

# KAMI FOUNDATION FOR HAITI

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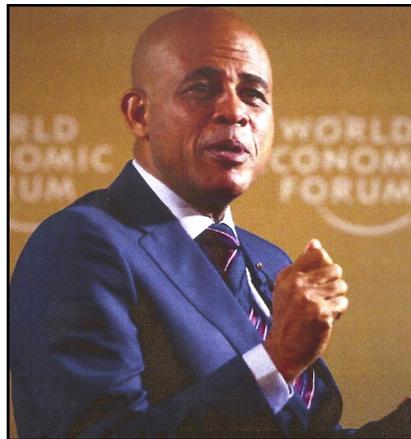
S.H.A.R.E Agriculture

Foundation

## **KAMI'S Programs:**

- To locally manufacture economical, efficient, environmentally friendly and healthier kerosene stoves as replacement to wood or charcoal.
- To encourage the culture of Jatropha and its transformation into biodiesel to eventually replace kerosene
- To provide environmental education to the local population.

Michel MARTELLY  
President of Haiti



The 50 year old “Compas” singer was swept to power during the March 20, 2010 presidential election by Haitians, tired of past leaders who failed to provide even basic services, such as decent roads, water, and electricity in the Western Hemisphere’s poorest country. Martelly had a very difficult start. It required a recount of ballots by the UN to place him first over his opponent, who happened to be the son-in-law of the former President.

In the history of Haiti there has been no other leader who appeared to put the needs of the people as a first priority, and this is what Martelly is doing.

He is establishing free compulsory schooling for all children, beginning first with the 6-12 year old children. Presently, there are 903,000 children already inscribed to the program. There are road construction projects all over the

country. Reconstruction of the Capital and other regions affected by the earthquake is underway. He is actively opening dialogue with, and reaching out to other countries.

In spite of fierce opposition from within his own government, he remains strong and determined to bring his country to a higher standard by reforming the agriculture, health, education and justice systems.

He is gradually working to weed out the culture of corruption that has plagued his country for so long, and he is slowly replacing key positions by new, young and better educated people who are working in the same progressive and optimistic fashion.

“I have been following Haitian news for a long time and I am pleased and encouraged by the changes taking place. Michel Martelly appears to be a sign of hope for Haiti.”

*Michel JOBIN*



## **KAMI's Address:**

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**How much does a KAMI STOVE cost? Good Question!**

As of February 1, 2012, the number of KAMI stoves installed in Terrier-Rouge were 232 units. It is a great accomplishment, considering the we had to educate the population about what is for them, a new technology, in this village of approximately 5,000 residents. Hundreds of formation sessions, addressed to women groups as well as individuals were held in our local office. Several public announcements were given by the Town Crier, demonstrations were given at agricultural fairs and other public functions.

Several times, during speaking engagements in Canada, the question of the cost of one stove is often asked, and it is difficult to answer unless it is well understood how KAMI manages this program. In order to promote local enterprises, small manufacturers are contracted by KAMI to produce frames and fuel tanks. Since the technology and skills to produce the burner sets do not exist in Haiti, KAMI must import them from the Philippines.

- A) A potential user first obtains an introduction from our Agent in KAMI's Office. We insist to convey the information and safety measures to the person who usually prepares the daily meal.
- B) The Agent then suggests names of local manufacturers where the user may place an order for a frame. Once ready, the user will pay the cost of the frame to the manufacturer
- C) The buyer reports to the KAMI Office with the frame, the Agent performs a quality control check and installs the burner set. At that time the buyer will be tested on her ability to operate the stove safely.
- D) At the home of the buyer, the Agent will install the stove appropriately following KAMI's instructions. Every KAMI stove is recorded on a log and assigned a number corresponding to the buyer.



**Here is how we calculate the cost of one stove:**

Item (s):	Who does What	Necessary Elements	Individual Cost, Based on An Order of 100 Units	Who Pays?
Burner, regulator, vinyl tubing and fuel cup	Goodfire Stoves Inc. Manila Philippines	Purchase, Transport, Money Transfer and Custom fees	\$9.39 each	KAMI
Fuel Tank (2Litres)	Local Manufacturer in Haiti	Welding, painting, and testing to KAMI specs	\$13.22 each	KAMI
Stove frame	Local Manufacturer in Haiti	Welding, painting to KAMI specs	\$12.50 each	Buyer
Bulk steel bars for stove frame	Purchased by local Manufacturer	1/2 square steel bars	\$18.75 each	KAMI
KAMI's Agent 75% of his productive time	Contracting Agent in Haiti	Inventory and distribution, formation sessions, installing and repairing stoves.	\$16.88 each	KAMI
Approximate total cost	of one stove		<b>\$70.74 each</b>	

**N.B. This does not take into consideration other expenses KAMI meets to make the stoves available, i.e rental & maintenance of office building, travel of administrator, compensation of security agent, communication and administration costs.**

## *Jatropha Plantation Program*

### **Progress of 2011:**

During this past year KAMI ventured to undertake its second program. The Jatropha Plantation Program is aiming eventually to replace kerosene with a fuel which a farmer can grow himself. He needs not depend on kerosene, which is an imported by-product of petroleum. **What a great idea!**

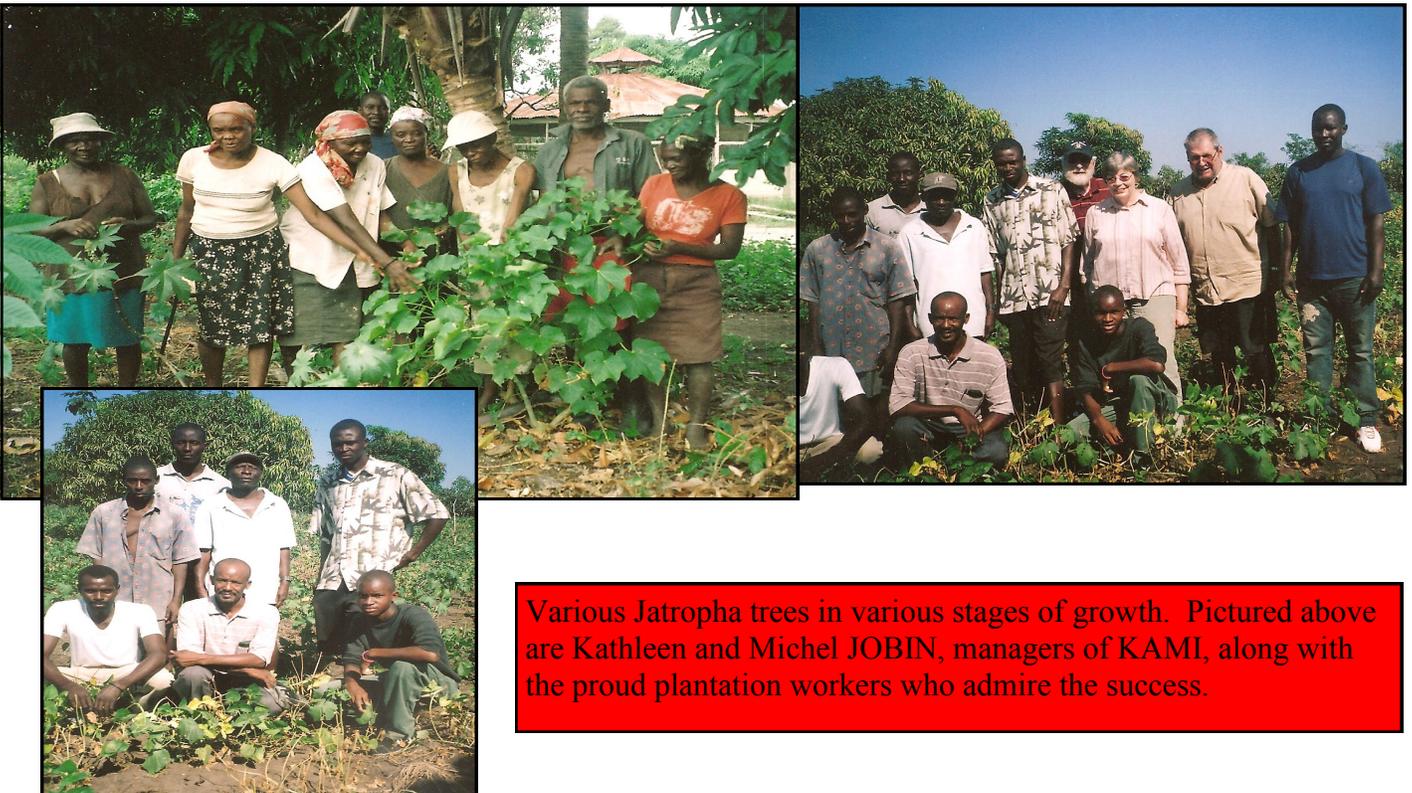
Last April/May we discovered that the KAMI stove can successfully operate with biodiesel from the Jatropha oil, which is thicker in viscosity. After several tests, we found that by replacing the present nozzle on the burner by one with an orifice slightly larger, and by elevating the fuel tank by a few inches the stove functions great. The flame is a perfect blue in colour and boils water as it does with kerosene; 2 litres in 4.5 minutes.

Also during the same time, with the help of three local contracted co-operatives and the technical assistance of KAMI's agriculture technician we planted 2,000 Jatropha nuts in nurseries. These grew inot seedlings and with good care these seedlings became bare root trees which were transplanted in the co-operative fields, along with regular vegetable crops.

When we returned to Haiti last November, we were anxious to visit the three plantations. Some fields were better than others, as to size of the plants, but all the trees looked healthy. The planters were happy and proud of their accomplishments. Some trees, as you will notice in photographs, had reached 4 feet in height.

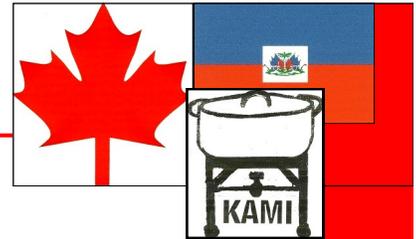
KAMI is very satisfied with the first experience and plans to repeat it during our next trip in March 2012. We have ordered 4,000 seeds from Mexico. The Jatropha Curcas seeds have been especially developed for their larger size, their germination is as high as 80%, and their yield in oil being at 30%, instead of 20% in most other cases. According to the University of Florida, these seeds are presently the best on the world market.

**Note: This program is made possible thanks to the generosity of the S.H.A.R.E. Agriculture Foundation.**



Various Jatropha trees in various stages of growth. Pictured above are Kathleen and Michel JOBIN, managers of KAMI, along with the proud plantation workers who admire the success.

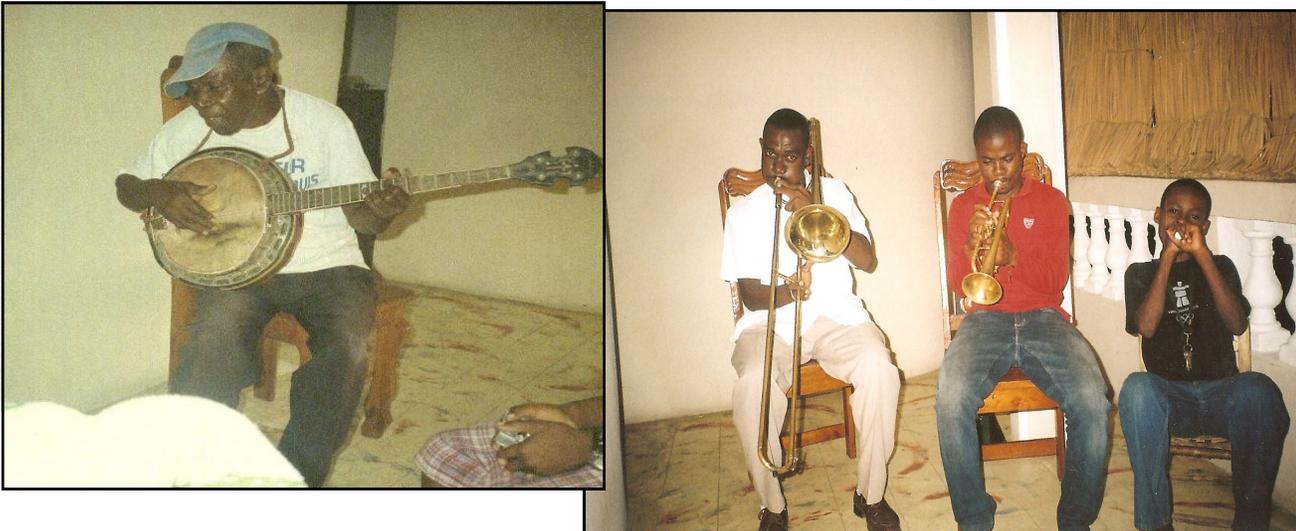
## Awareness Trip to Haiti



KAMI offers our supporters a chance to come to Haiti to see what we are doing and experience the life and culture of Haiti. On our upcoming trip at the end of March, Manfred and Teresa Koch, from Toronto, are returning to Terrier-Rouge with us. Manfred is a professional jazz musician and was impressed with the musical talent of some young Haitians. He will be bringing with him a collection of musical instruments donated in memory of Gerry Laughlin who had been a KAMI supporter. The brass band in Terrier-Rouge will be grateful. George and Laressa Krywiak of Orangeville will also be part of this trip. Last November, Alan Brown, lead bass in our St. Timothy church choir took up the adventure.

Come and see!!

For information, please contact Kathleen at (519) 942-0255



### ***DONATIONS:***

- If your donation is below \$100, please make cheque payable to: KAMI Foundation.
- With a donation of \$100 and over, please make cheques payable to
- **S.H.A.R.E Agriculture Foundation**, with KAMI Foundation in the memo box. An income tax receipt will be mailed to you.
- ALL donations must be mailed to
- KAMI Foundation, 834474 Mono, R.R.1 Orangeville ON L9W 2Y8
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I would like my contribution of \$\_\_\_\_\_ to go towards;

- \$\_\_\_\_\_ the cost of one or more stoves
- \$\_\_\_\_\_ the help KAMI meet present and future expenses i.e. Motorcycle, travel, Jatropha Oil extruder, environmental education etc.