



SUN BUCKETS



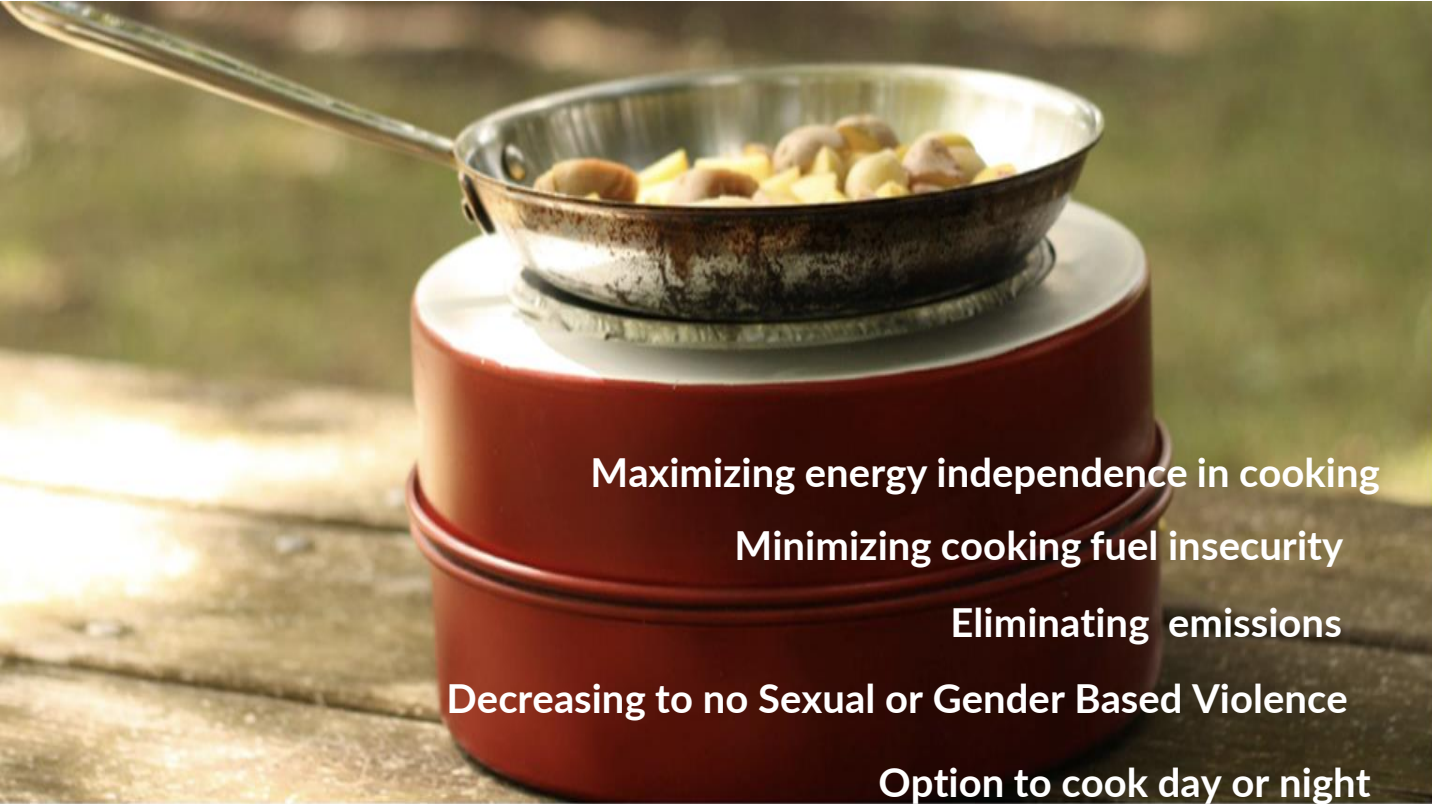
# Introducing The Sun Bucket

1 **CHARGE**  
ON PARABOLIC DISH

2 **STORE**  
WITH INSULATED LID

3 **COOK**  
LIKE USUAL





Maximizing energy independence in cooking

Minimizing cooking fuel insecurity

Eliminating emissions

Decreasing to no Sexual or Gender Based Violence

Option to cook day or night

# Impact – Kakuma Refugee Camp 2019 - 2021

- 50% decrease in gender violence
- 30% decrease in biomass consumption
- Decrease in hospital visits due to Upper Respiratory Tract infections



# SUNBUCKETS PILOT PROJECT IN HAITI

## HAITIAN RESOURCE DEVELOPMENT FOUNDATION Willingness, Know-How, Resources

Weston, Florida, Port-au-Prince and Aquin, Haiti  
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The Haitian Resource Development Foundation <[hrdf.org](http://hrdf.org)>, is a 501(c)3 non-profit organization established in 1987. It has US Tax No. 72-1074482 and is also registered with the Government of Haiti as a non-profit, No. MPCEFP/1993/94/17, and with the Ministry of Planning and External Cooperation as No. B-0167. HRDF's mission is to initiate and support projects that develop Haiti's resources through programs in the fields of health care, education, scientific research, arts and culture and economy.

***“From the mountains to the sea, from charity to development”***





SOLAR RESOURCE MAP

## DIRECT NORMAL IRRADIATION

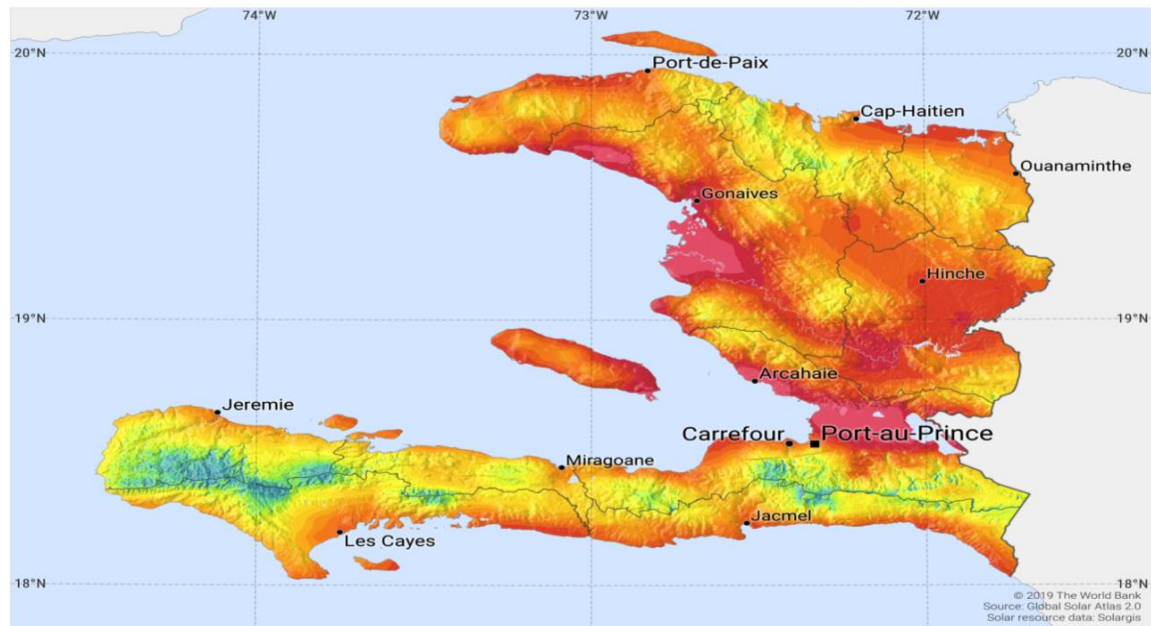
### HAITI



WORLD BANK GROUP

ESMAP

SOLARGIS



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How can Rotary Clubs  
become involved ?

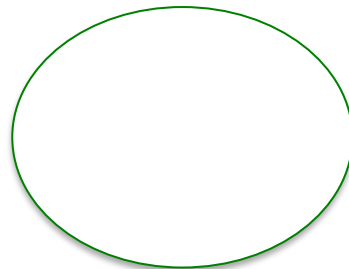
# COLLABORATIVE MODEL



Clubs in Developed  
Countries  
provide funding for Small  
Pilot Study



SUN BUCKETS



## SMALL PILOT STUDY

- Local Rotary Clubs in Developing Countries
- \$6500 USD

## LARGE SCALE PILOT PROJECT

- 2 years with full reports and distribution
- SUNBUCKETS plus investor (eg Govt., World Bank)
- \$350,000 USD
- Pay as You Go



# COSTS - HAITI

- Flight for 2 technicians to US, training, hotel and food : donated in kind by SUNBUCKETS and HRDF
- 7 SUNBUCKETS @ \$735 USD each = \$5145 USD
- **DG request :**
- **\$1,000 USD Grant + \$2,000 USD RCLHP**

# Thank you.



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