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Impact report

Brightening lives with solar



24

Foreword

Patrick Lagrange, Founder and CEO

It is with pleasure that I present you with our updated impact report for 2024. This year was marked by the challenges posed directly by climate change in the regions we operate, reflected in economic hardship due to severe droughts in the region, making our work even more relevant and necessary for the people we serve.

In 2024 we took the decision to focus on our core markets, expand our product range, forge new partnerships and explore new models to scale our impact and complement our carbon project activities. This meant geographical consolidation coupled with product and service diversification to keep bringing value to our customers.

In 2024 alone:

- **2.3 million** more people reached with clean lighting and solar products.
- **395,000 solar lights deployed** under our carbon projects across 4 countries.
- **136,000 tonnes of CO2 emissions** were avoided.
- **New product launched - Zuba**, a robust portable solar light built to last and designed with input from thousands of users.

At the end of 2024, over 2 million families in Africa had swapped dangerous and costly sources of combustion for a Namene product. They save money and are now able to read, study and work at night.

But we have millions more to reach, in more regions and with more life-changing devices. As we look ahead, our determination to champion 'good disruption' is as strong as ever.

The milestones reached in 2024 and to date, as set out in this report, show that the years taken to reach this stage and firm up our ambitions have all been worth it.

With your support and partnership, I am confident that we can, and will, deliver that purpose.

Patrick

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Our company and approach



About Namene

Empowering every community through clean technology

In our world, today, about **650 million** people still do not have access to electricity. This means millions of families depend on kerosene or candles for lighting. Many more also rely on open fires or inefficient stoves for cooking. These combustion devices are costly, polluting and dangerous.

Clean technologies that avoid emissions while reducing safety hazards and costs are available, but new business models are required to make these technologies affordable and accessible to those who need them the most.

This urgent need for new approaches is the reason we created Namene.

‘Namene’ means ‘new dawn’.

We chose this name for our business because we know the important role that clean technology has in building a more sustainable and equitable world. We are guided by our purpose and live by a set of core values.

The Namene manifesto captures what we believe in, and what we commit to.

Namene manifesto ⇒

Solar lanterns currently provide the most “bang-for-your-buck.” [...] The impact they create is often greater than that of higher capacity systems. This is because [...] these small but mighty products are the first step up the modern energy staircase. Why off-grid energy matters – report by 60 Decibels, 2020 www.60decibels.com.



Our Approach

Buy-as-you-can, leave no one behind

We are a business that believes people and planet come first –

We provide affordable, highly reliable, everyday devices to those who need them the most. All our devices are designed to meet people's daily needs in a sustainable and accessible way.

We empower those who are left out by current energy or utility models – We do this by enabling our customers to buy what they need when they are able to, and by discounting some of our products through the sale of high-impact carbon credits.

We put our buyers and their communities first – We design our products to last as long as possible, and provide after sales service to all our customers wherever they live. We create local jobs wherever possible, and use trusted local structures such as schools, NGOs and community centres to distribute and maintain products.



Our Impact

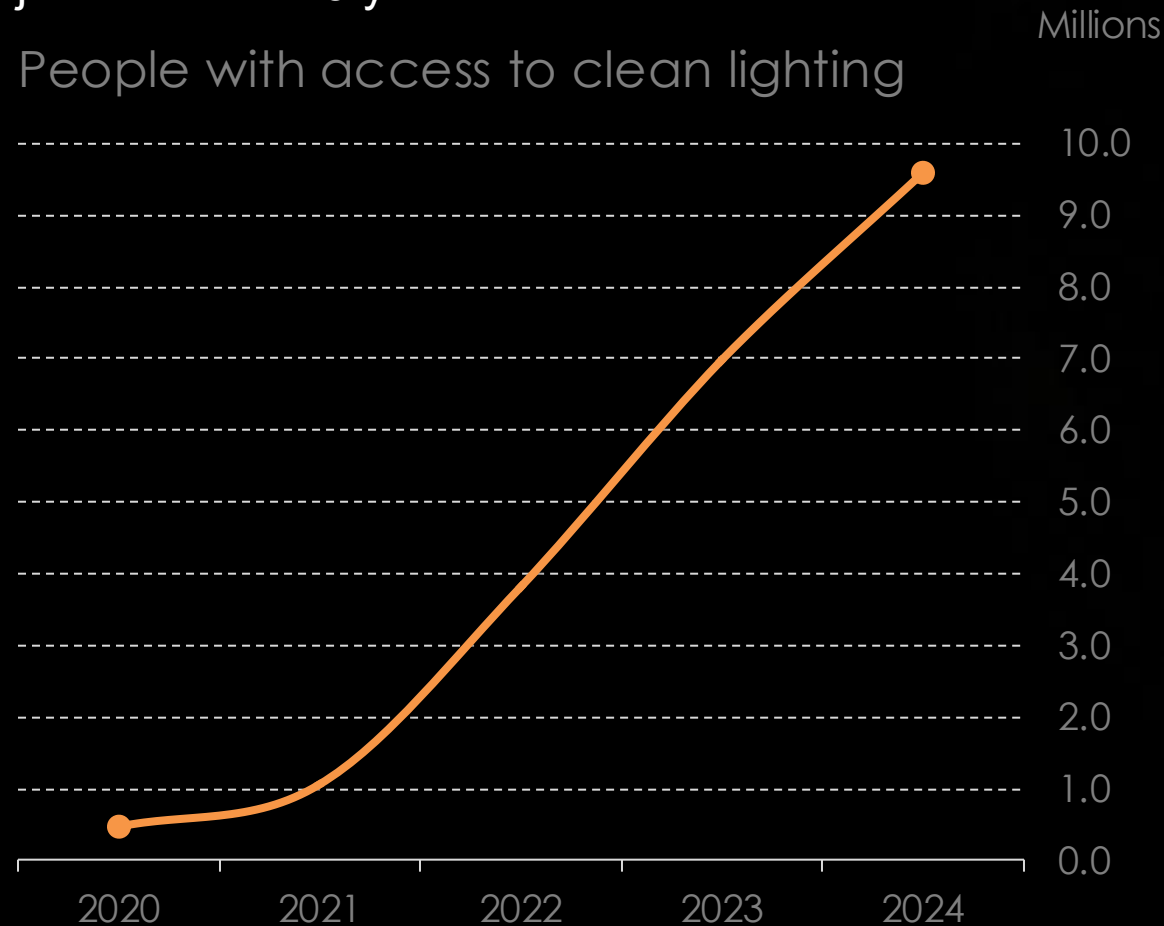


Our global impact

Empowering 9.5 million lives with access to clean reliable lighting

In 2024, we were able to reach an additional 2.3 million people with clean lighting and solar products thanks to our carbon projects.

89% of people using our products have been reached just in the last 3 years.



25%
more hours of study
by pupils by using our
solar lights



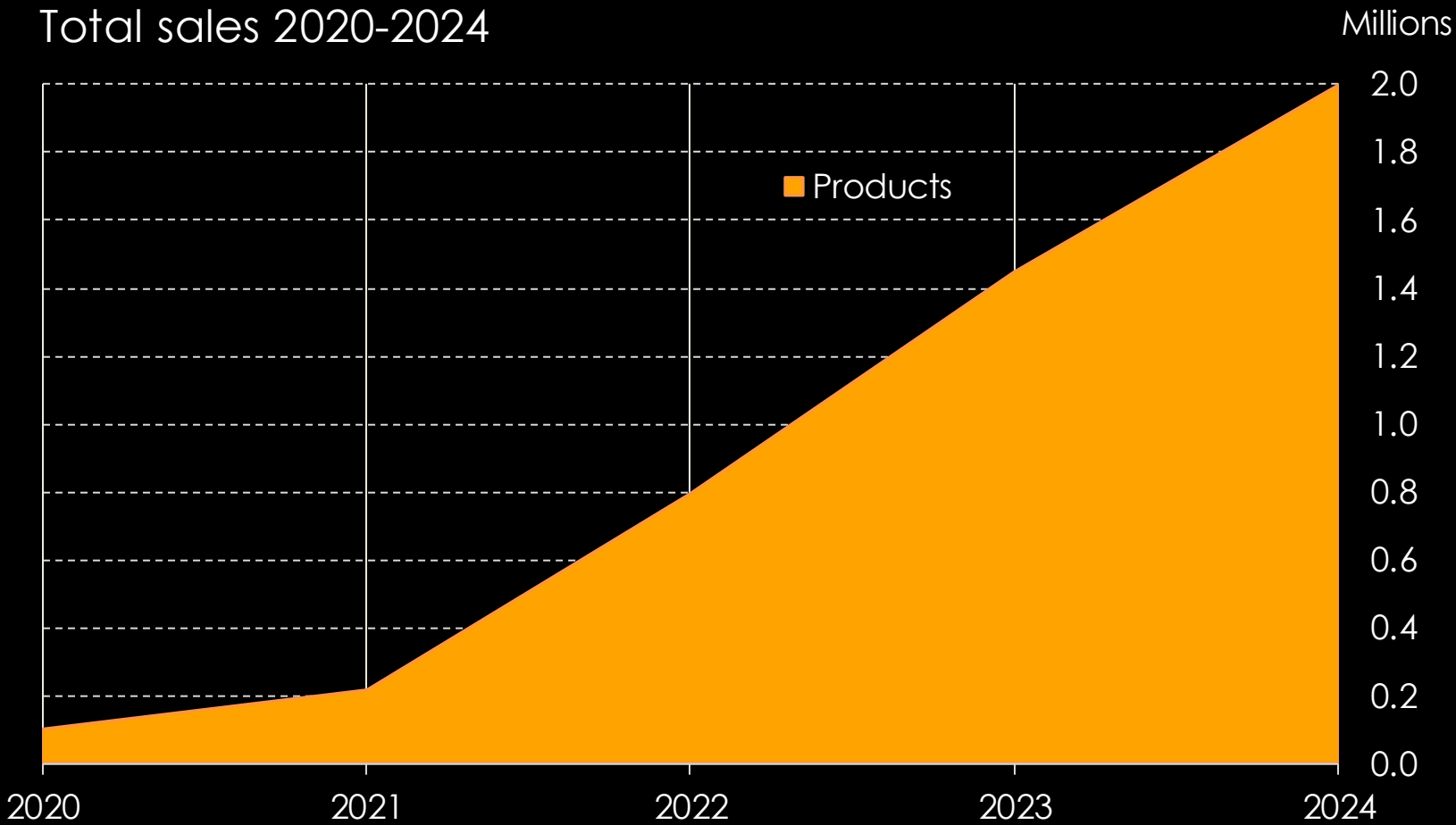
Providing access to clean energy

2 million solar products in customers hands to date

7 AFFORDABLE AND CLEAN ENERGY

Our carbon projects have enabled us to bring over 1.5m solar lights to rural communities across 4 countries in the last 4 years, representing 3/4 of our total product sales.

Total sales 2020-2024



Economic Impact

\$84 million dollars saved by families on lighting expenditures

Between \$30 to \$150 dollars is saved annually in lighting by avoiding spending in expensive and polluting kerosene and candles.

Cumulative savings on lighting (\$USD) Millions



Our carbon projects have created new job opportunities locally in rural communities to sell and maintain our solar products.

More people can work after dark with our solar lights

Our solar chargers allow people to stay communicated by charging their mobile devices and radios.

Climate Impact

224,000 tonnes of CO₂ avoided by our carbon projects to date

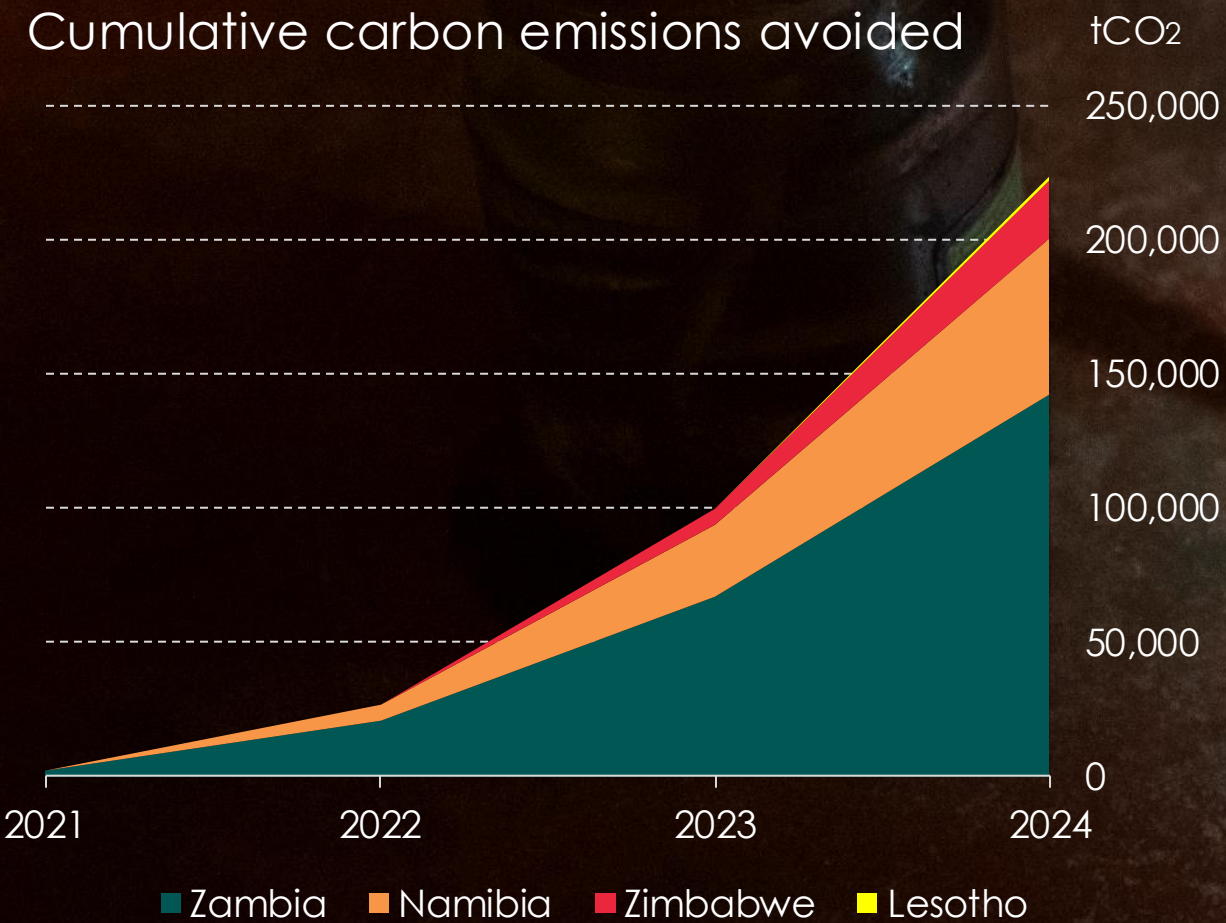


Gold Standard[®]
for the Global Goals



This is equivalent to taking 48,000 cars off the road for a year.

Cumulative carbon emissions avoided

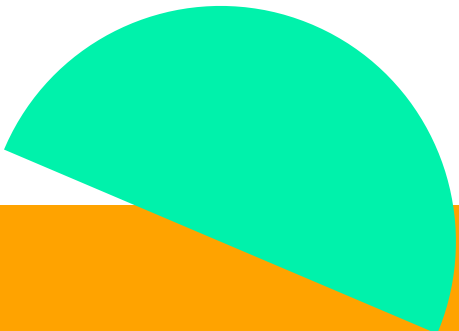


Our Gold Standard certified projects avoid CO₂ emissions by replacing kerosene lamps and candles with solar lights.



2024 highlights

We launched Zuba, our new robust portable solar light built to last.



ZUBA Solar Light

Solar power for you,
for years.



ultra-durable



waterproof



repairable



Warranty: Repairs
or replacements
for 2 years

2024 highlights



395,000

Additional lights deployed
under our carbon projects
in 2024



1st issuance

of carbon credits certified by
Gold Standard in our project
in Namibia

What we do



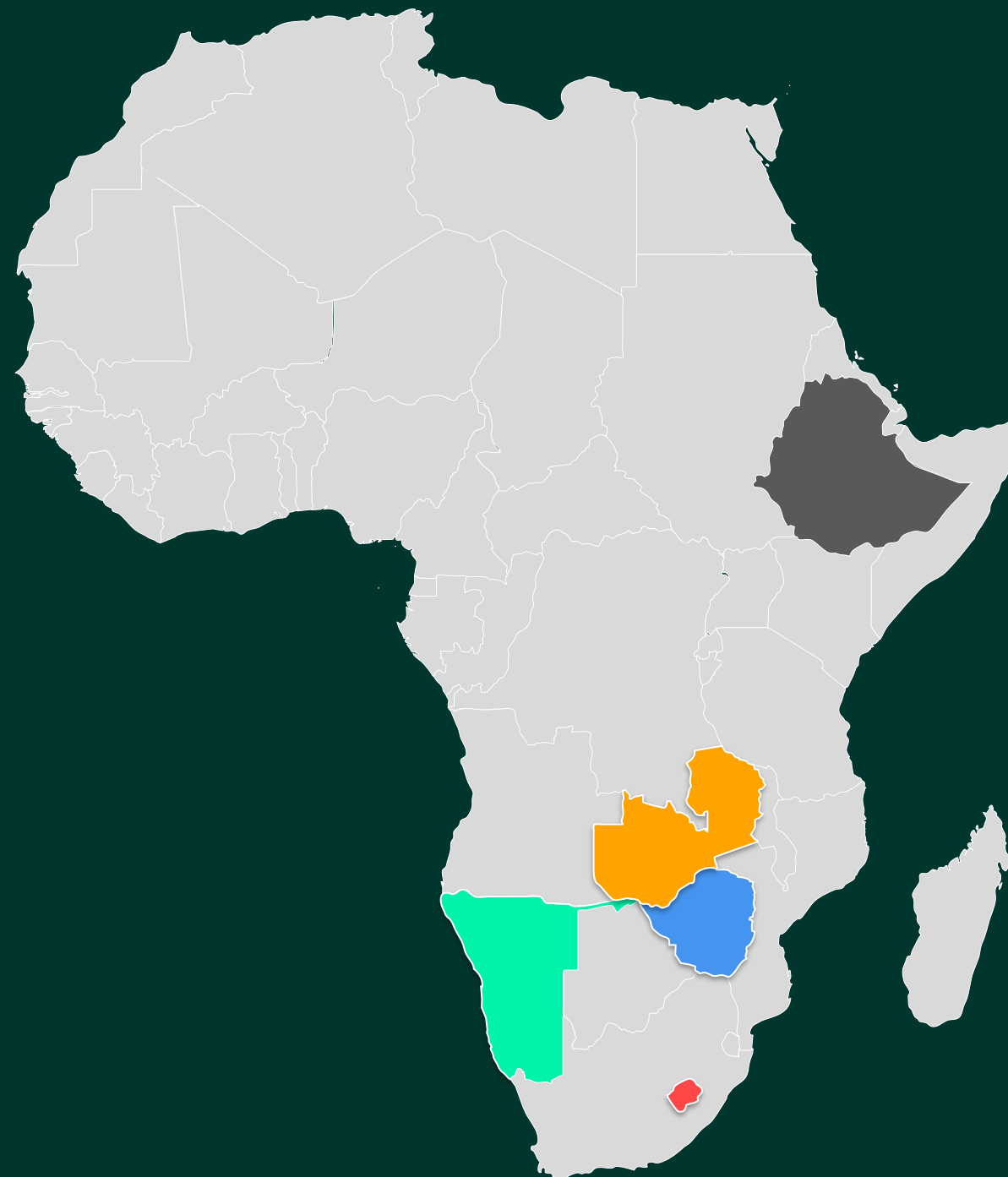
What we do – Carbon projects

Our carbon model has been a solution to generate impact at scale

- In just 4 years, we've distributed **over 1.5 million subsidized solar lights across 4 countries.**
- Our market share in the pico-solar product category across these regions **ranges from 65% to 90%.**
- Since 2022, a series of events have significantly reduced our customers' purchasing power, with a clear outcome: **a 20% decline in purchasing power leads to a 60%+ drop in adoption.**
- This highlights that affordability is a crucial barrier to the adoption of clean technology and reinforces that our subsidized model is not only effective but scalable, creating meaningful social impact — **provided it continues to be heavily subsidized.**

Our carbon projects

- **Zambia**
3 projects have distributed nearly 1 million lights to date across the whole country
- **Namibia**
340,000 lights distributed to date, benefiting nearly half of the country's population and creating over US\$42m in savings
- **Zimbabwe**
2 projects have distributed 235,000 lights across 6 provinces
- **Lesotho**
Working through local partners to reach rural communities with our solar products across the country
- **Ethiopia (in development)**
We certified a country-wide programme with Gold Standard



Maximising social impact

When a company buys **1 carbon credit***

11 solar lights are delivered to customers hands**



6.75 families on average have clean light to study, work and play after dark***



* 1 carbon credit represents 1 tonne of CO2 avoided.

** Each carbon credit avoids 92 Kg CO2 light /yr as per the carbon methodology

*** Each family buys 1.6 lights on average.

Certified contributions to six SDGs

Our carbon projects contribute to social and environmental SDGs



SDG 1
No Poverty – Switching to a Namene light saves a family \$6 per month, and unlocks savings for daily essentials or the purchase of other cost-effective devices



SDG 3
Good Health and wellbeing – Replacing kerosene lamps and candles with solar lights removes pollution and health and safety hazards such as fires and respiratory diseases.



SDG 4
Quality Education – Our solar lights extend study hours and lead to better education outcomes for children.



SDG 7
Affordable and Clean Energy – Our solar lights provide first time access to clean lighting to families without electricity.



SDG 8
Decent work and economic growth – Access to affordable, portable and reliable lighting at night opens up work and earning opportunities.

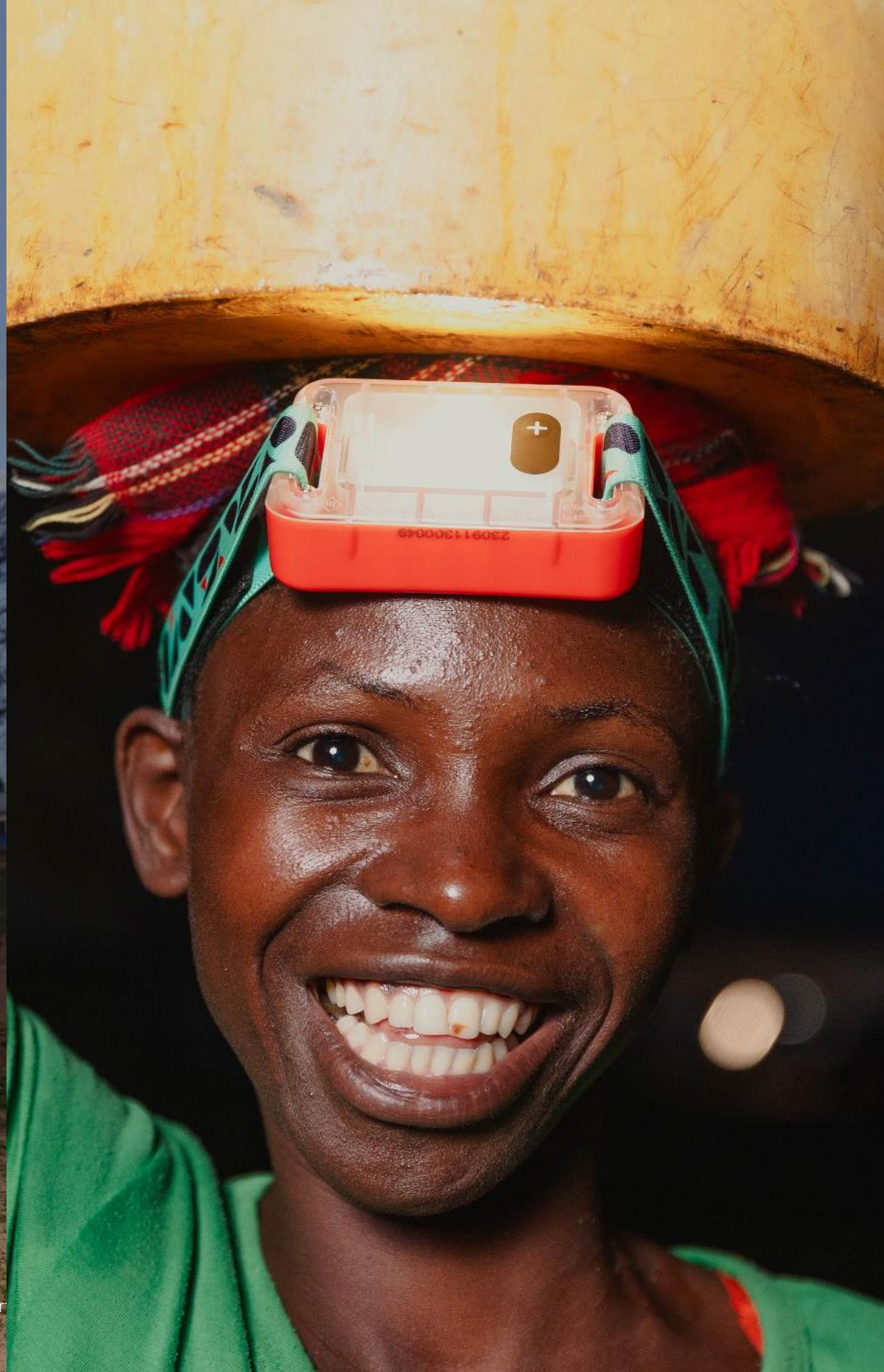


SDG 13
Climate Action – Each solar light that replaces kerosene or paraffin lamps avoids CO₂ emissions and black carbon, which contains particulate matter, an air pollutant.

Commercial

Championing business as a force for good

Beyond our carbon projects, we work with local distributors in several African countries to sell our products commercially – always at the lowest possible price and with no compromise on quality or customer care.



Last mile distribution

Going the extra mile to serve our customers

Through our carbon projects, **Namene has built a robust distribution network** designed to reach off-grid rural communities that are often underserved by traditional companies.

By recruiting, training, and empowering local talent—both men and women—**we've created meaningful employment opportunities** while fostering inclusive economic growth. This grassroots approach has also given us valuable insights into the unique needs and preferences of our customers, driving ongoing innovation and market responsiveness.

Leveraging advanced communication technologies, digital platforms, and optimized internal systems, we've developed logistics solutions tailored to the realities of local markets. These efficiencies **enable us to keep our clean technology products affordable and accessible** to those who need them most.

As a result, our solar lights and other life-enhancing products are now **reaching communities located hundreds of kilometres from urban centres** and our operational hubs.



Disaster Relief and Humanitarian Aid

Bringing power in the darkest hour



Solar lights can be invaluable for people made homeless in the wake of natural disasters or conflicts – enabling families to rebuild their lives as soon as possible and fostering a sense of normalcy and cohesion in temporary settlements. This is why we work with a range of NGOs to ensure our lights reach those who need them, even in the most desperate conditions.

GlobalMedic is our primary humanitarian partner. With them, we have despatched over 250,000 lights across 26 countries and on all continents since 2019.

In the twelve months to December 2024 alone, more than 57,000 of our lights reached people in 13 countries.

Namene lights are particularly well suited for emergency situations – from their small, packable size and robust build, to their long-lasting charge and efficient LEDs. Once distributed, our lights have low operating costs and can save vital resources for humanitarian organisations and affected communities.

Find out more about our work with

[NGOs](#) →



Impact stories



Impact stories

It feels like a town not a village

"When the solar lights are on at night, it feels like a town, not a village. Now we use the power of the sun for lighting, and we no longer need to spend on expensive candles and kerosene."

Bernard Namasumo,
Head Teacher at a rural school Zinazongwe, Zambia

This is what Mr. Bernard Namasumo told us during our site visit to his rural school in Southern Province in Zambia.

A 6-hour drive from Lusaka, Zambia's capital, most of it in dirt roads, helped the management team to appreciate the remoteness of some of the locations our products have reached thanks to our carbon projects and our local teams.

In cooperation with the rural schools at regional and province level, we have been able to raise the awareness of the benefits of solar products, build trust and confidence in the technology and our brand, and use schools as aggregation points for sales, repairs and awareness campaigns.

Head teachers are highly respected members of their communities. They see the limitations children normally face after dark to read or study. Our lights are enabling school children to now use a bright and clean light to study.





Impact Stories

Safe to study at night

"The benefits this light has brought to me and my family are incredible. I can now study late into the night, and it has cut costs since we no longer buy candles daily. Plus, it's safe—unlike candles, which can cause fires."

Esra Hangula
Goreangab, Namibia

Esra Hangula lives in Goreangab, an informal settlement on the outskirts of Windhoek, Namibia's capital. In this area, disconnected from basic services, Esra's home has limited access to water, sanitation, and no electricity.

As an 11th-grade student, this severely impacted his home life and studies, crucial for his future. Until recently, his family relied on candles for light, which were expensive, disposable, and posed a constant fire risk. When Esra purchased a highly-subsidised Namene solar light, everything changed.

The solar light is now a daily essential in their household, used not just for studying but to illuminate the kitchen and other parts of the home.

Our lights are often used by students to improve their education, helping them work towards a brighter future.

But most of our rural customers can only afford these lights through carbon subsidies or donations from corporates and NGOs.

Partnering with Namene to donate or sponsor solar lights can have a powerful impact on young learners' lives while enhancing your brand's social responsibility.

[Learn more](#) about our impact and partner with us today.

Impact Stories

A Family Transformation

Lucia Chinyani
Mashonaland East Province, Zimbabwe

As a widow with four children and two grandchildren, Lucia has faced financial hardship as well as health risks from the indoor pollution of candles for lighting.

When Namene's carbon project launched in her village, Lucia immediately saw the power and potential of solar lights to change her life, as well as her children and grandchildren's lives.

Lucia's first solar light provided affordable bright light, helping her grandchildren to study safely and allowing her grown children to work into the evening to better support the family. The switch from candles to solar lights cut the regular cost of candles, allowing her family to save money.

Today, Lucia leads a team of local women who go door-to-door, educating villagers about the dangers of climate change, fossil fuel lighting and how Namene products help reduce carbon emissions from candles.

Stories of change like Lucia's are happening across Zimbabwe and other countries where Namene works.



Impact Stories

GENESIS ENERGY GROUP Supports Kilimanjaro Trek4Mandela with Namene Solar Lights

“Partnering with Namene to light up his year’s trek was another way for us to champion the continent’s potential by bringing together the endurance of its people and the power of its natural assets, starting with the sun.”

Namene solar lights empower off-grid communities in sub-Saharan Africa. They lit the way for the annual Trek4Mandela to Kilimanjaro's summit.

GENESIS ENERGY GROUP partnered with the Imbumba Foundation, donating Namene solar lights for the trek. This trek, endorsed by the Nelson Mandela Foundation, symbolizes Mandela’s vision for Africa: unity, resilience, and a better future.

Babalwa Bungane, GENESIS ENERGY GROUP’s Head of Communications and Marketing, said: “We were very happy to have purchased the solar lights from Namene as their mission aligns closely with GENESIS ENERGY GROUP’s own values and fundamental principles of power, people and progress.”

GENESIS ENERGY GROUP bought 250 solar lights, donating some to the trekkers and the rest to local communities, promoting sustainability and clean energy.



Our team



Our team

A team united by the same purpose and values

We're a team of passionate individuals, united by a shared purpose and a strong set of values.

We believe that every person's unique background, experience, and perspective adds something special to who we are — and we celebrate that.

With team members spread across different locations, **we've built a culture rooted in trust, support, and genuine care.** Everyone has the flexibility to work in a way that suits them best, with the autonomy to take real ownership of what they do.

Over the years, **our team has consistently shown incredible drive, dedication, and resilience** — always learning, adapting, and growing to meet the ever-changing needs of those we serve.

Meet our team ⇒



Looking to a bright future

Continue delivering on strong foundations

Despite the challenges 2024 brought — from severe droughts to economic instability across the regions we serve — the Namene team met every obstacle with resilience, adaptability, and an unwavering commitment to our mission.

As we look ahead to 2025, we know more hurdles lie ahead — for our industry, our partners, and, most importantly, the communities we serve. These challenges only reinforce the urgency of our work: making clean, reliable energy more accessible and affordable for those living in energy poverty.

Building on the strong foundations we've laid, we enter 2025 with renewed focus and ambition. Our impact will grow through three strategic priorities:

- Expanding our reach with a broader portfolio of clean energy products to serve more people and communities.
- Strengthening partnerships with local and global organisations to scale our impact in a sustainable, meaningful way.
- Driving climate action by helping businesses meet their sustainability goals through our high-impact carbon credits.

Together, we remain committed to empowering people and protecting the planet — one innovation at a time.





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Lafrenz Industrial, Windhoek

Zambia

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Kalundu (Opposite Asmara Hotel) Lusaka



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