

# Questionnaire on personnel in charge of municipal solid waste management in the country

## 1. About You and Your Institution

### 1.1 About Yourself

1.1.1 What is your name?

Mr.  Ms.  Dr.

First Name:

Middle Name:

Last Name:

1.1.2 Which organization do you belong to?

Name of Organization:

✘ eg: Ministry of Environment

Which department or section?:

✘ eg: Department of Pollution Control, ABC section, DEF unit.

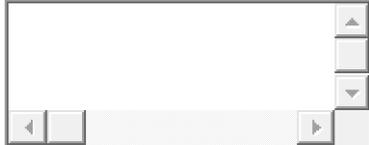
1.1.3 What is your position in the above organization?

✘ eg: Director, cheif, etc

## 1.2 About Your Institution

### 1.2.1 Responsibilities and Duties

1.2.1(1)-1 What are the responsibility of your section or department? Please list all



✘ eg: waste management, air pollution control, and national park/forest management.

1.2.1(1)-2 Which type of waste is your department/section in charge of? Please list all



✘ eg: Municipal waste, Medical waste, Hazardous waste, etc.

1.2.1(2)-1 Do you communicate with local governments for implementing laws/regulations?

a) No     a) Yes, for

✘ If "Yes, for", please go to 1.2.1(2)-2

1.2.1(2)-2 please specify

- conveying laws/regulations
- providing instruction through meetings/seminars
- providing technical support
- providing financial support
- Other(s) ( Please specify:  )

※ Multiple answers allowed for questions with checkbox questions (same for all questions here on).

1.2.1(3)-1 Do you monitor/evaluate the implementation of laws/regulations in cities?

- a) No     b) Yes, for

※ If "Yes, for", please go to 1.2.1(3)-2

1.2.1(3)-2 please specify how

- receiving reports from local governments
- sending your staffs to check
- other(s) ( Please specify:  )

1.2.1(4)-1 Do you use results of the monitoring/evaluation?

- a) No     b) Yes, for

※ If “Yes, for”, please go to 1.2.1(4)–2

1.2.1(4)–2 please specify

- providing local governments further instructions
- preparing plans such as activity plan for the next year(s)
- preparing budget
- other(s) ( Please specify:  )

1.2.2 Number of staffs in the department or section in charge of SWM

What is the total number of staffs in the department or section in charge of SWM?

staffs

※ Give approximate figure if exact number is unknown.

1.2.3 Number of skilled staffs in the said department or section

a) Took solid waste management and/or related course in university/graduate

staffs

b) Participated in solid waste management and/or related training course

staffs

c) Worked in the solid waste management sector for 5 years and more

staffs

1.2.4 Does your organization provide opportunities to deepen your knowledge on SWM?

- a) No opportunities     b) Yes, but there are no programs     c) Yes,  
there are programs

### 1.3 Other Institutions related to SWM

Please name the other related institution(s)

Name (Institution 1)

✘ eg: Ministry of Health, Department of ABC

Responsibilities

✘ eg: In charge of medical waste

Name (Institution 2)

✘ eg: Ministry of Health

Responsibilities

✘ eg: Responsible for medical waste

Name (Institution 3)

✘ eg: Ministry of Health

Responsibilities

✘ eg: Responsible for medical waste

Please use the following area if you have more than 3 institutions.

## 2. Legal System

### 2.1 National Basic Law on municipal SWM

2.1.1 Is there a national basic law on municipal solid waste management?

- a) No     b) Yes

✘ If "Yes", please go to 2.1.2

2.1.2 If "Yes", please give the details of the law

2.1.2(1) Please give us the 1) title and 2) year of the National Basic Law

enacted

2.1.2(2) Does the law clearly define what is municipal waste?

- a) No  b) Yes

2.1.2(3) Does the law clearly define responsibilities of stakeholders?

- a) No  b) Yes

2.1.2(4) Does the law regulate preparation of national plan of municipal solid waste management?

- a) No  b) Yes (  A long term plan (such as 5-year and 10-year)  Annual plan  Both )

2.1.2(5) Is the law appropriately implemented?

- a) No, because  b) Yes

2.1.2(6) If "NO" in 2.1.2(5) above, please specify

- lack of understanding among stakeholders

- lack of appropriate budget allocation
- others ( Please specify:  )

## 2.2 National Policy, Strategy, or Plan for SWM

### 2.2.1 Is there policy, strategy, or plan for SWM?

a) Please specify the 1) title and 2) year prepared if you have SWM POLICY

b) Please specify the 1) title and 2) year prepared if you have SWM STRATEGY

c) Please specify the 1) title and 2) year prepared if you have SWM PLAN

## 2.3 Other legal system

### 2.3.1 Is(are) there law(s)/regulation(s) specific to recycling?

- a) No
  - b) Yes ( Please specify 1) title and 2) year enacted:  )
- ※ eg: 1) Plastic recycling law 2)2010 )

2.3.2 Is(are) there law(s)/regulation(s) specific to encouraging renewable energy, including Waste-to-Energy?

a) No

b) Yes ( Please specify 1) title and 2) year enacted:

※ eg: 1) Material Recovery Act, 2) 2010 )

2.3.3 Is(are) there law(s)/regulation(s) for ban on plastic bags?

a) No

b) Yes ( Please specify 1) title and 2 year enacted:

※ eg: 1) Legislation on use of plastic bags, 2) 2015 )

2.3.4 Is(are) there law(s)/regulation(s) for environmental assessment system for construction/ operation of SWM facilities?

a) No

b) Yes ( Please specify 1) title and 2) year enacted:

2.3.5 Is(are) there law(s) on management of other waste(s)?

a) No

b) Yes (  Healthcare waste  Construction waste  Industrial waste  Hazardous waste  Other

※ Please specify the title and year in next question )

If "Yes", please list the titles here

2.3.6 Is(are) there law(s) on Public-Private Partnership (PPP)?

- a) No
- b) Yes ( Please specify 1) title and 2) year enacted: )

### 3. Informal Sector Involvement

3.1(1) Are there informal activities in the waste management sector? Examples of informal activities are listed in 3.1(2).

- a) No     b) Yes

3.1(2) If "Yes", what kind of activity(es) are they involved?

- a) collection of recyclable materials on the streets
- b) collection of recyclable materials at disposal site
- c) other activity(es) ( Please specify: )

3.2(1) Is there any policy/law for supporting the informal sector?

- a) No     b) Yes

※ If "Yes", please go to 3.2(2)

3.2(2) If "Yes" in above question please specify the 1) title and 2) year enacted



※ eg: 1) Municipal waste management act, 2) 2007

## 4. Technical Performance

### 4.1 Do you have following data for whole country?

4.1.1 Waste Generation amount

4.1.2 Collected waste amount

4.1.3 Disposed waste amount

4.1.4 Recycled material amount

4.1.5 Waste amount put into composting facility

4.1.6 Waste amount put into incineration facility

4.1.7 Waste amount put into bio-gas plant (anaerobic digestion facility)

4.1.8 Waste amount put into other treatment facility

### 4.2 System/procedure for collection of SWM data

Do you have established system/procedure for collection of SWM data from local governments?

- a) No     b) Yes ( )

How often do you collect the SWM data?

### 4.3 Final Disposal facilities

4.3.1 Is(Are) there sanitary landfill(s) in your country?

- a) No     b) Yes

※ If "Yes", please go to 4.3.2

4.3.2 How many are they?

- a) No data available
- b) Number of operational sanitary landfill is: (  landfill(s)
- ※ For planning phase, please indicate in c). )
- c) Number of sanitary landfill in planning phase is: (  landfill(s) )

## 5. Finance

5.1 Is there national budget for SWM in your country?

- a) No     b) Yes ( If "Yes", how much per year?:  ※ Please include currency; eg. 10,000,000USD )

5.2 Is there any tax related to SWM?

- a) No     b) Yes

5.3 Is there any subsidy related to SWM for local governments?

- a) No     b) Yes, for ( Please specify:  ※ eg: operation, procurement of collection vehicle, etc. )

5.4 Is there any other financial support system for SWM?

- a) No     b) Yes ( If "Yes", please specify the scheme.:  )

## 6. Donor Assistance

Do you have assistance from donor(s) in SWM?

- a) No     b) Yes

If "Yes", please list 1) donor name, 2) project name, and 3) year of duration.

※ eg: JICA, Integrated SWM capacity development in the city of ABC, 2005–2008.

## 7. Needs for Improvement

### 7.1 Necessity of improvement in SWM system

7.1.1 Do you need to improve the SWM system?

- a) No     b) Yes

※ If "No", please go to "8. Any Comments." If "Yes", please go to "7.1.2 What are the priorities in improvement of SWM system?"

7.1.2 What are the priorities in improvement of SWM system? Please select top 3 priority areas from A)–F) below and specify the needs.

A) Legal issues :

( Please specify:  )

※ eg: Preparation of a SWM basic law. )

B) Institutional Issues: ( Please specify:  )

※ eg: Institutional reform )

C) Technical Issues : ( Please specify:  )

※ eg: Collection, Recycling, )

D) Financial Issues: ( Please specify:  )

※ eg: development of fee system, applying waste tax system )

E) Social issues: ( Please specify:  )

※ eg: Social inclusion of waste pickers )

F) Others:

( Please specify:  )

## 8. Any Comments

Please give any comments you may have.

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