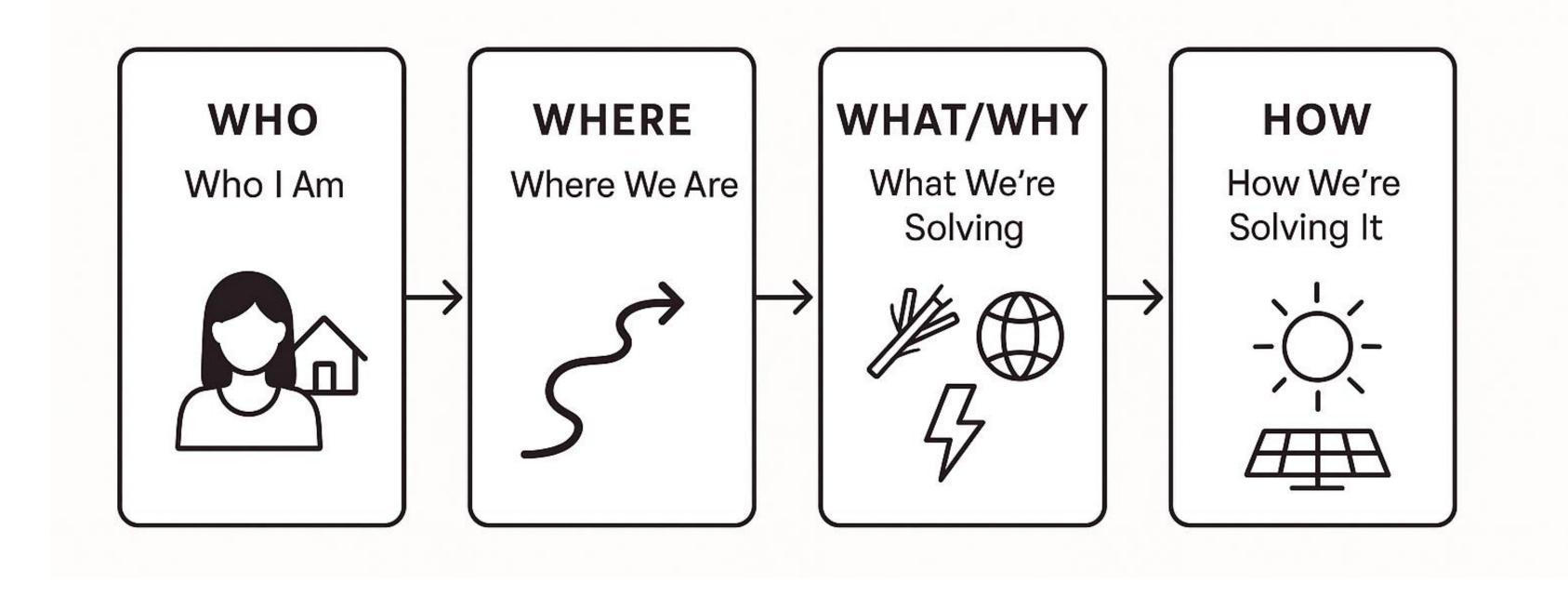
Rural Power Solutions CC Tackling Energy poverty

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









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Career Hub

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SANLAM BRIDGE WINNERS 🔗 Sanlam

>> Providing a variety of solar cooking products

Turning up the heat

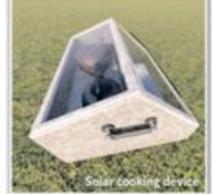
Cecilia Naule founded Rural Power Solutions CC, a solar cooking company, with the goal of providing clean, affordable and efficient cooking solutions to households with limited access to electricity.

RITA KAKELO

or more than two billion people, primar-dy rural households in developing nations, wood and charcoal are the primary sources of energy for cooking and heating. Baral populations in Namibia rely heavily on forest resources, particularly through community forestry, to enduance their livelihoods.

Collecting wood for fael in rural areas has the forest degradation; however, the extent to which this occurs is dependent on the source of supply and demand, the nature of faelwood and char-

et al., 2008). As a result of the rising scarcity of wood experienced by raral communities, Cecilia Naule identified a gap, responded quickly, and avariety of cooking products that are designed to meet avariety of cooking needs and badgets, with prodcapitalised. 'Our solar cooking company, Bural ucts that use solar technologies to harness sunlight Power Solutions CC, was founded in 2021 with and convert it into heat energy, allowing housethe goal of providing clean, affordable, and ef- holds to cook their food without relying on traficient cooking solutions to households with ditional forts such as firewood, gas or electricity. limited access to electricity," Naule said.



Providing energy

She has an honours degree in physics and is carpotential to contribute to deforestation and rently pursuing a master's degree in renewable of them living in rural regions, emphasisenergy with a focus on solar technologies.

coal markets, and household behaviour (Arnold in the field of renewable energy, she explained.

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 immunities - cooking energy poverty." Naule underlined.

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

Assisting those in need

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

"The overreliance on wood for cooking, which affects 49% of Namibians, with 86% es the importance of tackling the issue of This educational background has provided her cooking energy poverty. To address this issue, with the skills and expertise to lead and develop government incentives and collaborations with renewable energy entrepresents can play

The company she founded provides a variety of 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.









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TERMANY, 2224

YOUTH IN ACTION

Empowering Communities Through Sustainable Cooking Solutions

Interview with My, Cecilia Saule Interview by the Association and the second strength and the second strength of the second strengt ot the second s

a a world ahave antivantantal constitutions is recreasingly paramount and relevant, the pursuit of sental-valide living transports traditional boundaries, permaing every aspect of mer daily frees. At the foreboart of ites minument to No. Caultia Naulio, the obtimuty foundar of Hural Preset Solutions CC, where proceeding offsets after a processing poence to not only reduce carbon holiprints but also to mitigate environ deputation and enhance the well-being of roral communities through the emoduction of motaculties costiling testations,

Professional Mr. Cardia Nazia, Iv a patametaty individual with an Honors degree in Physics and a current pursuit for a matter's degree in Rehewable Energy, Alongoide her academic endoavourt, she's also the boundar of Aural Prove Tolation CC, http://www.fors.bener.au.doorrow.pc It is impriving. Previously, the assisted as a lateratury student at the University of Norodan (LAMM), engaged in an intervalup at Alecti-Mest Investig where the complaited in the mulabellar of four 2.7m value infections in Posthelizours, and internet with the monible dream Hydroges Research institute. Despite never having formal amployment, Mt. Nade has phones to carve her own path, drawing from the mention of shifts, as paired sharing har muchael.

the contration sizes from a basefult desire to much positive charge within her community. Werencing the mainformative impact of immution in places like Kenya, has forded for determination to mean forward with her density harbest country given her mail price of assumed arelapped patanellal addan kamilia. Desaits the nation's abundant monortes, she's dishearboard by the apparent lack of progress, yet she remains Republic and committeel to being part of the solution.

During that career portials, 6%, busine factor great scapitches about the relevance of studying Physics and its potential prepart on her future, however, even these disading serve as had he has determination to mainteed. Her shree is fastled by a dust perjoine. (2) to artuplay hair unsine of a toottainable follows for highling and, 127 to demonstrate to acaptics the pionial role that science, especially Physics, plays in advancing



ix) We promite attordability and by othering solar cooking ab-are both cost effective and easy, use

2024 CHANGEMAKERS



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Apply for \$5000 funding

The Tony Elumelu Foundation



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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		
Botswana	15		29	1,104 Selected
Burkina Faso	з	Mali	5	
Burundi	2	Mauritania	1	
Cabo Verde	8	Mauritius	1	
Cameroon	16	Morocco	1	
Central African Republic	4	Mozambique	21	
Chad	2	Namibia	3	
		Niger	1	
Comoros	1	Nigeria	590	
longo Brazzaville	3	Rwanda	25	Selected
Democratic Republic of the Congo	13	Sao Tome and Principe	2	
Djibouti	3	Senegal	3	
gypt	1	Seychelles	1	
quatorial Guinea	3	Sierra Leone	9	
iritrea	2	Somalia	1	
Iswatini	3	South Africa	22	
Ithiopia	1	South Sudan	1	
Sabon	2	Sudan	1	
Sambia	4	Tanzania	30	
Shana	27	Togo	2	
Suinea	3	Tunisia	1	
Guinea-Bissau	2	Uganda	27	
vory Coast	2	Zambia	35	
Kenya	37			
Lesotho	2	Zimbabwe	14	
TEF Business Plan Review - 2024				EY Parthenon

07 Rural Power Solutions CC



Together, we make solar energy more accessible!









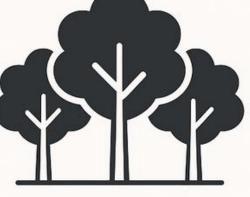
WHAT/WHY - The problem 1



According to 2023 census report

85% of these households are in rural areas

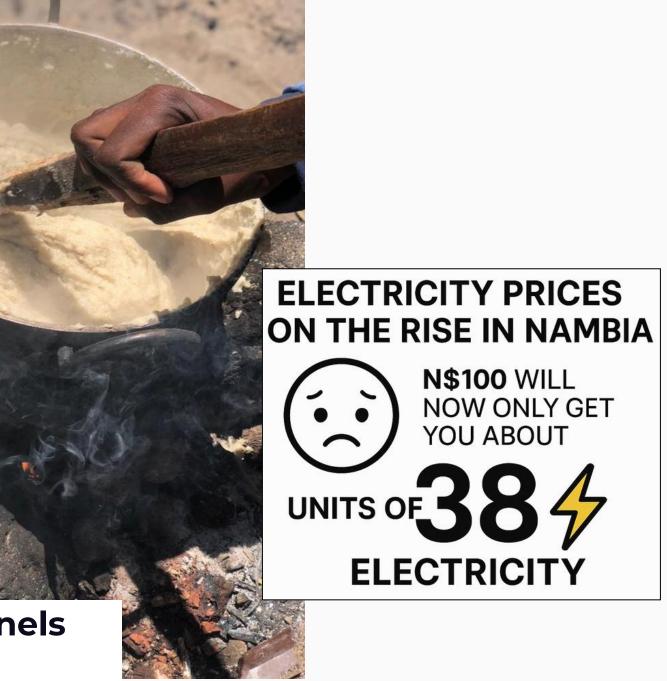
50% Namibian households use wood to cook





Deforestation risen Wood scarce

Cooking with Palm fruit kennels - Onesi, Omusati region



The problem 2

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



ALMOST 50% OF HORTICULTURE PRODUCE GOES TO WASTE

🎍 Julia Heita 🏥 30 May 2022

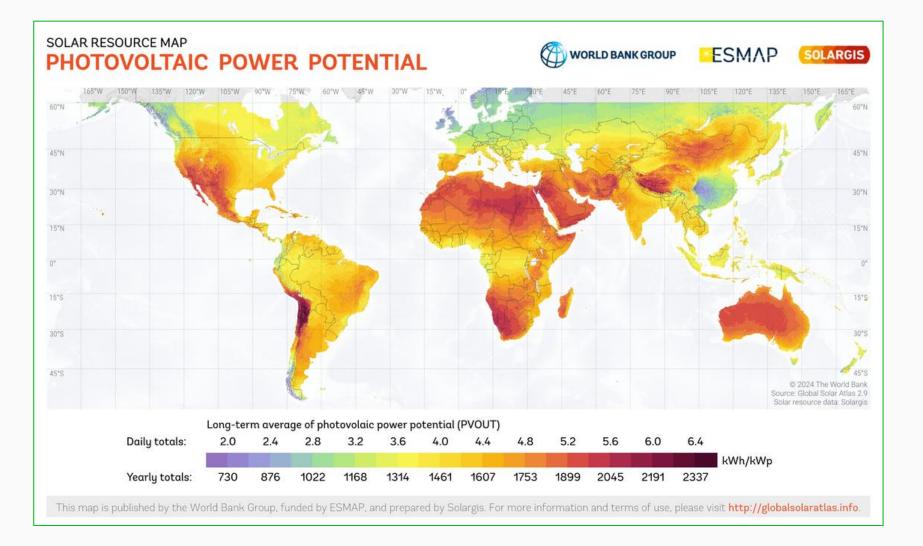




HOW - The solutions

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.



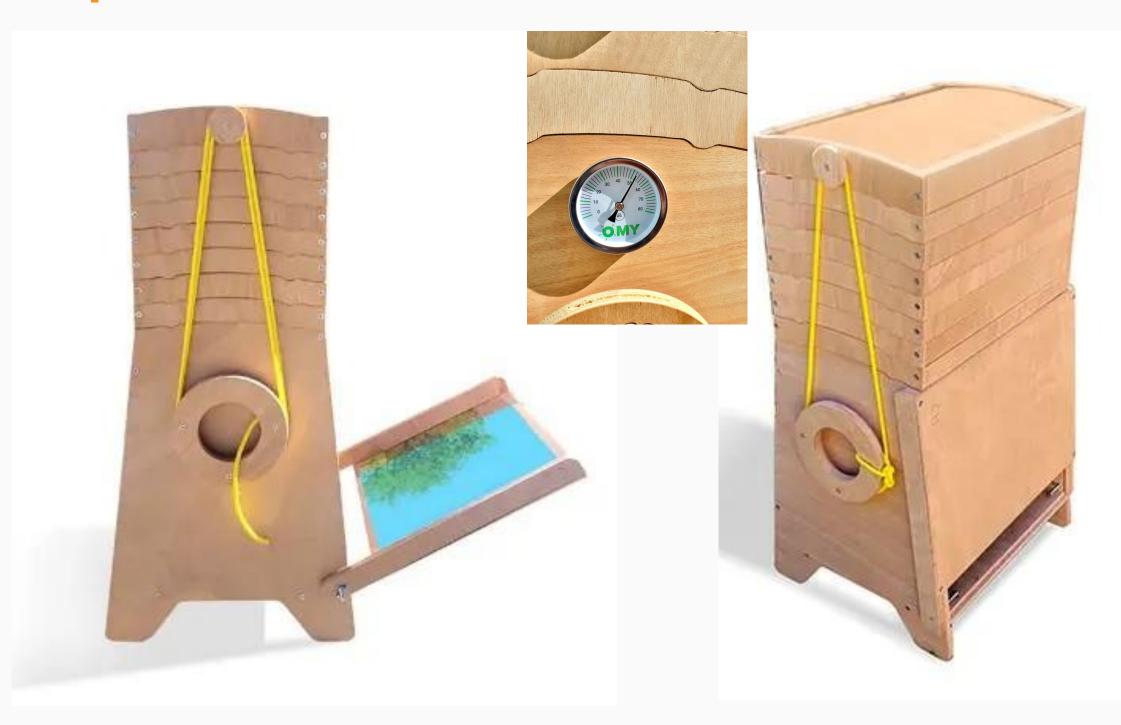


2-8 people





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...

17 Rural Power Solutions CC

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

Thank You

for doing good to our planet!

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Rural Power Solutions CC

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