

SOLUTION SOLEIL

POWERING THE PATH TO SUSTAINABILITY



Meds &
Food For
Kids



DEAR FRIENDS,

Malnutrition is devastating. Not only does it rob children of what they need to grow and thrive in the moment, its effects can last a lifetime and ultimately be felt in a community for generations, as children struggle to learn and grow to be healthy, productive adults.

Faced with millions of malnourished children around the globe, one can become discouraged. But seeing the difference that proper nutrition can make in the life of one child, one school, one community or one country makes our efforts worthwhile.

I founded Meds & Food for Kids in 2003 after 15 years of volunteering to provide medical services to sick children in Haiti. These children were sick because they were malnourished, and it was the introduction of Ready-to-Use Therapeutic Food (RUTF) that made all the difference. We not only distribute our RUTF, Medika Mamba, to the most vulnerable children in Haiti, but also provide formal employment opportunities to 66 Haitians through local production at our factory in Cap-Haitien, and engage smallholder farmers in local procurement of peanuts. Our plan to address malnutrition through its root cause, poverty, means we are saving lives and strengthening entire communities.

In 2018, we invested in additional machinery and quadrupled our capacity to produce RUTF for Haiti and our partners around the globe. A combination of factors, including the increased demand on our current electrical system, frequent diesel shortages and frequent road blockages pose constant risks to our ability to operate at capacity and meet demand in a reliable way.

We believe that solar power is the best solution to sustain and increase production, while also doing our part to address climate change. We are seeking \$1.5 million to invest in the technology we need, ensure we can produce Medika Mamba reliably and sustainably, and to continue to transform lives in Haiti and around the world.

We appreciate your interest and support. Together, we can build the foundation of a healthier future.



Patricia B. Wolff, MD
Founder & Senior Advisor



HAITI

While Haiti has made much progress in the past decade, ongoing and new challenges create setbacks and contribute to continued economic instability and food insecurity.

CHALLENGING CONDITIONS

In the best of times, Haiti is a country with significant deforestation, antiquated agricultural practices, poor infrastructure, limited natural resources and a dysfunctional government.

The literacy rate is only 61%, average educational attainment is three grades, and there is only a \$13 per capita budget for government health spending.

AGGRAVATING FACTORS

In the worst of times, Haiti is subject to hurricanes, earthquakes and civil unrest that exacerbate its underlying problems and contribute to food insecurity. The current pandemic and resulting economic crisis have hit hard, while climate change is expected to create more extreme weather events.

NEW THREATS

Over the last decade, education and health outcomes have improved, more children are vaccinated, and employment is on the rise. While malnutrition had declined by 40% in the last 25 years, estimates from the Haitian Ministry of Health and Population (MSPP) report an increase of 30% in the past two years due to civil unrest and the onset of the COVID-19 pandemic.



OUR FACTORY

Despite challenging conditions, Meds & Food for Kids continues to operate its factory to respond to the urgent nutritional needs of many Haitians. In 2018, MFK installed new machinery to quadruple capacity, lower costs, and gain a greater share of the global RUTF market.

Unfortunately, energy-related issues continue to disrupt our production and our progress. We have been challenged by diesel fuel shortages causing several shutdowns over the last 18 months including a 13-day factory shutdown and a four-month partial shutdown

LOST TREATMENTS & BUSINESS DUE TO SHUTDOWNS

September to December 2019

23,000

Children not treated with Medika Mamba/Plumpy'Nut in Haiti and globally via UNICEF

26,000

Anemic school children not supplemented with Vita Mamba school snack in Haiti

This winter, we will urgently install a new generator, transformer and electrical panel that will enable us to operate our new equipment at 100% capacity. Our operations continue to be at risk, however, while we are dependent on diesel fuel subsidized by the Haitian government and distributed on roads that are often closed by civil disturbances. We know we must find a more reliable energy source to sustain our efforts and ensure children get the nutrition they need and deserve.



The SOLAR SOLUTION

With your help, MFK will reduce its factory's dependence on the unreliable utilities and fuel delivery systems in northern Haiti. In consultation with energy experts, MFK has embraced solar power as the solution for future sustainability. MFK's factory is well positioned with an abundance of natural sunlight that can be harnessed for solar energy use.

PHASE	DESCRIPTION	OUTCOME
CURRENT SITUATION	New generator, transformer and panel installed	<ul style="list-style-type: none"> - Solves current power shortage, but only when diesel is available - Does not provide efficient solution for nights and weekends - Does not address health & environment
WITH SOLAR INSTALLATION	Lithium batteries, solar panels and frames, tie-ins, with generators, installation on ground and electrical connections	<ul style="list-style-type: none"> - Provides 70% of energy needed - Reduces diesel costs and risk of shortage - Extends life of generators - Decreases pollution and noise - Solves night and weekend power needs - Optimum solar capacity with generator back up

WINTER 2020

Capital campaign
commences

SUMMER 2021

Design begins

SUMMER 2022

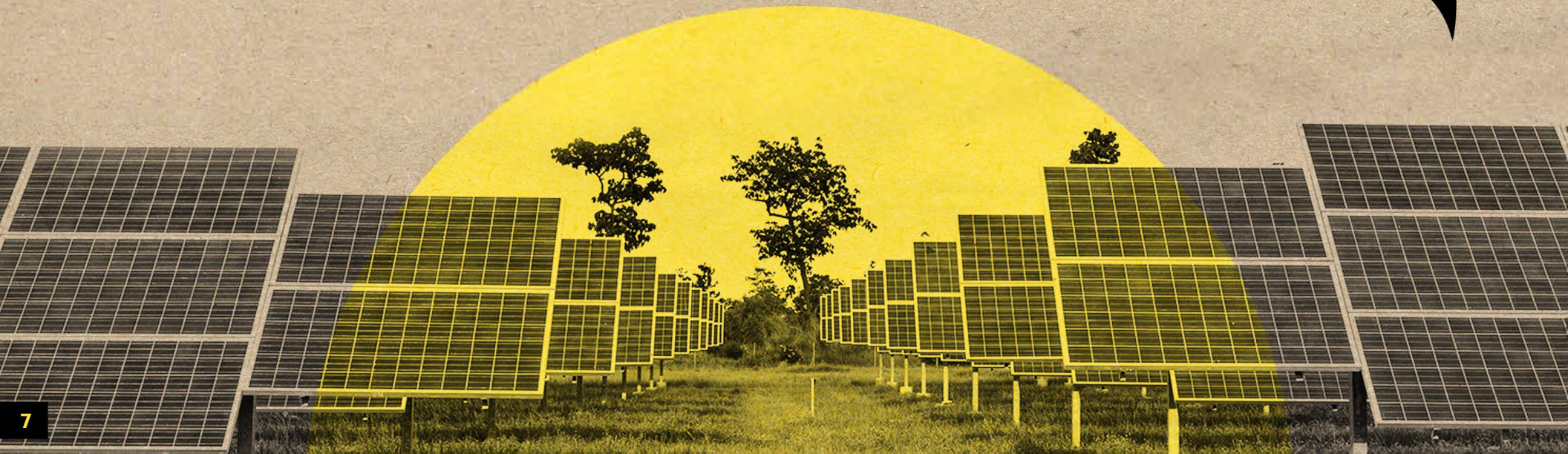
Installation begins

THE CONVERSION TO SOLAR POWER WILL ENABLE MFK TO:

- Prevent disruptions of production by limiting dependence on diesel
- Operate at capacity and meet the need for its nutritional products
- Solidify reputation as a dependable supplier to humanitarian organizations
- Reduce its carbon footprint and reduce air pollution
- Save money on fuel and maintenance of its generators
- Invest more in its mission, improve health outcomes, and save more lives

We Need You

Powering the path to sustainability with our solar energy plan can only become a reality with the commitment of our donors and friends. Your investment will help strengthen and sustain our operations long-term. It will save and transform more lives by nourishing vulnerable children and mothers, providing good jobs, working with farmers, and researching better seeds, products, and treatments. You are an important partner in this work, and your support is critical.





Meds &
Food For
Kids

Meds & Food for Kids (MFK) is a 501(c)3 not-for-profit organization in St. Louis, Missouri, USA and a registered Non-Governmental Organization in Cap-Haitien, Haiti. It was established in 2003 to save the lives of Haiti's malnourished children and other nutritionally vulnerable populations. Our mission is to produce and distribute nutritious, energy-dense foods that we make in Haiti, with Haitian labor, and whenever possible, with Haitian agricultural products and other raw materials. By transferring skills and knowledge to our Haitian workers and engaging farmers to source local raw materials, we break the cycle of poverty and sustainably stimulate economic development.

Meds & Food for Kids
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