់ទំនង។ គម្រោងបាន នឹងកំពុងអនុវត្តលើក្រុង ស្រុកគោលដៅចំនួនបី គឺក្រុងស្ទឹងត្រែង ស្រុកអង្គស្នួល និងស្រុកកំពង់ត្រឡាច។

ស្របទៅតាមផែនការសកម្មភាព ពេលនេះគម្រោងបានចាប់ផ្តើមដំណើរការប្រមូលទិន្នន័យដើមគ្រា ដោយបានជ្រើសរើសទីប្រឹក្សារយៈពេលខ្លី គឺលោក **ខឹម ភារម្យ** ឱ្យអនុវត្តកិច្ចការនេះ។ ការចុះប្រមូលទិន្នន័យនៅមូលដ្ឋានរបស់ទីប្រឹក្សា និងក្រុមការងារ នឹងប្រព្រឹត្តទៅនៅស្រុកកំពង់ត្រឡាច ឃុំលង្វែក ឃុំអូរឫស្សី និងឃុំតាចេស ទៅតាមកាលបរិច្ឆេទដូចបានកំណត់នៅក្នុងកាលវិភាគភ្ជាប់ជូនមកជាមួយ។

សេចក្តីដូចបានជម្រាបជូនខាងលើ សូមលោកអភិបាលមេត្តាចាត់ចែង អញ្ជើញសមាសភាពចូលរួមការសំភាសន៍នៅរដ្ឋបាលស្រុកកំពង់ត្រឡាច និងណែនាំជូនដំណឹងដល់ឃុំលង្វែក ឃុំអូរឫស្សី និងឃុំតាចេស ដើម្បីចាត់ចែងអញ្ជើញសមាសភាពចូលរួមការសំភាសន៍ ទៅតាមកាលវិភាគភ្ជាប់ជូនមកជាមួយ និងផ្តល់កិច្ចសហការ និងការគាំទ្រផ្សេងៗទៀតដល់ដំណើរការប្រមូលទិន្នន័យដើមគ្រានេះឱ្យទទួលបានជោគជ័យ។

សូមលោកអភិបាលទទួលនូវការគោរពរាប់អានអំពីនាងខ្ញុំ។

ភ្នំពេញថ្ងៃទី០៧ ខែកុម្ភៈ ឆ្នាំ២០១៩


បណ្ឌិត ខឹម ភារម្យ
ប្រធានគ្រប់គ្រងកម្មវិធី

សម្រាប់ព័ត៌មានបន្ថែមសូមទាក់ទង៖
លោក ខឹម ភារម្យ ទូរស័ព្ទលេខ ០១៧ ៥៥៤ ៣៣៦
លោក អ៊ុក គុណា ទូរស័ព្ទលេខ ០១៥/០៧៨ ៦៦៦ ៣៦០

ព្រះរាជាណាចក្រកម្ពុជា
ជាតិ សាសនា ព្រះមហាក្សត្រ



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គោរពជូន
លោកអភិបាលនៃគណៈអភិបាលក្រុងស្ទឹងត្រែង

- កម្មវត្ថុ:** កិច្ចសហការលើការប្រមូលទិន្នន័យដើមគ្រា សម្រាប់គម្រោងអភិបាលកិច្ចប្រកបដោយបរិយាប័ន្នក្នុងការផ្តល់សេវា និងគណនេយ្យភាពសង្គម។
- យោង:** គម្រោងអភិបាលកិច្ចប្រកបដោយបរិយាប័ន្នក្នុងការផ្តល់សេវា និងគណនេយ្យភាពសង្គម។

គបតាមកម្មវត្ថុ និងយោងខាងលើនាងខ្ញុំសូមជម្រាបជូនលោកអភិបាលមេត្តាជ្រាបថា កម្មវិធីអភិវឌ្ឍន៍នៃអង្គការសហប្រជាជាតិ (UNDP) ប្រចាំប្រទេសកម្ពុជាថ្មីៗនេះបានចាប់ផ្តើមអនុវត្តគម្រោងមួយ ដែលមានឈ្មោះថា គម្រោងអភិបាលកិច្ចប្រកបដោយបរិយាប័ន្នក្នុងការផ្តល់សេវា និងគណនេយ្យភាពសង្គម។ គម្រោងមានការគាំពារចិត្តសម្រេចឱ្យបាននូវលទ្ធផលចំនួនបីគឺ៖ ទី១-ការអភិវឌ្ឍសមត្ថភាពក្រុងស្រុក ឃុំសង្កាត់អំពីការផ្តល់សេវានៅមូលដ្ឋាន ទី២-ការចូលរួមរបស់ប្រជាពលរដ្ឋ និងគណនេយ្យភាព និងទី៣-ការតស៊ូមតិ និងទំនាក់ទំនង។ គម្រោងបាន នឹងកំពុងអនុវត្តលើក្រុង ស្រុកគោលដៅចំនួនបី គឺក្រុងស្ទឹងត្រែង ស្រុកអង្គស្នួល និងស្រុកកំពង់ត្រឡាច។

ស្របទៅតាមផែនការសកម្មភាព ពេលនេះគម្រោងបានចាប់ផ្តើមដំណើរការប្រមូលទិន្នន័យដើមគ្រា ដោយបានជ្រើសរើសទីប្រឹក្សារយៈពេលខ្លី គឺលោក **ឌឹម ភារម្យ** ឱ្យអនុវត្តកិច្ចការនេះ។ ការចុះប្រមូលទិន្នន័យនៅមូលដ្ឋានរបស់ទីប្រឹក្សា និងក្រុមការងារ នឹងប្រព្រឹត្តទៅនៅក្រុងស្ទឹងត្រែង និងសង្កាត់ស្ទឹងត្រែង ទៅតាមកាលបរិច្ឆេទដូចបានកំណត់នៅក្នុងកាលវិភាគភ្ជាប់ជូនមកជាមួយ។

សេចក្តីដូចបានជម្រាបជូនខាងលើ សូមលោកអភិបាលមេត្តាចាត់ចែង អញ្ជើញសមាសភាពចូលរួមការសំភាសន៍នៅរដ្ឋបាលក្រុងស្ទឹងត្រែង និងណែនាំជូនដំណឹងដល់សង្កាត់ស្ទឹងត្រែង ដើម្បីចាត់ចែងអញ្ជើញសមាសភាពចូលរួមការសំភាសន៍នៅសង្កាត់ស្ទឹងត្រែងទៅតាមកាលវិភាគភ្ជាប់ជូនមកជាមួយ និងផ្តល់កិច្ចសហការ និងការគាំទ្រផ្សេងៗទៀតដល់ដំណើរការប្រមូលទិន្នន័យដើមគ្រានេះឱ្យទទួលបានជោគជ័យ។

សូមលោកអភិបាលទទួលនូវការគោរពរាប់អានអំពីនាងខ្ញុំ។

ភ្នំពេញថ្ងៃទី០៧ ខែកុម្ភៈ ឆ្នាំ២០១៩


បណ្ឌិត ឌឹម ភារម្យ
ប្រធានគ្រប់គ្រងកម្មវិធី

សម្រាប់ព័ត៌មានបន្ថែមសូមទាក់ទង៖
លោក ឌឹម ភារម្យ ទូរស័ព្ទលេខ ០១៧ ៥៥៤ ៣៣៦
លោក អ៊ុក គុណកា ទូរស័ព្ទលេខ ០១៨/០៧៨ ៦៦៦ ៣៦០

References:

- Prakas 073 of MoE on the use of basket fund for SWM implementation
- Regulation 1070 of MoE on the implementation of sub-decree 113 on SWM
- Guideline on implementation of SW function for multi sectoral/inter-ministries
- RGC Sub-decree 113 on solid Waste Management
- Municipal solid waste management: Constraints and opportunities to improve capacity of local government authorities of Phnom Penh Capital
- Suitability assessment for handling methods of municipal solid wastes
- Assessment of Public–Private Partnership in Municipal Solid Waste Management in Phnom Penh, Cambodia
- Households' knowledge, attitudes, and practices toward solid waste management in suburbs of Phnom Penh, Cambodia
- Solid Waste Generation and Life Life-Span with Credible Growth Forecasts Waste Generation, Volume and Composition (Asia Foundation)
- Final report for a study research on Improving Waste Management in Phnom Penh taking into account Study & Analysis on (Asia Foundation)
- Project documents: proposal, Logframe/Result Framework/Indicators
- Relevant policies, guidelines, sub-decree, Regulations as listed below:

