

**PROJECT NAME:** Monitoring Behaviour Change and Improved Health Outcomes through the Community Hygiene Club Methodology in Rwanda

**Name:** Rwanda Ministry of Health – Environmental Health Desk

**Grant ID Number:** OPP1052262 Foundation Project Officer: Radu Ban

**Date Grant Awarded:** July 3 2012 Project End Date Month Year

**Grant Amount: in US\$:** 925,020 Project Duration in months: 36 months

**Report Period from** June 30<sup>th</sup> 2012 to May 30<sup>th</sup> 2013

**Report due:** May 30<sup>th</sup> 2013

Has this project been granted a no-cost extension: **No**

**Principal Project Director**

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**Title:** Permanent Secretary Ministry of Health

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**Report prepared by:** **Date submitted:** dd mm yy

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Objective #	Key Milestones	Period One		Period Two		Period Three		Grant End
		June 2012	May 2013	June 2013	May 2014	June 2014	May 2015	June 2015
		Target at period end		Target at period end		Target at period end		Cumulative target at grant end
1. Setting up Community Hygiene Clubs in 150 villages in Rusizi district	CHCs are functional in 150 villages in Rusizi district with a target of 100 members <sup>1</sup>	50 classic CHCs 50 light CHC 50% average attendance		no new CHCs		50 control group trained 50 light CHC retrained		150 (15,000 members)
2. Conducting training in 150 CHC and promotion of behaviour change	Hygienic latrines (clean and well covered) are used in CHC homes <sup>1</sup>	30%		60%		80%		12,000
	Hand washing with soap at critical time is practiced in CHC homes <sup>1</sup>	30%		60%		80%		12,000
	Safe drinking water access and handling is practiced in CHC homes <sup>1</sup>	30%		60%		80%		12,000
	Zero open defecation is achieved in CHC villages <sup>1</sup>	30%		60%		80%		12,000
	Safe disposal of children faeces is practiced in CHC households <sup>1</sup>	30%		60%		80%		12,000
	Bath shelters are constructed and used in CHC households <sup>1</sup>	30%		60%		80%		12,000
	Rubbish pits are dug and used in CHC households <sup>1</sup>	30%		60%		80%		12,000
	Yards are kept swept in CHC Households <sup>1</sup>	30%		60%		80%		12,000
	Pot-drying racks are constructed and used in CHC households <sup>1</sup>	30%		60%		80%		12,000
3. A database recording behavior change among CHC members is available remotely and updated every 6 months	Training of National Data Manager, EHOs and CHWs with Mobezi	1250 surveys twice		2500 surveys twice		5000 surveys done twice		8750

## 11. Project Progress and Results

### Vision of Success

To monitor the national Community-Based Environmental Health Promotion Programme (CBEHPP) and achieve cost-effective and sustainable hygiene behaviour change through implementation of the holistic and integrated CHC model to prevent common diseases.

### Progress Narrative (1-2 pages)

#### General Progress

- **A.1. START UP**

It is still early days to be able to report any significant progress in this project. However in the next few months the training in the community will begin and the activities will start. Although the proposal was approved and funds were dispersed in August 2012, the main period of implementation of the project, as reflected in Objective 1 and 2 is yet to begin. This in no way reflects poorly on the project because it was one of the criteria agreed with the Ministry of Health in the District would not do any CHC implementation until the Evaluation Team had completed their activities. The Evaluation team for IPA have been conducting a preliminary study of Rusizi District since .... to ascertain general attributes of the population to better inform the random selection of the three arms of the Randomized Control Trial. Start-up was delayed due to various factors beyond their control involving the research protocol and approval of survey instruments. The selection of the survey communities was to have been completed by the 3<sup>rd</sup> quarter of 2012, but is only likely to be finalized at the end of July 2013 therefore the process of allocation is at least six months behind schedule. Until the baseline survey has been done, the implementation of the project cannot begin. The start-up of the CHCs are now to begin in August, 2013.

- **A.1.1. Registration :** During this time Africa AHEAD, have been engaged in obtaining an MoU from Ministry of which was submitted in October 2012 but only finally returned to Africa AHEAD signed by the Minister in January 2013. However it is having to be redone as the original has been misplaced and the registration of Africa AHEAD cannot be completed until this is submitted. Registration is now expected to be finalized by the end of May 2013, and until this time the organisation cannot advertise or hire staff or open a bank account. By this time, the Evaluation Team is expected to have completed the base line survey and selected the villages what are to be trained in the Classic CHC and Light variation. Training start up is being scheduled for mid June 2013, when the base line data for the Ministry of Health will be collected using the Mobenzi cell phone method, as well as the paper based household inventory to ascertain levels of hygiene in CHC communities before the start of training.
- **A.1.2. Printing of Training Materials:** The training materials are being updated now and will be bulk printed in July.
- **A.1.3. Technical Advisor for the CHC:** Four trips have taken place to Rwanda with a total of 28 days in country between since July 2012 (See. Annex : Consultants time)
- **A.1.4. Personnel:** The Monitoring manager has been in place since April 2013, but the other two staff will be appointed once registration is complete and Africa AHEAD can be fully functional.

The names/roles of the three staff have been adjusted at the request of Ministry of Health. The Monitoring Manager will be called the Project Manager and be based 50% in Kigali at the MoH office and 50% in Rusizi. The Project Officer will be based in Rusizi full time. The 'book keeper' will be a clerk, based full time at the MoH office, and will also be capable of statistical data capture and will manage the website.

## A.2. TRAINING :

- **A2.1. Mobenzi Survey tool:** The household inventory has been translated from English to Kinyarwanda and has been uploaded onto the Mobenzi platform. In July training in the use of cell phone collection will take place in Rwanda and data collection will begin as from 20<sup>th</sup> July, and be complete within 2 weeks prior to CHC start up.
- **A2.2. CHC Training:** Training of the Classic and Lite CHC facilitators is to take place in August once the base line survey has been completed.
- **A.2.3. Field Visit to Zimbabwe:** This has had to be shelved for political reasons as visitors to the field are not allowed pre-election period. There was a referendum in April and general election is due this year, probably September, so we cannot risk taking visitors there at this time.
- **A.2.4. Training in SPSS:** This will take place in July once there is a data manager appointed.
- **A.2.5. TA visits for Training:** Four visits by the CHC Training advisor have been made to Rwanda with a total of 28 days since July 2013. (See Annex 3.Consultants time)

## B. IMPLEMENTATION

- **B.1. Implementation stage:** This has not yet been reached, therefore no progress
- **B.2. Monitoring:**
  - ▶ **Development of Household Inventory:** The household inventory has been carefully redesigned with assistance from Africa AHEAD and has been translated from English into Kinyarwanda.
  - ▶ **Development of the Website:** The first level of design for the CBEHPP website has begun so that when the data is collected at village level, it can be distilled into ten golden indicators and uploaded by District Monitoring Officers assisted by Environmental Health Officers directly online.

## C. ANALYSIS & DISSEMINATION

This is still too early for analysis of data. An abstract has been submitted for UNC conference in October.

## **Key Milestone Deviation**

The various delays in start-up, beyond our control, have meant that the project is exactly one year behind schedule. See Annex 1. For new Plan of Activity

## **Course correction**

We are therefore requesting for a no cost extension to realign the project **periods** as follows:

- ▶ Period 1: June 2013- May 2014
- ▶ Period 2: June 2014- May 2015
- ▶ Period 3: June 2015 – June 2016

There is no need to realign the **targets** as these can remain the same.

## **Plans for next reporting period:**

Implementation phase should start in July 2013, as planned on the Gantt Chart (Annex 2). This will entail the baseline survey, the training of all CHWs and the training for the community in 50 classic CHC and 50 Lite CHC. It will also involve the quarterly household monitoring using paper based inventory, as well as the ongoing reporting onto the website which should be fully functional in the next period. There will also be a dissemination trip to UNC Conference for the presentation of a paper on CBEHPP

**Risks:** Delays in the registration of Africa AHEAD may continue to prevent their full support. Political turmoil in Zimbabwe has meant that the visit there has been too risky. Due to the delay in start up and time needed for the base line for Evaluation, the project may lag behind the CBEHPP programme where the household inventory is being conducted in all villages in June 2013.

## **Sustainability:**

The sustainability of this project is high, as it is fully endorsed by Ministry of Health who are working closely with Africa AHEAD to ensure that all monitoring such as the household inventory is institutionalized, and that data collection is done annually. This will institutionalize a process of annual data collection to ensure that behavior changes is not only monitored but also sustained over time.

**Scalability:** Already the household inventory which was designed only for the monitoring in Rusizi district has been adopted for use nationwide as a census is being carried out in all of the 15,000 villages in the country in the next few months. In addition the CBEHPP website will allow online reporting, so alleviating the overwhelming amount of data that will be generated as every household in the country is surveyed. of this massive amount of data and this will develop into an effective data base of CHC activity and achievements, measured against 10 golden indicators which will become the bench mark for Rwanda .

## **Lessons Learned:**

Insufficient time was allowed for the start-up of this project as it had been assumed that the approvals would be more straightforward. Both the Evaluation team from IPA and the Monitoring team from Africa AHEAD have been severely delayed by bureaucracy both within their own organisations and with the Ministry of Health

## Annex 1: The Objectives

There are five main objectives for this intervention:

**1. To build capacity in MoH for cost-effective training of communities for hygiene behaviour change**

This will be achieved if, as a result of this intervention, there are organized villages that have benefitted from the enhanced skills of CHWs and EHOs ability to train and impart knowledge effectively.

**2. To enable MoH to effectively monitor behaviour change through evidence-based data collection**

Reliable information should be readily accessible at village level, through paper-based records and at district and national level through the web-based data base.

**3. To ensure functional and responsible communities exist in 150 villages in Rusizi district**

150 CHCs operational with 80% 'buy-in' and willing to respond to the training and to alter hygiene behaviour at significant levels as per the 10 Golden Indicators, identified in the CBEHPP Roadmap and Health Sector Strategic Plan (HSSP II: 2012).

**4. To provide a demonstration on how hygiene behaviour change can be sustained**

This will be achieved if the data demonstrates that hygiene behaviour change is taken up and sustained over three years and beyond. Another measurement of such success will be the increase in the number of people living in zero open defecation (ZOD) communities at less than US\$5 per person per annum.

**5. To demonstrate a cost-effective Change Model capable of improving family health at scale.**

This will be achieved if the evaluation of the CHC Model demonstrates the large scale cost-effectiveness of CHCs in the prevention of most common diseases. One indicator would be to achieve health impacts at less than US\$75 per DALY

## Annex 2. Plan of Action for Year 2.

<b>A1</b>	<b>Start up</b>	
<b>A1.1</b>	Complete AA Registration	Completed in May 2013, after a delay of 7 months
<b>A1.2</b>	Planning, procurement, and printing	Planning visits have been done; printing to be done in July
<b>A1.3</b>	TA (CHC) Visits to Rusizi district (AA)	4 visits have been made (28 days ) in Rwanda
<b>A1.4</b>	Identification / Hiring of staff	Project Manager has been in place since April 2013
<b>A1.5</b>	Assignment of villages to study arms	This is dependent on IPA Evaluation team and will not be complete until end July 2013
<b>A1.6</b>	Identification of CHCs and selection of CHWs	
<b>A2</b>	<b>Training</b>	
<b>A2.1</b>	Training and uploading Mobenzi h/hold inventory	Survey is uploaded and training will take place in July
<b>A2.2</b>	Training CHWs	This will take place in August after A1.5/6 are complete
<b>A2.3</b>	Field visit to Zimbabwe	This has been shelved as elections are taking place
<b>A2.4</b>	Training in SPSS	To be done in July 2013 after staff has been appointed
<b>A2.5</b>	TA (CBEHPP) visits (AA)	4 visits have taken place (28 days) in Rwanda
<b>B</b>	<b>IMPLEMENTATION</b>	
<b>B1</b>	<b>Implementation of Intervention</b>	
<b>B1.1</b>	Training CHC Classic	To be done in August 2013
<b>B1.2</b>	Training CHC Lite	
<b>B1.3</b>	Training Control CHC	To be done in 2014
<b>B2</b>	<b>Monitoring</b>	
<b>B2.1</b>	Conduct base line Mobenzi monitoring (25x150 x 2)	To be done in July 2013
<b>B2.2</b>	Conduct mid term Mobenzi monitoring (25x150 x 2)	To be done in 2014
<b>B2.3</b>	Conduct Endline Mobenzi monitoring (25 x 150 x 2)	
<b>B3.4</b>	paper inventories (150x70x30 months)	This will be done in May, 2013
<b>C</b>	<b>ANALYSIS &amp; DISSEMINATION</b>	
<b>C1</b>	<b>Analysis of data</b>	
<b>C1.1</b>	SPSS input and Data analysis	Computer have been procured and SPSS training due in July 2013
<b>C1.2</b>	MoH quarterly Reports	On going
<b>C2</b>	<b>Preparation of articles and conference presentations</b>	
<b>C2.1</b>	Preparation of paper for presentation/ publication (1WA)	Abstract has been submitted
<b>C2.2</b>	Presentation of Results to Ministry of Health/Stakeholders	

## Annex 2. Plan of Action for Year 2. Continued.

Objectives and Milestones		2014																2015	2016								
		Q3		Q4				Q1			Q2			Q3				Q4				Q1	Q2				
A	PLANNING	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J
		Year 2												Year 3													
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<b>C2</b>	<b>Preparation of articles and conference presentations</b>																										
C2.1	Preparation of paper for presentation/ publication																										
C2.2	Presentation of Results MoH /Stakeholders																										



### Annex 3: Africa AHEAD Consultants visits to Rwanda

Anthony Waterkeyn TA for CBEHPP						
Year	Month	Date	Day	Place	Activity	People met
2012	July	22	Sunday	CT-Kigali	Travel CT-JhB-Bujumbura-Kigali	Met Billy Jack (BJ -IPA)
2012	July	23	Monday	Kigali	Gates briefing RB/BJ	Radu Ban (RB) + (BJ -IPA)
					Meeting with Director MoH	Fidele Ngabo (FN);
					FN provided signed MoU to RB	Alphonsine Mukamunana (AM)
					Introduction of Team	Vincent
2012	July	24	Tuesday	Kigali	Meeting with Head Community Health Desk	Cathy Mugeni (CN)
					Meeting with School Public Health (SPH)	Janet Condo (JC) & Isaac
					pm.Adjustment to budget requested by FN	
2012	July	25	Wednes		am Worked at MoH (VK) to change budget	VK (AM not available)
					Gates team drove to Rusizi	VK + AM
	July	26	Thursday	Kigali	Info on registration / draft action plan	
				Rusizi	3pm flight to Rusizi	VK
					pm. scheduled meeting with district ppd	RB + BJ +VK
	July	27	Friday	Rusizi	Introduction to District MoH / Vice mayor	RB + BJ +VK
					Director Health:	Emmanuel Ndamuzeye (EN)
					Vice Mayor:	Francoise Nirere (FNI)
					Finance & performance Officer:	Vincent Habimana (VH)
					Director Hospital:	Dr. Nshiziunyu
					Director Hospital:	Dr. Emmanuel Mutubazi
					M+E Officer:	Patrick Muturutsa (PM)
					Field visit to Gashonga sector - + 6hhhold visits	3 CHCs (+100 people) + 6 h/holders
					saw Sector monitoring committee (15people)	Executive Sec: Michele Ingabire
					collected Rusizi stats from M+E office	Gate team drove back to Kigali
					pm:Translated stats with Vincent	
					8am flight back to Kigali delayed til 3pm	
					finalised budget with VK at airport	
					Meeting with PS postponed	FN + RB + BJ + AW
	July	28	Saturday	Kigali	am: wrap up with Gates (Radu left)	AW + RB
					pm: Meeting with JK: background info	Joseph Katarwa (JK)
	July	29	Sunday	Kigali	Documents for Registration (Organogram)	AW
					analysis of stats Rusizi - base line info	
					checked training materials /plan ned printing	
	July	30	Monday	Kigali	Meeting MoH: plan for startup /registration	AW+ FN + AM
					More adjustments to budget/ ToR staff	AW
					Finalisation of budget at MoH	VK + AM
	July	31	Tuesday	Kigali	Checking prices: visit to Printer / Yamaha	AW + VK + Printex Vincent Minani (VM)
					pm docs for registration assembled	AW
	August	1	Wednes	Kigali	more work on registration docs	AW

					more changes to budget / plan of action	AW
	August	2	Thursday	Kigali	Registration docs/constitution/ MoH letters	AW
	August	3	Friday	Kigali	7.30. Meeting MoH/ letter for PS / Immigration	FN + AM + AW
					for registration and submitted to MoH/ ToRs	VK + AM + AW
					finalisation of budget at MoH /signed by FN	
	August	4	Saturday	Cape Town	4am left for airport flight to JhB	
					3pm arrived CT (report done on plane)	
2013	Jan	13th	Sunday	Kigali	Travel from CT-Entebbe-Kigali	n/a
	Jan	14th	Monday	Kigali	Interview staff:	Amans/Noel/ Anthony
					pm: emails/planning/ ToRs	desk
	Jan	15th	Tuesday	Kigali	Interview staff:	Fausca/Anthony
					IPA Meeting:	Kris Cox/ Zac Clemence
					lunch: workshop EHD-World Vision	Vincent/ world Vision (Alice Muhimpundu BC)
					pm: printer Muhima quotation	Diogene /Innocent
	Jan	16th	Wed	Kigali	am: prepare staff contracts	desk
					MoH ED Meeting for MoU confirmation	Fidele/ Anthony/
			Thursday	Entebbe	Kigali- Entebbe	
1	<b>March</b>	21	Thur	Kigali	Travel from Cape Town/Jhb RwandAir	
2		22	Fri	Kigali	Household Inventory Meeting and drafting	Vincent & Amans
3		23	Sat	Rusizi	Drive to Rusizi Peace Guest House	Vincent & Amans
4		24	Sun	Rusizi	Meet IPA and internal discussions	Kris Cox & Zach Clemence
5		25	Mon	Rusizi	Household Inventory redrafting	desk time
					Staff Meeting (Amans, Vincent, Juliet & Ant)	
6		26	Tue	Rusizi	Write up minutes of meeting	desk time
7		27	Wed	Kigali	Revision of Household Inventory	desk time
8		28	Thu	Kigali	Administration / inventory	desk time
11	<b>April</b>	10	Wed	Kigali	Meeting at EHD re monitoring country wide survey	Vincent
					Follow-up meeting at Chez Lando re Questionnaire	Joseph, Vincent + Amans
12		11	Thu	Travel	Fly Kigali -JNB - CPT	
13		12	Fri	CT	Finalisation of Inventory	desk time
14		13	Sat	CT	Inclusion of comments from EHD / final version sent	desk time
<b>Dr. Juliet Waterkeyn</b>					<b>Activity</b>	<b>People met</b>
2012	July	26	Thursday	Kigali	Flight Accra-JhB- Kigali: met Radu	RB
	July	27	Friday	Kigali	Met Gates PO / PS meeting ppd.	RB +JW
	July	28	Saturday		am: wrap up Gates (Radu left)	JW + RB
					pm: Meeting with JK: background info	Joseph Katarwa (JK)
	July	29	Sunday	Kigali	Documents for Registration	JW
	July	30	Monday	Kigali	Meeting MoH: plan for startup	JW+ FN + AM
					More adjustments to budget/ ToR staff	JW

					Finalisation of budget at MoH	VK + AM
	July	31	Tuesday	Kigali	Checking prices: printing / m/bikes	JW + VK
					pm docs for registration assembled	JW
	August	1	Wednes	Kigali	more work on registration docs	JW
					more changes to budget / plan of action	JW
	August	2	Thursday	Kigali	Registration docs/constitution/ MoH letters	JW
	August	3	Friday	Kigali	7.30. Meeting MoH/ letter for PS / Immigration	FN + AM + JW
					for registration and submitted to MoH/ ToRs	VK + AM + JW
					finalisation of budget at MoH /signed by FN	
	August	4	Saturday	Cape Town	8am left for airport flight to Jhb	
					8pm arrived CT	
Year	Month	Date	Day	Place	Activity	People met
2013	Januar	10th	Thursday	Kigali	Travel from CT-Entebbe-Kigali	n/a
		11th	Friday	Kigali	am.m Meetings @ MoH	Dr Fidele, Cathy Mugeni
					pm: Meetings at Hotel	Zac, Amans & Noel
		12th	Saturday	Kigali	Meetings with IPA	Kris Cox
		13th	Sunday	Kigali	Review CVs Fausca, Noel and Amans	
					Prepare Background Paper (CBEHPP) for Minister	
		14th	Monday	Kigali	Interview Amans and Noel	Amans & Noel
					Finalise Paper for Minister	
		15th	Tuesday	Kigali	Interview Fausca; Drive to EHO Training Workshop by Vincent	Fausca, Vincent
					Meeting at World Vision; Printer Quotes	Pacal
		16th	Wednes day	Kigali	Develop ToR for Amans; Meeting with Dr Fidele	Aman & Dr Fidele
		17th	Thursday	Kigali	Meeting with WaterAid;	Nshuti
					Meeting to agree Contract and ToR with Amans	Amans
		18th	Friday	Entebbe	Fly Kigali to Entebbe to meet JAV in Uganda	Juliet
1	March	21	Thur	Kigali	Travel from Cape Town/Jhb RwandAir Chez Lando	
2		22	Fri	Kigali	Follow up Registration @ Migration Dept.	Amans, Sam (Migration)
					Bank of Kigali interview re new A/c	
					Work at KHI office	Amans and Zac
3		23	Sat	Rusizi	Drive to Rusizi Peace Guest House	Vincent & Amans
4		24	Sun	Rusizi	Meet IPA and internal discussions	Kris Cox & Zach Clemence
5		25	Mon	Rusizi	Meeting @ District DMO & M&E Officer plus IPA	Emmanuel Ndamuzeye DMO Patrick Muturutsa M&E
6		26	Tue	Rusizi	Staff Meeting (Amans, Vincent, Juliet & Ant)	
				Kigali	Collect District Signed Action Plan - drive Kigali	
7		27	Wed	Kigali	Attend EA Health Conf @ Serena and meet MoH	Fidele, Cathy, Alphonsine, Joseph
8		28	Thu	Kigali	MoH Meeting @ Fidele office to discuss and plan	Fidele, Cathy, Alphonsine, Amans & AJW
11	April	10	Wed	Kigali	Meeting at EHD	Joseph, Vincent + Amans
					Follow-up meeting at Chez Lando re Questionnaire	Joseph, Vincent + Amans