

RÉCHAUDS de BIOMASSE

EKO
AYITI

*the Spirit
of Nature*

PYROLYTIC STOVE

The charcoal network is the main cause of deforestation in Haiti !



*La Selle mountains,
December 2009*



*Camp-Corail, May 2010 -
Charcoal business*



*May, 2010, A cargo of charcoal sailing by a
beach resort near Saint-Marc*

A viable answer to deforestation :

**EKO
AYITI**
gassifier stove

The Eko Ayiti stove is

EFFECTIVE !

**Cooking time for a pot of
rice: just 17 minutes !**

Every generation of stove is
carefully crafted and tested with
traditional cooking recipes.



**Charcoal is
OBSOLETE !**

With the
EKO AYITI stove,
EKO-NOMY of use
is a key word.
Nothing is cheaper
than waste
as a fuel.

Incredible results
can be obtained
with pellets an
buchets as well

The Eko Ayiti stove is **EFFICIENT !**

Pasta? 15 minutes
over dry leaves.

Biomass is almost everywhere.
It's a matter of sorting and drying.
It's FREE fuel !

BIGGEST \$AVING\$!



Examples of fuel :

Dead leaves, straw of rice, cane and corn waste, pine twigs and cones, fruits and vegetable peels, old newspapers and cardboards to name a few ...



The Eko Ayiti stove is versatile. Any dry biomass can be used.

Below a demonstration using sugarcane waste (bagasse).





**Controlled Cooking Test,
Delmas, Haiti, May 13th 2010
by the International Lifeline Fund (ILF)**

RECHTS							AYITI	Perout
Nom	Renette Jean Louis	Darline Michel	Dagnia Cassave	Libane Cassave	Constance Saint Victor	Farah Charles		
Fuel Debut gm	1500 ch	1500 ch	1500 ch	1500 ch	1424 (15 briquettes)	1500gm ch		
Fuel Fin. h	669		366g	826g	0 briquette	524g		
Total Chabon	831		934g	674g	15 briquette	976g		
Temps Debut	10:17	10:19	10:18	10:18	10:19	10:17		
Temps Fin ^{FASE PWA}	11:27	11:30	11:31	11:26	11:17	11:29		
Temps Fin tout _{min}	12:28		12:31	12:27	12:28	12:37		
Temps Cuisson	2:11		2:13	2:12	2:11	2:20		



The Eko Ayiti stove is OUTSTANDING !
Fastest cooking time in the lineup, yet no charcoal used.

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June 5th 2010, International Day of the Environment

Distribution of 40 stoves and 4 000 buchets at Camp Corail, Thomazeau, by :
**Partners of the Americas, Terre des Jeunes
& Eko Ayiti**



June 24, Day of the Tree at Camp Corail

Distribution of 24 stoves and 2 400 buchets. Courtesy of :
Audubon Haïti, PRODEV, Terre des Jeunes et Eko Ayiti



July 2nd 2010, performance test of the Eko Ayiti stove using pellets by the Intl Lifelinefunds (ILF), Delmas



The Eko Ayiti stove is unchallenged with pellets

Its efficiency was formally appreciated by ILF CEO,
Daniel Wolf and Deputy Director, Vahid Jahangiri



July 15th 2010, Eko Ayiti, Thomassin

Comparison testing of the **Eko Ayiti** stove using pine twig bundles.



In preparation for a forest biomass test, dry pine needles were collected and wrapped in bundles.

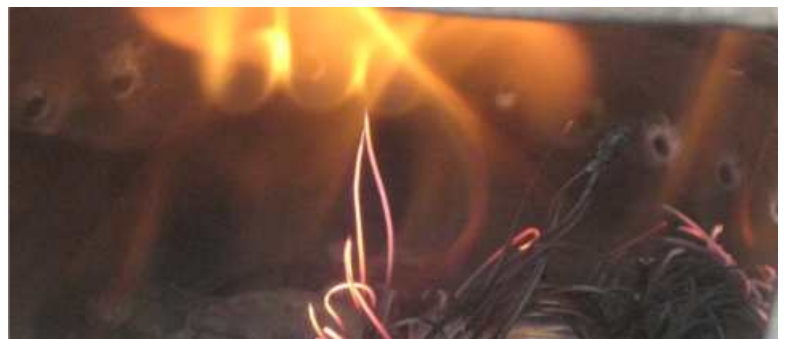
2lbs of pine waste was tested against 2lbs of charcoal in a traditional burner



Once again the flexibility of the Eko Ayiti stove is amazing.

To bring 2L of water to a boil:

- Quicker start up
- Greater energy release
- Shortest boiling time
- Sustaining the local economy with pine needles, saving a tree.



July 16 2010, Parc La Visite, Seguin. Demonstration using pine needles

Participants: Representatives of the Seguin Foundation, the German Cooperation & Terre des Jeunes



During this demonstration, the locals used the pine bundles to boil potatoes.

Pine cones and eucalyptus seeds favored an excellent pyrolysis due to their rich resin



Useful and Accessible !

- This flexible fuel gassifier is conceived for cooking using exclusively organic biomass, far less harmful to the environment than wood charcoal.
- Its versatility and economic advantages (free fuel) make the Eko Ayiti stove a strong alternative to the traditional charcoal stove.



This stove can **CHANGE** Everything !
Once propagated,
MILLIONS of trees will be **SAFE** !



YOUR SUPPORT IS PRECIOUS !

We are working to spread this technology through subventions throughout the nation.

We believe the use of the Eko Ayiti stove can considerably reduce the deforestation.

We welcome all contributions that will help make the Eko Ayiti stove a household name.



Brief presentation of Eko Ayiti

Our mission : protect the environment.

Our primary objectives are:

- Popularize non wood or charcoal combustion technology.
- Provide alternative construction techniques to the commonly used wood supports (coffrage).
- Encourage a social evolution in the poor rural communities through renewable energy projects.
- Organize seminars on new clean and renewable energies
- Contribute to the proper management of our oceans and fresh water networks, and the developement of good agricultural practices.

the environmental sector. He is an advocate of the farmers and Women organizations in the commune of La Gosseline. He is Secretary General of. **Eko Ayiti**.



Nadège Beauvil is an experienced entrepreneur dealing primarily (for over 15 years) in the development projects sector. After working with the Banque Interamericaine de Developpement (BID) in 2005 and 2006, she joined the Executive Director's office of the Association des Industries d'Haiti (ADIH) in December 2007. She is currently completing her Masters in Project Management and has begun

working on projects financed by the USAID. She is a member of the Fondation Voix Essentielles - Women in Democracy, and the Partners of America association/ chapter Haiti/New Jersey. She is a member of the administrative council of **Eko Ayiti**.

Founding members

René Durocher has over 25 years experience in communications. Producer, sculptor, he is also cartoonist and graphic designer by trade. His work includes several documentaries, fiction films, music videos and TV ads. His interests stretch from scuba diving to astronomy. Engaged in the protection of the environment, he is president of **Eko Ayiti**.



Karl Jean Louis is a 14 year veteran in the Conception and complex management of multi-million dollar development projects, primarily in transitioning countries, notably Haiti, Burundi, Rwanda and the Democratic Republic of Congo. He has worked to empower the civil society, promote justice and peace, the fight against corruption, subvention management and support for the local institutions. He's been a consultant and has participated in diverse conferences and training programs in Uganda, Kenya and South Africa. He is a member of the administrative council of **Eko Ayiti**.



Bernard H. Gousse holds a PhD from the University of Aix-Marseille, school of law, in France. He is co-founder and a partner of the Pasquet, Gousse and associates law offices. He has been Minister of Justice to the Haitian government. He has contributed to the implementation of the Conciliation and Arbitration chamber within Haiti's Chamber of Commerce and Industry (CCIH). He is Vice-president of **Eko Ayiti**.

Fritz Dambreville has over 10 years experience in public relations and project management. He has worked in the coordination of disaster recovery services in the aftermath of several Hurricanes in the state of Florida. He recently served as Charge de Mission to the Electoral council, supervising logistics and operations for the 2009 senatorial elections in Haiti. He is devoted to his country's social wellbeing and the protection of the environment. He is a member of the administrative council of **Eko Ayiti**.



Ronald Brisa is a young entrepreneur with more than 12 years experience in sales, logistics and marketing. He has contributed as assistant director on several documentaries on the environment. He provides training and technical assistance to various organizations in



**A common ambition:
Help reforest Haiti !**



Our decentralized production system allows us to deliver the most demanding orders in record time..

We provide on site seminars to popularize this technology and the use of locally available combustion materials.

Contact us for a demonstration or quote :

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