



Public Private Alliance Foundation



Sustainable Cooking Fuel for Haiti

Teamwork to Replace Dependence on Charcoal

A presentation to the United Nations Staff Recreation Club “Aux Antilles”

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David Stillman, PhD
Executive Director, PPAF

Rose Bazile, MSN
Consultant, UNDH-Hinche



Teamwork – A consortium of organizations



PPAF & colleagues aim to improve lives, health & the environment with clean cookstoves.

How?

- **Awareness** of new technology to solve environmental, health and economic problems
- **Education** on use and manufacture of solar cookers and biodigesters for biogas and garden fertilizer
- **Community engagement** in using these innovations to decrease health and environmental damage and create sustainability

Our vision –

- * Widespread use of solar cookers , biodigesters & other improved ways to cook
- * Reduced dependence on charcoal for cooking
- * A green Haiti with food security

Our focus --

- * Hinche Université Notre Dame d’Haiti
- * Port au Prince Haiti Adolescent Girls Network
- * Cotes de Fer Community members
- * Jacmel Community outreach
- * New York, etc. Advocacy & promotion

Now at UNDH-Hinche - The first known Haitian college course on solar and biogas cooking



How did this happen???

- **Nov. 2017** - Vice-Rector requested a short course on solar & biogas to interested students, and to build a biodigester.
- **Spring 2018** – A student committee formed & explored what the new technology could do, including at weekend lunches.
- **June 2018** – This student group led the annual “Science Day.” Our team sent speakers & support. Some 400 people attended.
- **August – Sept. 2018** – Teamwork to prepare a proposal, course syllabus, reference materials & line up expert speakers.
- **Oct. 2018 to present** – UNDH personnel lead the teaching, 20 students are enrolled, PPAF provides external funds, Rose Bazile & Kathy Puffer (Solar CITIES Biogas) coordinate solar & biogas course, & other team members give support.

The Vice-Rector, student committee members, and visiting team members on “Science Day.”



Several solar cookers are installed at UNDH-Hinche



Teaching biodigester construction on campus



UNDH student feeding and caring for a biodigester



Collecting biogas for cooking



Stoves can be home-made or store-bought



Students learning to cook with biogas & solar power.



Biodigester effluent fertilizes a garden on campus.



Port au Prince - Working with the Haiti Adolescent Girls Network (HAGN) Executive Director



Teaching about solar ovens at HAGN



Solar ovens are to help girls sell snacks in the market.



Cotes de Fer – Demonstration with free fuel from the sun



Cotes de Fer – A biodigester for kitchen & garden



The biogas flame burns bright and hot.



Biodigester effluent is a great fertilizer



Cotes de Fer - Starting a biodigester maintenance & repair service



Jacmel – Tasting the results of a solar oven demo.



Jacmel – At the Art Creation Foundation for Children



Jacmel – New work coming with ACFFC

PPAF is planning for support to augment the ACFFC Young Entrepreneurs after-school program in –

- * Cooking and baking
- * Sewing, including heat-retention bags for cook pots
- * Photography.

Other members of our consortium are being invited to join in.



Jacmel – New options for ethanol cookstoves



Advocacy in NYC – PPAF & Solar Cookers International booth at the 2018 UN High-Level Political Forum



Speaking at the 2018 UN DPI/NGO Annual Conference – Girls, human rights & cookstoves



Promotion event for our Haiti programs at Resource Furniture - NYC, 2018



Participants at the 2018 NYC promotion event



Project to support our work, on the GlobalGiving site –
www.globalgiving.org/projects/tracking-clean-cookstoves-and-fuel-in-haiti/



Summary - The Public-Private Alliance Foundation (PPAF) is building evidence to increase impact of innovations for clean cooking in Haiti. Most families endure a poverty-respiratory disease-deforestation trap of dependence on charcoal for cooking.

PPAF & other organizations are conducting R&D to improve lives & livelihoods for dozens of women & girls, at several sites, through solar, biogas & ethanol fuel & cookstoves & related small business. Your support helps PPAF to engage and track & promote this!

**In Haiti, the face of the future welcomes
the benefits of clean cooking!**



Join us!



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David Stillman PhD
Executive Director, PPAF

C: 914-924-0108

ppafoundation@gmail.com

www.ppafoundation.org

Rose Bazile MSN
Consultant, UNDH-Hinche

C: 718-753-1820

rosebazile00@gmail.com