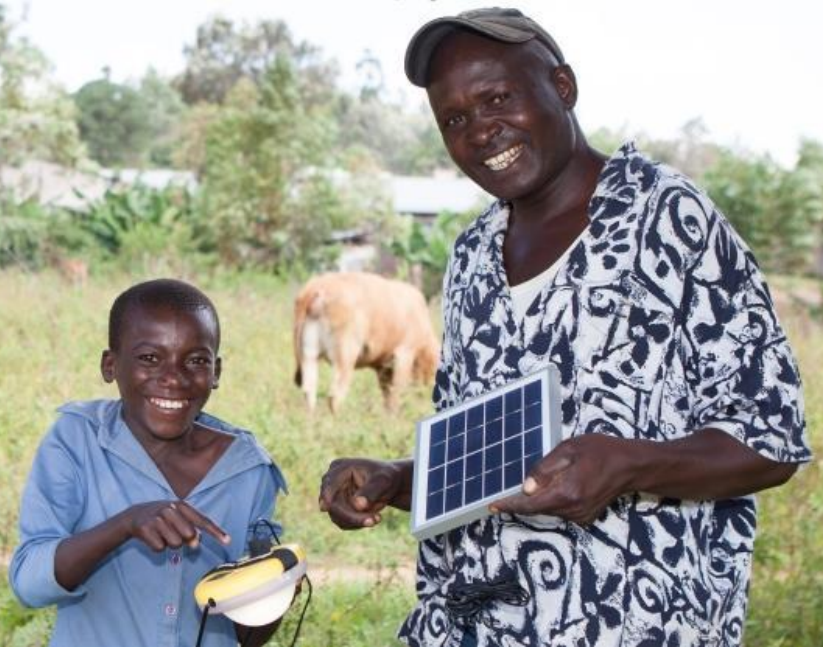




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## KENYA FACTSHEET 2015

**The Problem: Only 20% of the population in Kenya has access to electricity, which means 35 million people are living without power.**

43% of the population lives below the poverty line, and the majority of these live in rural areas – those least likely to benefit from grid electrification. Without light, opportunities for earning, learning and socialising are severely limited.

***“Energy is the thread that connects economic growth, increased social equity and sustainability. But, widespread energy poverty still condemns billions to darkness, ill health and missed opportunities for education and prosperity.”***

– UN SECRETARY GENERAL BAN KI-MOON

93% OF THE RURAL POPULATION DON'T HAVE ACCESS TO ELECTRICITY.

67% OF FAMILIES RELY ON KEROSENE FOR LIGHTING.

RURAL HOUSEHOLDS SPEND AROUND 25% OF THEIR INCOME ON LIGHTING.

SunnyMoney is a social enterprise wholly owned by international development charity SolarAid. It forms part of an innovative charitable model that takes a business-based approach to tackling poverty and climate change. Any revenue generated by SunnyMoney is reinvested back into the charity to support our goal: **the eradication of the kerosene lamp from Africa by 2020**. Kenya is one of the five countries that we currently work in.



**The Solution: SunnyMoney is building a sustainable market in Kenya through the sale and distribution of pico-solar lights.**

To date, SunnyMoney in Kenya has sold 435,00 solar lights, providing access to clean, safe, bright light for 2.8 million people over that time. With support from the Ministry of Education, SunnyMoney work closely with District Education Offices to arrange Head Teacher Meetings, bringing groups together to learn about solar so they can offer their students and community the chance to purchase a solar light. Solar agent networks were also created to offer sustainable access to communities wanting to move to solar, and provide livelihood opportunities for traders.

# THE IMPACT IN KENYA

These little solar lights have a big impact on the income, education and health of families in Africa.

Our research provides evidence of the impact that SunnyMoney has in Kenya.

## 2014: THE BIG PICTURE



**199,800 solar lights** sold to rural low-income families. 89% SunnyMoney customers in Kenya live below the poverty line.



**1.3 million people** have access to clean, safe, bright light.



**Children are doing an extra one hour of homework each day.** All teachers report an improvement in performance and attendance of their students as a result.



**\$70 million saved\*** for families from reducing spending on lighting alternatives like kerosene; over 10% of household income. Savings are spent on **food, school fees and investment in farming inputs or business**, starting a virtuous cycle of development and progress.



**1.1 million people** experiencing better health thanks to reducing use of air-polluting kerosene lamps. This includes reduction in respiratory illness, coughing, eye irritation and chest problems.



**210,000 tonnes of carbon dioxide\*** emissions averted due to reduced kerosene lamp use.



Families also talk of **improved security and safety** due to this brighter, more reliable lighting and the opportunity they have for **improved social interaction and family time**.

\*in total, over the lifetime of the solar light

The Future: We aim to bring solar lights to tens of thousands more households across the country using our innovative model to reach those most in need.



"Douglas, a small-scale farmer, bought a solar light in 2014. "I used to buy paraffin but I have abandoned it; now I use the sun. I'm not using paraffin at all anymore. This is saving me every day. The children use the light to study. It's used in the kitchen first; used for cooking, then to the children for study. I have three cows and I use the light for milking. With paraffin we were coughing. Now no longer. With the paraffin lamps, I would limit the children for studies, but now with the solar I can wake the children for studying at 4am! The solar light is more bright. Neighbours and friends see the lights and want one; they ask where they got it from."

Douglas Maobe, a father of five in Kisii

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