



USAID | **HAITI**
DU PEUPLE AMERICAIN

IMPROVED COOKING TECHNOLOGY PROGRAM

(RECHO PA'W)

PERFORMANCE MONITORING PLAN PMP FY2014 (OCTOBER 2013 - SEPTEMBER 2014)

December 20th, 2013, Revised February 6, 2014



This publication was produced by Chemonics International Inc. for review by the United States Agency for International Development

Contract No. AID-521-C-12-00003

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SECTION I: INTRODUCTION

1. Purpose of the PMP Updated 2014

The purpose of this update PMP for the FY 2014 is to inform and guide the Haiti Improved Cooking Technology Program team and project stakeholders in collecting and managing high-quality performance information and using it for project management and communication of interim and life-of-project results.

The program aims to establish the near-term and long-term foundation for a sustainable market for clean, efficient, affordable cooking solutions in Haiti. Its successful implementation will reduce pressure on Haiti's forests, encourage local and sustainable solutions, and create cooking options for Haiti that are clean, efficient, affordable, and able to meet local cooking needs.

2. MONITORING AND EVALUATION SYSTEM DESIGN

2.1 Performance Monitoring Plan (PMP)

The detailed design of the Performance Monitoring Plan (PMP) is laid out in the PMP Summary Table in section 2 and the Performance Indicator Reference Sheets (PIRS) in section 3. These sheets spell out the precise definition of each indicator, management utility of tracking the information, unit of measure, method of acquisition, frequency of collection, data source, and project staff member responsible for collecting the data. By specifying each indicator in detail, we can help to ensure that data is handled consistently throughout the life of the project.

2.2 Evaluation Plan

The evaluation plan highlights our approach to systematically collect and analyze information regarding the social and economic outcomes of the Improved Cooking Technology Program at the Project Objective level. Project impact will be measured primarily through quarterly and annual surveys which will contribute to the project and USAID/Haiti's ability to demonstrate impact and test key development hypotheses and questions such as "Has the promotion of improved cooking technology in Haiti resulted in reduced charcoal consumption at the household and enterprise level?". We will collect both quantitative and qualitative data in order to tell the story of the project's overall impact. This information will provide insights and conclusions about the effectiveness of project activities, validate the project development hypothesis, identify factors in the development context that may have had an impact on the achievement of results, and provide information to USAID about potential improvements for future programming. Below, we describe the purpose, rationale, type of evaluation, methodology, frequency, and estimated dates for our evaluation activities.

2.3 Data Collection Plan

The Improved Cooking Technology Program will collect indicator data through a variety of methods, including project records, interviews, surveys, focus groups and other participatory methods, stove vendor records, legislative records, and national and local statistical data. Project

implementing partners will have responsibility for collecting and analyzing data, and project technical staff will be responsible for ensuring timely and accurate data collection for their respective activities and result areas on a quarterly or annual frequency. The specific data source and frequency of collection and reporting for each indicator is identified in the PMP summary table in section 2. Under the supervision of the M&E Specialist, temporary survey team will be hired on a quarterly basis to conduct necessary surveys and other participatory data collection.

3. Data Quality Control

To ensure that project M&E data is of the highest possible quality, and to meet USAID data quality standards (see box), we have identified and planned data quality control measures for each indicator, as detailed in the indicator reference sheets in section 3. Additionally, we will continue to conduct an internal data quality assessment of indicator data annually following the annual work planning and PMP review.

The M&E Specialist is responsible for data quality control. The M&E Specialist will regularly review the data to identify potential errors, and design a spot-check system to verify data at their sources, e.g. with visits to retailers, sales points, or other project activity sites. By identifying errors early on, the M&E Specialist can make appropriate corrections by consulting the data source and ensure timely and accurate reporting.

4. Data Analysis and Reporting

M&E data will be analyzed and reported upon quarterly and annually (in some cases, monthly), depending on the frequency of data collection for each indicator. An analysis plan for each indicator will be developed by the M&E Specialist and coordinated with the relevant technical staff. Analysis and conclusions will be discussed among the technical team in order to inform strategic decision-making regarding project activities and resource allocation. Indicator data and analysis will be included in reports to USAID and discussed on a routine basis with the COR and other stakeholders. We will present indicator data for the reporting period as well as aggregate data by fiscal year. Quantitative data will be explained with a narrative description and additional qualitative data and success stories collected through interviews, surveys, and focus groups. The final report will contain life-of-project indicator values along an analysis of overall project outcomes and impact, a discussion of best practices and lessons learned, and presentation of success stories.

USAID's Data Quality Standards

Validity – Data should clearly and adequately represent the intended result and reflect no bias

Reliability – Data should reflect consistent collection and analysis methods over time

Timeliness – Data should be sufficiently current and available to be practical for use by management

Integrity – Mechanisms must be in place to reduce the possibility for manipulation of data

Precision – Data should be precise enough to present a fair picture of performance and enable management decision-making

SECTION II: SUMMARY TABLE OF INDICATORS AND RESULTS

**PERFORMANCE MONITORING PLAN
SUMMARY TABLE FY2014**

(Changes in Actual figures are highlighted in yellow, changes in Target figures are highlighted in green) Last updated on 12/27/2013

Indicator Code	Performance Indicators	Unit of Measure	Disaggregated by:	Data Source & Implementing Partner(s)	Frequency	Baseline Year/Month	Baseline Value	2012 Target	2012 Actual	2013 Target	2013 Actual	2014 Target	2014 Actual	2015 Target	2015 Actual	Life of Project Target
Project objective: Market for sustainable improved cooking technologies expanded																
1	Number of beneficiaries with improved energy services due to USG assistance (FACTS 4.4.1-31)	Number	Sex (M/F); Type of energy or technology used, HH and business	Project records; Annual survey	Annual	2011 Dec	0	300	86	29,300	53,153 ¹	34,000	TBD	10,900	TBD	74,500
2	Amount of charcoal consumption reduced as a result of increased use of improved cooking technologies due to project assistance	MT	Type of cooking technology	Annual survey	Annual	2011 Dec	0	3,640	894	60,926	47,791 ²	66,493	TBD	18,023	TBD	149,082 ³
Intermediate Result (IR) 1 Local market for improved household biomass cookstoves expanded																
3	Number of certified improved biomass stoves sold in metropolitan Port-au-Prince	Number	Type and name of stove	Retailers	Quarterly	2011 Dec	4,401	0	0	10,000	13,760 ⁴	20,000	TBD	5,000	TBD	35,000
4	Number of manufacturers that meet proposed requirements for certification of improved biomass cookstoves	Number	Name of stove	Project records	Quarterly	2011 Dec	0	1	1	1	3	1	TBD	0	TBD	3
Sub IR1.1 Leading efficient improved biomass cookstoves promoted and commercialized																
5	Number of new sales points for improved cookstoves in Port-au-Prince	Number	Type of stove sold; Location	Retailers	Quarterly	2011 Dec	15	3	3	12	57	5	TBD	0	TBD	20

¹ This 2013 actual figure is calculated from annual household survey results instead of data collected directly from manufacturers, retailers, business, schools and orphanages. It includes data from indicator 3, 12, and 22 which are also from the annual household survey results.

² This figure is calculate from annual household survey results based on the following formula: number of stoves sold × amount of Kg saved per day (or week) × 365 days (or 52 weeks) per year / 1,000. A household LPG stove help saved 2.63kg/day; an improved biomass stove can help saved 30% of this figure, meaning 0.78 Kg of charcoal per day and a commercial LPG stove can help a large user saved 200kg/week.

³ Targets for FY2013, 2014, 2015, as well as Life of project target for this indicator have changed because we have changed the amount of saving per day from 2.27kg to 2.63kg based on studies and findings realized by CQC. (Survey report in annex).

⁴ This is annual household survey results data instead of data collected directly from manufacturers and retailers.

PERFORMANCE MONITORING PLAN

Indicator Code	Performance Indicators	Unit of Measure	Disaggregated by:	Data Source & Implementing Partner(s)	Frequency	Baseline Year/Month	Baseline Value	2012 Target	2012 Actual	2013 Target	2013 Actual	2014 Target	2014 Actual	2015 Target	2015 Actual	Life of Project Target
6	Number of manufacturers and retailers receiving training in commercialization	Number	Sex (M/F); Manufacturer or Retailer; Type of training	Project training records	Quarterly	2011 Dec	0	0	0	20	24	10	TBD	0	TBD	30
7	Number of media campaigns conducted in and covering target area	Number	Type of media outlet used	Project records	Quarterly	2011 Dec	0	0	0	4	4	3	TBD	1	TBD	8
8	Percentage of target population that recognizes the national eco-label and logo	Percent	Sex (M/F)	Survey and focus groups	Annual	2011 Dec	0	0%	0	15%	0 ⁵	18%	TBD	20%	TBD	20%
Sub IR 1.3 Financing mechanisms for manufacturers, retailers, and consumers to purchase improved cookstoves established																
9	Number of manufacturers and retailers that have accessed financing to improve the affordability of improved cookstoves with project assistance	Number	Manufacturer or Retailer; Type of financing; New vs. Continuing	Project and partner records	Quarterly	2011 Dec	0	2	0	8	16	3	TBD	2	TBD	15
Sub IR 1.4 GOH working groups on certification of cookstoves strengthened																
10	Number of protocol proposed for improved cookstoves developed by GOH working groups	Number	Type of Standards	Project records	Quarterly	2011 Dec	0	1	0	1	1	0	TBD	0	TBD	1
Sub IR 1.5 Economic opportunity for urban charcoal workers increased																
11	Number of charcoal workers trained in alternative economic opportunities	Number	Sex (M/F); Type of economic opportunity	Project training records	Quarterly	2011 Dec	0	0	0	50	56	50	TBD	0	TBD	100
12	Number of large users of charcoal that have switched to LPG as a result of project assistance	Number	Sex (M/F); Type of user	Survey; Project records	Quarterly	2011Dec	0	100	86	1,000	662	3,000	TBD	839	TBD	4,939 ⁶

⁵ There is not yet a national eco-label and logo, but 2013 annual household survey results show that 51% of the target population has already heard about ICS and 14% knows where to buy one. Regarding LPG stoves, 70% of the target population has heard about it and 50% knows where to buy one.

⁶ According to the contract modification (pending USAID approval) the number of street food vendors is reduced from 9,450 to 4,139, but the PMP target is 4,939 because it includes 800 schools and/or orphanages. So, targets for all fiscal years also changed.

PERFORMANCE MONITORING PLAN

Indicator Code	Performance Indicators	Unit of Measure	Disaggregated by:	Data Source & Implementing Partner(s)	Frequency	Baseline Year/Month	Baseline Value	2012 Target	2012 Actual	2013 Target	2013 Actual	2014 Target	2014 Actual	2015 Target	2015 Actual	Life of Project Target
Intermediate Result 2 Charcoal consumption by large users reduced																
13	Quantity of LPG sold in metro Port-au-Prince	MT	None	LPG suppliers	Quarterly	2011 Dec	17,158	0	14,565	20,000	14,169 ⁷	10,000	TBD	5,000	TBD	35,000
Sub IR 2.1 Access and availability of LPG stoves improved and Sub IR 2.2 LPG cookstoves production increased																
14	Number of commercial LPG stoves sold by manufacturers in target area	Number	Manufacturer	Manufacturer sales records	Quarterly	2011 Dec	59	100	86	1,000	861	3,000	TBD	839	TBD	4,939 ⁸
15	Number of technicians trained in LPG stove repair and manufacturing	Number	Sex (M/F); Type of training	Project training records	Quarterly	2011 Dec	0	30	26	30	37	20	TBD	10	TBD	90
Sub Result 2.3 PPPs for LPG stove market expansion developed																
16	Number of PPP agreements signed that expand the market for LPG	Number	Value; Type of recipient	Project records	Quarterly	2011 Dec	0	1	1	2	1	1	TBD	0	TBD	4
17	Total public and private funds leveraged by USG for energy projects (FACTS 4.4.1-32)	USD	None	Project records	Quarterly	This indicator does not apply to the ICTP and is removed at the request of USAID.										
Sub Result 2.4 Agreements with funding institutions to support sustained production developed																
18	Number of loans from funding institutions to large users to purchase stoves from manufacturers (deactivated indicator)	Number	Type of stove; Type of loan recipient; Funding institution	Partner funding institutions	Quarterly	2011 Dec	0	60	0	1,140	0	1,200	TBD	600	TBD	3,000
*Intermediate Result 3 Legal and regulatory framework for LPG strengthened																
19	Number of policy reforms/laws/regulations/administrative procedures drafted and presented for	Number	Type of legal document; Topic; Stage: Proposed,	Project records	Quarterly	2011	0	0	N/A	1	0	0	TBD	0	TBD	1

⁷ These data are from only one supplier. We were not able to collect data from all suppliers. So, the figure showed is underestimated.

⁸ According to the contract modification (pending USAID approval) the number of street food vendors is reduced from 9,450 to 4,139, but the PMP target is 4,939 because it includes 800 schools and/or orphanages. So, targets for all fiscal years also changed.

PERFORMANCE MONITORING PLAN

Indicator Code	Performance Indicators	Unit of Measure	Disaggregated by:	Data Source & Implementing Partner(s)	Frequency	Baseline Year/Month	Baseline Value	2012 Target	2012 Actual	2013 Target	2013 Actual	2014 Target	2014 Actual	2015 Target	2015 Actual	Life of Project Target
	public/stakeholder consultation to enhance sector governance and/or facilitate private sector participation and competitive markets as a result of USG assistance (FACTS 4.4.1-33)		Adopted, or Implemented			Dec										
20	Number of GOH staff trained by project in regulation and enforcement of LPG distribution	Number	Sex (M/F); Topic	Project training records	Quarterly	2011 Dec	0	2	0	2	0	2	TBD	0	TBD	6
21	Percentage of micro-filling stations in metropolitan area that follow new regulations concerning the sale and distribution of LPG	Percent	None	Survey using observation and questionnaire: LPG distributors	Annually	2011 Dec	0	0%	0%	50%	0	70%	TBD	80%	TBD	80%
22	The increase in sales of household LPG stoves as a result of the program's promotion of LPG.	Number	Type of stove; Name of retailers, number of burner	Retailers records	Quarterly	2011 Dec	8,318	0	0	15,000	38,532 ⁹	20,000	TBD	7,000	TBD	42,000 ¹⁰
*Intermediate Result 4 Carbon finance program for improved cooking technologies scaled up																
23	Amount of baseline studies on carbon reductions based on household charcoal consumption	Number	Port-au-Prince vs. National ; Type of survey	Surveys, studies	Quarterly	2011 Dec	0	0	0	3	5	0	TBD	0	TBD	3
24	Number of stove models available in target areas that meet carbon emission reduction requirements	Number	Stove type	Manufacturers; Retailers; Project records	Quarterly	2011 Dec	0	2	2	2	4	0	TBD	0	TBD	4

⁹ 2013 actual figure is from annual survey results. It represents 9.1% increase based on a baseline of 7.1% in July 2012 (Market Analysis Survey) and ICTP annual survey results of 16.2% in October 2013.

¹⁰ We have raised this life of project target from 30,000 to 42,000 in order to compensate for the number of switchable street food vendors which went down from 9,450 to 4,139. So, 2014 target rose from 10,000 to 20,000 and 2015 target from 5,000 to 7,000.

Indicator Code	Performance Indicators	Unit of Measure	Disaggregated by:	Data Source & Implementing Partner(s)	Frequency	Baseline Year/Month	Baseline Value	2012 Target	2012 Actual	2013 Target	2013 Actual	2014 Target	2014 Actual	2015 Target	2015 Actual	Life of Project Target
Intermediate Result 5 Capacity of enterprises along the biomass cookstove supply chain (manufacturers, distributors, and retailers) to profitably scale up production and sale of ICS strengthened																
Sub Result 5.1 Improved cookstoves supply chain (from manufacturers, to distributors, to retailers) becomes more profitable																
25	Increased profit margin for actors along the supply chain	%	Stove type	Project records	Quarterly	2013 May	0	N/A	N/A	0	0	8%	TBD	7%	TBD	15%
26	Amount of investment leveraged in USD, from public and private sources, for climate change as a result of USG assistance	\$	Funding source	Manufacturers Distributors	Quarterly	2013 May	0	N/A	N/A	0	0	200,000	TBD	600,000	TBD	800,000
Sub Result 5.2 Management systems of enterprises along the improved cookstoves supply chain strengthened																
27	Number of institutions with improved capacity to address climate change issues as a result of USG assistance (GCC 4.8.2-14)	Number	Business, skill area, and gender	Project records	Quarterly	2013 May	0	N/A	N/A	0	0	25	TBD	10	TBD	35
Custom / BSC Indicators, Access to improved Cooking Technologies Expanded																
28	Number of stove/equipment manufacturers, distributors and retailers developed through USG assistance.	Number	Consumer type, type of financing/subs idy	Manufacturers ; Retailers; Distributors, Project records	Quarterly	2011	0	0	0	30	45	20	TBD	0	TBD	50
29	Percentage reduction in energy expenditures by HHs and businesses	%	Consumer type (HH, business,)	Survey, studies, project records	Annually	2011	0	0	0	15%	N/A	25%	TBD	30%	TBD	30%
GCC Indicators																
30	Quantity of greenhouse gas (GHG) emissions, measured in metric tons of CO ₂ , reduced or sequestered as a result of USG assistance.	MT	Type of cooking technology	Annual survey	Annually	2011 Dec	0	24,898	6,115	416,736	326,891 ¹¹	454,812	TBD	123,278	TBD	1,019,724 ¹²

¹¹ Data for this indicator is calculated based on indicator 2 using this formula: # of charcoal saved (indicator 2) × 6.84 kg. Saving 1 kg of charcoal reduces CO₂ emissions by 4.9 + 2.75 = 6.84 kg of CO₂.

¹² All target figures have changed because we have corrected the factor of 5.75 used to calculate CO₂ emissions on the 2013 version to 6.84 based on new information find at:

<http://winrock.stage.datarg.net/CarbonReporting> / <http://www.ghgprotocol.org>.

**SECTION III:
PERFORMANCE INDICATOR REFERENCE SHEETS
(PIRS)**

Performance Indicator Reference Sheet			
Strategic Objective: Market for sustainable improved cooking technologies expanded			
Intermediate Result: N/A			
Indicator Number: 1			
Indicator: Number of beneficiaries with improved energy services due to USG assistance (FACTS 4.4.1-31)			
DESCRIPTION			
Precise Definition(s): This is the number of people who benefit from improved energy services due to USAID assistance. Illustrative examples of improved energy service include a new electricity connection, improved cook stove, or access to gas, increased number of hours of electricity service, and reduced outages and voltage fluctuations.			
Unit of Measure: Number of people			
Disaggregated by: Type of beneficiary: member of a household, business person (retailers, SME, large business); orphanage, prison: sex (M/F), Type of energy or technology used			
Justification & Management Utility: The number of beneficiaries of USAID- assisted energy services indicates increased availability of energy for more rapid and sustained economic growth and social development.			
PLAN FOR DATA ACQUISITION			
Data Collection Method: Data is collected from all components of the project and all assisted businesses and households using pre-design data forms and annual energy survey conducted by the M&E Specialist. Methodology for each survey is specified on the proposal for the survey.			
Data Source(s): Project records of all 4 components and records of all assisted businesses and survey data			
Frequency/Timing of Data Acquisition: On-going processes, Data are collected as they are produced/activities conducted.			
Estimated Cost of Data Acquisition: High. The annual energy survey cost money.			
Responsible Individual(s) at the Project: M&E Specialist			
DATA QUALITY ISSUES			
Date of Initial Data Quality Assessments: Nov 2012, Dec 2013			
Known Data Limitations and Significance (if any): The main limitations of this indicator include estimating the number of beneficiaries of energy services for public facilities (schools, health clinics, etc.) It requires more detailed guidance on methodology to ensure consistency across countries.			
Actions Taken or Planned to Address Data Limitations: M&E specialist has developed detailed methodology for estimating number of beneficiaries for households, businesses, schools, orphanages, and prisons.			
Date of Future Data Quality Assessments: Sep 2014			
Procedures for Future Data Quality Assessments: Data quality measures are built into the survey design.			
PLAN FOR DATA ANALYSIS, REVIEW, & REPORTING			
Data Analysis: Trend and comparison across data on improved energy service			
Presentation of Data: Survey data are presented in a detailed report.			
Review of Data: Quarterly review of project records			
Reporting of Data: Annual project report			
OTHER NOTES			
Notes on Baselines/Targets: Baseline on household and business is zero			
Other Notes:			
PERFORMANCE INDICATOR VALUES			
Year	Target	Actual	Notes
2012	300	86	Actual data is based on data collection from manufacturers.
2013	29,300	53,153	Actual data is based on survey results.
2014	34,000		
2015	10,900		
Life of Project	74,500		
THIS SHEET LAST UPDATED ON: 01/31/2014			

Performance Indicator Reference Sheet			
Strategic Objective: Market for sustainable improved cooking technologies expanded			
Intermediate Result: N/A			
Indicator Number: 2			
Indicator: Amount of charcoal consumption reduced as a result of increased use of improved cooking technologies due to project assistance			
DESCRIPTION			
Precise Definition(s): The total volume of charcoal that were destined to consumption by household and street vendors that the project assistance help reduce by providing improved cooking technologies as an alternative. A household LPG stove help saved 2.63kg/day and an improved biomass stove can help saved 30% of this figure, meaning 0.68 Kg of charcoal per day. A commercial LPG stove can help a large user who has switch to LPG saved 200kg/week. So the standard calculation would be: number of stoves sold × amount of Kg saved per day (or week) × 365 days (or 52 weeks) per year / 1,000.			
Unit of Measure: MT (Note: this will be collected in kg, but aggregate and convert to metric tons for reporting.			
Disaggregated by: Type of cooking technology			
Justification & Management Utility: The final goal of the project is to reduce charcoal consumption by increasing the use of improved cooking technology. This indicator will measure the impact of the project assistance in reducing charcoal consumption.			
PLAN FOR DATA ACQUISITION			
Data Collection Method: Survey of households, businesses, and other large users conducted by M&E specialist.			
Data Source(s): Annual energy survey			
Frequency/Timing of Data Acquisition: Annual			
Estimated Cost of Data Acquisition: High.			
Responsible Individual(s) at the Project: M&E Specialist			
DATA QUALITY ISSUES			
Date of Initial Data Quality Assessment: Nov 2012			
Known Data Limitations and Significance (if any): survey methodology, tools, and data entry are critical for accuracy and reliability of data.			
Actions Taken or Planned to Address Data Limitations: M&E Specialist will make sure that data quality measures are put in place during the survey.			
Date of Future Data Quality Assessments: Sep 2014			
Procedures for Future Data Quality Assessments: Check for consistency of data, build data quality measure into survey design.			
PLAN FOR DATA ANALYSIS, REVIEW, & REPORTING			
Data Analysis: Trends and comparison of data over time			
Presentation of Data: Survey data to be presented in a report.			
Review of Data: Annually			
Reporting of Data: Annual project report			
OTHER NOTES			
Notes on Baselines/Targets: Baseline is zero.			
Other Notes:			
PERFORMANCE INDICATOR VALUES			
Year	Target	Actual	Notes
2012	3,640	894	Actual data is based on data collection from manufacturers.
2013	60,926	47,289	Actual data is based on survey results.
2014	66,493		
2015	18,023		
Life of Project	149,082		

THIS SHEET LAST UPDATED ON: 12/23/2013

Performance Indicator Reference Sheet			
Strategic Objective: Market for sustainable improved cooking technologies expanded			
Intermediate Result: (IR) 1 Local market for improved household biomass cookstoves expanded			
Indicator Number: 3			
Name of Indicator: Number of certified improved biomass stoves sold in metropolitan Port-au-Prince.			
DESCRIPTION			
Precise Definition(s): The number of certified improved biomass stoves sold in metropolitan Port-au-Prince with support of the project.			
Unit of Measure: Number			
Disaggregated by: Type and name of stove			
Justification & Management Utility: To measure how the project help expanded the local market with improved household biomass cookstoves we need to know the total number of certified improved biomass stoves sold in metropolitan Port-au-Prince in order to compare these data with the baseline.			
PLAN FOR DATA ACQUISITION			
Data Collection Method: Sales volume data are collected directly from assisted manufacturers using pre-design data forms and annual household survey. To avoid double counting we do not count stoves sold by distributors and retailers? These data are considered only if they are not available from the manufacturers.			
Data Source(s): Manufacturers and retailer records as well as annual survey results.			
Frequency/Timing of Data Acquisition: Quarterly			
Estimated Cost of Data Acquisition: Low			
Responsible Individual(s) at the Project: Component 1 leader: ██████████			
DATA QUALITY ISSUES			
Date of Initial Data Quality Assessment: Nov 2012			
Known Data Limitations and Significance (if any): Accuracy and reliability of data at the retailer level is vital. Data for this indicator depend on a good record-keeping systems and operations at retailer level.			
Actions Taken or Planned to Address Data Limitations: M&E Specialist visited each manufacturers, retailer or partner to assess their record-keeping and data management capabilities, and provide targeted M&E assistance if needed.			
Date of Future Data Quality Assessments: Sep 2014			
Procedures for Future Data Quality Assessments: Review manufacturer/retailer data and compare with project records for consistency check.			
PLAN FOR DATA ANALYSIS, REVIEW, & REPORTING			
Data Analysis: Trends and comparison of data over time			
Presentation of Data: Charts, tables, narrative.			
Review of Data: Quarterly review of project record			
Reporting of Data: In quarterly M&E updates and annual project report			
OTHER NOTES			
Notes on Baselines/Targets: Baseline is 4,401 (Provided by ILF).			
Other Notes:			
PERFORMANCE INDICATOR VALUES			
Year	Target	Actual	Notes
2012	0	0	Not activated in 2012
2013	10,000	13,760	Actual figure is based on annual survey results.
2014	20,000		
2015	5,000		
Life of Project	35,000		

THIS SHEET LAST UPDATED ON: 01/23/2014

Performance Indicator Reference Sheet

Strategic Objective: Market for sustainable improved cooking technologies expanded
Intermediate Result: (IR) 1 Local market for improved household biomass cookstoves expanded
Indicator Number: 4
Name of Indicator: Number of manufacturers that meet proposed requirements for certification of improved biomass cookstoves

DESCRIPTION

Precise Definition(s): Total number of manufacturers that the project assisted in meeting requirements for certification of improved biomass cookstove.
Unit of Measure: Number
Disaggregated by: Type of certification, name of stove
Justification & Management Utility: The number of manufacturers certified in improved biomass cookstove will help in achieving this IR. Thus it is important to know how many manufacturers the project assisted in getting ready for certification.

PLAN FOR DATA ACQUISITION

Data Collection Method: Data are collected from reports on assistance provide to manufacturers and from manufacturers to verify that they meet requirements.
Data Source(s): Project report and manufacturers record
Frequency/Timing of Data Acquisition: Quarterly
Estimated Cost of Data Acquisition: Low
Responsible Individual(s) at the Project: Component 1 leader: [REDACTED]

DATA QUALITY ISSUES

Date of Initial Data Quality Assessment: Nov 2012
Known Data Limitations and Significance (if any): Accuracy and reliability of data collected from the field and manufacturers record-keeping are vital for this indicator.
Actions Taken or Planned to Address Data Limitations: M&E Specialist developed comprehensive data collection tools to use on the field by project team members. M&E Specialist also assisted manufacturers in record-keeping procedures.
Date of Future Data Quality Assessments: Sep 2014
Procedures for Future Data Quality Assessments: Review of manufacturers records and compare to project records for consistency check.

PLAN FOR DATA ANALYSIS, REVIEW, & REPORTING

Data Analysis: Trends and comparison of data over time
Presentation of Data: Charts, tables, narrative.
Review of Data: Quarterly review of project record
Reporting of Data: In quarterly M&E updates and semi-annual project report

OTHER NOTES

Notes on Baselines/Targets: Baseline is zero.

Other Notes:

PERFORMANCE INDICATOR VALUES

Year	Target	Actual	Notes
2012	1	1	CCT testing report for justification
2013	1	3	
2014	1		
2015	0		
Life of Project	3		

THIS SHEET LAST UPDATED ON: 01/23/2014

Performance Indicator Reference Sheet

Strategic Objective: Market for sustainable improved cooking technologies expanded
Intermediate Result: (IR) 1 Local market for improved household biomass cookstoves expanded

Sub IR1.1: Leading efficient improved biomass cookstoves promoted and commercialized

Indicator Number: 5

Name of Indicator: Number of new sales points for improved cookstoves in Port-au-Prince

DESCRIPTION

Precise Definition(s): Total number of new sales points for improved cookstoves that the project helps put in place in Port-au-Prince.

Unit of Measure: Number (sales points)

Disaggregated by: type of stove sold, type of location

Justification & Management Utility: The total number of sales points will determine the increase in improved cookstoves available on the local market. To measure how the project helps expand the local market it is important to measure the number of new sales points that it helps put in place.

PLAN FOR DATA ACQUISITION

Data Collection Method: Data and GPS coordinate are collected directly from new sales points using data collection tools provided by M&E Specialist.

Data Source(s): Project records and Retailers records

Frequency/Timing of Data Acquisition: Quarterly

Estimated Cost of Data Acquisition: Low

Responsible Individual(s) at the Project: Component 1 leader: [REDACTED]

DATA QUALITY ISSUES

Date of Initial Data Quality Assessment: Nov 2012

Known Data Limitations and Significance (if any): Accuracy and reliability of data collected from the field and retailers record-keeping are vital for this indicator.

Actions Taken or Planned to Address Data Limitations: M&E Specialist developed comprehensive data collection tools to use on the field by project team members. M&E Specialist also assisted retailers in record-keeping procedures.

Date of Future Data Quality Assessments: Sep 2014

Procedures for Future Data Quality Assessments: Review of project records and compare to retailers record for consistency check.

PLAN FOR DATA ANALYSIS, REVIEW, & REPORTING

Data Analysis: Trends and comparison of data over time

Presentation of Data: Charts, tables, narrative.

Review of Data: Quarterly review of project record

Reporting of Data: In quarterly and annual project reports

OTHER NOTES

Notes on Baselines/Targets: Baseline is 15. (provided by EDM retailers)

Other Notes:

PERFORMANCE INDICATOR VALUES

Year	Target	Actual	Notes
2012	3	3	Documentation provided by Mercy Corp.
2013	12	57	
2014	5		
2015	0		
Life of Project	20		

THIS SHEET LAST UPDATED ON: 01/23/2014

Performance Indicator Reference Sheet

Strategic Objective: Market for sustainable improved cooking technologies expanded
Intermediate Result: (IR) 1 Local market for improved household biomass cookstoves expanded
Sub IR1.1: Leading efficient improved biomass cookstoves promoted and commercialized
Indicator Number: 6
Name of Indicator: Number of manufacturers and retailers receiving training in commercialization

DESCRIPTION

Precise Definition(s): Total number of people working as either manufacturers or retailers that are trained through project assistance on commercialization of improved biomass cookstoves.
Unit of Measure: Number (persons)
Disaggregated by: Sex (M/F), manufacturer, retailer, type of training
Justification & Management Utility: It is important for manufacturers and retailers to be skilled in the promotion and commercialization of cookstoves in order to expand the local market. This indicator will measure the total number of people at manufacturers and retailers level who are trained in commercialization and promotion of improved biomass cookstoves.

PLAN FOR DATA ACQUISITION

Data Collection Method: Data will be collected from training report and list of attendees.
Data Source(s): Project training reports.
Frequency/Timing of Data Acquisition: Quarterly
Estimated Cost of Data Acquisition: Low
Responsible Individual(s) at the Project: Component 1 leader: [REDACTED]

DATA QUALITY ISSUES

Date of Initial Data Quality Assessment: Nov 2012
Known Data Limitations and Significance (if any): Accuracy and reliability of data collected from the field is vital for this indicator.
Actions Taken or Planned to Address Data Limitations: M&E Specialist will develop comprehensive data collection tools to use on the field by project team members.
Date of Future Data Quality Assessments: Sep 2014
Procedures for Future Data Quality Assessments: Review of project records and compare to manufacturers and retailers record for consistency check.

PLAN FOR DATA ANALYSIS, REVIEW, & REPORTING

Data Analysis: Trends and comparison of data over time
Presentation of Data: Charts, tables, narrative.
Review of Data: Quarterly review of project record
Reporting of Data: In quarterly and annual project reports

OTHER NOTES

Notes on Baselines/Targets: Baseline is zero.
Other Notes:

PERFORMANCE INDICATOR VALUES

Year	Target	Actual	Notes
2012	0	0	Not activated in 2012
2013	20	24	
2014	10		
2015	0		
Life of Project	30		

THIS SHEET LAST UPDATED ON: 01/23/2014

Performance Indicator Reference Sheet			
Strategic Objective: Market for sustainable improved cooking technologies expanded			
Intermediate Result: (IR) 1 Local market for improved household biomass cookstoves expanded			
Sub IR 1.2: Marketing and outreach cookstove campaigns expanded			
Indicator Number: 7			
Name of Indicator: Number of media campaign activities conducted in and covering target area			
DESCRIPTION			
Precise Definition(s): Number of media campaigns organized or paid for by the project that promote and educate the target audience about the use and benefits of improved cookstove technology running on Radio, TV, local News Paper and other media that cover the metropolitan area of Port-au-Prince.			
Unit of Measure: Number (media campaign activities)			
Disaggregated by: Type of media (Radio, TV, News Paper, and others), outlet used			
Justification & Management Utility: Marketing and outreach campaigns are crucial for this project. With media campaign activities the project will reach out for more people with message on improved biomass cookstove. Thus it is important to measure how many media campaigns are running on the local media and covering target area of the project.			
PLAN FOR DATA ACQUISITION			
Data Collection Method: Data will be collected from household survey with questions that measure the impact of media campaign activities.			
Data Source(s): Household survey report, media campaign contract and report			
Frequency/Timing of Data Acquisition: Quarterly			
Estimated Cost of Data Acquisition: High			
Responsible Individual(s) at the Project: M&E Specialist with Communication Specialist: ██████████			
DATA QUALITY ISSUES			
Date of Initial Data Quality Assessment: Nov 2012			
Known Data Limitations and Significance (if any): It would be difficult to verify if media campaigns are effectively running on the media depend on the time they run the campaign.			
Actions Taken or Planned to Address Data Limitations: M&E Specialist worked with communication specialist to develop comprehensive data collection tools.			
Date of Future Data Quality Assessments: Sep 2014			
Procedures for Future Data Quality Assessments: Review of project records for consistency check.			
PLAN FOR DATA ANALYSIS, REVIEW, & REPORTING			
Data Analysis: Trends and comparison of data over time			
Presentation of Data: Charts, tables, narrative, and report designed by the communication specialist..			
Review of Data: Quarterly review of project record			
Reporting of Data: In quarterly and annual project reports			
OTHER NOTES			
Notes on Baselines/Targets: Baseline is zero.			
Other Notes:			
PERFORMANCE INDICATOR VALUES			
Year	Target	Actual	Notes
2012	0	0	Not activated in 2012
2013	4	4	
2014	3		
2015	1		
Life of Project	8		
THIS SHEET LAST UPDATED ON: 01/23/2014			

Performance Indicator Reference Sheet			
Strategic Objective: Market for sustainable improved cooking technologies expanded			
Intermediate Result: (IR) 1 Local market for improved household biomass cookstoves expanded			
Sub IR 1.2: Marketing and outreach of cookstove campaigns expanded			
Indicator Number: 8			
Name of Indicator: Percentage of target population that recognizes the national eco-label and logo			
DESCRIPTION			
Precise Definition(s): Percentage of the population in the metropolitan area of Port-au-Prince who can recognize the national eco-label and logo of the certified biomass stoves.			
Unit of Measure: Percentage			
Disaggregated by: Sex (M/F)			
Justification & Management Utility: This indicator will help measure the value of the stoves and the impact of the media campaigns conducted.			
PLAN FOR DATA ACQUISITION			
Data Collection Method: Survey with a representative sample of consumers using metro area SDE from IHSI (Institut Haitien de Statistique et d'Informatique).			
Data Source(s): Survey results.			
Frequency/Timing of Data Acquisition: Annual			
Estimated Cost of Data Acquisition: High. Survey re expensive.			
Responsible Individual(s) at the Project: M&E Specialist			
DATA QUALITY ISSUES			
Date of Initial Data Quality Assessment: During the first survey conducted			
Known Data Limitations and Significance (if any): survey methodology, tools, and data entry are critical for accuracy and reliability of data.			
Actions Taken or Planned to Address Data Limitations: M&E Specialist make sure that correct methodology is used. Data quality measure is included in survey design.			
Date of Future Data Quality Assessments:			
Procedures for Future Data Quality Assessments: Check for consistency of data, build data quality measure into survey design.			
PLAN FOR DATA ANALYSIS, REVIEW, & REPORTING			
Data Analysis: Trends and comparison of data over time			
Presentation of Data: Survey report			
Review of Data: Annually			
Reporting of Data: Annual project report			
OTHER NOTES			
Notes on Baselines/Targets: Baseline is zero			
Other Notes:			
PERFORMANCE INDICATOR VALUES			
Year	Target	Actual	Notes
2012	0%	0	Not activated in 2012
2013	15%	0	
2014	18%		
2015	20%		
Life of Project	20%		
THIS SHEET LAST UPDATED ON: 12/23/2013			

Performance Indicator Reference Sheet			
<p>Strategic Objective: Market for sustainable improved cooking technologies expanded</p> <p>Intermediate Result: (IR) 1 Local market for improved household biomass cookstoves expanded</p> <p>Sub IR 1.3: Financing mechanisms for manufacturers, retailers, and consumers to purchase improved cookstoves established</p> <p>Indicator Number: 9</p> <p>Name of Indicator: Number of manufacturers retailers, and consumers that have accessed financing to improve the affordability of biomass improved cookstoves with project assistance</p>			
DESCRIPTION			
<p>Precise Definition(s): Total number of manufacturers, retailers and consumers that the project helps find financing in order to be able to afford improved cookstoves.</p> <p>Unit of Measure: Number</p> <p>Disaggregated by: Sex (M/F), manufacturers, retailers, type of financing: new vs continuing</p> <p>Justification & Management Utility: Increasing access to financing for manufacturers, retailers, and consumers in order to purchase improved cookstoves is crucial for this project. Thus it is important to have an indicator that will measure the number of people that have access to financing with the assistance of the project.</p>			
PLAN FOR DATA ACQUISITION			
<p>Data Collection Method: Data is collected from financial institutions reports and partner records using pre-designed data collection tools.</p> <p>Data Source(s): Projects records, manufacturers and retailers records.</p> <p>Frequency/Timing of Data Acquisition: Quarterly</p> <p>Estimated Cost of Data Acquisition: Low</p> <p>Responsible Individual(s) at the Project: ██████████</p>			
DATA QUALITY ISSUES			
<p>Date of Initial Data Quality Assessment: N/A</p> <p>Known Data Limitations and Significance (if any): Accuracy and reliability of data at partner level is vital. Data for this indicator depend on a good record-keeping systems and operations at partner level.</p> <p>Actions Taken or Planned to Address Data Limitations: : M&E Specialist visited each partner to assess their record-keeping and data management capabilities, and provide targeted M&E assistance if needed.</p> <p>Date of Future Data Quality Assessments: N/A</p> <p>Procedures for Future Data Quality Assessments: Review partner data and compare with project records for consistency check.</p>			
PLAN FOR DATA ANALYSIS, REVIEW, & REPORTING			
<p>Data Analysis: Trends and comparison of data over time</p> <p>Presentation of Data: Charts, tables, narrative</p> <p>Review of Data: Quarterly</p> <p>Reporting of Data: In quarterly and annual project reports</p>			
OTHER NOTES			
<p>Notes on Baselines/Targets: Baseline is zero.</p> <p>Other Notes:</p>			
PERFORMANCE INDICATOR VALUES			
Year	Target	Actual	Notes
2012	2	0	
2013	8	16	
2014	3		
2015	2		
Life of project	15		
THIS SHEET LAST UPDATED ON: 01/23/2014			

Performance Indicator Reference Sheet			
Strategic Objective: Market for sustainable improved cooking technologies expanded			
Intermediate Result: (IR) 2 Charcoal consumption by large users reduced			
Indicator Number: 12			
Name of Indicator: Number of large users of charcoal that have switched to LPG as a result of project assistance.			
DESCRIPTION			
Precise Definition(s): Number of former large users of charcoal (street vendors, orphanage, school canteen, and restaurants) who have changed their fuel source from charcoal or firewood and are now using LPG due to assistance from the project. Project assistance refers to increasing access to LPG, LPG stoves, LPG containers, training and any other assistance that help charcoal users to switch to LPG.			
Unit of Measure: Number			
Disaggregated by: Sex (M/F), Type of user			
Justification & Management Utility: The main goal of this project is to reduce charcoal consumption. One way to do this is to increase the number of LPG users and decrease the number of charcoal users, particularly among large users. This indicator is important to measure the first part: increase in the number of LPG users.			
PLAN FOR DATA ACQUISITION			
Data Collection Method: Data is collected from activity report and survey of street food vendors (street vendors, orphanage, school canteen, and restaurant) to determine new users of LPG. In order to determine if the switch is the project influence we asked survey participants what has influenced their decision to switch to LPG and since when they have switched to LPG.			
Data Source(s): Activity reports, street food vendors survey			
Frequency/Timing of Data Acquisition: Quarterly			
Estimated Cost of Data Acquisition: High			
Responsible Individual(s) at the Project: M&E Specialist with Component 2 Leader: [REDACTED]			
DATA QUALITY ISSUES			
Date of Initial Data Quality Assessment: Nov 2012			
Known Data Limitations and Significance (if any): It would be difficult to determine only from activity reports the number of current LPG users who have switched from charcoal to LPG due to project assistance.			
Actions Taken or Planned to Address Data Limitations: M&E Specialist conducted small surveys among the new LPG users reported by the field project team to verify if they were former users of charcoal who the project have encouraged to switched to LPG.			
Date of Future Data Quality Assessments: Sep 2014			
Procedures for Future Data Quality Assessments: Review of data and compare with project records for consistency check.			
PLAN FOR DATA ANALYSIS, REVIEW, & REPORTING			
Data Analysis: Trends and comparison of data over time			
Presentation of Data: Charts, tables, narrative			
Review of Data: Quarterly			
Reporting of Data: In quarterly and annual project reports			
OTHER NOTES			
Notes on Baselines/Targets: Baseline is zero			
Other Notes: Life of project target included 800 schools and orphanages			
PERFORMANCE INDICATOR VALUES			
Year	Target	Actual	Notes
2012	100	86	
2013	1,000	662	
2014	3,000		
2015	839		
Life of Project	4,939		
THIS SHEET LAST UPDATED ON: 01/23/2014			

Performance Indicator Reference Sheet			
Strategic Objective: Market for sustainable improved cooking technologies expanded			
Intermediate Result: (IR) 2 Charcoal consumption by large users reduced			
Indicator Number: 13			
Name of Indicator: Quantity of LPG sold in metro Port-au-Prince			
DESCRIPTION			
Precise Definition(s): The amount of LPG sold in metro Port-au-Prince as a direct measure of increase sale and use of LPG stoves on expanding the local market for LPG stove.			
Unit of Measure: MT			
Disaggregated by: None			
Justification & Management Utility: Increasing access to LPG stoves in metropolitan Port-au-Prince has a direct impact to the quantity of LPG sold in this area. This indicator will help measure this impact by measuring the quantity of LPG sold by LPG suppliers.			
PLAN FOR DATA ACQUISITION			
Data Collection Method: Data is collected from LPG suppliers			
Data Source(s): LPG suppliers records			
Frequency/Timing of Data Acquisition: Quarterly			
Estimated Cost of Data Acquisition: Low			
Responsible Individual(s) at the Project: Component 2 Leader: ██████████			
DATA QUALITY ISSUES			
Date of Initial Data Quality Assessment: N/A			
Known Data Limitations and Significance (if any): Difficulties to collect data from LPG suppliers.			
Actions Taken or Planned to Address Data Limitations: Project plan to sign MOU agreement with LPG suppliers to share data			
Date of Future Data Quality Assessments: N/A			
Procedures for Future Data Quality Assessments: Review of data and compare with LPG records for consistency check.			
PLAN FOR DATA ANALYSIS, REVIEW, & REPORTING			
Data Analysis: Trends and comparison of data over time. The quantity sold will be compared to the baseline and previous years' amounts to determine an increase or decrease in amount of LPG sold.			
Presentation of Data: Charts, tables, narrative			
Review of Data: Quarterly			
Reporting of Data: In quarterly and annual project reports			
OTHER NOTES			
Notes on Baselines/Targets: 15,825 MT in 2010 and 17,158 MT in 2011			
Other Notes:			
PERFORMANCE INDICATOR VALUES			
Year	Target	Actual	Notes
2012	0	14,565	Not activated in 2012
2013	20,000	14,169	Only from one supplier
2014	30,000		
2015	10,000		2015 is only one quarter.
Life of Project	60,000		
THIS SHEET LAST UPDATED ON: 01/23/2014			

Performance Indicator Reference Sheet			
<p>Strategic Objective: Market for sustainable improved cooking technologies expanded</p> <p>Intermediate Result: (IR) 2 Charcoal consumption by large users reduced</p> <p>Sub IR 2.1: Access and availability of LPG stoves improved and Sub IR 2.2 LPG cookstoves production increased</p> <p>Indicator Number: 14</p> <p>Name of Indicator: Number of commercial LPG stoves sold by manufacturers in target area</p>			
DESCRIPTION			
<p>Precise Definition(s): The quantity of commercial LPG stoves sold in metro Port-au-Prince to the project's target population, in this case large users (schools, orphanages, prisons, and street vendors). This will be compared to the baseline data to measure the anticipated change in the amount of commercial LPG stoves sold as a result of project assistance.</p> <p>Unit of Measure: Number</p> <p>Disaggregated by: Type of stove; Name of manufacturer, number of burner</p> <p>Justification & Management Utility: Increasing access to commercial LPG stoves in metropolitan Port-au-Prince is crucial to reducing charcoal consumption by large users in this area. This indicator will help measure the impact of project activities by tracking changes in the number of commercial LPG stove sold by manufacturers in the target area of metro Port-au-Prince. If the project's activities are having the desired result than there should be an increase observed in the number of LPG stoves sold.</p>			
PLAN FOR DATA ACQUISITION			
<p>Data Collection Method: Data is collected from manufacturers' records using pre-designed data collection forms and from quarterly survey among street food vendors to determine the percentage of this population using commercial LPG stoves.</p> <p>Data Source(s): manufacturer records, survey</p> <p>Frequency/Timing of Data Acquisition: Quarterly</p> <p>Estimated Cost of Data Acquisition: High</p> <p>Responsible Individual(s) at the Project: M&E Specialist with Component 2 Leader: ██████████</p>			
DATA QUALITY ISSUES			
<p>Date of Initial Data Quality Assessment: Nov 2012</p> <p>Known Data Limitations and Significance (if any): Manufacturer's data keeping.</p> <p>Actions Taken or Planned to Address Data Limitations: The project has provided sales book to manufacturers to help them keep their data. They were also trained on how to keep proper records of sales, and inform them that the project will be tracking this information. Street food vendors and other large user surveys are conducted to determine the percentage of this population that is using commercial LPG stoves.</p> <p>Date of Future Data Quality Assessments: Sep 2014</p> <p>Procedures for Future Data Quality Assessments: Review of data and compare with manufacturer records for consistency check.</p>			
PLAN FOR DATA ANALYSIS, REVIEW, & REPORTING			
<p>Data Analysis: Trends and comparison of data over time</p> <p>Presentation of Data: Charts, tables, narrative</p> <p>Review of Data: Quarterly</p> <p>Reporting of Data: In quarterly and annual project reports</p>			
OTHER NOTES			
<p>Notes on Baselines/Targets: Baseline is 59 as of Dec 2011</p> <p>Other Notes:</p>			
PERFORMANCE INDICATOR VALUES			
Year	Target	Actual	Notes
2012	100	86	
2013	1,000	861	
2014	3,000		
2015	839		
Life of Project	4,939		

THIS SHEET LAST UPDATED ON: 01/23/2014

Performance Indicator Reference Sheet

Strategic Objective: Market for sustainable improved cooking technologies expanded

Intermediate Result: (IR) 2 Charcoal consumption by large users reduced

Sub IR 2.1: Access and availability of LPG stoves improved; and,

Sub IR 2.2: LPG cookstoves production increased

Indicator Number: 15

Name of Indicator: Number of technicians trained in LPG stove repair and manufacturing

DESCRIPTION

Precise Definition(s): Number of technicians who attend training events organized by the project and that receive a certificate of attendance at the end of training sessions. Only technicians who received a certificate of attendance will be counted as technicians trained.

Unit of Measure: Number

Disaggregated by: Sex (M/F), Type of training

Justification & Management Utility: Increasing the production of LPG stoves on the local market is not sufficient to increase access and availability if the stove cannot be maintained for a long period. It is also important to increase the number of technicians available to repair these stoves. This indicator will measure the number of technicians trained by the project to repair LPG stove and increase production.

PLAN FOR DATA ACQUISITION

Data Collection Method: Data will be collected from training events using attendance sheet and number of certificates of completion delivered.

Data Source(s): training reports

Frequency/Timing of Data Acquisition: Ongoing, as events occur.

Estimated Cost of Data Acquisition: Low

Responsible Individual(s) at the Project: Component 2 Leader: [REDACTED]

DATA QUALITY ISSUES

Date of Initial Data Quality Assessment: N/A

Known Data Limitations and Significance (if any): Attendance sheet by itself cannot measure the number of technicians trained. If participants failed to sign in, there will be under-counting of participants.

Actions Taken or Planned to Address Data Limitations: M&E Specialist worked with the person in charge of training to make sure that each technician trained receives a certificate of completion. The number of certificates delivered will be counted for the number of technician trained.

Date of Future Data Quality Assessments: N/A

Procedures for Future Data Quality Assessments: Review of participants in all attendance sheets and compare with the number of certificate deliver.

PLAN FOR DATA ANALYSIS, REVIEW, & REPORTING

Data Analysis: Trends and comparison of data over time

Presentation of Data: Charts, tables, narrative

Review of Data: Quarterly

Reporting of Data: In quarterly and annual project reports

OTHER NOTES

Notes on Baselines/Targets: Baseline is zero

Other Notes:

PERFORMANCE INDICATOR VALUES

Year	Target	Actual	Notes
2012	30	26	
2013	30	37	
2014	20		

2015	10		
Life of Project	90		
THIS SHEET LAST UPDATED ON: 12/23/2013			

Performance Indicator Reference Sheet			
Strategic Objective: Market for sustainable improved cooking technologies expanded			
Intermediate Result: (IR) 2 Charcoal consumption by large users reduced			
Sub Result 2.3: PPPs for LPG stove market expansion developed			
Indicator Number: 16			
Name of Indicator: Number of PPP agreements signed that expand the market for LPG			
DESCRIPTION			
Precise Definition(s): Number of Private Public Partnership (PPP) agreements signed between GOH and the private sector to expand the market for LPG. This collaboration must be facilitated by the project in order to be counted.			
Unit of Measure: Number			
Disaggregated by: Type of agreement			
Justification & Management Utility: It is important for the project and the sustainability of the LPG market to facilitate collaboration between GOH and the private sector to sign agreements to expand the market for LPG. This indicator will measure this effort by measuring the number of agreements sign due to project assistance.			
PLAN FOR DATA ACQUISITION			
Data Collection Method: Data is collected from activity reports on PPP agreements signed.			
Data Source(s): Project records, copy of agreements signed			
Frequency/Timing of Data Acquisition: Ongoing, as they signed agreements			
Estimated Cost of Data Acquisition: Low			
Responsible Individual(s) at the Project: Component 2 Leader: [REDACTED]			
DATA QUALITY ISSUES			
Date of Initial Data Quality Assessment: N/A			
Known Data Limitations and Significance (if any): None			
Actions Taken or Planned to Address Data Limitations: None			
Date of Future Data Quality Assessments: N/A			
Procedures for Future Data Quality Assessments: Review of documentation on PPP agreement			
PLAN FOR DATA ANALYSIS, REVIEW, & REPORTING			
Data Analysis: Trends and comparison of data over time			
Presentation of Data: Copy of agreements signed			
Review of Data: Quarterly			
Reporting of Data: In quarterly and annual project reports			
OTHER NOTES			
Notes on Baselines/Targets: Baseline is zero			
Other Notes:			
PERFORMANCE INDICATOR VALUES			
Year	Target	Actual	Notes
2012	1	1	Documentation available at COP Office
2013	2	1	
2014	1		
2015	0		
Life of Project	4		
THIS SHEET LAST UPDATED ON: 12/23/2013			

Performance Indicator Reference Sheet			
Strategic Objective: Market for sustainable improved cooking technologies expanded			
Intermediate Result: (IR) 2 Charcoal consumption by large users reduced			
Sub Result 2.3: PPPs for LPG stove market expansion developed			
Indicator Number: 17			
Name of Indicator: Total public and private funds leveraged by USG for energy projects (FACTS 4.4.1-32)			
DESCRIPTION			
Precise Definition(s): Non-USG debt and equity capital, donor grants, financial contributions, and in-kind support which is attributable to USG efforts, for energy projects. Examples include direct investment in the project, grants for technical assistance, contributions to a USG-managed fund or GDA, and in-kind support by volunteer experts. Dollars leveraged must be attributable to USG efforts in that they would not have been leveraged without USG involvement.			
Unit of Measure: US Dollars			
Disaggregated by: N/A			
Justification & Management Utility: Given limitations of funding available from USG sources, leveraging funds from other sources is critical to efforts to expand access to energy services. This is also an indicator of the sustainability and commitment on the part of the public and private sector to invest their own resources.			
PLAN FOR DATA ACQUISITION			
Data Collection Method: N/A			
Data Source(s): N/A			
Frequency/Timing of Data Acquisition: N/A			
Estimated Cost of Data Acquisition: N/A			
Responsible Individual(s) at the Project: N/A			
DATA QUALITY ISSUES			
Date of Initial Data Quality Assessment: N/A			
Known Data Limitations and Significance (if any): N/A			
Actions Taken or Planned to Address Data Limitations: N/A			
Date of Future Data Quality Assessments: N/A			
Procedures for Future Data Quality Assessments: N/A			
PLAN FOR DATA ANALYSIS, REVIEW, & REPORTING			
Data Analysis: N/A			
Presentation of Data: N/A			
Review of Data: N/A			
Reporting of Data: N/A			
OTHER NOTES			
Notes on Baselines/Targets: N/A			
Other Notes:			
PERFORMANCE INDICATOR VALUES			
Year	Target	Actual	Notes
2012	N/A		Indicator not appropriated to ICTP
2013	N/A		Indicator not appropriated to ICTP
End of Project	N/A		Indicator not appropriated to ICTP
Life of Project	N/A		Indicator not appropriated to ICTP
THIS SHEET LAST UPDATED ON: 12/23/2012			

Performance Indicator Reference Sheet			
<p>Strategic Objective: Market for sustainable improved cooking technologies expanded</p> <p>Intermediate Result: (IR) 2 Charcoal consumption by large users reduced</p> <p>Sub Result 2.4: Agreements with funding institutions to support sustained production developed</p> <p>Indicator Number: 18</p> <p>Name of Indicator: Number of loans and/or financial assistance from funding institutions to large users to purchase stoves from manufacturers.</p>			
DESCRIPTION			
<p>Precise Definition(s): Number of loans that the project facilitates large users to access from funding institutions to purchase improved cookstoves from manufacturers. These loans aim to help large users of charcoal who are willing to switch to LPG but cannot do so because they cannot afford the LPG stoves. They also concern large users who are already using LPG stoves but would like to expand their businesses.</p> <p>Unit of Measure: Number</p> <p>Disaggregated by: Type of stove, type of loan recipient, funding institution</p> <p>Justification & Management Utility: Production of LPG stoves is closely linked with purchases of LPG stoves. Manufacturers will not access loans directly in order to produce stoves, but the ability of users to access loans to purchase stoves will allow more users to order production of stoves for purchase. Thus the project is indirectly supporting sustained production by helping to increase access to loans for purchasers of LPG stoves.</p>			
PLAN FOR DATA ACQUISITION			
<p>Data Collection Method: Data is collected from loan records kept by funding institutions using pre-designed data collection forms.</p> <p>Data Source(s): Funding institution records</p> <p>Frequency/Timing of Data Acquisition: Quarterly</p> <p>Estimated Cost of Data Acquisition: Low</p> <p>Responsible Individual(s) at the Project: ██████████</p>			
DATA QUALITY ISSUES			
<p>Date of Initial Data Quality Assessment: N/A</p> <p>Known Data Limitations and Significance (if any): Accuracy and reliability of data at funding institutions level is vital. Data for this indicator depend on a good record-keeping systems and operations at partner level.</p> <p>Actions Taken or Planned to Address Data Limitations: Double check data with funding institutions for consistency check.</p> <p>Date of Future Data Quality Assessments: N/A</p> <p>Procedures for Future Data Quality Assessments: N/A</p>			
PLAN FOR DATA ANALYSIS, REVIEW, & REPORTING			
<p>Data Analysis: Trends and comparison of data over time</p> <p>Presentation of Data: Charts, tables, narrative, and copy of loan contracts.</p> <p>Review of Data: Quarterly</p> <p>Reporting of Data: In quarterly and annual project reports</p>			
OTHER NOTES			
<p>Notes on Baselines/Targets: Baseline is zero</p> <p>Other Notes:</p>			
PERFORMANCE INDICATOR VALUES			
Year	Target	Actual	Notes
2012	60	0	
2013	1,140	0	
2014	1,100		
2015	700		
Life of project	3,000		
THIS SHEET LAST UPDATED ON: 12/23/2013			

Performance Indicator Reference Sheet			
<p>Strategic Objective: Market for sustainable improved cooking technologies expanded</p> <p>Intermediate Result: (IR) 3 Legal and regulatory framework for LPG strengthened</p> <p>Indicator Number: 19</p> <p>Name of Indicator: Number of policy reforms/laws/regulations/administrative procedures drafted and presented for public/stakeholder consultation to enhance sector governance and/or facilitate private sector participation and competitive markets as a result of USG assistance. (FACTS 4.4.1-33)</p>			
DESCRIPTION			
<p>Precise Definition(s): Number of reforms, regulations, and procedures drafted by USG implementers and discussed with local stakeholders.</p> <p>Unit of Measure: Number</p> <p>Disaggregated by: Type of legal document, Topic, Stage: proposed, adopted, or implemented</p> <p>Justification & Management Utility: An improved enabling environment is essential for attracting investment and improving the sustainability of all energy services.</p>			
PLAN FOR DATA ACQUISITION			
<p>Data Collection Method: Data will be collected through activity reports by project staff</p> <p>Data Source(s): Project records</p> <p>Frequency/Timing of Data Acquisition: Quarterly</p> <p>Estimated Cost of Data Acquisition: Low</p> <p>Responsible Individual(s) at the Project: In-country program managers: ██████████</p>			
DATA QUALITY ISSUES			
<p>Date of Initial Data Quality Assessment: Nov 2012</p> <p>Known Data Limitations and Significance (if any): None</p> <p>Actions Taken or Planned to Address Data Limitations: N/A</p> <p>Date of Future Data Quality Assessments: Sep 2014</p> <p>Procedures for Future Data Quality Assessments: N/A</p>			
PLAN FOR DATA ANALYSIS, REVIEW, & REPORTING			
<p>Data Analysis: Trends and comparison of data over time</p> <p>Presentation of Data: Charts, tables, narrative.</p> <p>Review of Data: Quarterly</p> <p>Reporting of Data: In quarterly and annual project reports</p>			
OTHER NOTES			
<p>Notes on Baselines/Targets: Baseline is zero</p> <p>Other Notes:</p>			
PERFORMANCE INDICATOR VALUES			
Year	Target	Actual	Notes
2012	0	0	Not activated in 2012
2013	1	0	
2014	0		
2015	0		
Life of Project	1		
THIS SHEET LAST UPDATED ON: 12/23/2013			

Performance Indicator Reference Sheet			
Strategic Objective: Market for sustainable improved cooking technologies expanded			
Intermediate Result: (IR) 3 Legal and regulatory framework for LPG strengthened			
Indicator Number: 20			
Name of Indicator: Number of GOH staff trained by project in regulation and enforcement of LPG distribution.			
DESCRIPTION			
Precise Definition(s): Number of BME and GOH technicians trained in regulation and enforcement of LPG distribution at micro-filling stations.			
Unit of Measure: Number			
Disaggregated by: Sex (M/F), Topic			
Justification & Management Utility: Regulation of LPG distribution and enforcement of these regulations at local micro-filling stations are crucial to expand the quantity of LPG sold in metro Port-au-Prince and ensure that the necessary regulations are in place and being enforced to protect public safety.			
PLAN FOR DATA ACQUISITION			
Data Collection Method: Data is collected from training reports using attendance sheets and certificate of completion.			
Data Source(s): Project records			
Frequency/Timing of Data Acquisition: Ongoing, as events occur			
Estimated Cost of Data Acquisition: Low			
Responsible Individual(s) at the Project: Component 3 Leader: [REDACTED] (or the person in charge of trainings)			
DATA QUALITY ISSUES			
Date of Initial Data Quality Assessment: N/A			
Known Data Limitations and Significance (if any): If participants failed to sign in, there will be under-counting of participants.			
Actions Taken or Planned to Address Data Limitations: The trainer or moderator for each training event is reminded to make sure that all participants signed the attendance sheet.			
Date of Future Data Quality Assessments: N/A			
Procedures for Future Data Quality Assessments: Review of project records and compares to M&E database for consistency check.			
PLAN FOR DATA ANALYSIS, REVIEW, & REPORTING			
Data Analysis: Trends and comparison of data over time			
Presentation of Data: Charts, tables, narrative.			
Review of Data: Quarterly			
Reporting of Data: In quarterly and annual project reports			
OTHER NOTES			
Notes on Baselines/Targets: Baseline is zero			
Other Notes:			
PERFORMANCE INDICATOR VALUES			
Year	Target	Actual	Notes
2012	2	0	
2013	2	0	
2014	2		
2015	0		
Life of Project	6		
THIS SHEET LAST UPDATED ON: 12/23/2013			

Performance Indicator Reference Sheet			
Strategic Objective: Market for sustainable improved cooking technologies expanded			
Intermediate Result: (IR) 3 Legal and regulatory framework for LPG strengthened			
Indicator Number: 21			
Name of Indicator: Percentage of micro-filling stations that follow regulations concerning the sale and distribution of LPG.			
DESCRIPTION			
Precise Definition(s): Percentage of local sale and distribution points in metro Port-au-Prince that follow regulations enforce by GOH with project assistance concerning the sale and distribution of LPG.			
Unit of Measure: Percent			
Disaggregated by: Type of micro-filling station and distribution point.			
Justification & Management Utility: It is important for the project to make sure that regulations concerning sale and distribution of LPG are enforced at micro-filling stations because it can pose a safety problem for the population if LPG is not handling correctly.			
PLAN FOR DATA ACQUISITION			
Data Collection Method: Survey using observation and questionnaire			
Data Source(s): Survey report			
Frequency/Timing of Data Acquisition: Annually			
Estimated Cost of Data Acquisition: High.			
Responsible Individual(s) at the Project: M&E Specialist			
DATA QUALITY ISSUES			
Date of Initial Data Quality Assessment: N/A			
Known Data Limitations and Significance (if any): survey methodology, tools, and data entry are critical for accuracy and reliability of data.			
Actions Taken or Planned to Address Data Limitations: Data quality measure is included in survey design.			
Date of Future Data Quality Assessments: N/A			
Procedures for Future Data Quality Assessments: Check for consistency of data, build data quality measure into survey design.			
PLAN FOR DATA ANALYSIS, REVIEW, & REPORTING			
Data Analysis: Trends and comparison of data over time			
Presentation of Data: Survey data to be presented in a report.			
Review of Data: Annually			
Reporting of Data: In annual project report			
OTHER NOTES			
Notes on Baselines/Targets: Baseline is zero			
Other Notes:			
PERFORMANCE INDICATOR VALUES			
Year	Target	Actual	Notes
2012	0%	0	Not activated in 2012
2013	50%	0	
2014	70%		
2015	80%		
Life of Project	80%		
THIS SHEET LAST UPDATED ON: 12/23/2013			

Performance Indicator Reference Sheet			
Strategic Objective: Market for sustainable improved cooking technologies expanded			
Intermediate Result: (IR) 3 Legal and regulatory framework for LPG strengthened			
Indicator Number: 22			
Name of Indicator: The increase in sales of household LPG stoves as a result of the program's promotion of LPG.			
DESCRIPTION			
Precise Definition(s): The percentage of increase in household LPG stoves sold in metro Port-au-Prince to the project's target population. This will be compared to the baseline data to measure the increase in the amount of household LPG stoves sold as a result of project assistance. Final annual increase will be calculated based on actual survey results minus baseline survey results for the previous year.			
Unit of Measure: Number			
Disaggregated by: Type of stove; Name of retailers, number of burner			
Justification & Management Utility: Increasing access to household LPG stoves in metropolitan Port-au-Prince is crucial to reducing charcoal consumption by household users in this area. This indicator will help measure the impact of project activities by tracking changes in the number of household LPG stoves sold by retailers in the target area of metro Port-au-Prince. If the project's activities are having the desired result than there should be an increase observed in the number of household LPG stoves sold.			
PLAN FOR DATA ACQUISITION			
Data Collection Method: Data is collected from retailers' records using pre-designed data collection forms and annual household survey			
Data Source(s): retailer' records, household survey			
Frequency/Timing of Data Acquisition: Quarterly			
Estimated Cost of Data Acquisition: High			
Responsible Individual(s) at the Project: M&E Specialist with Component 2 Leader: ██████████			
DATA QUALITY ISSUES			
Date of Initial Data Quality Assessment: Nov 2012			
Known Data Limitations and Significance (if any): Accuracy and reliability of data depend on a good record-keeping systems and operations at LPG retailer level.			
Actions Taken or Planned to Address Data Limitations: M&E Specialist visited each retailer to compare data they provide to the project with their records. He will also train retailers (as needed) on how to keep proper records of sales, and inform them that the project will be tracking this information.			
Date of Future Data Quality Assessments: Sep 2014			
Procedures for Future Data Quality Assessments: Review of data and compare with retailer' records for consistency check.			
PLAN FOR DATA ANALYSIS, REVIEW, & REPORTING			
Data Analysis: Trends and comparison of data over time			
Presentation of Data: Charts, tables, narrative			
Review of Data: Quarterly			
Reporting of Data: In quarterly and annual project reports			
OTHER NOTES			
Notes on Baselines/Targets: : Baseline: 4,340 in 2010 and 8,318 in 2011			
Other Notes: 2010 and 2011 baselines are from direct data collection from 3 manufacturers only.			
PERFORMANCE INDICATOR VALUES			
Year	Target	Actual	Notes
2012	0	9,482	Not activated in 2012
2013	15,000	38,532	Actual figure is from survey results
2014	20,000		
2015	7,000		
Life of Project	42,000		
THIS SHEET LAST UPDATED ON: 12/23/2013			

Performance Indicator Reference Sheet			
Strategic Objective: Market for sustainable improved cooking technologies expanded			
Intermediate Result: (IR) 4 Carbon finance program for improved cooking technologies scaled up			
Indicator Number: 23			
Name of Indicator: Amount of carbon reductions based on household charcoal consumption			
DESCRIPTION			
Precise Definition(s): Results of surveys and studies conducted in metro Port-au-Prince and at national level that measure carbon reductions based on household charcoal consumption.			
Unit of Measure: Number			
Disaggregated by: Port-au-Prince vs National, Type of survey			
Justification & Management Utility: Information about household and commercial energy use is important for the carbon finance program. This indicator will measure how the project assists the carbon finance approval process in getting these data by facilitating conduct of surveys in metro Port-au-Prince and national level.			
PLAN FOR DATA ACQUISITION			
Data Collection Method: Data will be collected from project record			
Data Source(s): Project record			
Frequency/Timing of Data Acquisition: Quarterly			
Estimated Cost of Data Acquisition: Low			
Responsible Individual(s) at the Project: Component leader 4: ██████████			
DATA QUALITY ISSUES			
Date of Initial Data Quality Assessment: Nov 2012			
Known Data Limitations and Significance (if any): None			
Actions Taken or Planned to Address Data Limitations: None			
Date of Future Data Quality Assessments: Sep 2013			
Procedures for Future Data Quality Assessments: Check project records for consistency of data			
PLAN FOR DATA ANALYSIS, REVIEW, & REPORTING			
Data Analysis: Trends and comparison of data over time			
Presentation of Data: Charts, tables, narrative.			
Review of Data: Quarterly			
Reporting of Data: In quarterly and annual project reports			
OTHER NOTES			
Notes on Baselines/Targets: Baseline is zero			
Other Notes:			
PERFORMANCE INDICATOR VALUES			
Year	Target	Actual	Notes
2012	0	0	Not activated in 2012
2013	3	5	Back up doc to be provided by Mercy Corp
2014	0		
2015	0		
Life of Project	3		
THIS SHEET LAST UPDATED ON: 01/23/2014			

Performance Indicator Reference Sheet			
Strategic Objective: Market for sustainable improved cooking technologies expanded			
Intermediate Result: (IR) 4 Carbon finance program for improved cooking technologies scaled up			
Indicator Number: 24			
Name of Indicator: Number of stove models available in target areas that meet carbon emission reduction requirements			
DESCRIPTION			
Precise Definition(s): Number of stove types available in target areas that meet carbon emission reduction requirements			
Unit of Measure: Number			
Disaggregated by: Type of stove			
Justification & Management Utility: Testing and availability of stoves in Haiti that meet carbon emission reduction requirements is essential for the advancement of the carbon finance program.			
PLAN FOR DATA ACQUISITION			
Data Collection Method: Data is collected from manufacturer and retailer records using pre-design forms.			
Data Source(s): Project records, manufacturer and retailer records			
Frequency/Timing of Data Acquisition: Quarterly			
Estimated Cost of Data Acquisition: Low			
Responsible Individual(s) at the Project: Component leader 4: ██████████			
DATA QUALITY ISSUES			
Date of Initial Data Quality Assessment: Nov 2012			
Known Data Limitations and Significance (if any): Accuracy and reliability of data depend on a good record-keeping systems and operations at			
Actions Taken or Planned to Address Data Limitations: M&E Specialist will visit each manufacturer and retailer to compare data they provide to the project with their records.			
Date of Future Data Quality Assessments: Sep 2013			
Procedures for Future Data Quality Assessments: Check project records and manufacturer and retailer records for consistency of data			
PLAN FOR DATA ANALYSIS, REVIEW, & REPORTING			
Data Analysis: Trends and comparison of data over time			
Presentation of Data: Charts, tables, narrative.			
Review of Data: Quarterly			
Reporting of Data: In quarterly and annual project reports			
OTHER NOTES			
Notes on Baselines/Targets: Baseline is zero			
Other Notes:			
PERFORMANCE INDICATOR VALUES			
Year	Target	Actual	Notes
2012	2	2	Documentation provided by Mercy Corp
2013	2	4	Back up doc to be provided by Mercy Corp
2014	0		
2015	0		
Life of project	4		
THIS SHEET LAST UPDATED ON: 01/23/2014			

Performance Indicator Reference Sheet			
<p>Strategic Objective: Market for sustainable improved cooking technologies expanded</p> <p>Intermediate Result: (IR) 5 Capacity of enterprises along the biomass cookstoves supply chain (manufacturers, distributors, and retailers) to profitably scale up production and sale of ICS strengthened.</p> <p>Sub Result 5.1: Improved cookstoves supply chain (from manufacturers, to distributors, to retailers) becomes more profitable.</p> <p>Indicator Number: 25</p> <p>Name of Indicator: Increased profit margin for actors along the supply chain.</p>			
DESCRIPTION			
<p>Precise Definition(s): The total number of institutions along the supply chain (manufacturers, distributors, and retailers) with the capacity to implement growth strategies to increase their profit margin with project assistance.</p> <p>Unit of Measure: number</p> <p>Disaggregated by: Type of stove</p> <p>Justification & Management Utility: Growth strategies for targeted businesses are a first and crucial step in clarifying opportunities for making profit.</p>			
PLAN FOR DATA ACQUISITION			
<p>Data Collection Method: Data is collected from project partner records (manufacturers, distributors, and retailers) using pre-design forms. Also survey is conducted.</p> <p>Data Source(s): Project records, manufacturers, distributors, and retailers records</p> <p>Frequency/Timing of Data Acquisition: Quarterly</p> <p>Estimated Cost of Data Acquisition: Low</p> <p>Responsible Individual(s) at the Project: Component leader 5 : ██████████</p>			
DATA QUALITY ISSUES			
<p>Date of Initial Data Quality Assessment: N/A</p> <p>Known Data Limitations and Significance (if any): Accuracy and reliability of data depend on a good record-keeping systems and operations at manufacturer and distributors level.</p> <p>Actions Taken or Planned to Address Data Limitations: M&E Specialist visited each project partner to compare data they provide to the project with their records. Conducting survey (we can ask USAID for help).</p> <p>Date of Future Data Quality Assessments: N/A</p> <p>Procedures for Future Data Quality Assessments: Check project partner records for consistency of data</p>			
PLAN FOR DATA ANALYSIS, REVIEW, & REPORTING			
<p>Data Analysis: Trends and comparison of data over time</p> <p>Presentation of Data: Charts, tables, narrative.</p> <p>Review of Data: Quarterly</p> <p>Reporting of Data: In quarterly and annual project reports</p>			
OTHER NOTES			
<p>Notes on Baselines/Targets: Baseline is zero</p> <p>Other Notes:</p>			
PERFORMANCE INDICATOR VALUES			
Year	Target	Actual	Notes
2012	N/A	N/A	
2013	0	0	
2014	25		
2015	10		
Life of project	35		
THIS SHEET LAST UPDATED ON: 01/23/2014			

Performance Indicator Reference Sheet			
<p>Strategic Objective: Market for sustainable improved cooking technologies expanded</p> <p>Intermediate Result: (IR) 5 Capacity of enterprises along the biomass cookstoves supply chain (manufacturers, distributors, and retailers) to profitably scale up production and sale of ICS strengthened.</p> <p>Sub Result 5.1: Improved cookstoves supply chain (from manufacturers, to distributors, to retailers) becomes more profitable.</p> <p>Indicator Number: 26</p> <p>Name of Indicator: Amount of investment leveraged in USD, from public and private sources, for climate change as a result of USG assistance.</p>			
DESCRIPTION			
<p>Precise Definition(s): Funding leveraged, as a result of USAID assistance, for climate change programs that support actions, activities, projects or programs that reduce or sequester GHGs or increase capacity to adapt to the impacts of climate variability and change. Funding may be leveraged from the public sector (e.g., other donors) or private sector financing (e.g., corporate investments) and must be additional to USG funds invested in a program and must advance the objectives established by the USG-supported program.</p> <p>Unit of Measure: USD</p> <p>Disaggregated by: Funding source</p> <p>Justification & Management Utility: This indicator will be used to track national progress to address climate change, and for reporting on the progress of the GCCI as a whole. Aggregated investment will be noted at UNFCCC international climate change negotiations, will be used to capture the impact of USAID’s GCC portfolio for domestic and international audiences.</p>			
PLAN FOR DATA ACQUISITION			
<p>Data Collection Method: Project implementers will gather data about funding leveraged by through standard reporting procedures, such as quarterly and annual reports</p> <p>Data Source(s): Project records, Funding institutions records</p> <p>Frequency/Timing of Data Acquisition: Quarterly</p> <p>Estimated Cost of Data Acquisition: Low</p> <p>Responsible Individual(s) at the Project: Component leader 5: ██████████</p>			
DATA QUALITY ISSUES			
<p>Date of Initial Data Quality Assessment: N/A</p> <p>Known Data Limitations and Significance (if any): <u>Proprietary information</u> – some organizations providing funding may consider some information on their funding support proprietary. <u>Precision</u> – measuring funding leveraged does not necessarily indicate the magnitude of impact or results achieved.</p> <p>Actions Taken or Planned to Address Data Limitations: M&E Specialist will visit each funding institution to compare data they provide to the project with their records.</p> <p>Date of Future Data Quality Assessments: N/A</p> <p>Procedures for Future Data Quality Assessments: Check project records and institutions records for consistency of data</p>			
PLAN FOR DATA ANALYSIS, REVIEW, & REPORTING			
<p>Data Analysis: Trends and comparison of data over time</p> <p>Presentation of Data: Charts, tables, narrative.</p> <p>Review of Data: Quarterly</p> <p>Reporting of Data: In quarterly and annual project reports</p>			
OTHER NOTES			
<p>Notes on Baselines/Targets: Baseline is zero</p> <p>Other Notes:</p>			
PERFORMANCE INDICATOR VALUES			
Year	Target	Actual	Notes
2012	N/A	N/A	
2013	0	0	
2014	200,000 USD		Not activated

2015	600,000 USD		Not activated
Life of project	800,000 USD		Not activated
THIS SHEET LAST UPDATED ON: 01/23/2014			

Performance Indicator Reference Sheet			
<p>Strategic Objective: Market for sustainable improved cooking technologies expanded</p> <p>Intermediate Result: (IR) 5 Capacity of enterprises along the biomass cookstoves supply chain (manufacturers, distributors, and retailers) to profitably scale up production and sale of ICS strengthened.</p> <p>Sub Result 5.2: Management systems of enterprises along the improved cookstoves supply chain strengthened</p> <p>Indicator Number: 27</p> <p>Name of Indicator: Number of institutions with improved capacity to address climate change issues as a result of USG assistance (GCC 4.8.2-14)</p>			
DESCRIPTION			
<p>Precise Definition(s): Institutions with improved capacity will be better able to govern, coordinate, analyze, advice, or make decisions related to adaptation, clean energy, or sustainable landscapes (e.g., REDD+). “Improvement” can be ascertained using an assessment of capabilities compared with a baseline assessment. Relevant institutions might include public sector entities (ministries, departments, working groups, etc.), private sector entities, community groups (women’s groups, CBOs or NGOs, farmers’ or fishing groups), trade unions, or others.</p> <p>Unit of Measure: Number</p> <p>Disaggregated by: Business, skill are and gender</p> <p>Justification & Management Utility: This indicator will be used to track to what extent institutional capacity building enables successful climate change programs, and to indicate the coverage of GCCCI efforts.</p>			
PLAN FOR DATA ACQUISITION			
<p>Data Collection Method: Project implementers will gather data about institutions with improved climate change capacity through standard M&E procedures, such as quarterly and annual reports.</p> <p>Data Source(s): Institution records, Project records</p> <p>Frequency/Timing of Data Acquisition: Quarterly</p> <p>Estimated Cost of Data Acquisition: Low</p> <p>Responsible Individual(s) at the Project: Component leader 5: ██████████</p>			
DATA QUALITY ISSUES			
<p>Date of Initial Data Quality Assessment: Nov 2012</p> <p>Known Data Limitations and Significance (if any): Precision: This indicator does not indicate effectiveness, only engagement and coverage.</p> <p>Actions Taken or Planned to Address Data Limitations: M&E Specialist validated with each institutions all data provide by project leader of component 5.</p> <p>Date of Future Data Quality Assessments: Sep 2014</p> <p>Procedures for Future Data Quality Assessments: Check project records and institution’s records for consistency of data</p>			
PLAN FOR DATA ANALYSIS, REVIEW, & REPORTING			
<p>Data Analysis: Trends and comparison of data over time</p> <p>Presentation of Data: Charts, tables, narrative.</p> <p>Review of Data: Quarterly</p> <p>Reporting of Data: In quarterly and annual project reports</p>			
OTHER NOTES			
<p>Notes on Baselines/Targets: Baseline is zero</p> <p>Other Notes: A baseline assessment of institutions’ capabilities should be considered, which can be updated over the course of the project at regular intervals.</p>			
PERFORMANCE INDICATOR VALUES			
Year	Target	Actual	Notes
2012	N/A	N/A	
2013	0	0	
2014	25		
2015	10		
Life of project	35		
THIS SHEET LAST UPDATED ON: 01/23/2014			

Performance Indicator Reference Sheet			
Custom / BSC Indicators			
Intermediate Result: Access to improved cooking technologies expanded			
Indicator Number: 28			
Name of Indicator: Number of stove/equipment manufacturers, distributors and retailers developed through USG assistance.			
DESCRIPTION			
Precise Definition(s): Number of business developed through USG assistance.			
Unit of Measure: Number			
Disaggregated by: Consumer type, type of financing/subsidy			
Justification & Management Utility: Increase in number of business selling improved cook stoves in metropolitan Port-au-Prince is crucial to reducing charcoal consumption by large users in this area. This indicator will help measure the impact of project activities by tracking changes in the number of business developed through USG assistance.			
PLAN FOR DATA ACQUISITION			
Data Collection Method: Data is collected from manufacturer and retailer records using pre-design forms.			
Data Source(s): Manufacturers; Retailers; Distributors, Project records			
Frequency/Timing of Data Acquisition: Quarterly			
Estimated Cost of Data Acquisition: Low			
Responsible Individual(s) at the Project: Component leader 2: ██████████			
DATA QUALITY ISSUES			
Date of Initial Data Quality Assessment: N/A			
Known Data Limitations and Significance (if any): Accuracy and reliability of data depend on a good record-keeping systems and operations.			
Actions Taken or Planned to Address Data Limitations: M&E Specialist visited each manufacturer and retailer to compare data they provide to the project with their records.			
Date of Future Data Quality Assessments: N/A			
Procedures for Future Data Quality Assessments: Check project records and manufacturer and retailer records for consistency of data			
PLAN FOR DATA ANALYSIS, REVIEW, & REPORTING			
Data Analysis: Trends and comparison of data over time			
Presentation of Data: Charts, tables, narrative.			
Review of Data: Quarterly			
Reporting of Data: In quarterly and annual project reports			
OTHER NOTES			
Notes on Baselines/Targets: Baseline is zero			
Other Notes:			
PERFORMANCE INDICATOR VALUES			
Year	Target	Actual	Notes
2012	0	0	Not activated in 2012
2013	30	45	
2014	20		
2015	0		
Life of project	50		
THIS SHEET LAST UPDATED ON: 01/23/2014			

Performance Indicator Reference Sheet			
Custom / BSC Indicators			
Intermediate Result: Access to improved cooking technologies expanded			
Indicator Number: 29			
Name of Indicator: Percentage reduction in energy expenditures by households and businesses			
DESCRIPTION			
Precise Definition(s): This indicator measures the reduction in expenditures by households and businesses on fuel to meet their cooking needs.			
Unit of Measure: US Dollar			
Disaggregated by: Consumer type			
Justification & Management Utility: This measure the savings of businesses and households earned through switching away from using expensive charcoal to cleaner cooking technologies.			
PLAN FOR DATA ACQUISITION			
Data Collection Method: Data is collected using survey results. Survey is focused on household savings when they used an improved cookstove. This is calculated by project leads based on the charcoal savings achieved by the improved cooking technologies, households/business consumption and cost of charcoal, and of LPG where the consumer has switched to LPG;			
Data Source(s): Project records, survey results.			
Frequency/Timing of Data Acquisition: Quarterly			
Estimated Cost of Data Acquisition: Low			
Responsible Individual(s) at the Project: Component leaders 5: ██████████			
DATA QUALITY ISSUES			
Date of Initial Data Quality Assessment: Nov 2012			
Known Data Limitations and Significance (if any): Accuracy of data depends on survey methodology.			
Actions Taken or Planned to Address Data Limitations: Data quality assurance is included on survey design.			
Date of Future Data Quality Assessments: Sep 2013			
Procedures for Future Data Quality Assessments: Check project records and manufacturer and retailer records for consistency of data			
PLAN FOR DATA ANALYSIS, REVIEW, & REPORTING			
Presentation of Data: Charts, tables, narrative.			
Review of Data: Quarterly			
Reporting of Data: In quarterly and annual project reports			
OTHER NOTES			
Notes on Baselines/Targets: Baseline is zero			
Other Notes:			
PERFORMANCE INDICATOR VALUES			
Year	Target	Actual	Notes
2012	N/A		
2013	15%	0	Not activated in 2013
2014	25%		
2015	30%		
Life of project	30%		
THIS SHEET LAST UPDATED ON: 01/23/2014			

Performance Indicator Reference Sheet			
Global Climate Change Indicators			
Intermediate Result: Capacity of enterprises along the biomass cookstove supply chain (manufacturers, distributors, and retailers) to profitably scale up production and sale of ICS strengthened.			
Indicator Number: 30			
Name of Indicator: Quantity of greenhouse gas (GHG) emissions, measured in metric tons of CO ₂ , reduced or sequestered as a result of USG assistance.			
DESCRIPTION			
Precise Definition(s): The CO ₂ e emissions reduced or sequestered as a result of USG programs in climate change, natural resource management, agriculture, biodiversity, energy, industry, urban, transport and other relevant sectors. This indicator measures the quantity of CO ₂ emissions reduced with USG assistance. Saving 1 kg of charcoal reduces CO ₂ emissions by $4.9 + 2.75 = 6.84$ kg of CO ₂ . So the formula to calculate this indicator is: # of charcoal saved (indicator 2) × 6.84 kg			
Unit of Measure: MT			
Disaggregated by: type of cooking technology			
Justification & Management Utility: Reducing GHG emissions have long-term impacts on slowing climate change, and global implications for the extent of impacts. Reducing GHG emissions can also have strong ancillary benefits for pollution, security, health, and women. By reducing charcoal consumption the project also reduce the emission of greenhouse gas. Progress will be noted at UNFCCC international climate change negotiations, will be used to capture the impact of USAID's GCC portfolio for domestic and international audiences.			
PLAN FOR DATA ACQUISITION			
Data Collection Method: Data will be calculated based on indicator 2 using this formula: # of charcoal saved (indicator 2) × 6.84 kg			
Data Source(s): Indicator 2			
Frequency/Timing of Data Acquisition: Quarterly			
Estimated Cost of Data Acquisition: Low			
Responsible Individual(s) at the Project: M&E Specialist			
DATA QUALITY ISSUES			
Date of Initial Data Quality Assessment: Nov 2012			
Known Data Limitations and Significance (if any): <u>Integrity:</u> Several different methodologies could be employed to calculate this indicator, which offers the potential for data manipulation to show the most favorable results. <u>Precision:</u> There could be some imprecision due to variances in reporting methodologies. <u>Reliability:</u> Data collection and analysis may be inconsistent if a consistent methodology is not applied.			
Actions Taken or Planned to Address Data Limitations: To avoid data manipulation, imprecision and inconsistency methods for calculating emissions is clearly documented.			
Date of Future Data Quality Assessments: Sep 2014			
Procedures for Future Data Quality Assessments: Check project records and manufacturer and retailer records for consistency of data			
PLAN FOR DATA ANALYSIS, REVIEW, & REPORTING			
Data Analysis: Trends and comparison of data overtime			
Presentation of Data: Charts, tables, narrative.			
Review of Data: Quarterly			
Reporting of Data: In quarterly and annual project reports			
OTHER NOTES			
Notes on Baselines/Targets: Baseline is zero			
Other Notes:			
PERFORMANCE INDICATOR VALUES			
Year	Target	Actual	Notes
2012	20,930	5,141	
2013	336,894	323,456	
2014	449,819		
2015	122,030		

Life of project	1,010,986		
THIS SHEET LAST UPDATED ON: 01/23/2014			