



Quarterly Report

October to December 2009

January, 2010

This document was produced for review by the United States Agency for International Development. It was prepared by DAI under Haiti DEED. Contract No. EDH-I-00-05-00004-00 Task Order 12.

TABLE OF CONTENTS

- Section I. Introduction**
- Section II. Significant Accomplishments**
- Section III. Summary of Deliverables and Milestone**
- Section IV. Status of Key Indicators**
- Section V. Financial Summary**
- Section VI. Implementation Challenges and Responses**

Editor's Note: This report covers the period before the January 12 earthquake in Haiti and therefore makes no reference to those events or subsequent project response

Section I. Introduction

The U.S. Agency for International Development's (USAID) Economic Development for a Sustainable Environment project (DEED) provides an alternative to the previous models of natural resource management (NRM) projects. DEED envisions a market-based approach that integrates improved management of lands and other natural resource assets with expanded enterprise and job opportunities in the production of suitable high-value crops, creating livelihood options for hillside farmers currently trapped in continued poverty. DEED links the management of natural resources to sound conservation while simultaneously offering livelihood options that provide the essential stimulus for promoting sustainable watershed management. The project targets two watersheds initially – the Limbé in the north and the river systems around Montrouis in the west.

DEED creates these linkages by introducing livelihood improvements into all aspects of watershed and natural resource management. DEED helps to establish a collective vision, facilitate participatory planning, and build partnerships in its communities that deliver results through concerted action. It employs innovative approaches to mobilizing target communities and producer groups (PGs) and helps them develop land-use and business plans that not only help protect fragile natural resources but also create employment and business opportunities. DEED unlocks the potential for growth in the two target watersheds by delivering the technical services, training, and business support needed to build the local skills and capacity to sustain growth.

DEED works across six integrated technical components. These are:

1. Strengthening Community-Based Producer Groups, Associations, and Enterprises
2. Promoting Alternatives to Hillside Farming
3. Promoting and Improving Community-Based Natural Resources Management (CBNRM)
4. Assisting the Government of Haiti develop sound NRM Policies and Management Systems
5. Develop Watershed Restoration & Management Plans with Watershed Stakeholders
6. Promote Alliances with the Private Sector to Leverage DEED Resources

The key project results will include:

- A 20 percent increase in household income in target areas as a result of improvements in agriculture, marketing, and off-farm employment.
- At least 50,000 hectares (ha) of fragile land under environmentally sound management—a reduction in unsuitable annual cropping of about 50 percent.
- At least 2,500 ha of priority conservation areas under improved and sustainable management that improves the biophysical conditions of the ecosystems.
- At least 15,000 households deriving improved livelihoods from sound NRM.
- At least \$7 million leveraged from the private sector for investment in enterprise development and watershed management in the target watersheds.

The project is planned to be implemented for five years (January 2008 to February 2013) in two separate phases of 3 and 2 years respectively. This is the 8th quarterly report.

Section II. Significant Accomplishments

This quarterly report highlights those aspects of implementation that were significant only in the fifth quarter. Work continues across all seven major requirement sets (Result 8 – Crisis Modifier – has not yet been invoked) and some of the most interesting results of the quarter included:

- The project launched the *Kout Lanbi Agrikol* SMS-based information service for farmers in the two watersheds;
- A major inventory of rural infrastructure was completed in the eight communes that cover the two watersheds; highlighting agriculture, economic and social infrastructure rehabilitation needs;
- DEED completed an assessment of micro-finance institutional capacity and potential to extend micro-finance services to producer group members, with recommendation on participating institutions and probable loan product lines to develop;
- The project conducted an assessment of carbon market credits derived from investments in watershed management and reforestation; this report was widely distributed to USAID implementing partners;
- A *projet-loi* (a draft decree) to create a Marine Protected Area was put before the Minister of the Environment for consideration and cabinet action;
- A first of its kind Communal Decree in natural resource management was issued by a partner local government for the protection and conservation of mangroves in its coastal areas;
- DEED reached its 100% mark in committing grant and PPA funding in support of project activities in concert with its private sector partners.
- The project presented an important study of the Diaspora community's engagement with agriculture, environmental and natural resource programs and is now working with other USAID implementing partners to build ways of hosting directly Diaspora investments in its watersheds;
- DEED signed an MOU with USAID/LOKAL and is collaborating on commune-level capacity building and local planning for natural resource management within the framework of Communal Development Plans;
- The project's cacao producer strengthening program made tremendous progress in improving the circulation of price information for farmers, significantly raising their farm-gate receipts;
- DEED used the recently completed land use classification work to complete land use maps for the communes in its watersheds.

The project continues to submit regular USAID-format Success Stories for these and other achievements. Below follows the listing of particular results by each of DEED's major Results and Requirements.

Result 1 DEED Project successfully launched and stakeholder interaction plan developed

Requirement 1.1 - Project stakeholders, areas of collaboration and potential conflict identified

- This requirement was previously completed and there were no further activities this quarter.

Requirement 1.2 - Initial participating watershed producer groups selected

- This requirement was previously completed and there were no further activities this quarter.

Requirement 1.3 - Facilitator services developed

- Service provider GUIDEE initiated training sessions during the latter part of the quarter. Over 100 trainees from PGs and SMEs in the Limbé watershed received training in business planning and accounting.
- The CFET team has started the training in Montrouis. Over 50 trainees from PGs and SMEs in the watershed received training in business planning and accounting.

Result 2 Community-based producer groups, associations and enterprises developed and strengthened

Requirement 2.1 Transparent, democratic-based, business-run Producer Groups (PGs) functioning in the watershed and market-shed

- Three grant proposals and one PPA proposal were approved by USAID during this period. KAK (*Koperativ pou Avansman Kounol*) will produce commercial quantities of castor oil from castor plant beans; AAPL (*Association des Amis de Produits Locaux*) will produce compost from market refuse and waste in Arcahaie, and FPPP (*Federation des planteurs paysans de Piatre*) will reforest the hillsides above the springs at Piatre. Landowners Dubuisson and Millien will develop tenant farming contracts for families on their private land.
- In Limbe, two PPA grant proposals were submitted to USAID for approval - 1) support to FACN in Marmelade for the addition of a pineapple juice line to their existing factory as an additional market outlet for the pineapples to be produced by APKBA producer group in Marmelade and 2) diversifying existing cacao production with the addition of vanilla production in a partnership between Vanilla Export Company and the Cooperative Makandal Limbe - cacao producers cooperative, benefiting 500 member producers.
- In Limbé and Montrouis, 24 additional producer groups are in the final stages of being selected. During the month of January 2010, DEED staff will finalize MOUs.

Requirement 2.2 Enterprise initiated and managed by PG

- There is no change this quarter from last. All 24 current Producer Groups supported by DEED in the targeted watersheds are currently engaged in commercial agriculture activities:

Montrouis

	PG	Locality	Commercial production
1	OPD8*	Ivoire	Milk, peas, maize, bananas, sorghum
2	CUPEC*	Fonds Baptiste	Beans, peas, vegetables, maize, coffee, bananas
3	CODEP	Petit Bois	Fish (Tilapia)
4	AJTAPP*	Pierre Payen	Honey
5	COLUC	Chinchiron	Beans, agricultural inputs
6	APDDL	Deluge and Lanzac	Rice, plantain, peas, manioc, tomatoes
7	APWOMOPA	Vignier	Mangoes (organic)
8	APKA*	Pont Calebasse	Ricin, plantain, peas, maize, millet
9	KAK	Kournol	Peas, cabbage, other vegetables
10	ATAIB	Bois Neuf	Irrigated plantain, beans, tomatoes, peppers, melons
11	APC	Chatelas	Bananas, tomatoes, yams, peppers,
12	FPPP	Piatre	Peppers, tomatoes, watercress, paw paw,, peas.

Limbé

	PG	Locality	Commercial production
1	APWOLEM*	Beaucher	Dairy, tilapia,vegetables
2	APKBA*	Bile 2	Coffee, citrus, bananas, beans, cabbage
3	MFKF	Bile 2	Fruit processing and Microfinance
4	APG	Grave	Yams, bananas, bamboo, cacao, beans
5	KOREPA*	Camp Coq	Yams, citrus, bamboo, cacao, pineapple
6	UFOK	Gawou	Bamboo, citrus, pineapple, beans
7	OPBL	Bas-Limbé	Plantains, cane, cacao
8	OPD8-L*	Massabiel	Yams. Bananas, pineapple, beans
9	OGFL	Lombard	Yam, corn, beans, bananas, manioc
10	UDEL	Chabot	Coffee, cacao, yams, bananas
11	CML+	Limbé	Cacao, citrus, mango, bananas
12	JEPROC	Blondo	Yams, bananas, citrus, corn, manioc

- Those PGs marked with an “asterisk” have received a grant from DEED to reinforce and extend their commercial activities; those with a “plus” are a PPA partner. Multiple others may be participants on other grants or have their own grants in process and review by the Technical Evaluation Committee and will be reported on subsequently.

Requirement 2.3 Markets for produce from watershed investments in enterprises and agriculture/NRM strengthened

- Resulting from the joint MarChE/DEED technical assistance activity whereby an expert basket weaving artisan worked with bamboo artisans in the Marmelade/Savanne Caré areas of Northern Haiti. Since then, MarChE has identified a potential client in the US for bamboo baskets. DEED is working closely with the artisans in finalizing the registration of their Association and determining the cost of production for their baskets as the initial reaction from the potential buyers was that the price was rather high.

- Honey produced by AJTAPP is now sold by the supermarket Delimart in St Marc. Discussions are underway with Delimart aimed at getting other agricultural produce onto the supermarket shelves.

Requirement 2.4 Links between PGs, enterprises, and business development and business support services strengthened

- As mentioned earlier, the Café Selecto PPA was approved by the TEC on December 7. The Environmental Mitigation Report and other mandatory environmental documentation has been completed. The proposal will be submitted to USAID in January.
- DEED is collaborating with the HIFIVE project and will coach the stronger PGs and entrepreneurs through HIFIVE's MEMA program (*Mon Enterprise, Mon Avenir*). The MEMA initiative offers the possibility of quality business plan training for the PGs and entrepreneurs that are selected by the program.
- Twenty seven members from producer groups MODEPROVES (from Ravine des Roches), OPD8L and MOP8L (from Masabiel) visited KOREPA producers in Camp Coq, where they learned innovative farming techniques, as part of DEED's farmer to farmer exchange program. Host farmers shared a set of technologies with their guests for improved yam permaculture and soil conservation using banana, cedar, pineapple and other fruit trees. The guest farmers also visited a commercial tree nursery where they can acquire the different crops used in the permaculture production model and how to fragment yams using the miniset technique allowing a farmer to plant 6-8 new yams plants instead of 1-2 from the same yam seed tuber.

Requirement 2.5 The PGs gain access to mid- to long-term sources of capital

- The Hi-Five program visited with cacao cooperatives and DEED staff during the month of December 2009 where the possibility of developing a training program to prepare cooperatives to be viable lenders was discussed. It was agreed that between what GUIDEE has to offer in coordination with Hi-Five's technical expertise, the teams can identify ways in which to strengthen the cacao cooperatives.
- DEED received the completed consultant assessment of opportunities for extending microfinance services to its producer group members. It is expected to work more closely with the USAID Hi-Five program in DEED's geographical area.

Requirement 2.6 Partnerships between selected entrepreneurs and SMEs and PGs strengthened, and result in increased revenue for all parties

- A meeting on November 28 between Cacao PPA trainers, cooperative representatives, Novella management and DEED staff was held on in the Novella office. Reports from each of the five production areas were very positive. Trainers transmitted the great satisfaction from the cacao producers resulting from the increase in prices being offered for their cacao. They also reported that the interest in the field schools is rising and other producers want to learn techniques geared at increasing quality and production. This is a major development in the

cacao sector in the North where previously, buyers were offering a fixed price for the cacao, regardless of quality. This provided no incentive to properly dry and store the beans. Now that there is an added incentive to increase quality, the producers are motivated not only to properly dry the beans but to follow tree maintenance and production techniques being introduced in the farmer field schools. Novella reported an overall increase in quality of cacao being received at its purchasing center. Novella invited the cooperative representatives and the trainers to the drying facility to explain how to test cacao beans for quality and which qualities are most valued by the international buyers. With the more transparent transmission of prices, Novella and producers confirmed through DEED surveys that the farm-gate price of cacao has increased by 72% whereas the international price rose only 14% during the same period.

Result 3 Alternatives to hillside farming (area under improved management) increased

3.1 Nonfarm businesses supported

- The PPA grants to ARN and HSSA support non-farm business. Both PPAs are moving ahead satisfactorily.
- The Regional Coordinator and the GIS specialist attended a meeting at the University of Quisqueya on November 16 in Port-au-Prince. Organized by CHIBAS, the objective of the meeting was to present the methodology developed by the FAO that identifies and ranks land areas appropriate for specific kinds of cropping systems. CHIBAS is interested in applying this methodology to *Jatropha Curcas*.
- A meeting was held with Green Energy Systems in Croix-de-Bouquets to review its quotation for a photovoltaic refrigerator and freezer installation that can be used to stock veterinary products in a rural cold-chain system. The concept is being promoted by the MARNDR (Department of animal production). DEED will look into the possibility of assisting the MARNDR to install a system in each Commune. The cost of each installation is approximately \$11,500.
- With several buyers expressing interest in bamboo handicrafts in Port-au-Prince, Cap Haitien, Labadee and the US, there is promise of expanding this sector in the Limbé watershed. The following months of January and February hope to see several orders for local production

3.2 Contract farming agreements signed between PGs, MSMEs and entrepreneurs in order to increase formal agriculture production

- APWOLEM in Marmelade has brokered an additional 12 pond leasing agreements in the Bassin area. The total number of ponds in the program is 24 with 12 approaching the time of harvest. Revenue from the initial sales help initial pond owners reimburse the “in-kind” loan for labor received from DEED allowing the second wave of farmers to construct their ponds. This system of credit in the form of labor reflects the systems already in place with “konbits” (rotating work crews) and is easily adopted as a way of contributing to another farmer’s farm activities.

3.3 Tenant farming increased in lowlands

- The PPA grant to landowners Yves Dubuisson and Mickael Millien is a pilot tenant farming scheme. Ten farmers have signed tenancy agreements and have started to work their 2-hectare plots.
- A DEED consultant met with the team in Montrouis on November 24 to discuss and analyze opportunities for expanding the tenant farming program and for promoting large scale reforestation in the upper watershed. He report is expected in January 2010.
- DEED agronomists accompanied the MarChE project on a field visit to the coastal irrigation systems. MarChE is interested to review agricultural production from irrigated perimeters and to examine opportunities for reinforcing associated market chain linkages.

3.4 Alternative forms of labor identified for hillside farmers

- There was no activity on this Requirement during the quarter.

3.5 Productivity of small irrigated perimeters increased

- A meeting was held with the MARNDR on November 24 to discuss collaboration on a program to reorganize the water user associations (*associations des irrigants*) established by the MARNDR in 2001 on the six irrigated perimeters along the Arcadins coast. The irrigation systems are not well managed, and now that work is underway to repair the primary canals and associated infrastructure, developing and implementing a program focused on improving the management of the systems is a priority. A draft proposal developed by DEED has been approved by the MARNDR. A MOU will be signed with the ministry to make clear the objectives of the program and the responsibilities of each party. This collaboration does not involve a grant to the MARNDR, but requests the Ministry's assistance with the re-election and the re-organization of the associations, and with training and capacity building.
- The membership list of the water user associations has been brought up to date. This is the first step in the process of re-electing a new management committee for each irrigation system.

Result 4 Communities' natural resources base protected and production increased

4.1 Access to information about production and conservation technologies increased

- The KOUT LANBI AGRIKOL program was launched in Montrouis and Limbé with the first step being meetings with the mayors in order to ensure that they and their offices are fully aware of the program. The KLA initiative will be very high profile and it is important that the mayors and their staff are familiar with the procedures. Five thousand flyers will be distributed to farmers in the Watersheds before the end of January.

- The following table summarizes the technologies being implemented in the Limbé watershed by DEED partner Producer groups. All technologies are developed to be both productive and promote conservation goals at the same time.

Technology	DEED partner groups
Yam permaculture – growing yams and associated crops in a forest setting	MODEPROVES, KOREPA, APG, UFOK, OPD8-L
Cacao intensification	CML, CJBC, SOCOSPOC, CAPUP, CAFUPBO, MPA
Pineapple contour and improved pasture production	ODES, APKBA,
Intensification of goat and forage production	APABL
Fruit/nectar tree production	APCHA, MODAB
Fish culture and intensive vegetable production	APWOLEM

4.2 Community land-use plan established and implemented

- A first meeting of the land-use planning working group to be established in the 2nd Section (Bois Neuf) in the St Marc Commune was held on October 15. A Section level approach to land use planning has now been adopted by the Montrouis team. This is consistent with the collaborative agreement signed between LOKAL and DEED.
- A community land use map has been completed for the village of Kounol
- DEED Limbé staff have attended the presentations of *Plans de Développement Communal* for the communes of Acul du Nord, Bas-Limbé and Limbé. Given DEED's preliminary work in identifying working groups at the section level for addressing watershed management issues, the plans have been requested from the three aforementioned communes in order to properly coordinate the DEED mandate in a watershed management context while taking into consideration and not overlapping with the terms set forth in the commune plans. As of the end of December, the plans were not yet publicly available but as soon as they are, the communes have agreed to share copies with DEED Limbé staff.

4.3 Annual crops on steep hillsides replaced by perennial crops and other non erosive forms of ground cover

- See section 4. 1 for the list of perennial crops and technologies being implemented in the Limbé watershed.
- The majority of the grants to Montrouis PGs include the planting of income-generating trees on exposed upper slopes.

4.4 PGs and individual smallholders able to access reliable and competent non-project (sustainable) agricultural extension services

- In each of the activities listed under 4.1, an important component of each of the DEED supported grant activities is the training of experienced facilitators who will accompany the producers during each of the activities while learning how to provide services after DEED program support has ended. These local facilitators will remain in their respective areas with the knowledge that they can get locally available technical information, through Farmer to Farmer training centers, while at the same time receiving a fee for their services.
- Twenty seven members from producer groups MODEPROVES (from Ravine des Roches), OPD8L and MOP8L (from Masabiel) visited KOREPA producers in Camp Coq, where they learned innovative farming techniques, as part of DEED's farmer to farmer exchange program. Host farmers shared a set of technologies with their guests for improved yam perma-culture and soil conservation using banana, cedar, pineapple and other fruit trees. The guest farmers also visited a commercial tree nursery where they can acquire the different crops used in the perma-culture production model and how to fragment yams using the *miniset* technique allowing a farmer to plant 6-8 new yams plants instead of 1-2 from the same yam seed tuber.

4.5 Sustainably financed community-based natural resources management of biologically significant sites initiated

- The draft *arrêté* establishing the Arcadins Marine Park was submitted to the Minister of Environment on October 20. The Minister has confirmed that he will submit the *arrêté* for review and approval by the President.
- The management committee for the Etang Bois Neuf has now been formally established. Two pairs of flamingoes arrived at the lake in October. This event generated a great deal of local interest and focused attention on the need for the local community and local stakeholders to manage the lake sustainably. A working group has been established and will prepare the first draft of a management plan for the lake.

Result 5 GOH watershed management policies facilitate resource management and are coordinated between ministries and with local governments

5.1 Policy constraints identified, assessed and recommendations made in a participatory manner

- There was no activity on this Requirement during the quarter

5.2 GIS, mapping, planning, and knowledge management system supported

- DEED's two GIS specialists participated in a two-week training activity in the US. Training focused on applying ArcGIS desk tools and learning how to use the IDRISI system.

- DEED's GIS and NRM staff members outlined a methodology for the identification of high risk areas using previously defined land use information and slope data. The tool developed, assigns levels of risk given slope and vegetative cover. This tool can be helpful to actors at the section and commune levels in making future decisions on zoning, land use policy and risk and disaster management/mitigation.

5.3 Community-based natural resources management supported

- In Bas-Limbé, the *Village Planète* and local group, APABL led mangrove protection and improved management initiative, resulted in the October 30th announcement and distribution of 1,500 copies of a municipal decree specifically outlining the importance of protecting mangroves in Bas-Limbé. The decree also mentions sanctions in the event of illegal cutting of mangrove plants.

Result 6 Watershed restoration plan developed and implemented by watershed stakeholders

6.1 Watershed governing and decision-making structure established

- There was no activity on this Requirement during the quarter

6.2 Participatory land-use plan developed for watershed

- The project GIS Consultant worked with GIS specialists in Montrouis and Limbé to develop a methodology for a land use cover classification system using satellite imagery. The maps have been completed for both watersheds identifying 13 different land use classifications.
- Land use mapping has been completed for all communities supported by the project in the Montrouis zone.

6.3 Participatory disaster plan developed for watershed

- DEED hosted a meeting with LOKAL staff including both COPs in the Morne Rouge office in order to better define the roles that each will take in the implementation of the recently signed MOU between the two programs. DEED will assist with technical inputs to the LOKAL led communal plans for managing risks and LOKAL will assist with DEED's up-coming efforts to begin a discussion on interrelated watershed management issues between communes located in the Limbé watershed.
- Two working groups have been formed in the 1st and 2nd sections in the St Marc commune. Workshops have been held to discuss risks, vulnerability, and disaster management.
- A methodology for the evaluation of the risk of disasters, and the mapping of vulnerability is being developed. However, DEED's coordination with LOKAL in this regard requires further clarification.

- Meetings have been held with the representative of the *Direction Protection Civile* in Arcahaie to discuss ways in which DEED can support and contribute to the DPC’s program in the Arcahaie Commune..

6.4 Common watershed protection infrastructure rehabilitated or constructed

- The mapping of rural infrastructure needs in both watersheds was completed by f CEEPCO— an American engineering firm.
- A meeting between CHF, LGL, and USAID was hosted by DEED on December 17 in the offices in Montrouis. LGL presented their revised plans and specifications for the rehabilitation of the Piatre road. The USAID engineer proposed a number of minor revisions.

Result 7 Alliances established with the private sector to leverage USAID resources

7.1 - At least \$7 million of non USG non-donor resources are leveraged to further the objectives in support of contract results and requirements

- Four PPA grants are being implemented in Montrouis. The ARN regional forestry project in Digue Matheux is moving ahead rapidly. The HSSA program (also in the Digue Matheux area) is now well underway. The rehabilitation of four irrigation systems by the MARNDR has also started. The most recent PPA with landowners Dubuisson and Millien started up in December; and as noted above, a fifth PPA for Café Selecto is in process – the proposal having been approved by the TEC in December. The proposal and supporting documents will be submitted to USAID in January 2010.
- Several additional PPAs are in the approval process for the Limbé watershed area, leveraging funds from the private sector. Final proposals were submitted to USAID in November.

Grantee	Activity	DEED funding, USD	Grantee contribution, USD
FACN	Processing of fruit (pineapple) for juice production, conservation and distribution on a commercial basis	\$500,000	\$699,460
Vanilla Export Company	Establish a vanilla growers group of 500 farmers in the Limbé watershed	\$310,000	\$341,000

7.2 - System for channeling Diaspora funds and expertise to producer groups, watershed enterprises and watershed management councils in place

- There was no activity on this Requirement during the quarter

7.3 - Other sources of donor funding and expertise identified

- DEED staff invited the French NGO AFDI funded by the Region Aquitaine to the closing ceremony of the mangrove activity implemented by Village Planet, APABL, and the Commune of Bas-Limbé. Impressed by the commune's presentation of the municipal decree protecting the mangroves in Bas-Limbé, AFDI came to the DEED office in November to discuss a potential collaborative mangrove initiative between Acul du Nord and Bas-Limbé communes with joint support from DEED and AFDI. It was agreed that the teams would reconvene in the new year to discuss the details of such a collaborative activity seriously exploring mangrove honey as a potential revenue generating activity, providing monetary incentives to protect and promote the expansion of existing mangrove stands.

Result 8 Crisis modifier/rapid response mechanism

8.1 - Contractor plans upon written request from CTO to respond to man-made or natural emergency events impacting on targeted results

- USAID did not execute the Crisis Modifier during this period.

Section III. Summary of Deliverables and Milestones

The project is currently implementing multiple activities that will result in completion of key Deliverables and Milestones. Since inception, the project has completed 37 scheduled Deliverables. Regarding Milestones, the project has completed 17 of the scheduled 32. The scorecard for the project implementation to date relative to the first eight quarters follows in two tables below. Formal document and Milestone Completion Reports have been or are being submitted to USAID separately.

Completed Deliverables from Quarter Eight:

- 2.1.2 Success stories of PG graduation
- 2.4.2 Success stories of Haitian BDS & BSS provision of service and self sufficiency
- 3.1.1 Success stories of non-farm SMEs Contract and Tenant type Farming (also 3.2.1)
- 4.2.2 Success stories of PG enterprise/soil conservation plans
- 6.2.1 Infrastructure identification report and mapping

Completed Milestones from Quarter Eight:

- 6.2.1 Infrastructure protection and rehabilitation needs identified
- 3.4.1 Establishment of a mechanism for information on alternative forms of labor for hillside farmers

DEED Contractor Deliverables Schedule Quarters 1 through 8

	Due Date
1.1 Workshop report including participant's list (in English and French)	Q2
1.1 Action plan for collaboration/ conflict avoidance	Q2
1.1 Modifications to Work/milestone plan based upon workshop and a donor conflict mitigation strategy	Q4
1.2 Community identification assessment and map	Q3
1.2 List of selected groups and signed contracts	Q3
1.2 Bi-annual performance assessment	Q3
1.3 Facilitators training program and rating forms and survey methodology	Q2
2.1 Initial two Producer Groups (PG) by-laws (in English, French, and Creole)	Q3
2.1 Documented success stories of PG graduation	Q5
2.2 Summary Market assessment/feasibility study report of promising enterprises	Q3
2.2 Annual overview update on PG accounting and relationships with private sector and financial service providers	Q8
2.3 Market constraints in Watershed Assessment and production baselines	Q3
2.3 Policy and Systems constraints Assessment	Q3
2.3 Baseline on sales and business transactions for Mme Sarah	Q3
2.3 Baseline and semi-annual updates on number of products marketed efficiently	Q3
2.4 Training program plan on organizational and enterprise management	Q2
2.4 Documented success stories of Haitian BDS & BSS provision of services and self sufficiency	Q5
2.5 Results of Survey of potential banks, "Start-up" Capital Fund managers and other credit partners	Q3
2.6 Results of promising entrepreneurs and SMEs survey	Q3
3.1 Baseline report on all types MSEs	Q3
3.1 & 3.2 Documented success stories of non farm SMEs Contract , and Tenant type Farming (Eng, Fr, and Creole)	Q4
3.4 Report on labor opportunities and patterns	Q3
3.5 Survey and maps on irrigation/drainage systems	Q4
4.1 Results of promising technologies and methods survey	Q4
4.1 Evaluation and recommendations on using a farmer-to-farmer visit program	Q4
4.2 Participatory Land use maps	Q4
4.2 Documented success stories of PG enterprise/soil conservation plans (in English, French, and Creole)	Q4
4.2 Community land-use plans	Q5
4.3 Plan for using targeted incentives and corresponding grants manual	Q2
4.3 MOU with MarChE contractor	Q2
4.3 Assessment reports on constraints to investing in perennial crops	Q3
4.4 Action Plan for integrating GOH ministry staff (in English, French, and Creole)	Q3
4.5 Management plans for mangroves and other biologically significant sites	Q5
5.1 Assessment report on watershed policy constraints	Q3
5.1 Policy Modification document	Q5
Continued below...	

Deliverables Quarter 1 to 8 (continued)	Due Date
5.2 Signed agreement with CNIGS and E.U.	Q2
5.2 Written Procedure for accessing and uploading data	Q4
5.2 Database and management system for Ministries of Agriculture and Environment	Q5
5.2 Plan for integrating databases of Ministries of Interior and PW is jointly developed and approved by all parties	Q6
5.3 Jointly Developed M&E manual for GOH reps and Community	Q8
6.1 Participatory WMC founding documents and by-laws	Q5
6.2 Watershed management plan	Q6
6.3 Disaster Management Plan	Q5
6.4 Infrastructure identification report and mapping	Q5
6.4 Business plans for major rehabilitation/construction of watershed protection infrastructure	Q6
7.1 Concept papers for alliance proposals (requirement 7.1)	Q3
7.2 Report on Diaspora and other non-USG funds spent on watershed activities	Q8
7.3 Memoranda of Understanding or other signed agreement formalizing Alliance (requirement 7.1)	Q4

DEED Contractor Milestones Schedule Quarters 1 through 8

Due Date

		Due Date
1	<ul style="list-style-type: none"> 1.1. Convene workshop to identify areas of collaboration and produce action plan 1.2 Initial 12 Producer Groups selected 1.3 Facilitators Trained to a minimum ratio 1:6 	<ul style="list-style-type: none"> Q2 Q4 Q5
2	<ul style="list-style-type: none"> 2.3 Assessment to identify business linkages and market constraints to targeted watershed production 2.1 PGs graduate from accreditation program 2.2 PGs with business plans identify recurring costs 2.5 Establish NRM capital fund 2.2 PGs with business plans that identify initial, recurring and expansion costs and how those costs will be covered 2.2 PGs incorporated into accreditation program equivalent to those that graduate the previous year 2.3 Formal marketing agreement signed between first 12 PGs and enterprise/service targeted market 2.6 Training provided to promising entrepreneurs and SMEs per watershed per year 2.5 First round of loans provided through NRM Product Capital Fund 	<ul style="list-style-type: none"> Q3 Q4 Q5 Q5 Q5 Q6 Q6 Q6/Q8 Q8
3	<ul style="list-style-type: none"> 3.1 Database of non-farm MSMEs complete 3.4 Establishment of a mechanism for information on alternative forms of labor for hillside farmers 3.5 Updated maps of irrigation/drainage systems 3.3 Identification of potential hosts of tenant farmers identified each year 3.2 TA provided to PG-MSME-Entrepreneur new partnerships per year 3.3 Land access/use contracts between tenants and landlords signed 3.5 Rehabilitation plans for irrigation/drainage systems identified 	<ul style="list-style-type: none"> Q4 Q4 Q4 Q4 Q4 Q6 Q8
4	<ul style="list-style-type: none"> 4.1 Farmer Field school established 4.3 Collaboration with MarChE contractor formalized 4.5 Biologically significant sites identified 	<ul style="list-style-type: none"> Q5 Q2 Q4
5	<ul style="list-style-type: none"> 5.1 Assessment of policy constraints in the watersheds completed 5.1 Policy recommendations presented in a national forum 5.3 Training provided to GOH personnel in the development of simple WM plans 	<ul style="list-style-type: none"> Q3 Q5 Q3/Q7
6	<ul style="list-style-type: none"> 6.2 Infrastructure protection and rehabilitation needs identified 6.4 Business plan developed for each identified infrastructure project 6.3 Disaster management plans developed for each watershed 	<ul style="list-style-type: none"> Q5 Q6 Q6
7	<ul style="list-style-type: none"> 7.2 Diaspora Investment Forum hosted 7.3 Non-USAID program leveraged to provide further assistance in watersheds 	<ul style="list-style-type: none"> Q6 Q8

Section VI. Implementation Challenges and Responses

This section examines the context in which DEED works as well as how it is being implemented and looks at the particular challenges to its implementation.

In the main, DEED did not have any significant implementation hurdles during this quarter. Work continued at a pace through the project teams and visiting consultants to keep it at a high level of implementation. PPAs and grants are now in full implementation in both watersheds. This has necessitated adding some junior field technician staff to aid in grantee supervision and in following through on the project commitments. The 2,400-person training exercise for the cacao farmer field school has been DEED's biggest field activity.

The project met with USAID during the quarter to discuss re-aligning the project's Deliverables and Milestones based on the changes noted during implementation. This is now scheduled for the next quarter.

DEED has no constraints regarding its current pipeline for implementing normal activities for the coming quarter or beyond.