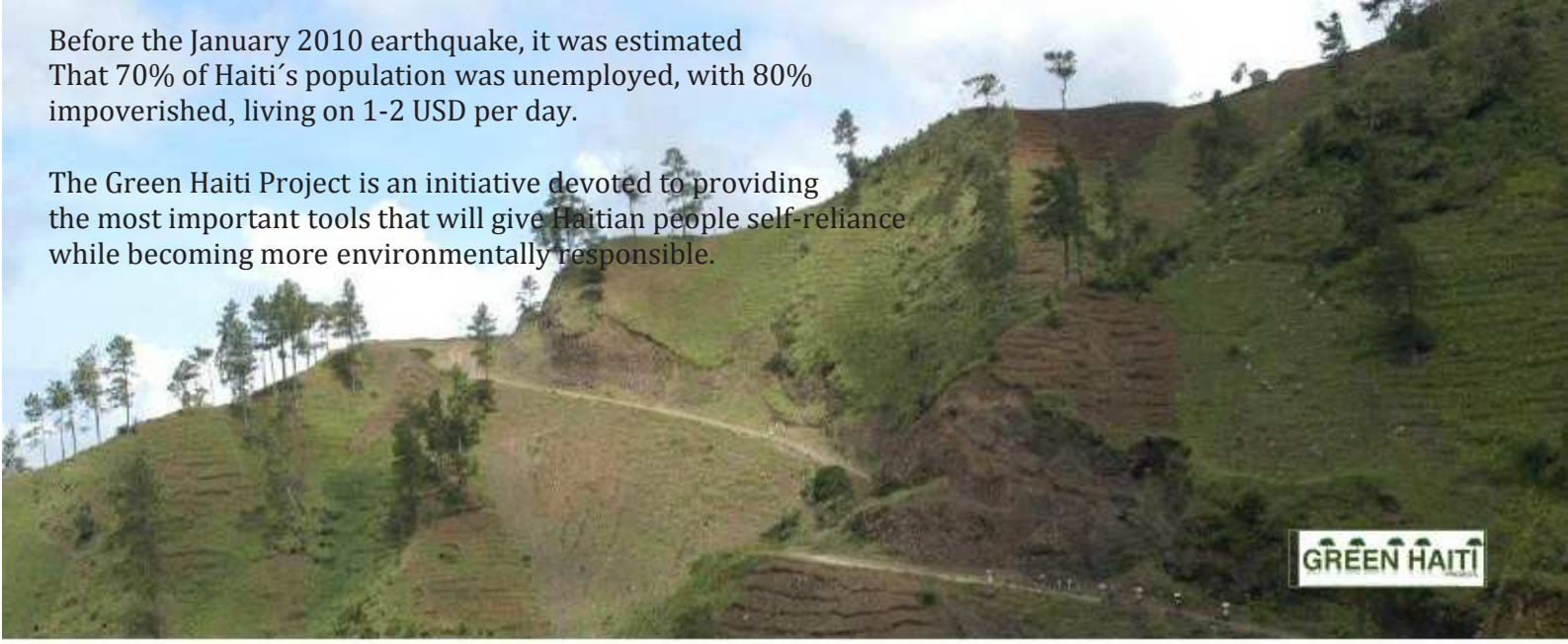
# The Green Haiti Project- the start of a better life

A 5 years initiative that will bring a better life to Haiti's rural populations
Through transformative solutions while protecting natural
resources and beyond!




Before the January 2010 earthquake, it was estimated That 70% of Haiti´s population was unemployed, with 80% impoverished, living on 1-2 USD per day.

The Green Haiti Project is an initiative devoted to providing the most important tools that will give Haitian people self-reliance while becoming more environmentally responsible.

# A self sustaining Haiti

Thousands of acres of lush forests have been cleared to make way for an ever growing need for energy.
The once beautiful and spectacular forests are reduced to barren landscapes.
The heavy tropical rains carries away the rich topsoil, and the land without its topsoil will no longer be fertile.
Slowly but steadily, the lush vegetation has given way to wasteland. It's time to stop this negative spiral.

## Fondation Seguin - **the green organization**

This sustainability driven NGO was created 2004 by a group of young Haïtian professionals and businessmen wanting to get involved in the protection of one of Haïti's National Parks and work towards a sustainable development and future of their country.

*"We want to live in a better country, a greener and sustainable Haiti. Urgent action is required to halt the progressive and frightening deterioration and destruction of the environment in Seguin (South East Haiti) before it is too late. It is necessary that we all get involved in the future of our country in every relevant sector, particularly in programs for environmental protection."*

Serge Cantave Jr, Executive Director, Fondation Seguin

## Parc National La Visite – a green strategic landmark

The Park is at the summit of to four most important watersheds in Haiti. It is home to many national natural treasures that must be protected, salvaged, even restored. Classified as a National Park since 1983, it has been facing constant pressure from human activities in the region.

- Water source for 3 Million people
- Unique Biodiversity – Fauna & Flora
- High Rate of Endemism
- High potential for Eco Enterprises – Eco Tourism – Universities Research & Development

The lack of access to safe water is one of Haiti greatest challenges. Ongoing waterborne diseases are major hurdles in the slow recovery in Haiti.

# Eco Kits - the start of a new life

SOLVATTEN is an award winning solution that uses solar energy to purify and heat contaminated water. After a few hours in the sun the water is free from the pathogens that cause diseases like dysentery, salmonella and cholera.

SOLVATEN improves health, saves energy, money and the environment.

## A Sun Water Solution

- Safe and hot water in 2-6 hours
- An indicator shows when the water is safe
- Can be used several times a day
- Easy to use and carry
- Requires no chemicals or batteries
  No maintenance cost
- Has a long lifespan

Since the earthquake, more people are living in the dark, forced to study in parks, and stay awake all night to protect what little they have in an attempts to prevent horrendous attacks or rapes. Some survivors stay awake all night in the public plaza since it's the only place with light.

A large number of Haitians have never had electricity or safe illumination at home. Using safer and brighter green alternatives will protect families against kerosene fumes and accidental fire.

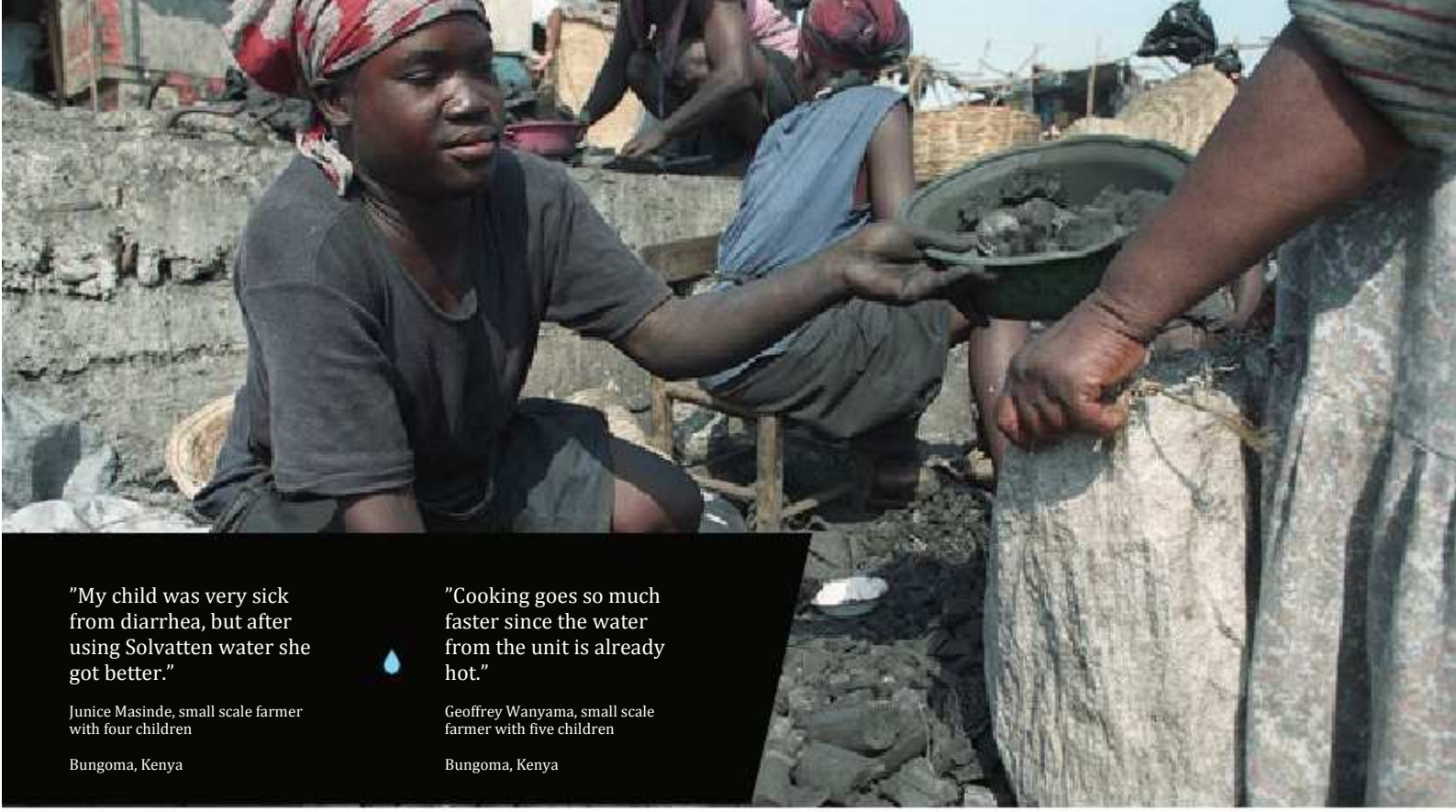
## The Multifunctional Solar lights

- Savings in energy and money
- Positive environmental impact
- Reduced risk for violence
- Allow more income generating activities
- More time for education
- Empowerment of women
- Communication made easy (charging mobile)

Open fires and rudimentary cook stoves are ineficient, unhealthy, and unsafe. In addition to wood, the Envirovert stove can be used with other fuel source types including dried corn cobs, grass, or any other readily available biomass. This stove cooks with far less fuel and produces far less air pollution (carbon monoxide in particular) than the traditional open fire.

## The Energy Efficient Cook stove

- Savings in energy and money
- Positive environmental impact
- Reduced indoor smoke and reduced risk for burn injuries
- Allow more income generating activities
- More time for education
- Empowerment of women




The dependency on charcoal is a major cause to the alarming speed of deforestation. A family of five consumes firewood to a value of 2,847 USD in 5 years. Producing one kg of charcoal requires 5 kg of firewood.

# General Objectives - the Strategic areas of Haiti

Parc La Visite - Parc Macaya – Forest des Pins

a) Environmental Education – Prevention and Collaboration on better practices: Code of Conduct
b) Formation - Communication project aimed at educating all relevant communities and organizations
c) Distribution - Assisting the supply chain and end users with a secured and reliable network
e) Evaluation – Control, review of actions and results. Follow –up and detailed reports for the CDM

# Lower Carbon footprint - **The CDM Mechanism**

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