



# IMPACT REPORT

# 2024





# 2024 IMPACT REPORT

10 YEARS OF DUAL IMPACT

**2.5** MILLION PEOPLE

IMPACTED

**812,390** TONNES OF GHG EMISSIONS

SAVED

**13.15** MW OF ELECTRICITY

PRODUCED

**17** MILLION LITERS OF WATER

PRODUCED DAILY

**9** COUNTRIES

OF OPERATIONS

**3500** LOCAL JOBS

CREATED

**\$61** MILLION

SAVED ON ENERGY EXPENDITURE



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# 10 YEARS OF DUAL IMPACT



As we celebrate Ignite Power's 10-year anniversary, we reflect on a decade of transformative impact that has not only improved the environment but also uplifted millions of lives across Africa's most vulnerable communities. Our journey began with an ambitious vision: to bring renewable energy to the hardest-to-reach areas, foster infrastructural inclusion, and prove that investing and operating in Africa isn't just possible—it's essential for a sustainable future.

Over the past decade, we have stayed true to that vision. From reducing carbon emissions to delivering affordable and clean distributed energy solutions to millions, our work has touched both the social and environmental landscapes in ways we couldn't have imagined. We've seen firsthand how access to sustainable energy can unlock opportunities, drive economic growth, and improve the quality of life for entire communities, empowering them to thrive.

But this is only the beginning. Our commitment to healing the planet and empowering people is stronger than ever. As we look back on the incredible progress we've made, we are also excited about what lies ahead. With even more ambitious goals, we aim to deepen our impact, scale our reach, and continue to show the world that Africa's potential is limitless.

Join us as we take a comprehensive look at our decade of innovation, resilience, and progress, exploring how far we've come and where we're heading in our mission to create lasting, sustainable change.

*Yariv Cohen*  
Ignite Power CEO



# COMPANY OVERVIEW



Ignite Power stands as a dominant climate tech platform in emerging markets, leading the development, financing, and operation of future infrastructure solutions. Our focus lies in distributed, digitized, decarbonized, resilient, and accessible services, primarily committed to providing affordable, sustainable energy to the hardest-to-reach communities in sub-Saharan Africa. Since its founding a decade ago, Ignite has delivered transformative change across the continent, offering millions of people access to clean, reliable energy while reducing carbon emissions and fostering inclusive growth.

With a **mission** to bridge the energy gap, Ignite Power offers a range of solar-powered solutions, from home systems through PUE to large-scale commercial and industrial projects. These innovative systems not only meet the energy needs of underserved communities but also drive economic development by creating jobs, improving food security through solar irrigation, and unlocking new opportunities for businesses.

Ignite's commitment extends beyond energy access. The company's holistic approach focuses on infrastructure inclusion, gender equality, and sustainable development, empowering communities to thrive while promoting environmental stewardship. With operations in multiple countries, including Rwanda, Mozambique, and Nigeria, Ignite Power is proving that investing in Africa is both vital and impactful.

**As Ignite Power celebrates its 10-year anniversary, the company continues to deepen its impact, aiming to scale its reach and contribute to a more sustainable, inclusive future across Africa and beyond.**





# 2.5 MILLION PEOPLE IMPACTED

From day one, our customers have been at the heart of everything we do and our mission has always been clear: to provide access to life-changing solutions, regardless of a person's location or financial means. We believe that everyone, especially those at the bottom of the economic pyramid, deserves the opportunity to benefit from clean, reliable infrastructure.

Reaching the most remote and underserved communities across sub-Saharan Africa has required not only strategic foresight but also an unwavering commitment to extreme affordability. Today, Ignite Power is proud to be recognized as the most affordable provider of solar home solutions in several of the countries where we operate. By combining cutting-edge technology with innovative financing models, we've been able to deliver electricity to millions who are experiencing life-altering benefits for the very first time.

Our solutions go beyond simply lighting homes. We are providing families with access to critical infrastructure such as irrigation systems to boost agricultural productivity, internet connectivity to unlock educational and economic opportunities, and other vital services that transform lives and uplift entire communities.

As we continue to grow, our focus remains firmly on delivering sustainable solutions that improve the quality of life for those who need it most, proving that affordability and innovation can go hand in hand when it comes to building a brighter future for all.



# 9 COUNTRIES OF OPERATIONS

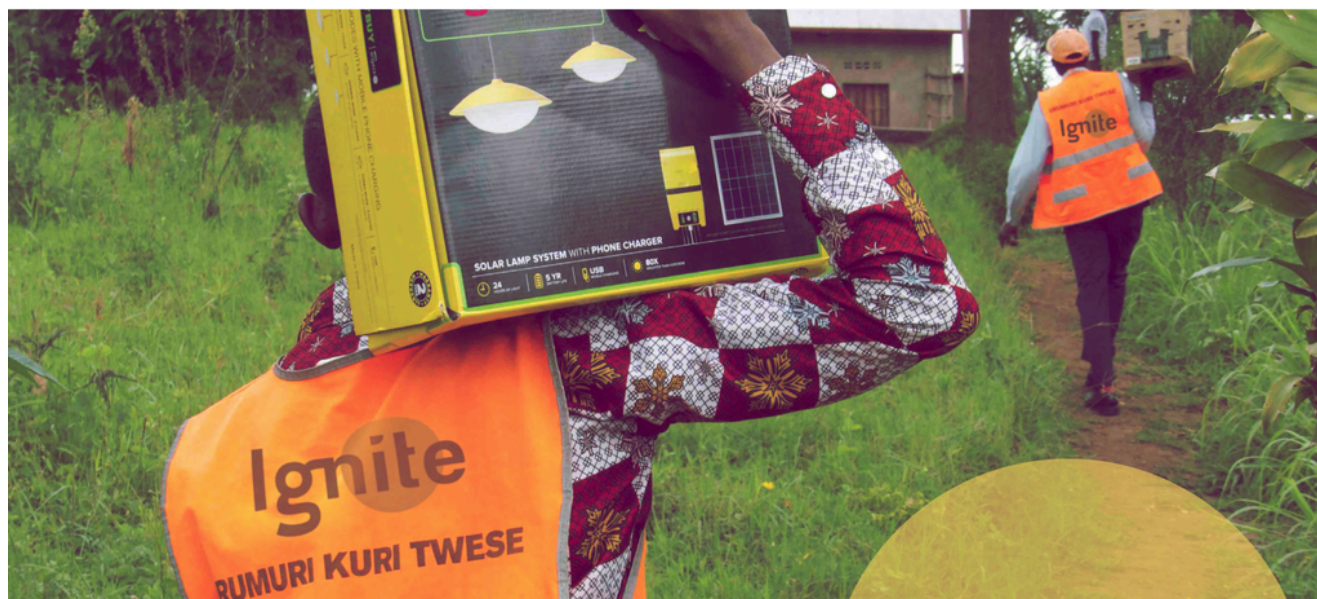


Our journey began in Rwanda, where we laid the foundation for what would become a transformative mission across sub-Saharan Africa. From the outset, our goal was clear: to bring sustainable, renewable energy to the most remote and underserved communities on the continent. Through strategic partnerships with local governments, development finance institutions (DFIs), and community leaders, we quickly expanded our reach, proving that large-scale, impactful collaboration can drive meaningful change.

Thanks to these strong partnerships and our unwavering commitment to delivering energy solutions where they are needed most, Ignite Power scaled rapidly across the region. Today, we are proud to be operational in nine countries—

Rwanda, Mozambique, Nigeria, Burundi, Sierra Leone, Cameroon, Nigeria, Senegal, and Burkina Faso, each presenting unique challenges and opportunities that have pushed us to innovate and adapt.

In each of these countries, our approach remains consistent, working to ensure sustainable, inclusive growth. By building local capacity and investing in infrastructure, we are helping to create resilient energy ecosystems that not only address immediate energy needs but also foster long-term economic and social development.





# 3500 LOCAL JOBS CREATED



Focusing on sub-Saharan Africa's local communities means going beyond just delivering sustainable infrastructure. It's about fostering long-term, transformative change that empowers individuals and strengthens economies. In every country we enter, we not only establish a robust solar sector but also create thousands of new jobs, providing meaningful training and learning opportunities that nurture a new generation of sustainable leaders.

Our commitment to local capacity-building extends to promoting gender equality, both in our offices and in the field. We are proud that 40% of our workforce is made up of women, and we are on track to reach 50% female employment by 2025. By prioritizing inclusive hiring practices and leadership development, we are helping to reshape the energy sector and create more equitable opportunities for all.

# 812,390 TONNES OF GHG EMISSIONS SAVED

Every renewable distributed solution we deploy directly reduces greenhouse gas (GHG) emissions, helping to preserve our planet while safeguarding the communities we serve. By driving sustainable energy access, we are not only providing clean power but also offering vital protection against the harsh impacts of climate change.

This is especially critical in Africa, where the communities contributing the least to global emissions are disproportionately affected by its consequences. Our efforts aim to tip the balance, ensuring that those most vulnerable are equipped with the tools to build a more resilient and sustainable future.





# 13.15 MW OF ELECTRICITY

PRODUCED



By replacing polluting energy sources traditionally used around the world, and particularly in Africa, our solar-based infrastructure solutions are not only reducing emissions but also creating a more sustainable reality across the continent. The transition from harmful, carbon-heavy fuels to clean, renewable energy is vital for the future, and we are leading this change with a wide range of solar innovations that address the diverse needs of African communities.

With every step, from home systems to large-scale solar infrastructure, we are moving Africa closer to a future where renewable energy is the norm, reducing greenhouse gas emissions, protecting the environment, and promoting equitable growth. Every project, every panel, every kilowatt counts as we work towards creating a greener, more sustainable Africa, with ripple effects felt across the globe.



# 17 MILLION LITERS OF WATER

PRODUCED DAILY



85% of our customers are smallholder farmers, relying on their vast fields of cassava, beans, and sorghum to feed their families and generate household income. Our solar-powered irrigation systems provide a game-changing solution, delivering the one resource critical to their success: water. Designed for easy deployment and mobility, these systems serve entire collectives of farmers, ensuring consistent irrigation across their fields.

By extending the growing season, increasing crop yields, and boosting incomes, our irrigation systems not only improve food security but also offer a holistic solution to the daily challenges these farmers face. At the same time, they reduce greenhouse gas emissions, creating both environmental and economic benefits that foster long-term sustainability.

# \$61 MILLION

SAVED ON ENERGY  
EXPENDITURE



Before receiving our solar systems, many of our customers spend a large portion of their household budget on inefficient energy sources. They often rely on expensive battery-operated torches that frequently break down or use costly and dangerous kerosene to light their homes. These temporary solutions not only drain financial resources but also pose health risks, as kerosene fumes can cause respiratory problems. This financial burden leaves families with limited funds for other essential needs like education and food.

With our affordable solar systems, customers can reduce their energy expenses by up to 75%. This significant savings allows families to redirect their income toward more meaningful investments. Many choose to send their children to school, ensuring a brighter future, while others are able to buy more nutritious food, improving their overall well-being.

Additionally, reliable solar energy opens new opportunities for economic growth. Customers can use the savings to start small businesses, such as local shops or agricultural ventures, enhancing their household income and contributing to the local economy. This creates a ripple effect of development, benefiting not only individual families but entire communities.

Our solar solutions go beyond providing clean, reliable energy. They empower families to break free from energy poverty, invest in their futures, and improve their quality of life, all while contributing to a more sustainable environment.





# TESTIMONIALS



Mukamparaye Jeanne, 63, from Kivomo Village in rural Rwanda lives with her husband and 4 children. The family has a farm and they grow irish potatoes, beans, passion fruit, peas, strawberry, yams, cassavas, and maize. They have been using Ignite's solar irrigation system since 2019. **"We used to sell 200kg and now it is 500kg"**. she explains. "Before, we used a generator, and petrol to fuel it, 5L per day (5k), extremely expensive and not even half as beneficial".



Mukande and her family live in rural Rwanda. **"Now with the lights, we sleep much better.** We used to sleep with the cows before because it wasn't safe to leave them outside due to the many thefts going on after dark. Now, thanks to the light we keep them outside, and everybody has more room to sleep comfortably,"



Celestine, 45, lives with her husband and their 2 children in a remote village in the Gisagara district. "We used to light fire in the home and the smoke caused my son to be very sick. We would go to the clinic every week and spend a lot of money on medication that did not help. **Now, there is no smoke in our home and we are all healthier and happier"**



Tasiana Irikunze, a farmer in Kabunjwiri village, says her Solar Home System (SHS) has improved safety and increased income. **"Before we had light, we sold 20 kg of beans and 30 kg of maize. Now we sell 40 kg of beans and 60 kg of maize** because we have more time to process them."



# DATA FROM THE GROUND

Ignite's impact extends beyond electricity, providing irrigation, clean cooking, and healthcare solutions. Surveyed customers reported improved security, health, income, and education, with new businesses and higher social engagement.

Our Gender-Based Survey was designed to assess the impact on Ignite's female customers. Covering education, entrepreneurship, financial inclusion, health, and more, the transformation of local communities is undeniable.



**say their children are getting better grades**

Light after dark means more time to study



**Said the SHS increased their household income**

Working after dark is meaningful



**Say their income increased**

With light in their home they can sort their crops after dark, leading to less yields lost



**Feel women in the community are stronger with electricity**

tTheir community stance is improved



**say they feel safer in their home**

Light prevents thefts and indoor fires for heating and cooking are no longer viable



**Have lowered their energy expenditure**

SHS are cheaper than kerosene



**say their yields increased by x3 or more**

Solar irrigation pumps boost productivity and prolong the harvesting season



**Feel safer in their home**

Light after dark means fewer thefts and intruders



**say the system changed their lives for the better.**



**Use a cellphone more often**

Digital inclusion is rising, massively impacting gender equality

# THE ROAD TO 100 MILLION



As Ignite Power celebrates its 10-year anniversary, we stand at an exciting inflection point, ready to take our decade of knowledge, successful operations, and proprietary technologies to new heights. Over the years, we've honed our expertise in providing clean, affordable energy to the hardest-to-reach communities, while also expanding our impact through innovative solutions in solar irrigation, healthcare, and sustainable infrastructure.

Now, with proven advancements and a commitment to continuous innovation, we are prepared to scale our reach and impact 100 million people across Africa

So far our journey has demonstrated that renewable energy is not only essential for reducing carbon emissions but also a powerful tool for unlocking economic growth, improving quality of life, and fostering social inclusion. By providing communities with solar home systems and productive usage of energy solutions, we are helping to shape a more equitable, sustainable future.

But this is just the beginning. With our successful track record and a strong foundation, we are more determined than ever to deepen our impact. As we expand our reach, we remain committed to empowering Africa's most vulnerable communities, driving sustainable development, and proving that Africa's potential is limitless. Together, we are building a future that benefits both people and the planet.

PROTECTING  
THE PLANET  
AND  
EMPOWERING  
COMMUNITIES



10 YEARS OF  
DUAL IMPACT