

I.2 Second Joint Coordination Meeting: 26th July 2010;

II-125

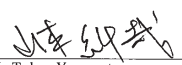
MINUTES OF MEETINGS
BETWEEN
THE AUTHORITIES CONCERNED OF THE GOVERNMENT OF THE
DOMINICAN REPUBLIC
AND
JICA EXPERT TEAM
ON
JOINT COORDINATING COMMITTEE OF
PROJECT FOR APPROPRIATE WASTE MANAGEMENT
IN SANTO DOMINGO DE GUZMAN, NATIONAL DISTRICT,
DOMINICAN REPUBLIC


The Expert Team of Japan International Cooperation Agency (hereinafter referred to as "JICA") had a series of discussions with the authorities concerned of the Government of Dominican Republic on the Project for Appropriate Waste Management in Santo Domingo de Guzman, National District, Dominican Republic (hereinafter referred to as "the Project").

As a result of discussions, the JICA Expert Team and the Dominican Republic side agreed on the matters referred to in the document attached hereto.

These texts were done in duplicate in Spanish and English languages, each text being equally authentic. In case of any divergence of interpretation, the English text shall prevail.

Santo Domingo, 26 July 2010


Mr. Tadayama Yamamoto
Chief Adviser,
JICA Expert Team,


Mr. Esmerito A. Salcedo Gavilán
Mayor,
Ayuntamiento del Distrito Nacional
Santo Domingo de Guzmán
Dominican Republic

ATTACHED DOCUMENT

1. Introduction

Joint Coordinating Committee (hereinafter referred to as "JCC") was held on 26 July 2010.

Various issues were discussed and clarifications on the project activities were made. Subsequently, appropriate consensus was reached during the meetings. These issues, clarification and consensus are outlined in the following paragraphs.

2. Verifiable Indicators and Means of Verification in Project Design Matrix

Verifiable Indicators and Means of Verification of the Project Design Matrix (hereinafter referred to as "PDM") should be reviewed and clarified in this second year of the project (i.e., July 2010 to July 2011), because although there are some data that could be employed for reports listed as Means of Verification in PDM, such data are still not processed or arranged to publish periodical reports by the Dominican Republic side.

3. Pilot project to reduce organic wastes to be disposed of at final disposal site(s)

The site for the pilot project of shredding pruned wastes is secured inside the Mirador Sur Park of the National District. The shredding machine will be provided by JICA at around October 2010. Inputs by the Dominican Republic side necessary for the pilot project activities should be ready by the time accordingly.

When the pilot project of shredding pruned wastes is going to be expanded to a plenary project of organic waste reduction and utilization in the future, other machinery such as a larger shredder and a compost turner become necessary.

4. Appointment of personnel

4.1 Confirmation of Joint Coordinating Committee members

It is confirmed by the both sides that Mr. Onofre Rojas is appointed as a JCC member as a Representative of the Mancomunidad del Gran Santo Domingo and Mr. Desiderio Ruiz is maintained as a JCC member as a Representative of National District for the Mancomunidad del Gran Santo Domingo. Consequently, members of JCC of the Project are confirmed as shown in the Annex I.

When appointment and/or substitution of JCC member takes place, the JCC chairperson should inform to all whom concerned accordingly.

4.2 Technical Committee members

Members of Technical Committee (hereinafter referred to as "TC") of the Project are confirmed as shown in the Annex II.

When appointment and/or substitution of TC member takes place, the TC chairperson should inform to all whom concerned accordingly.

4.3 Dominican Counterpart personnel and JICA Expert Team members

Members of Dominican Counterpart (hereinafter referred to as "C/P") personnel and JICA Expert Team (hereinafter referred to as "JET") members of the Project are confirmed as shown in the Annex III.

When appointment and/or substitution of C/P or JET member takes place, it should be informed to all whom concerned accordingly.

5. "Training of Dominican Personnel in Japan and/or Other Countries" stated in the R/D

Two (2) third-country trainings are tentatively planned for the Japanese fiscal year 2010 (i.e. until March 2011) as follows.

- Training in Cuba for two (2) C/P members for about five (5) days at around September 2010
- Training in Mexico for four (4) C/P members for about five (5) days at around February 2011

It is requested that appointment of C/P members respectively for the above two (2) trainings should be made in time accordingly.

6. Schedule of Activities

Both sides acknowledged that some activities of the Project have a little delay compared to the original timetable shown in the Plan of Operation (hereinafter referred to as "PO") and however that is recoverable in this second year of the project (i.e., July 2010 to July 2011) by joint works of both sides. (see the PO timetable monitoring sheet as Annex IV)

Annex I: The Joint Coordinating Committee members

Name	Position
Esmérito A. Salcedo Gavilán	Mayor of National District, Santo Domingo de Guzmán (Project Director)
José Miguel Martínez Guridy	Director General of DIGAU (Project Manager)
Onofre Rojas	Executive Director of Mancomunidad del Gran Santo Domingo
Desiderio Ruiz	Representative of National District for the Mancomunidad del Gran Santo Domingo
Ernesto Reyna	Representative of Ministry of Environment and Natural Resources, Vice-minister of Environmental Management
Luis Feliz Roa	Representative of Ministry of Public Health and Social Assistance, Director General of Environmental Health
América Bastidas	Representative of Ministry of Economy, Planning and Development, Vice-minister of International Cooperation
Tadaya Yamamoto	JET Chief Adviser
Hiroshi Kato	JET Deputy Chief Adviser
Tadashi Ikeshiro	Representative of JICA Dominican Republic Office
Michinari Kawano	Official of Embassy of Japan (Observer)
-	Others agreed by the JCC

Annex II: The Technical Committee members

Name	Position
José Miguel Martínez Guridy	Director Manager of DIGAU (Chairperson)
Desiderio Ruiz	Representative(s) of Mancomunidad del Gran Santo Domingo
Porfirio Ortega	Representative of Ministry of Environment and Natural Resources
Luis Félix Roa	Representative of Ministry of Public Health and Social Welfare/ General Directorate of Environmental Health
Oscar García	Representative of General Directorate of Urban Cleansing and Equipments
Juan José Guzmán	Representative of General Directorate of Human Development
Sina Del Rosario	Representative of General Directorate of Urban Planning
Marianna Szabo	Representative of Environmental Information Center
Heisor Arias	Representative of Recycling Promotion Center
Moraima Diaz	Director of Citizens Observatory
Cristina Nogueira	Representative of Pan American Health Organization
Tadaya Yamamoto	Chief Adviser, JET
Hiroshi Kato	Deputy Chief Adviser/Waste Minimization/Promotion of 3Rs (1), JET
Masaharu Kina	Solid Waste Education and Awareness Raising/Promotion of 3Rs (2), JET
Koji Kusunoki	Solid Waste Education and Awareness Raising/Promotion of Waste Discharge Manner, JET
Ryo Hiraga	Vehicle Maintenance Management, JET
Shinsuke Okamoto	Vehicle and Spare Parts Data Management, JET
Lisa Muranaka	Project Coordinator, JET

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Annex III: The Dominican Counterpart personnel and JICA Expert Team members

Name	Position
1. Solid Waste Management:	
José Miguel Martínez Guridy	Director Manager of DIGAU
Hugo Pérez Sarraff	Head, Department of Programming and Control General Directorate of Urban Cleansing and Equipments
Rudilerci Castillo	Head, Department of Administration, General Directorate of Urban Cleansing and Equipments
Manuel Ramírez	Head, Department of Urban Cleansing, General Directorate of Urban Cleansing and Equipments
Francisco Martínez	Head, Control Department Division No.2, General Directorate, Urban Cleansing and Equipments
2. Solid Waste Education and Awareness Raising	
Juan José Guzmán	General Director of Human Development
Luis Taveras	Head, Department of Public Education
Marianna Szabo	Coordinator, Environmental Information Center
Anyelina Aquino	Head, Department of Environmental Management
Leomarís Henríquez	Coordinator, Health Centers Collection, General Directorate of Urban Cleansing and Equipment
Massiell Moronta	Member, Department of Administration, General Directorate of Urban Cleansing and Equipments
3. Vehicle Maintenance Management	
Oscar García Arias	Head, Department of Operations
Genaro Rosario	Head, Department of Vehicles Maintenance
Manuel Roa	Staff in charge, Operation Unit for Compactor Trucks
Luis Checo	Coordinator Technician, Department of Maintenance
David Rodríguez	Head of Control, Division No.3, General Directorate of Urban Cleansing and Equipment
4. Waste Minimization/Promotion of 3Rs	
Heisor Arias	Head, Recycling Promotion Center
Amancio Pereyra	Technician, Recycling Promotion Center
Manuel Dajer	Technician, Recycling Promotion Center
Alan Alarcon	Technician, Environmental Information Center
Ana Beatriz Pou	Technician, Environmental Information Center

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Name	Task
Tadaya Yamamoto	Chief Adviser, JET
Hiroshi Kato	Deputy Chief Adviser/Waste Minimization/Promotion of 3Rs (1), JET
Masaharu Kina	Solid Waste Education and Awareness Raising/Promotion of 3Rs (2), JET
Koji Kusunoki	Solid Waste Education and Awareness Raising/Promotion of Waste Discharge Manner, JET
Ryo Hiraga	Vehicle Maintenance Management, JET
Shinsuke Okamoto	Vehicle and Spare Parts Data Management, JET
Lisa Muranaka	Project Coordinator, JET

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Annex IV: Plan of Operation (PO)

		TENTATIVE PLAN OF OPERATION (PO)																																																							
Fiscal Year		FY2009												FY2010												FY2011												FY2012																			
Calendar		7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6								
1. Capacity of AMD on Integrated SWM planning & implementation		Plan																																																							
1.1. Overview the current status of Integrated SWM and identify issues to be addressed		Actual																																																							
1.2. Review and analyze the implementation status of the Integrated SWM Plan(MIP)		Actual																																																							
1.2. Review the development targets and action programs of the Integrated SWM Plan towards 2011 and 2012		Plan																																																							
1.4. Prepare training materials on SWM planning to support other municipalities		Actual																																																							
1.4. Conduct training and workshops on SWM planning to support other municipalities using the above mentioned materials		Actual																																																							
2. Solid waste collection systems to be implemented through improvement of vehicle maintenance and public awareness		Plan																																																							
2.1.1. Study current situation of the maintenance operation of AWD collection vehicles		Actual																																																							
2.1.2. Develop an improvement plan of vehicle maintenance system		Plan																																																							
2.1.3. Develop a procedure on the vehicle maintenance		Actual																																																							
2.1.4. Implement the improvement plan		Actual																																																							
2.1.5. Monitor the implementation and feedback to the maintenance procedure		Actual																																																							
2.2. Study the current situation of waste discharge practices		Actual																																																							
2.2.2. Develop a plan for improving waste discharge practices		Actual																																																							
2.2.3. Develop materials for public awareness on waste discharge		Actual																																																							
2.2.4. Implement the plan using the above mentioned material		Actual																																																							
2.3. Monitor the implementation and feedback to the plan		Actual																																																							
3. 3R6 (Reduce, Reuse and Recycle) approach is introduced to divert waste from final disposal sites		Plan																																																							
3.1.1. Review the current situation of recycling activities on paper, glass, metal, plastic and organic waste		Actual																																																							
3.1.2. Study the feasibility of recycling of valuable materials		Actual																																																							
3.2.1. Develop a program for 3R6 introduction		Actual																																																							
3.2.2. Develop materials for public awareness and promotion of 3R6		Actual																																																							
3.2.3. Implement the program for 3R6 introduction		Actual																																																							
3.2.4. Monitor the implementation and feedback to the program		Actual																																																							
3.3.1. Develop a pilot project plan to expand paper recycling activities		Actual																																																							
3.3.2. Implement the pilot project for paper recycling		Actual																																																							
3.3.3. Review the pilot project and develop plan for expansion of paper recycling		Actual																																																							
3.4.1. Develop pilot project plan for composting		Actual																																																							
3.4.2. Implement pilot project for composting		Actual																																																							
3.4.3. Review the pilot project and develop plan for expansion of compost operation		Actual																																																							

5

I.3 Third Joint Coordination Meeting: 8th October 2010

II-129

MINUTES OF MEETINGS BETWEEN
THE JAPAN INTERNATIONAL COOPERATION AGENCY AND
THE AUTHORITIES CONCERNED OF THE GOVERNMENT OF THE
DOMINICAN REPUBLIC
ON
THE MID-TERM EVALUATION OF JAPANESE TECHNICAL COOPERATION
FOR THE PROJECT FOR APPROPRIATE WASTE MANAGEMENT
IN SANTO DOMINGO DE GUZMAN, NATIONAL DISTRICT,
DOMINICAN REPUBLIC

The Japanese Mid-term Evaluation Team (hereinafter referred to as "the Japanese Team"), organized by Japan International Cooperation Agency (hereinafter referred to as "JICA") visited Dominican Republic from 4th to 8th October 2010 for the purpose of conducting the joint mid-term evaluation on the Project for Appropriate Waste Management in Santo Domingo de Guzman, National District, Dominican Republic (hereinafter referred to as "the Project") on the basis of the Record of Discussions (hereinafter referred to as "the R/D") signed on 25 February 2009.


During its stay in Dominican Republic, the Japanese Team monitored and evaluated the Project and had a series of discussions and exchanged views with the Dominican Republic Mid-term Evaluation Team (hereinafter referred to as "the Dominican Team") headed by Mr. Jose Miguel Martínez, Director General of Urban Cleansing and Equipments, Ayuntamiento del Distrito Nacional.

As a result of discussions, the Japanese Team and the Dominican Team jointly evaluated and mutually agreed on the matters referred to in the document attached hereto.

These texts were done in duplicate in Spanish and English languages, each text being equally authentic. In case of any divergence of interpretation, the English text shall prevail.

Santo Domingo, 8th October 2010


Mr. Tadashi Ikeshiro
Leader,
Japanese Mid-term Evaluation Team
Japan International Cooperation Agency
(JICA)


Mr. Esmérito A. Salcedó Gavilán
Mayor
Ayuntamiento del Distrito Nacional
Santo Domingo de Guzmán
Dominican Republic

THE ATTACHED DOCUMENT

1. Revision of Project Design Matrix (PDM)

Revision of the Project Design Matrix (PDM) was discussed between the Japanese Team and the Dominican Team. Both sides agreed to modify the PDM as shown in a table below. The revised PDM is attached as Appendix 1.

	Current PDM	Proposed Revision	Background of revision
Verifiable Indicator 3.2	Amount of organic waste used for compost is increased	Amount of pruning waste dumped at final disposal site is decreased.	Because the Project aims not at introducing compost but at reducing waste dumped at final disposal site. And the pilot project is targeting at not all of organic waste but mainly at pruning waste.
Activities of the Project 3.4.1	Develop a pilot project plan for composting*	Develop a pilot project plan for pruning waste management	
Activities of the Project 3.4.2	Implement a pilot project for composting	Implement a pilot project for pruning waste management	
Activities of the Project 3.4.3	Review the pilot project and develop a plan for expansion of compost operation	Review the pilot project and develop a plan for expansion of pruning waste management	

*Pilot project for composting is eliminated from the Project activities and it will be implemented by ADN in near future.

2. Revision of Plan of Operation

Revision of the Plan of Operation (PO) was discussed between the Japanese Team and the Dominican Team. Both sides agreed to modify the PO as Appendix 2.

3. The Mid-Term Evaluation Report

Through the mid-term evaluation, the Dominican Team explained the progress and current situation of the Project to the Japanese Team. Then, the Japanese Team conducted detailed interviews with the Dominican counterparts and Japanese experts about the Project. After the interviews with counterparts of the Project and site visits, the Japanese Team drafted the Mid-term Evaluation Report and discussed it with the Dominican Team.

As a result of the discussion, Joint Mid-term Evaluation Report (hereinafter referred to as "the Report") was drafted. The report is attached as Appendix 3. The Dominican side agreed on the Report.



PROJECT DESIGN MATRIX (PDM)

Project Design Matrix (PDM)
 Project Name: Project for Appropriate Waste Management in Santo Domingo de Guzman, National District
 Duration of the Project: 3 years
 Target Area: Santo Domingo de Guzman, National District
 Target Group: Ayuntamiento del Distrito Nacional (ADN)

Ver.2 (Revised on 08-Oct-2010)

Narrative Summary	Verifiable Indicators	Means of Verification	Important Assumptions
Overall Goal			
Targets of the Integrated Solid Waste Management (Integrated SWM) Plan (revised M/P) are substantially achieved by 2015	Collection rate target (2015) on revised M/P Waste Minimization target (2015) on revised M/P Financial soundness target (2015) on revised M/P	Revised M/P Report and data by AND	
Project Purpose			
Integrated SWM in Santo Domingo de Guzman, National District, is enhanced	1. Collection rate target on revised M/P 2. Waste Minimization target on revised M/P 3. Number of complaints received at the ADN call center 4. Satisfaction rate for collection service	Revised M/P Report and data by ADN Complaints record Report on survey for satisfaction rate	Sanitary landfill operation is introduced and continued at final disposal site
Output			
1. Capacity of ADN on Integrated SWM planning is strengthened	1.1 Revised M/P is drafted. 1.2 Training materials for SWM planning are prepared. 1.3 At least two training workshops for other municipalities are conducted by ADN.	1.1 Revised M/P 1.2 Training materials 1.3 Training workshop reports	Natural disasters do not affect the progress of the project
2. Solid waste collection system is consolidated through improvement on vehicle maintenance and public	2.1 Information on vehicle maintenance is systematized 2.2 Number of records regarding negligent waste discharge is reduced	2.1 Maintenance report 2.2 Inspectors report	The government of Dominican Republic maintains or improves the current national policy principles regarding waste management
3. 3Rs (Reduce, Reuse, Recycle) approach is introduced to divert waste from final disposal site	3.1 Amount of used-paper recycling by ADN activities increased 3.2 Amount of pruning waste dumped at final disposal site is decreased 3.3 Feasibility for other valuable resources is recognized 3.4 Number of communities (e.g. Juntas de vecinos) where 3Rs promotion programs are introduced	3.1 Recycling Promotion Center reports 3.2 Recycling Promotion Center reports 3.3 Survey reports 3.4 Recycling Promotion Center reports	Final disposal site continues receiving waste from Santo Domingo de Guzman, National District, during the project

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Appendix 1

PROJECT DESIGN MATRIX (PDM)

Activities of the Project	Inputs	Important Assumptions
Capacity of ADN on Integrated SWM planning is strengthened.	Japan side: (1) Experts (2) Training (3) Local costs (4) Machinery, equipment and materials	Private contractors continue providing collection services Counterpart personnel remain in their positions during the project Necessary budget for the counterpart is secured during the project
1. Review the current status of Integrated SWM and identify issues to be addressed 2. Review and analyze the implementation status of the integrated SWM Plan(M/P) 3. Revise/develop targets and action programs of the integrated SWM Plan towards 2011 and 2015 4. Prepare training materials on SWM planning to support other municipalities 5. Conduct training and workshops on SWM planning to support other municipalities using the above mentioned materials	Dominican Republic side: (1) Counterpart personnel including administrator (2) Office space and meeting rooms (3) Transportation of experts (4) Local costs (5) Site(s) for composting operation	
Solid waste collection system is consolidated through improvement of vehicle maintenance and public awareness		
1.1 Study current situation of the maintenance operation of ADN collection vehicles 1.2 Develop an improvement plan of vehicle maintenance system 1.3 Develop a procedure on the vehicle maintenance 1.4 Implement the improvement plan 1.5 Monitor the implementation and feedback to the maintenance procedure		Precondition
2.1 Study the current situation of waste discharge practices 2.2 Develop a plan for improving waste discharge practices 2.3 Develop materials for public awareness on waste discharge 2.4 Implement the plan using the above mentioned materials 2.5 Monitor the implementation and feedback to the plan		
3Rs (Reduce, Reuse and Recycle) approach is introduced to divert waste from final disposal site(s)		
1.1 Review the current situation of recycling activities on papers, glass, metal, plastic and organic waste 1.2 Study the feasibility of recycling of valuable materials		
2.1 Design a program for 3Rs introduction 2.2 Develop materials for public awareness and promotion of 3Rs 2.3 Implement the program for 3Rs introduction 2.4 Monitor the implementation and feedback to the program		
3.1 Develop a pilot project plan to expand current paper recycling activities 3.2 Implement the pilot project for paper recycling 3.3 Review the pilot project and develop plan for expansion of paper recycling		
4.1 Develop a pilot project plan for pruning waste management 4.2 Implement a pilot project for pruning waste management 4.3 Review the pilot project and develop a plan for expansion of pruning waste management		

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Appendix 3

The Joint Mid-term Evaluation Report

1. Introduction

The technical cooperation on the Project for Appropriate Waste Management in Santo Domingo de Guzman, National District, Dominican Republic (hereinafter referred to as "the Project") has been implemented since July 2009 for 36 months based on the Record of Discussions (hereinafter referred to as "the R/D"), signed on 25 February 2009 between the Japan International Cooperation Agency (hereinafter referred to as "JICA") and the Government of Dominican Republic. Since one (1) year and three (3) months has been passed, the Project needs to conduct a mid-term evaluation for effective implementation of the Project.

1.1 Objective of the Evaluation

The evaluation activities were performed with the following objectives:

- (1) To review the progress of the Project and evaluate the achievements
- (2) To identify the positive/negative factors to promote/prevent the effects of the Project
- (3) To consider the necessary actions to be taken and make recommendation for the rest of the Project period
- (4) To revise the Project Design Matrix (PDM) and Plan of Operation (PO), if necessary

1.2 Methodology of the Evaluation

The Japanese Mid-term Evaluation Team (hereinafter referred to as "the Japanese Team") and the Dominican Republic Mid-term Evaluation Team (hereinafter referred to as "the Dominican Team") jointly conducted surveys by questionnaires and interviewed the counterpart personnel (hereinafter referred to as "C/P"), and the Japanese experts as well as those officials concerned with the Project. Both teams also visited the project sites. Both teams jointly analyzed and evaluated the Project from the viewpoints of evaluation criteria such as relevance, effectiveness and efficiency (explained as below). Then finally both Teams made the recommendations based on the results.

(1) Relevance:

The extent to which the Project Purpose and Overall Goal are consistent with the government development policy of Dominican Republic as well as the development assistance policy of Japan, and needs of beneficiaries.

PLAN OF OPERATION (PO) Revised on 08-Oct-2010 Appendix 2

Month	FY2010												FY2011												FY2012			
1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	
1. Review the current status of Integrated SWM and identify issues to be addressed	Plan																											
2. Review and analyze the implementation status of the Integrated SWM Plan (ISP)	Plan																											
3. Develop targets and action program of the integrated SWM Plan towards 2011-2015	Plan																											
4. Prepare training materials on SWM planning to support other municipalities	Plan																											
5. Conduct training and workshops on SWM planning to support other municipalities using above mentioned materials	Plan																											
6. Solid waste collection system is revitalized through improvement of vehicle maintenance and public awareness	Plan																											
1.1 Study current situation of the maintenance operation of ADN collection vehicles	Plan																											
1.2 Develop an improvement plan of vehicle maintenance system	Plan																											
1.3 Develop a procedure on the vehicle maintenance	Plan																											
1.4 Implement the improvement plan	Plan																											
1.5 Monitor the implementation and feedback to the maintenance procedure	Plan																											
2.1 Study the current situation of waste discharge practices	Plan																											
2.2 Develop a plan for improving waste discharge practice	Plan																											
2.3 Develop materials for public awareness on waste discharge	Plan																											
2.4 Implement the plan using the above mentioned materials	Plan																											
2.5 Monitor the implementation and feedback to the plan	Plan																											
3B. 3Rs (Reduce, Reuse and Recycle) approach is introduced to divert waste from final disposal	Plan																											
1.1 Review the current situation of recycling activities on papers, glass, metal, plastic, and other waste	Plan																											
1.2 Study the feasibility of recycling of valuable materials	Plan																											
1.3 Design a program for 3Rs introduction	Plan																											
1.4 Develop materials for public awareness and promotion of 3Rs	Plan																											
1.5 Implement the program for 3Rs introduction	Plan																											
1.6 Monitor the implementation and feedback to the program	Plan																											
2.1 Develop a pilot project plan to expand current paper recycling activities	Plan																											
2.2 Implement the pilot project for paper recycling	Plan																											
2.3 Review the pilot project and develop a plan for expansion of paper recycling	Plan																											
3.1 Develop a pilot project plan for training waste management	Plan																											
3.2 Implement a pilot project for training waste management	Plan																											
3.3 Review the pilot project and develop a plan for expansion of training waste management	Plan																											

(2) Effectiveness:

The extent to which the Project has achieved its purpose, clarifying the relationship between the Project Purpose and Outputs.

(3) Efficiency:

The extent to how economically resources/inputs (funds, expertise, time, etc.) are converted to results/Output with particular focus on the relationship between inputs and Outputs in terms of timing, quantity and quality.

1.3 Member

1.3.1 The Japanese Team Member

(1) Mr. Tadashi Ikeshiro

Leader

Japanese Mid-Term Evaluation Team,

Resident Representative

Dominican Republic Office, JICA

(2) Mr. Yoshikazu Taniguchi

Program Officer, Environmental Management Division 2,

Global Environment Department, JICA

1.3.2 Dominican Mid-term Evaluation Team Member

(1) Mr. Jose Miguel Martínez Guridy

Director General of Urban Cleansing and Equipments, Ayuntamiento del Distrito Nacional (ADN)

(2) Mr. Oscar García Arias

Chief Department of Operations, ADN

1.4 Schedule

The evaluation study was implemented from 4th to 8th, October 2010 in Dominican Republic. The schedule is attached as Annex 1.

2. Input (as of this mid-term evaluation)

2.1 Input from Japanese Side

(1) Dispatch of Japanese experts

Eight (8) Japanese experts were dispatched and assigned. Detailed information is attached as Annex 2.

(2) Counterpart trainings

Four (4) C/Ps participated in the counterpart training in Argentina and four (4) C/Ps in El Salvador. The detail is attached as Annex 3.

(3) Provision of equipment

Equipments in relation to the project activities were provided. The list of the provided equipments is attached as Annex 4.

(4) Local cost

In order to carry out the activities, the total amount of 1,764,000 Japanese Yen was disbursed from Japanese side. The detail is attached as Annex 5.

2.1 Input from Dominican Republic Side

(1) C/Ps

The Dominican Republic side nominated the seven (7) persons for Joint Coordinating Committee (JCC) members and the eleven (11) persons for Technical Committee members and the twenty-one (21) C/Ps for conducting project activities in the R/D. The detail is attached as Annex 6.

(2) Project Management Cost

Local cost expended by Dominican side for the Project is covered by DIGAUE's general expenditure. Since its amount is not significant, it is not recorded.

(3) Office Space

The Dominican Republic side has allocated the office space with utilities and some furniture for the Project.

3. Evaluation Results

(1) Project performance

1) Project Purpose

It was evaluated that the probability of achievement of the Project Purpose "Integrated Solid Waste Management in Santo Domingo de Guzman, National District, is enhanced." by the end of the Project is high if ADN sustains the efforts.

It was verified that there are some progresses in all Verifiable Indicators for the Project Purpose.

2) Outputs

(i) Output 1

M/P has been revising as planned. Training manuals for Solid Waste Management are being prepared and a training workshop for other municipalities has been conducted by ADN twice.

(ii) Output 2

Manuals and databases regarding vehicle maintenance are being prepared, though the vehicle workshop relocation is an ongoing process.

Two (2) pilot project sites for public awareness have been selected and awareness activities are being conducted. It is required to plan how to disseminate the output of the pilot project to other areas.

(iii) Output 3

A market research regarding used-paper, plastic and glass bottles, aluminum can, cardboard and so on have been conducted and the market has been verified. The pilot project for used-paper recycling is now being prepared.

A shredder for pruning waste has been introduced and operated. The pilot project for utilizing shredded pruning is now being prepared.

(2) Evaluation criteria

1) Relevance

The project is highly relevant. The main reason is that ADN continues to give first priority to waste management issues. The project purpose and activities are in line with the "Strategic Plan (2005-2015)."

2) Effectiveness

Effectiveness of the Project is considered to be high. The reason is that the probability of achievement of the Project Purpose is evaluated to be high though some activities have been slightly delayed. In addition, because C/Ps mentioned that techniques gained through the project are directly utilized to waste management service of ADN, each Output is considered to contribute to achieve the Project Purpose.

3) Efficiency

Efficiency of the Project is considered to be high. The inputs were provided timely, quantitatively and qualitatively appropriate levels so far. In addition, it was verified that there are some progresses in each Output (see (1)-2) above)

4. Conclusion

On the whole, the Project has been implemented consistent with the original plan though some activities have been slightly delayed. There are some progresses regarding the project activities which are mentioned in the previous section. As a result, it was evaluated that the probability to achieve the Project Purpose and all of the Outputs by the end of the Project is high if ADN continues its efforts.

As stated in M/M, revision of PDM and PO is necessary to achieve the Project Purpose and Outputs effectively. It is required for Japanese experts and Dominican C/Ps to keep their activities based on the revised PDM and PO with good ownership of the Dominican side.

5. Recommendation

- (1) To continue efforts to advance the relocation of the vehicle workshop by the end of 2010.
- (2) To consolidate a plan for expanding the experience of pilot projects in the Project regarding Output 2 and 3.

Annex 1: Schedule of Evaluation

Annex 2: List of Japanese Experts

Annex 3: List of Counterpart Trainings

Annex 4: List of Provided Equipments

Annex 5: Local Costs

Annex 6: List of Joint Coordinating Committee members, Technical Committee members, Counterpart members

Annex 7: List of Interviewers

Annex 1: Schedule of Evaluation

Date		Schedule	
03 Oct.	Sun.		Depart from Narita
04 Oct.	Mon.	11:10 PM	Arrive at Santo Domingo Discuss at JICA Office Discuss at ADN with Japanese experts and C/Ps
05 Oct.	Tue.		Interview for C/Ps, Site Visit
06 Oct.	Wed.		Interview for C/Ps, Site Visit Drafting Evaluation Report
07 Oct.	Thu.		Discuss about Joint Evaluation Report and M/M
08 Oct.	Fri.		Joint Coordinating Committee, Signing M/M Report to Japan Embassy, JICA
09 Oct.	Sat.		Leave Santo Domingo

Annex 2: List of JICA Experts

Task	Name	Duration (days)	Man-month
Chief Adviser, JET	Tadaya Yamamoto	2009/7/30 - 2009/9/14 (47)	1.57
		2009/9/27 - 2009/12/18 (83)	2.77
		2010/6/29 - 2010/7/28 (30)	1.00
		2010/8/29 - 2010/10/8 (41)	1.37
Deputy Chief Adviser/Waste Minimization/Promotion of 3Rs (1), JET	Hiroshi Kato	2009/7/20 - 2009/8/23 (35)	1.17
		2009/11/23 - 2009/12/18 (26)	0.87
		2010/1/6 - 2010/2/9 (35)	1.17
		2010/7/16 - 2010/8/14 (30)	1.00
Solid Waste Education and Awareness Raising/Promotion of 3Rs (2), JET	Masaharu Kina	2010/1/17 - 2010/2/5 (30)	1.00
		2010/8/11 - 2010/9/9 (30)	1.00
Solid Waste Education and Awareness Raising/Promotion of Waste Discharge Manner, JET	Ana Ximena Alegria Olivos	2009/10/16 - 2009/11/14 (30)	1.00
	Koji Kusunoki	2010/1/6 - 2010/2/4 (30)	1.00
Vehicle Maintenance Management, JET	Ryo Hiraga	2009/9/9 - 2009/10/8 (30)	1.00
		2010/1/14 - 2010/2/12 (30)	1.00
		2010/9/1 - 2009/9/30 (30)	1.00
Vehicle and Spare Parts Data Management, JET	Shinsuke Okamoto	2010/1/23 - 2010/2/21 (30)	1.00
		2009/9/6 - 2009/10/4 (30)	1.00
Sub-total			18.90
Project Coordinator, JET	Shinsuke Okamoto Lisa Muranaka	2009/7/20 - 2009/8/23 (30)	1.00
		2009/7/20 - 2009/9/2 (47)	1.57
		2009/10/12 - 2009/12/9 (59)	1.97
		2010/1/6 - 2010/3/15 (69)	2.30
		2010/5/23 - 2010/7/30 (69)	2.30
		2009/8/26 - 2009/10/08 (44)	1.47
Total			29.50

Annex 3: List of Counterpart Trainings

Training course	C/P personnel	Training Period
Third Country Training Course in Argentine: Solid Waste Management in Buenos Aires Metropolitan Area and Campana Municipality	Hugo Pérez Sarraff Oscar Garcia Leomaris Henríquez Helsor Arias	2009/11/9 – 2009/11/15
Third Country Training Course in El Salvador: Solid Waste Management in San Salvador Metropolitan Area, ASINORLU Inter-municipal Association and Suchitoto Municipality	Helsor Arias Amancio Pereyra Manuel Dajer Alan Alarcon	2009/11/23 – 2009/11/29



Annex 4: List of Provided Equipments

Item	Details
Laptop computer (one unit)	Laptop DELL XPS M1530 (22CWTQ4JV4) Amount: J¥ 114,585-
Printer (one unit)	Laser Print CP2025N (CNDS102105) Amount: J¥ 122,365-
Projector (one unit)	EPSON EX-X6 (L5XF950629L) Amount: J¥ 61,700-
Cutting machinery for green wastes (one unit)	New Vermeer Brush Chipper BC600XL, Disk style Amount: US\$ 16,477.43 (including tax) (approx. J¥ 1,465,000-)
TOTAL AMOUNT	J¥ 1,764,000- approximately



Annex 5: Local costs (Japanese side)

Local cost expended by Japanese side

Unit=Yen

Major Budget Item	JFY2009 (Jun-Mar 2010)	JFY2010 (Apr-Sep)*	Total
Employment Cost(Interpreter/Engineer)	2,587,040	1,426,000	4,013,040
Consumable goods	236,210	94,000	330,210
Travel and Transport	1,034,487	260,000	1,294,487
Publishing material		200,000	200,000
Rental	978,812	700,000	1,678,812
Local training	304,545	30,000	334,545
Machinery purchase	236,950	1,465,000	1,701,950
Report generation	14,000	51,300	65,300
Total in Japanese Yen	5,392,044	4,226,300	9,618,344
in US\$	58,254.58	47,717.06	105,971.64
(Exchange rate)	92.56	88.57	
As of	1-Jan-2010	1-Jul-2010	

*JFY2010 (Apr-Sep) is provisional accounts.

Annex 6: List of Joint Coordinating Committee members, Technical Committee members, Counterpart members

Joint Coordinating Committee members

Name	Position
Esmérito A. Salcedo Gavilán	Mayor of National District, Santo Domingo de Guzmán (Project Director)
José Miguel Martínez Guridy	Director General of DIGAUE (Project Manager)
Onofre Rojas	Executive Director of Mancomunidad del Gran Santo Domingo
Desiderio Ruiz	Representative of National District for the Mancomunidad del Gran Santo Domingo
Ernesto Reyna	Representative of Ministry of Environment and Natural Resources, Vice-minister of Environmental Management
Luis Feliz Roa	Representative of Ministry of Public Health and Social Assistance, Director General of Environmental Health
América Bastidas	Representative of Ministry of Economy, Planning and Development, Vice-minister of Cooperation
Tadaya Yamamoto	JET Chief Adviser
Hiroshi Kato	JET Deputy Chief Adviser
Tadashi Ikeshiro	Representative of JICA Dominican Republic Office
Yasuji Okuma (FY2009)	Official of Embassy of Japan (Observer)
Michinari Kawano (FY2010-)	
-	Others agreed by the JCC

Technical Committee members

Name	Position
José Miguel Martínez Guridy	Director Manager of DIGAUE (Chairperson)
Desiderio Ruiz	Representative(s) of Mancomunidad del Gran Santo Domingo
Porfirio Ortega	Representative of Ministry of Environment and Natural Resources
Luis Félix Roa	Representative of Ministry of Public Health and Social Assistance, Director General of Environmental Health
Oscar García	Representative of General Directorate of Urban Cleansing and Equipments
Juan José Guzmán	Representative of General Directorate of Human Development
Sina Del Rosario	Representative of General Directorate of Urban Planning
Marianna Szabo	Representative of Environmental Information Center
Heisor Arias	Representative of Recycling Promotion Center
Moraima Díaz	Director of Citizens Observatory
Cristina Nogueira	Representative of Pan American Health Organization
Tadaya Yamamoto	Chief Adviser, JET
Hiroshi Kato	Deputy Chief Adviser/Waste Minimization/Promotion of 3Rs (1), JET
Masaharu Kina	Solid Waste Education and Awareness Raising/Promotion of

	3Rs (2), JET
Koji Kusunoki	Solid Waste Education and Awareness Raising/Promotion of Waste Discharge Manner, JET
Ryo Hiraga	Vehicle Maintenance Management, JET
Shinsuke Okamoto	Vehicle and Spare Parts Data Management, JET
Lisa Muranaka	Project Coordinator, JET

Counterpart members

Name	Position
1. Solid Waste Management:	
José Miguel Martínez Guridy	Director General of DIGAUE
Hugo Pérez Sarraff	Head, Department of Programming and Control General Directorate of Urban Cleansing and Equipments
Rudierci Castillo	Head, Department of Administration, General Directorate of Urban Cleansing and Equipments
Manuel Ramírez	Head, Department of Urban Cleansing, General Directorate of Urban Cleansing and Equipments
Francisco Martínez	Head, Control Department Division No.2, General Directorate, Urban Cleansing and Equipments
2. Solid Waste Education and Awareness Raising	
Juan José Guzmán	Director General of Human Development
Luis Taveras	Head, Department of Public Education
Marianna Szabo	Coordinator, Environmental Information Center
Anyelina Aquino	Head, Department of Environmental Management
Leomaris Henríquez	Coordinator, Health Centers Collection, General Directorate of Urban Cleansing and Equipment
Massiel Moronta	Member, Department of Administration, General Directorate of Urban Cleansing and Equipments
3. Vehicle Maintenance Management	
Oscar García Arias	Head, Department of Operations
Genaro Rosario	Head, Department of Vehicles Maintenance
Manuel Roa	Staff in charge, Operation Unit for Compactor Trucks
Luis Checo	Coordinator Technician, Department of Maintenance
David Rodríguez	Head of Control, Division No.3, General Directorate of Urban Cleansing and Equipment
4. Waste Minimization/Promotion of 3Rs	
Heisor Arias	Head, Recycling Promotion Center
Amancio Pereyra	Technician, Recycling Promotion Center
Manuel Dajer	Technician, Recycling Promotion Center
Alan Alarcon	Technician, Environmental Information Center
Ana Beatriz Pou	Technician, Environmental Information Center

Annex 7: List of Interviewers

Name	Position
José Miguel Martínez Guridy	Director General of DIGAUE
Leomaris Henríquez	Coordinator, Health Centers Collection, General Directorate of Urban Cleansing and Equipment
Oscar García Arias	Head, Department of Operations
Heisor Arias	Head, Recycling Promotion Center
Onofre Rojas	Executive Director, Mancomunidad del Gran Santo Domingo

I.4 Fourth Joint Coordination Meeting: 14th June 2011; and

II-138

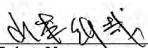
MINUTES OF MEETINGS
BETWEEN
THE AUTHORITIES CONCERNED OF THE GOVERNMENT OF THE
DOMINICAN REPUBLIC
AND
JICA EXPERT TEAM
ON
JOINT COORDINATING COMMITTEE OF
PROJECT FOR APPROPRIATE WASTE MANAGEMENT
IN SANTO DOMINGO DE GUZMAN, NATIONAL DISTRICT,
DOMINICAN REPUBLIC

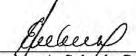
The Expert Team of Japan International Cooperation Agency (hereinafter referred to as "JICA") had a series of discussions with the authorities concerned of the Government of Dominican Republic on the Project for Appropriate Waste Management in Santo Domingo de Guzman, National District, Dominican Republic (hereinafter referred to as "the Project").

As a result of discussions, the JICA Expert Team and the Dominican Republic side agreed on the matters referred to in the document attached hereto.

These texts were done in duplicate in Spanish and English languages, each text being equally authentic. In case of any divergence of interpretation, the English text shall prevail.

Santo Domingo, 14 June 2011


Mr. Tadayama Yamamoto
Chief Adviser,
JICA Expert Team,


Mr. Esmérito A. Salcedo Gavilán
Mayor,
Ayuntamiento del Distrito Nacional
Santo Domingo de Guzmán
Dominican Republic

ATTACHED DOCUMENT

1. Introduction

Joint Coordinating Committee (hereinafter referred to as "JCC") was held on 14 June 2011. Various issues were discussed and clarifications on the project activities were made. Subsequently, appropriate consensus was reached during the meetings. These issues, clarification and consensus are outlined in the following paragraphs.

2. Project Termination Evaluation Mission scheduled in January 2012

It is reminded that data of vehicle workshop maintenance reports, inspection reports (reporte de fiscalizadores), Recycling Promotion Center reports, that are listed as Means of Verification in PDM, should now be duly arranged and summarized in order to facilitate the JICA termination evaluation mission to review the Project progress and outcome produced. It is foreseen that the project termination evaluation mission will be dispatched at around January 2012.

3. Schedule of Inter-American Development Bank (IDB) Study for Gran Santo Domingo Mancomunidad

In March 2011 both sides confirmed that the IDB study for the Gran Santo Domingo Mancomunidad will be conducted from March 2011 to March 2012 and conclusions and recommendations by the IDB study at around March 2012 should be duly considered in order to finalize the task of Master Plan Revision in this Project.

Dominican side stated that the IDB study for the Gran Santo Domingo Mancomunidad is delayed to start in June 2011 and is expected to be concluded in June 2012.

Although it is preferable to make a review on the IDB study outputs in order to upgrade the task of Master Plan Revision in this Project, it is very difficult for this Project to make reference to the IDB study conclusions and/or recommendations in June 2012 because this Project is planned to be concluded in July 2012.

Both side confirmed that review on any IDB study outputs by the Project should be limited only on what is presented by the IDB study by the end of March 2012.

4. Vehicle Workshop Modification

In March 2011 both sides confirmed that the area for the DIGAUE vehicle workshop will be minimized into about one-third of the existing area and that it should be completed by the end of November of 2011, disposal of unnecessary items, relocation of facilities in good order, and the workshop layout modification.

JET informed that it is scheduled to dispatch three (3) Japanese experts related to vehicle management for about one (1) month from the end of October 2011 to respond the schedule of vehicle workshop modification as confirmed in March 2011.

Dominican side stated that it is now started the workshop modification including relocation of facilities in good order. Unnecessary items disposal such as metal scrapping of no-more-use old vehicles is scheduled to start in July and to finish by the end of September 2011 in order to conduct joint activities with those three (3) Japanese experts at the modified workshop on time in November 2011.

5. Vehicle Repair Management

Progress Report (3) stated that it is waited a loan approved by the City Council, as a public credit transaction must be endorsed by the National Congress for the purchase of various equipment, among which there are 20 units of used compactor trucks, which are Japanese origin, given the good performance.

In response to the abovementioned DIGAUE's plan to newly acquire used compactor trucks and their needs to improve vehicle repair and maintenance techniques, JICA approved the Dominican request of dispatching another Japanese expert on "vehicle repair management" whose assignment is scheduled to be about one (1) month from the end of October 2011.

6. Appointment of personnel

6.1 Joint Coordinating Committee (JCC) members

It is confirmed by the both sides that it did not take place a new appointment or substitution of JCC members.

6.2 Technical Committee members

It is confirmed by the both sides that it did not take place a new appointment or substitution of Technical Committee members.

6.3 Dominican Counterpart (C/P) personnel and JICA Expert Team members

It is confirmed by the both sides that the Mr. Fernando Prestol is included as a C/P member of Waste Minimization/Promotion of 3Rs from June 2011.

It is confirmed by the both sides that Mr. Tadayuki Yamanaka is newly appointed as a member of the JICA Expert Team in charge of Vehicle Repair Management.

Annex I: The Joint Coordinating Committee members

Name	Position
Esmérito A. Salcedo Gavilán	Mayor of National District, Santo Domingo de Guzmán (Project Director)
José Miguel Martínez Guridy	Director General of DIGAU (Project Manager)
Onofre Rojas	Executive Director of Mancomunidad del Gran Santo Domingo
Desiderio Ruiz	Representative of National District for the Mancomunidad del Gran Santo Domingo
Ernesto Reyna	Representative of Ministry of Environment and Natural Resources, Vice-minister of Environmental Management
Luis Feliz Roa	Representative of Ministry of Public Health and Social Assistance, Director General of Environmental Health
América Bastidas	Representative of Ministry of Economy, Planning and Development, Vice-minister of Cooperation
Tadaya Yamamoto	JET Chief Adviser
Hiroshi Kato	JET Deputy Chief Adviser
Shoji Ozawa	Representative of JICA Dominican Republic Office
Mlchinarí Kawano	Official of Embassy of Japan (Observer)
-	Others agreed by the JCC

(M)

Anexo II: Miembros del Comité Técnico

Nombre	Posición
José Miguel Martínez Guridy	Director General de la DIGAU (Presidente)
Desiderio Ruiz	Representante de la Mancomunidad del Gran Santo Domingo
Porfirio Ortega	Representante del Ministerio de Medio Ambiente y Recursos Naturales
Luis Félix Roa	Representante del Ministerio de Salud Pública/Dirección General de Salud Ambiental
Oscar García	Representante, Dirección General de Aseo Urbano y Equipos
Juan José Guzmán	Representante de la Dirección General de Desarrollo Humano
Sina Del Rosario	Representante de la Dirección General de Planeamiento Urbano
Marianna Szabo	Representante del Centro de Información Ambiental
Heisor Arias	Representante del Centro para la Promoción del Reciclaje
Moraima Díaz	Directora del Observatorio Ciudadano
Cristina Nogueira	Representante de la Organización Panamericana de la Salud
Tadaya Yamamoto	Asesor Principal, EEJ
Hiroshi Kato	Asesor Principal Adjunto/Minimización de Residuos/Promoción de 3Rs (1), EEJ
Masaharu Kina	Educación sobre Manejo de Residuos Sólidos y Promoción de Concienciación Pública/Promoción de 3Rs (2), EEJ
Koji Kusunoki	Educación sobre Residuos Sólidos y Concienciación Pública/Promoción de la Manera de Descargar los Residuos, EEJ
Ryo Hiraga	Gestión de Mantenimiento de Vehículos, EEJ
Shinsuke Okamoto	Gestión de Datos de Vehículos y Repuestos, EEJ
Lisa Muranaka	Coordinador del Proyecto, EEJ

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Annex III: The Dominican Counterpart personnel

Name	Position
1. Solid Waste Management:	
José Miguel Martínez Guridy	Director Manager of DIGAU
Hugo Pérez Sarraff	Head, Department of Programming and Control General Directorate of Urban Cleansing and Equipments
Rudilerci Castillo	Head, Department of Administration, General Directorate of Urban Cleansing and Equipments
Manuel Ramírez	Head, Department of Urban Cleansing, General Directorate of Urban Cleansing and Equipments
Francisco Martínez	Head, Control Department Division No.2, General Directorate, Urban Cleansing and Equipments
Leomaris Henríquez	Coordinator, Health Centers Collection, General Directorate of Urban Cleansing and Equipment
Oscar García Arias	Head, Department of Operations
Heisor Arias	Head, Recycling Promotion Center
2. Solid Waste Education and Awareness Raising	
Juan José Guzmán	General Director of Human Development
Luis Taveras	Head, Department of Public Education
Marianna Szabo	Coordinator, Environmental Information Center
Anyelina Aquino	Head, Department of Environmental Management
Leomaris Henríquez	Coordinator, Health Centers Collection, General Directorate of Urban Cleansing and Equipment
Massiel Moronta	Member, Department of Administration, General Directorate of Urban Cleansing and Equipments
José Núñez	Educator, Environmental Information Center
Pablo Mejía	Coordinator of Analyst of Operations
3. Vehicle Maintenance Management	
Oscar García Arias	Head, Department of Operations
Genaro Rosario	Head, Department of Vehicles Maintenance
Manuel Roa	Staff in charge, Operation Unit for Compactor Trucks
Luis Checo	Coordinator Technician, Department of Maintenance
David Rodríguez	Head of Control, Division No.3, General Directorate of Urban Cleansing and Equipment
4. Waste Minimization/Promotion of 3Rs	
Heisor Arias	Head, Recycling Promotion Center
Amancio Pereyra	Technician, Recycling Promotion Center
Alan Alarcon	Technician, Recycling Promotion Center
Ana Beatriz Pou	Technician, Recycling Promotion Center
Fulvio Cabral	Technician, Recycling Promotion Center
Fernando Prestol	Technician, Recycling Promotion Center

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Annex IV: JICA Expert Team members

Name	Task
Tadaya Yamamoto	Chief Adviser, JET
Hiroshi Kato	Deputy Chief Adviser/Waste Minimization/Promotion of 3Rs (1), JET
Masaharu Kina	Solid Waste Education and Awareness Raising/Promotion of 3Rs (2), JET
Koji Kusunoki	Solid Waste Education and Awareness Raising/Promotion of Waste Discharge Manner, JET
Ryo Hiraga	Vehicle Maintenance Management, JET
Shinsuke Okamoto	Vehicle and Spare Parts Data Management, JET
Tadayuki Yamanaka	Vehicle Repair Management, JET
Lisa Muranaka	Project Coordinator, JET

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I.5 Fifth Joint Coordination Meeting: 11th July 2012

II-142

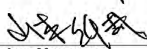
MINUTES OF MEETINGS
BETWEEN
THE AUTHORITIES CONCERNED OF THE GOVERNMENT OF THE
DOMINICAN REPUBLIC
AND
JICA EXPERT TEAM
ON
JOINT COORDINATING COMMITTEE OF
PROJECT FOR APPROPRIATE WASTE MANAGEMENT
IN SANTO DOMINGO DE GUZMAN, NATIONAL DISTRICT,
DOMINICAN REPUBLIC

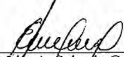
The Expert Team of Japan International Cooperation Agency (hereinafter referred to as "JICA") had a series of discussions with the authorities concerned of the Government of Dominican Republic on the Project for Appropriate Waste Management in Santo Domingo de Guzman, National District, Dominican Republic (hereinafter referred to as "the Project").

As a result of discussions, the JICA Expert Team and the Dominican Republic side agreed on the matters referred to in the document attached hereto.


These texts were done in duplicate in Spanish and English languages, each text being equally authentic. In case of any divergence of interpretation, the English text shall prevail.

Santo Domingo, 19th of July 2012


Mr. Tadayama Yamamoto
Chief Adviser,
JICA Expert Team,


Mr. Esmerino A. Salcedo Gavilán
Mayor,
Ayuntamiento del Distrito Nacional
Santo Domingo de Guzmán
Dominican Republic

ATTACHED DOCUMENT

1. **Introduction**
Joint Coordinating Committee (hereinafter referred to as "JCC") was held on 11 July 2012. Various issues were discussed and clarifications on the project activities were made. Subsequently, appropriate consensus was reached during the meetings. These issues, clarification and consensus are outlined in the following paragraphs.
 2. **Project Results Evaluation by JCC**
As the Joint Terminal Evaluation on this Project conducted in January 2012 by the Joint Terminal Evaluation Team composed of the Japanese Team and Dominican Team stated that "the Project achieved outstanding results at the time of six months before the project completion on all outputs specified in PDM", JCC held on 11 July 2012 also confirmed the outstanding results were achieved through the 36 months project period.
 3. **Verifiable indicators of Overall Goal of the Project**
It is requested by the JICA mission of the terminal evaluation that the Dominican C/P and JET should propose to revise "verifiable indicators" of Overall Goal of the Project in order to prepare in advance for having an appropriate examination of the Overall Goal achievement level in around 2015 to 2016 by the Joint Post-Project Evaluation.
 - 3.1 **Indicator "Waste minimization target (2015) on revised M/P"**
With regard to waste minimization activities deployed in the Project in line with the Output-3 "3Rs approach is introduced to divert waste from disposal site", the principal achievement through the pilot project is the pruning waste management.

- ADN, with its high population density, faces a great difficulty to secure a sufficiently wide enough space to implement organic waste minimization activities (such as market waste composting) inside its jurisdictional area, due to negative impacts of smell and vectors attraction by putrefactive organic wastes. Therefore, the pilot project of organic waste reduction in the Project was focused only on pruning waste management and it brought out a satisfactory result and experiences for DIGAUE before concluding the Project period (July 2009 – July 2012).
- So, in terms of "waste minimization target (2015) on revised M/P", a goal situation in 2015 should like to be that ADN, based on the successful experiences of pruning waste shredding pilot project, should start a (pilot) project of waste minimization, utilizing both pruning wastes materials and some selected organic wastes materials such as market wastes discharged in the National District, having an agreement with another municipality



in the Mancomunidad del Gran Santo Domingo of using an adequate space in that municipality, to process the wastes for producing compost materials or other materials such as landfill cover materials.

Both sides confirmed that the goal situation regarding "waste minimization target (2015) on revised M/P" should be what expressed in the above paragraph. In this connection, both sides agreed that the narrative expression of the "verifiable indicator" for "waste minimization target (2015) on revised M/P" should be as follows.

ADN, in 2015 or before, starts a (pilot) project of waste minimization, utilizing both pruning wastes and organic wastes in the National District, having an agreement of using a space in a municipality in the Mancomunidad for producing compost or other materials.

3.2 Indicator "Financial soundness target (2015) on revised M/P"

Tariff of waste collection service was raised in January 2011 in ADN. It might be difficult to expect that the present ADN government takes an outstanding action of an additional tariff increase, except a Dominican peso - US dollar related inflation adjustment measure, at a moment near the end of its period (till the middle of year 2016).

So, in terms of "financial soundness target (2015) on revised M/P", a goal situation in 2015 should like to be that ADN improve its financial conditions for SWM services principally by following measures:

- To increase the number of invoices issued by identifying more waste service users, consequently to increase the total invoice amount,
- To increase the efficiency of tariff collection by improving the tariff collection rate (percentage to invoiced amount).

Both sides confirmed that the goal situation regarding "financial soundness target (2015) on revised M/P" should be what expressed in the above paragraph. In this connection, both sides agreed that the narrative expression of the "verifiable indicator" for "financial soundness target (2015) on revised M/P" should be as follows.

ADN increases waste service tariff collection amount by improving the tariff collection rate (percentage to the total invoiced amount) and by increasing the number of service users, in 2015 compared to 2012.

3.3 Indicator "Collection rate target (2015) on revised M/P"

It is understood that the cleansing service coverage, in other words "collection rate", both in Circunscription-1 and Circunscription-2 today is practically established for their 100%,



and it is also expected 100% for year 2015. Meanwhile, the cleansing service coverage in Circunscription-3 today is not deemed 100% due to difficult access area and informal squatters whose population for today and for future is also difficult to estimate.

In order to objectively verify the alteration of the cleansing service coverage, in other words "collection rate" in Circunscription-3 to year 2015, it is necessary to identify reliable data and to establish a practical monitoring method of "collection rate" using such reliable data.

Both sides confirmed that DIGAUE should establish a method for "collection rate" estimation for Circunscription-3 utilizing such data that are particular to DIGAUE management. DIGAUE stated its intention to elaborate the estimation method.

4. Project Final Report

Both sides confirmed that the draft of the Project Final Report was examined, improved and agreed: chapter by chapter; annex by annex; jointly by the counterpart chief Mr. Jose Miguel Martinez and JET leader Mr. Tadayama Yamamoto, and this report will soon be subject to JICA's perusal, comments for further improvement and approval for completing the Project Final Report.

Both sides confirmed that the Project Final Report after JICA's approval is sent to the Dominican side in due course.

5. Appointment of personnel

5.1 Joint Coordinating Committee (JCC) members

It is confirmed by the both sides that it did not take place a new appointment or substitution of JCC members.

5.2 Technical Committee members

It is confirmed by the both sides that it did not take place a new appointment or substitution of Technical Committee members.

5.3 Dominican Counterpart (C/P) personnel and JICA Expert Team members

It is confirmed by the both sides that it did not take place a new appointment or substitution of Counterpart members nor JET members.

Both sides confirmed that it is worthwhile to state herewith that the counterpart chief Mr. Jose Miguel Martinez is promoted as the Environmental Secretary and the counterpart member Mr. Oscar Garcia is promoted as the Director General of DIGAUE in July 2012.



Annex I: The Joint Coordinating Committee members

Name	Position
Esmérito A. Salcedo Gavilán	Mayor of National District, Santo Domingo de Guzmán (Project Director)
José Miguel Martínez Guridy	Environmental Secretary, ADN (Project Manager)
Onofre Rojas	Executive Director of Mancomunidad del Gran Santo Domingo
Desiderio Ruiz	Representative of National District for the Mancomunidad del Gran Santo Domingo
Ernesto Reyns	Representative of Ministry of Environment and Natural Resources, Vice-minister of Environmental Management
Luis Félix Roa	Representative of Ministry of Public Health and Social Assistance, Director General of Environmental Health
América Bastidas	Representative of Ministry of Economy, Planning and Development, Vice-minister of Cooperation
Tadaya Yamamoto	JET Chief Adviser
Hiroshi Kato	JET Deputy Chief Adviser
Shoji Ozawa	Representative of JICA Dominican Republic Office
Michinari Kawano	Official of Embassy of Japan (Observer)
-	Others agreed by the JCC

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Annex II: The Technical Committee members

Name	Position
José Miguel Martínez Guridy	Environmental Secretary, ADN (Chairperson)
Desiderio Ruiz	Representativa(s) of Mancomunidad del Gran Santo Domingo
Porfirio Ortega	Representative of Ministry of Environment and Natural Resources
Luis Félix Roa	Representative of Ministry of Public Health and Social Welfare/ General Directorate of Environmental Health
Oscar García	Director Manager of DIGAUE
Juan José Guzmán	Representative of General Directorate of Human Development
Sina Del Rosario	Representative of General Directorate of Urban Planning
Mariana Szabo	Representative of Environmental Information Center
Héctor Arias	Representative of Recycling Promotion Center
Moraima Díaz	Director of Citizens Observatory
Cristina Nogueira	Representative of Pan American Health Organization
Tadaya Yamamoto	Chief Adviser, JET
Hiroshi Kato	Deputy Chief Adviser/Waste Minimization/Promotion of 3Rs (1), JET
Masaharu Kina	Solid Waste Education and Awareness Raising/Promotion of 3Rs (2), JET
Koji Kusunoki	Solid Waste Education and Awareness Raising/Promotion of Waste Discharge Manner, JET
Ryo Hiraga	Vehicle Maintenance Management, JET
Shinsuke Okamoto	Vehicle and Spare Parts Data Management, JET
Lisa Muranaka	Project Coordinator, JET

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Annex III: The Dominican Counterpart personnel

Name	Position
1. Solid Waste Management:	
José Miguel Martínez Guridy	Environmental Secretary, ADN
Hugo Pérez Sarraf	Head, Department of Programming and Control General Directorate of Urban Cleansing and Equipments
Rudlens Castillo	Head, Department of Administration, General Directorate of Urban Cleansing and Equipments
Manuel Ramírez	Head, Department of Urban Cleansing, General Directorate of Urban Cleansing and Equipments
Francisco Martínez	Head, Control Department Division No.2, General Directorate, Urban Cleansing and Equipments
Leomaris Henríquez	Coordinator, Health Centers Collection, General Directorate of Urban Cleansing and Equipment
Oscar García Arias	Director Manager of DIGAUE
Héctor Arias	Head, Recycling Promotion Center
2. Solid Waste Education and Awareness Raising	
Juan José Guzmán	General Director of Human Development
Luis Taveras	Head, Department of Public Education
Marianna Szabo	Coordinator, Environmental Information Center
Anyelina Aquino	Head, Department of Environmental Management
Leomaris Henríquez	Coordinator, Health Centers Collection, General Directorate of Urban Cleansing and Equipment
José Nuñez	Educator, Environmental Information Center
Pablo Mejía	Coordinator of Analyst of Operations
3. Vehicle Maintenance Management	
Oscar García Arias	Director Manager of DIGAUE
Genaro Rosario	Head, Department of Vehicles Maintenance
Manuel Roa	Staff in charge, Operation Unit for Compactor Trucks
Luis Checo	Coordinator Technician, Department of Maintenance
David Rodríguez	Head of Control, Division No.3, General Directorate of Urban Cleansing and Equipment
4. Waste Minimization/Promotion of 3Rs	
Héctor Arias	Head, Recycling Promotion Center
Amancio Pereyra	Technician, Recycling Promotion Center
Ajan Alarcón	Technician, Recycling Promotion Center
Ana Beatriz Pou	Technician, Recycling Promotion Center
Fulvio Cabral	Technician, Recycling Promotion Center
Fernando Prestal	Technician, Recycling Promotion Center

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6

Annex IV: JICA Expert Team members

Name	Task
Tetsuya Yamamoto	Chief Adviser, JET
Hiroshi Kato	Deputy Chief Adviser/Waste Minimization/Promotion of 3Rs (1), JET
Masaharu Kina	Solid Waste Education and Awareness Raising/Promotion of 3Rs (2), JET
Koji Kusumoki	Solid Waste Education and Awareness Raising/Promotion of Waste Discharge Manner, JET
Ryo Hiraga	Vehicle Maintenance Management, JET
Shimaka Okamoto	Vehicle and Spares Parts Data Management, JET
Tadayuki Yamanaka	Vehicle Repair Management, JET
Lisa Muranaka	Project Coordinator, JET

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7