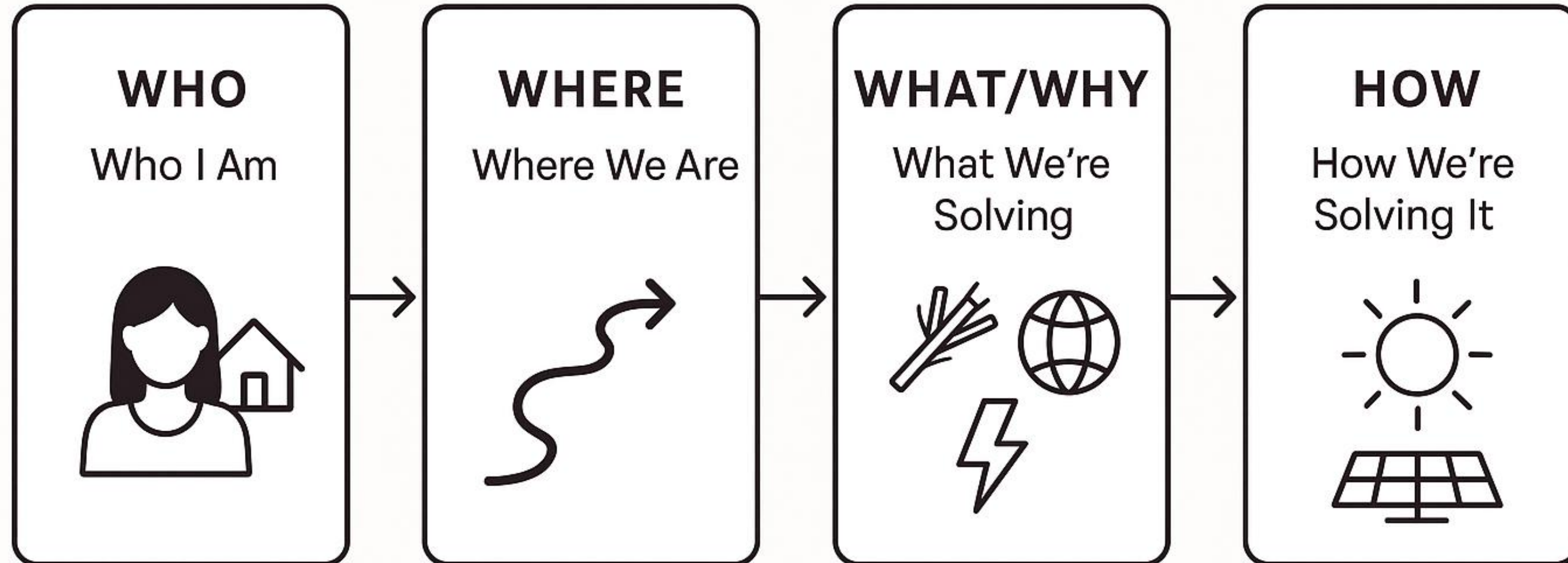


Rural Power Solutions CC

Tackling Energy poverty

By: Cecilia Naule
Founder

Presentation flow



WHO am I?

- Grew up in a village in northern Namibia
- Holds an honors degree in Physics
 - Founded Rural Power Solutions after graduating in 2021
- Now pursuing a Master degree in Renewable Energy
 - Research focusing on heat storage systems for solar cooking

Windhoek



JOURNEY... 2023

2

Republikein Sun Allgemeine Zeitung

Career Hub

FRIDAY 4 AUGUST

SANLAM BRIDGE WINNERS



»» Providing a variety of solar cooking products

Turning up the heat

Cecilia Naule founded Rural Power Solutions CC, a solar cooking company, with the goal of providing clean, affordable and efficient cooking solutions to households with limited access to electricity.

RITA KAKELO

For more than two billion people, primarily rural households in developing nations, wood and charcoal are the primary sources of energy for cooking and heating. Rural populations in Namibia rely heavily on forest resources, particularly through community forestry, to enhance their livelihoods.

Collecting wood for fuel in rural areas has the potential to contribute to deforestation and forest degradation; however, the extent to which this occurs is dependent on the source of supply and demand, the nature of fuelwood and charcoal markets, and household behaviour (Arnold et al., 2003b). As a result of the rising scarcity of wood experienced by rural communities, Cecilia Naule identified a gap, responded quickly, and capitalised. "Our solar cooking company, Rural Power Solutions CC, was founded in 2021 with the goal of providing clean, affordable, and efficient cooking solutions to households with limited access to electricity," Naule said.

The company she founded provides a variety of solar cooking products that are designed to meet a variety of cooking needs and budgets, with products that use solar technologies to harness sunlight and convert it into heat energy, allowing households to cook their food without relying on traditional fuels such as firewood, gas or electricity.

Namibia's solar power potential is vast, with an average of 300 days of sunshine each year. It has enormous potential for solar energy, yet 60% of the country's energy is imported from neighbouring countries, and 40% of its population is disconnected from the grid.

"The most distinctive aspect of our business is the way we address a critical issue confronting rural communities - cooking energy poverty," Naule underlined.

"We not only contribute to environmental sustainability by providing solar cooking solutions, but we also directly enhance people's lives by improving their health, saving them time, and lowering their cooking fuel prices," she added.

Assisting those in need

Naule is one of the top-five Sanlam Bridge 2023 winners, one of the young Namibians with innovative businesses who have proven remarkable potential.

"The overreliance on wood for cooking, which affects 49% of Namibians, with 86% of them living in rural regions, emphasises the importance of tackling the issue of cooking energy poverty. To address this issue, government incentives and collaborations with renewable energy entrepreneurs can play a critical role in hastening the transition to sustainable and clean cooking practices, thereby helping the well-being and livelihoods of isolated people," Naule said.

Providing energy

She has an honours degree in physics and is currently pursuing a master's degree in renewable energy with a focus on solar technologies.

This educational background has provided her with the skills and expertise to lead and develop in the field of renewable energy, she explained.



Solar cooking device



Cecilia Naule

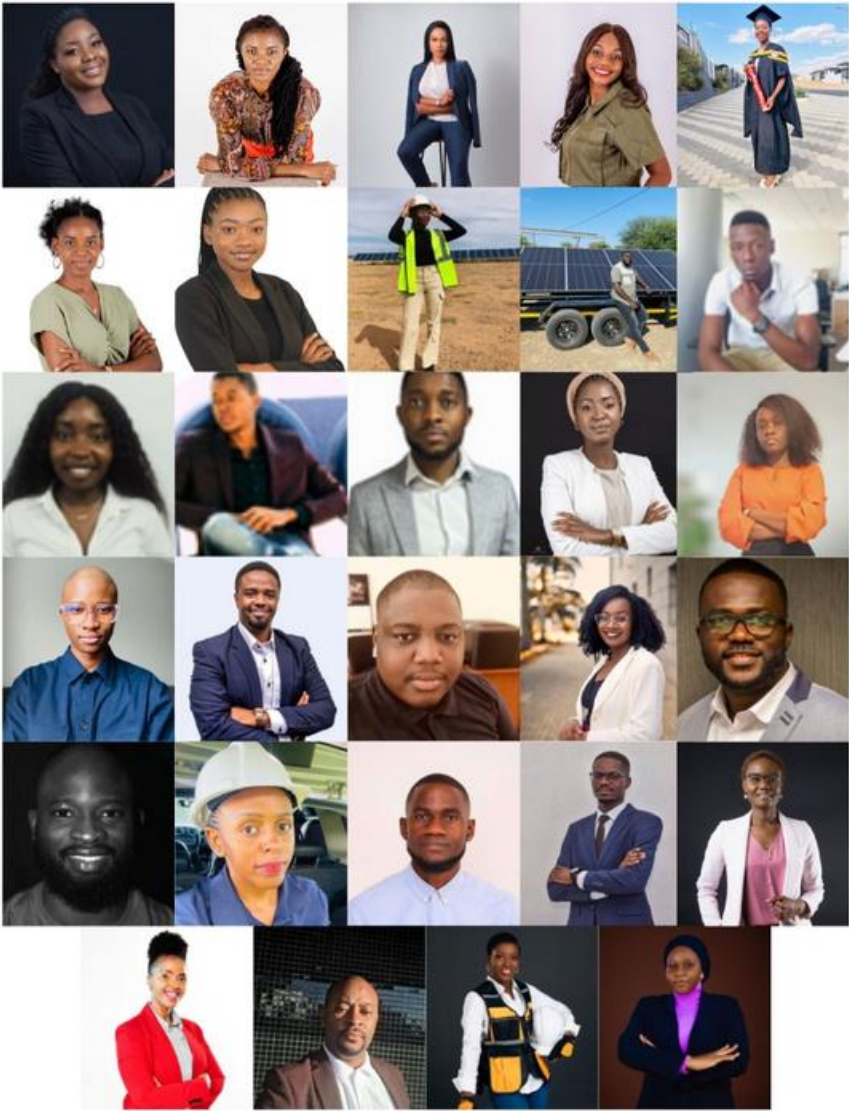


JOURNEY... 202 4







2024 CHANGEMAKERS




JOURNEY... 2025




THE TONY ELUMELU FOUNDATION




Apply for **\$5000** funding



THE TONY ELUMELU FOUNDATION





Report overview (3/3)

1,104 Selected Applicants from 53 African Countries

Country	Selected	Country	Selected
Algeria	1	Liberia	2
Angola	5	Madagascar	2
Benin	109	Malawi	29
Botswana	15	Mali	5
Burkina Faso	3	Mauritania	1
Burundi	2	Mauritius	1
Cabo Verde	8	Morocco	1
Cameroon	16	Mozambique	21
Central African Republic	4	Namibia	3
Chad	2	Niger	1
Comoros	1	Nigeria	590
Congo Brazzaville	3	Rwanda	25
Democratic Republic of the Congo	13	Sao Tome and Principe	2
Djibouti	3	Senegal	3
Egypt	1	Seychelles	1
Equatorial Guinea	3	Sierra Leone	9
Eritrea	2	Somalia	1
Eswatini	3	South Africa	22
Ethiopia	1	South Sudan	1
Gabon	2	Sudan	1
Gambia	4	Tanzania	30
Ghana	27	Togo	2
Guinea	3	Tunisia	1
Guinea-Bissau	2	Uganda	27
Ivory Coast	2	Zambia	35
Kenya	37	Zimbabwe	14
Lesotho	2		

1,104 Selected

TEF Business Plan Review - 2024

EY Parthenon

EXCITING

COLLABORATION

ALERT !!



Rural Power Solutions
TACKLING ENERGY POVERTY



SOLAR BROTHER



Bringing Innovative solar solutions to off-grid communities!

Expanding our solar-powered product range!

Together, we make solar energy more accessible!

JOURNEY... 202
5



JOURNEY... 202
5



JOURNEY... 202
5





WHAT/WHY - The problem 1



According to
2023 census
report

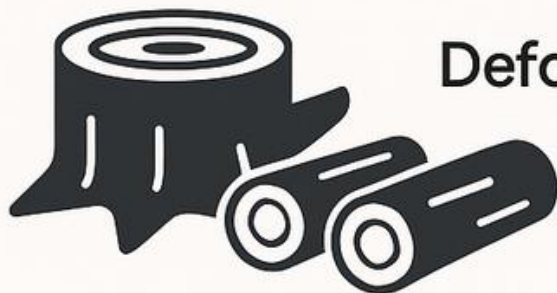
50%

Namibian
households
use wood to cook



85%

of these
households
are in rural areas



Deforestation risen

Wood scarce



**Cooking with Palm fruit kennels
- Onesi, Omusati region**

**ELECTRICITY PRICES
ON THE RISE IN NAMBIA**

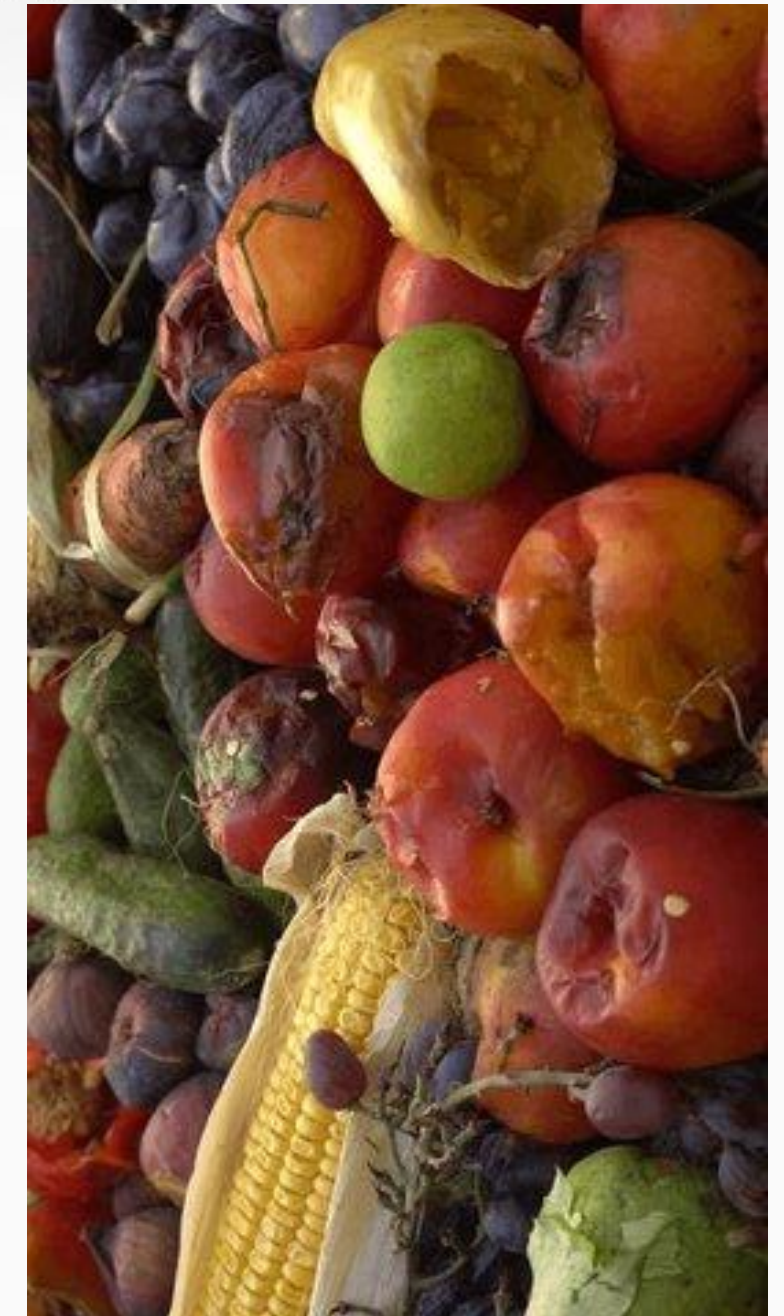


N\$100 WILL
NOW ONLY GET
YOU ABOUT

UNITS OF **38** ⚡
ELECTRICITY

The problem 2

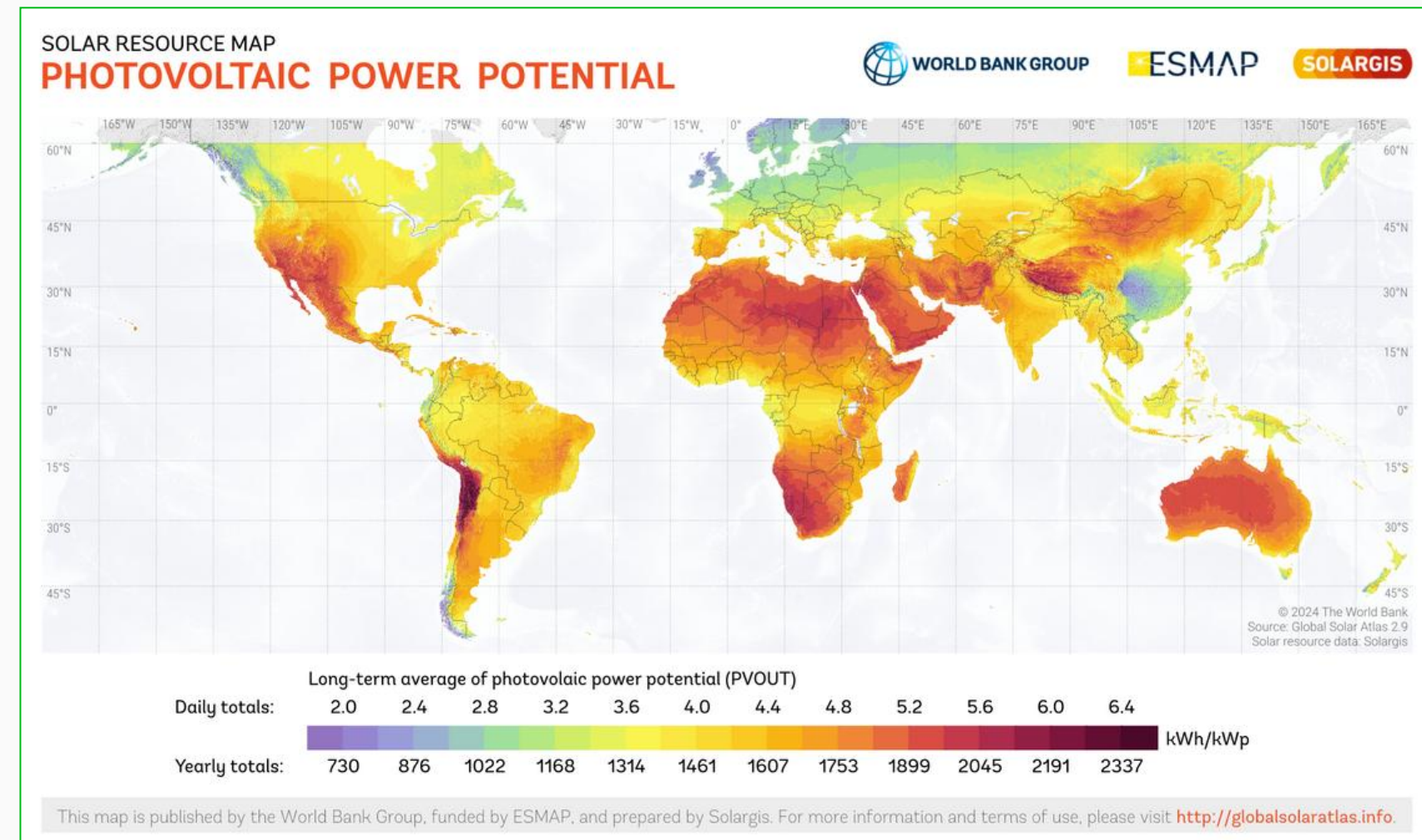
- Climate Change
 - Temperatures can reach up to 40°C
- Farmers/vendors forced to sell quick and at very low prices



| HOW - The solutions

Product ranges:

- Solar cookers
- Solar dryers
- Solar lighters
- Solar chargers
- Outdoor merchandises



Mission: To empower offgrid communities with accessible, sustainable, and affordable solar-powered alternatives to traditional methods.

SOLAR COOKERS

All cooking types



2-8 people



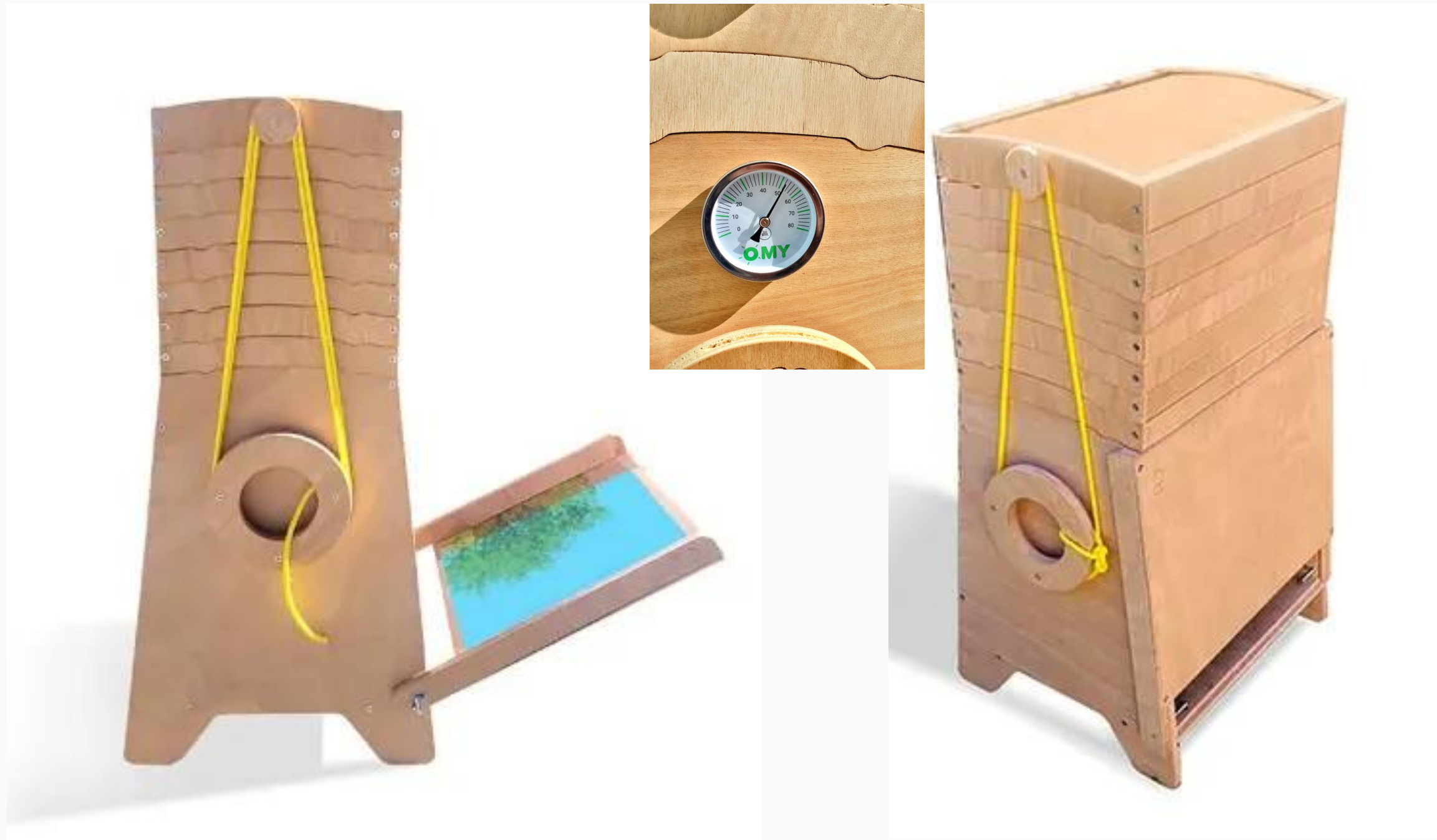
Up to 10 people



Up to 50 people



SOLAR DRYERS



OPPORTUNITIES FOR YOUTH

Mentorships

- Basecamp Incubation Centre
- CC Hub Namibia
- NCRST
 - National Innovation challenge for Women
 - Participated (2021 & 2023)
 - BOOST UP
- NIPDB
- Acelera Namibia
- and many more...

Funding opportunities

- Environmental Investment fund (EIF)
- Development Bank of Namibia (DBN)
- US Embassy in Namibia
- SANLAM Namibia
 - SANLAM Bridge program
- Bellatrix

International

- African Development Bank
- Global Innovation Fund
- Green climate Fund

Rural Power Solutions CC

Thank You

for doing good to our planet!



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Rural Power Solutions CC

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