



NTFP FOUNDATION

REFORESTATION & BEEKEEPING

HAITI

JULY 2014

REFORESTATION PROJECT IN HAITI

Introduction

Haiti is ranking among the poorest countries of the world. Although it shares the same Island Hispaniola with its neighbours the Dominican Republic, it's misery leads to starvation and high mortalities. One of the major differences between the two nations is the vegetation. While the Dominican Republic has around 40% of forest cover, Haiti only reaches barely 4%. This is a very dramatic figure as the island is very mountainous and therefore the bare slopes are exposed to erosion, mudslides and flooding's. Reforestation is therefore a key factor in the development of the country.

In 2003 Dipl. Forsting ETHZ Dieter Bratschi, Swiss forest engineer and project manager of the NTFP (Non Timber Forest Product) Foundation, went on a voluntary mission as Coordinator of a reforestation Project in the valley of Artibonite in Haiti. This year he was visiting the region again and was very impressed by the results of the now 10 year old reforestations. As Initiator he kept over the years the contact to the local Organization AGRE (Alliance de reboisement et de l'eau) and committed to support their activities in reforestation and water-management . AGRE is cultivating various tree nurseries in the region and organises the reforestation activities together with the local communities and fellow organisations.

The project

This reforestation project is part of an ongoing development aid activity in the region, targeting the needs of the locals with a bottom up strategy. This strategy relies on local committees, very direct and traceable spending, voluntary work and personal commitment in public interests and environmental issues.

The most vulnerable sites to deforestation are the catchment areas of the springs and its fountains. It is therefore crucial to stabilize their soils and to have a dense forest cover protecting the well from pollution and drying out. Other crucial sites for reforestation are exposed hills where mudslides are observed. As we already developed a successful method for the reforestation of such areas we are keen to cover as many exposed sites as possible. One aspect we are aware of, is that such areas are not anymore available for income generation. In order to offer an alternative income source we will provide beekeeping to the owners of the reforested sites. Beekeeping is a low tech but reliable and sustainable income source for their households. Honey as a healthy and valuable good is easy to produce and easy to keep. In addition there are other products that can be sold such as propolis and bee-wax. It is also a very sustainable activity that fosters the fructification of the trees and flowers in the area.

The goals

- To plant at least 20'000 trees in the region
- To cover at least three exposed spring catchment areas
- To organise at least four "green day" environmental campaigns for schools and the local communities
- To launch a beekeeping initiative with starter-kits and training & support.
- To repair broken water supply installations.

Project management

The general project management is developed and supervised by the Swiss NTFP Foundation. This Foundation supports local efforts to protect forest sites by sustainable use of Non Timber Forest Products. Its leading project so far is a beekeeping project in a remote settlement in the Amazon.

The Swiss Forest Engineer Dieter Bratschi is the designated project manager of the NTFP Foundation. He is offering to work on a voluntary assignment for the project and will be regularly on ground to coordinate and supervise the activities of the project. From his last assignment in Haiti, he knows the region and the people well and speaks the native Creole language.

The AGRE will be in charge of the activities on ground. They will provide the technical know-how as well as the plants and the equipment and transport. AGRE is also in charge to mobilize the local communities for the reforestations.

The beekeeping is organized by a Mr. Jean Renold, a professional beekeeper from Port au Prince, who is willing to organise the starter kits and the training as well as the support for the beekeeping.

AGRE and the local "Comité de l'Eau" Water committees are in charge of repairing the broken catchments.

Duration of the Project

The project is part of the ongoing development aid activities of AGRE , that started a decade ago in the region of Verette and Desarmes. It intends to boost the reforestation efforts and to introduce the beekeeping in the region. AGRE has a long-term perspective to improve the environment of the region and when reaching the mentioned goals they will address other needs and tasks. For the given specific goals we intend a realisation within 12 to 15 month.

Costs

For each of the mentioned goals, a detailed budget for every phase will be required. Therefore the funds are based on the detailed budget and the spending will be controlled by the project manager with the collected receipts. As a rough assessment we expect the following costs in USD:

To plant at least 20'000 trees in the region	5'000
To cover at least three exposed catchment areas	15'000
To organise at least four "green day"	4'000
To launch a beekeeping initiative	18'000
To repair broken water supply installations	3'000
Project monitoring and administration expenses	5'000
Total	50'000

Account

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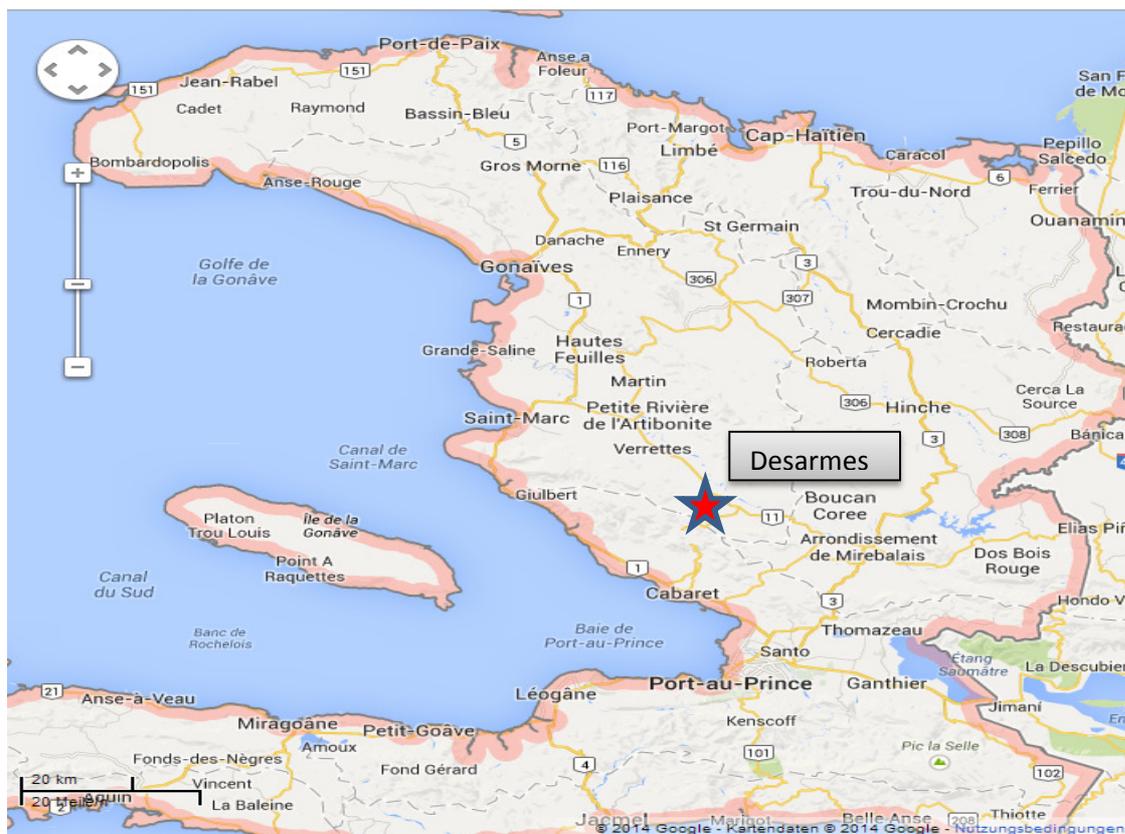
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Anex

Map with the location of the project site



Eroded spring catchment area



Reforestation and erosion protection activity



AGRE Delegation at a tree-nursery with Vetiver June 2014
(Visit of D. Bratschi , NTFP Project Manager and A. Gstöhl, Hydrologist)



Reforested slope after 10 years

