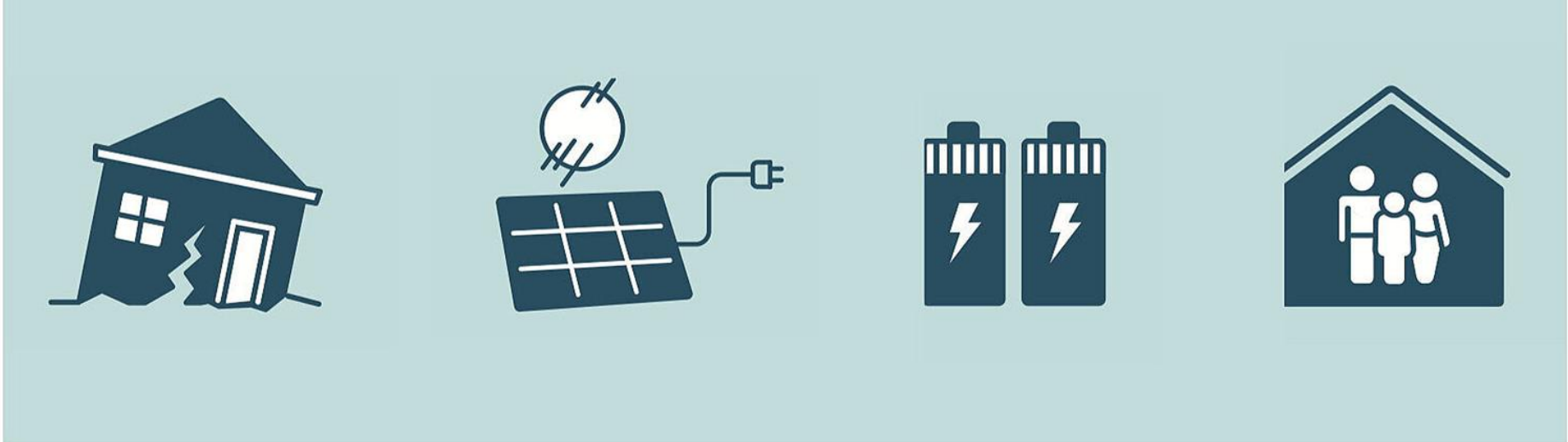




footprintproject.org™

Respond Cleaner, #BuildBackGreener

Our mission is to
build back greener after disasters,



by mobilizing
cleaner energy to communities in crisis.

PROBLEM

Disaster teams struggle to deliver clean energy to climate emergencies.



HURRICANE MARIA 2017

SOLUTION

We mobilize solar + batteries to power first response and early recovery.



PUERTO RICO EARTHQUAKE 2020

HOW WE WORK



EMERGENCY RESPONSE Grid is Down

Mobilize every available solar generator asset we know of in the region, help responders plug in.



EARLY RECOVERY Grid is Returning

Decommission damaged solar installations to recover functional solar panels, keeping them out of landfills.



LONG-TERM RESILIENCE Grid is Back

Build turn-key solar generators with second life equipment, and train locals on deployment!

IMPACT TO DATE

45+ kW of mobile solar
170+ kWh of mobile battery storage
10+ disaster response and recovery missions

14,000+ survivors provided with emergency clean power access



Puerto Rico Earthquakes



Tennessee Tornadoes



COVID-19 Field Hospital



Minneapolis Unrest



Iowa Windstorms



California Wildfires

2020 HIGHLIGHTS

Puerto Rico Earthquake January-April 2020

10 mobile solar
stations set up

10,000+ survivors
received direct access
to emergency solar
recharging

2 tent encampments
powered

First deployments of
“outside” partner
equipment



“Footprint provided an essential service after the earthquakes, allowing survivors to connect with their families, recharge their devices, and store food and medicine, all via mobile solar energy.

The disaster response industry needs more of this - practical innovations that reduce suffering while kick-starting regenerative recovery.”

Gilberto Guevara,
Response
Innovation Lab



“In the midst of our homes crumbling around us, Footprint gave us a sense of normalcy, all while living in tents on the side of a highway...

From the bottom of my heart, and the hundreds of families that benefited from these amazing angels...

Thank you for being our light during that dark time of our lives.”

Jackie,
PR Earthquake
Survivor





2020 HIGHLIGHTS

Tennessee Tornadoes March-May 2020

3 solar trailers
deployed

1400+ survivors
received direct access
to emergency solar
recharging

2 donation centers
powered



"Footprint Project provided an invaluable resource at a time when families were trying to connect via their cell phones with little or no electrical power or access to the affected area."

Tim Boyd, District 8
Hamilton County
Commissioner,
Chattanooga,
Tennessee



“Footprint Project has a really interesting disaster response mission using second life solar panels and batteries to deploy mobile solar stations after disasters.

It was an incredible asset at a critical time for our tornado recovery efforts.”

Ryan K. Stanton
Tennessee Department
of Environment &
Conservation

2020 HIGHLIGHTS

COVID-19 Solar Clinic April-June 2020

1 solar trailer and 1
solar shelter deployed

Powered 30-bed
isolation and treatment
center

Served 2,000+ asylum
seekers on the US /
Mexico border

First live medical center
microgrid deployment



“Footprint deployed with us as our sustainable energy partner, bringing the equipment and expertise to power our COVID-19 response with mobile solar...”



“... As far as we know, this was the first solar-powered COVID-19 field hospital in the world.

We would have been working in the dark without them.”

Blake Davis
Operations Lead
Global Response
Management





2020 HIGHLIGHTS

**Minneapolis Justice
June-July 2020**

1 solar trailer, 1 solar shelter and 1 portable solar generator deployed

2 medical first aid stations powered

500+ displaced citizens directly plugged in

Clean energy served 2,000+ citizens



“Footprint directly powered our stage and donation drop site in the aftermath of George Floyd’s murder, all with a solar generator.

They dropped it off and taught us how to plug in, then made sure we had the on-site power support we needed to coordinate emergency shelter, distribute food, and hold community justice workshops...”



“...This is what empowerment looks like.”

Cornell Griffin
Community
Organizer

Voices from the
Ashes

2020 HIGHLIGHTS

California Wildfires + Outages Sep-Nov 2020

2 solar trailers deployed

First successful
“building back-up” –
solar trailer supported
emergency shelter via
manual transfer switch

1 emergency
communications trailer
“solarized”



“Footprint is one of the only organizations that has responded to our power outages with practical solutions and a community-focused approach.

Thank you for working with us to build grassroots resilience.”

Barklee Sanders,
Treasure Island
Citizens Advisory
Board



**“These assets
should be available
for all responders.”**

**Richard Birt, Las
Vegas Fire Captain**

**CalFire Training
San Diego, CA**



THANK YOU TO ALL OUR 2020 PARTNERS

Field Responders



Hardware Heroes



Core Mission Support



Arcadia



CASTLELAKE



The Acacia Foundation

LESSONS FROM 2020

THE NEED FOR OUR SERVICE IS CLEAR, URGENT AND GROWING

2020 was busy, 2021 will be busier, and climate disasters are just getting started. The grid and generators are leaving folks behind. We help them catch up.

MOBILE HUB-AND-SPOKE SOLAR WORKS

Portable solar generators can be stored in solar trailers and rapidly distributed to power life-saving communication, lighting, medical, refrigeration, and water needs.

INTERNAL CAPACITY IS OUR BIGGEST GAP

Puerto Rico and Tennessee proved we need staff to back up our volunteers in the field. We're deploying high-tech, mobile microgrid power systems into complex environments.

2021 STRATEGIC PLAN

BUILD THE TEAM

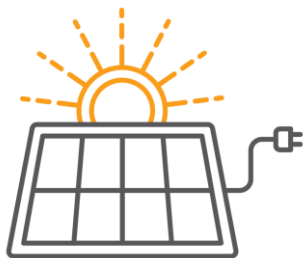


From 2 part-time personnel to 3 full-time staff

Invest in strengthening internal capacity

BETTER SUPPORT OUR VOLUNTEERS

GROW THE FLEET



From 20 to 100 mobile solar systems

Improve our system database and management process

MOBILIZE MORE SOLAR DURING OUTAGES

TRAIN THE MOVEMENT



From 50 to 500 community responders

Increase resilient energy awareness before the outage

MAKE RESPONDERS COMFORTABLE PLUGGING IN



REGIONAL HUBS

- Minneapolis
- San Juan
- Nashville
- Atlanta
- Tampa
- Phoenix
- Los Angeles
- Oakland

FINANCIAL SUMMARY

(Unaudited)

	2019	2020 To Date	2021 Goal
Income	\$ 109,838	\$ 333,695	\$ 498,471
Donations	\$ 37,754	\$ 93,958	\$ 170,092
Grants	\$ 24,544	\$ 101,000	\$ 165,287
Earned Revenue	\$ 47,540	\$ 101,437	\$ 163,092
Loan	\$ -	\$ 37,300	\$ -
Expenses	\$ 131,186	\$ 293,404	\$ 461,155
Programs	\$ 128,536	\$ 267,631	\$ 410,453
Management & General	\$ 2,225	\$ 21,149	\$ 45,250
Fundraising	\$ 425	\$ 4,623	\$ 5,452

SUPPORT OUR WORK



\$10

Deploy one solar generator to a disaster power outage for a day. Serves 50-100 people.

\$50

Train one first responder how to “plug in” to mobile solar. Force multiplier!

\$100

Donate one portable power pack to a medically-vulnerable family.

\$500

Train ten first responders how to triage their energy needs during an outage. Force multiplier!

SUPPORT OUR WORK



\$1,000

Send one solar trailer to a disaster power outage for a week. Serves 100-1000 people.

\$10,000

Assemble three portable solar generators for front-line community responders.

\$25,000

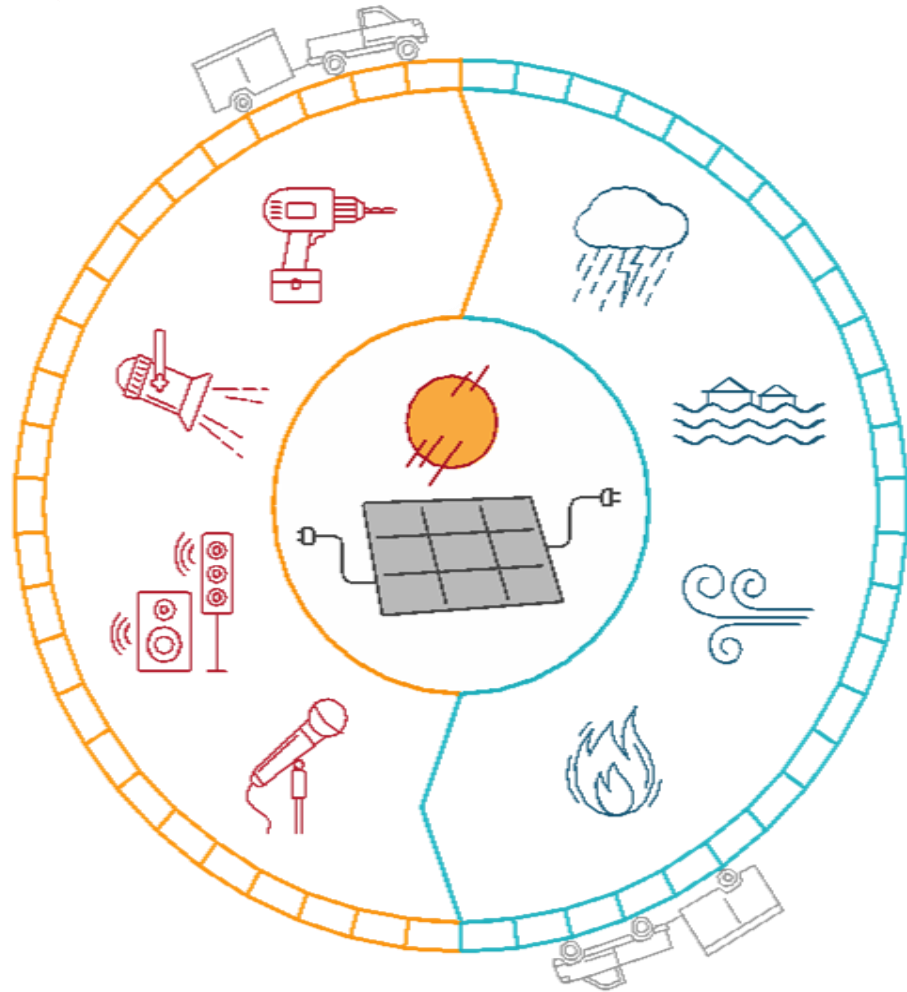
Hire one “Mobile Solar Dispatcher” to improve our outage response time.

\$50,000

Build one mobile solar microgrid for direct, community-accessible clean energy.

To scale our mission, we
rent our equipment!

www.rent-solar.com



SUNBASE™



Light Duty
2kW Solar PV
4kW Inverter
10kWh LFP Storage



Medium Duty
4kW Solar PV
8kW Inverter
20kWh LFP Storage



Heavy Duty
6kW Solar PV
12kW Inverter
32kWh LFP Storage

SUSTAINABLE POWER FOR



Communications, Lighting, Medical, Refrigeration, (Re)Construction

HOW DOES MOBILE SOLAR COMPARE?

Resilient Energy Options	Upfront Cost / kWh	Long-Term Cost / kWh	Deployable / Rentable	Green Job Creation	Educational Tool
Fossil Fuel Generator	\$	\$\$\$	Yes	No	No
Stationary Solar + Batteries	\$\$	\$\$	No	Yes	Sometimes
Mobile Solar + Batteries	\$\$\$	\$\$	Yes	Yes	Definitely!

We are seeking

CORE FLEET PARTNERS

to expand our network of mobile solar infrastructure.

OWNERS

Partner buys X number of SunBase units

We rent them back when available

Discounted purchase price

Guaranteed maintenance on units

Rent-out revenue share

RENTERS

Partner rents X number of SunBase units

6 months / year, pre-set calendar

Discounted rental price

Guaranteed access to units

Rental revenue supports local jobs

SOCIAL BENEFITS

Response Flexibility

Back up permanent infrastructure, or rapidly set up remote resilience hubs.

Training and Education

SunBase units are ideal tools to build resilience in communities.

Labor Force Development

SunBase maintenance requires skilled, local labor in a growing industry.



Nashville Tennessee, March 2020
24hrs after tornado touch-down



**HELP US GROW THE FLEET OF COMMUNITY MOBILE SOLAR
FOR DISASTER RESILIENCE**

JOIN US

info@footprintproject.org



Office of Emergency Management, Vieques, PR
February 2020