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## TANZANIA FACTSHEET 2014

**The Problem: Only 14% of the population in Tanzania has access to electricity, which means nearly 37.7 million people are living without power.**

The average Tanzanian household income is only \$570 per year. Rural low-income families are the 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

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

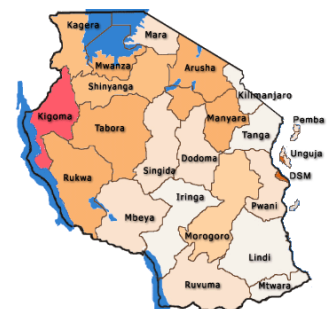
77% OF FAMILIES RELY ON KEROSENE FOR LIGHTING.

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 surplus revenue generated by SunnyMoney is reinvested back into the charity to support our goal: **the eradication of the kerosene lamp from Africa by 2020**. Tanzania is one of the six countries that we are currently working in.



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

To date the Sunny Money teams have visited every region in Tanzania except Rukwa and Pwani. These will be visited in 2014. 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. SunnyMoney sales over the last two years have bought safe, clean, renewable light to approximately 472,800 households.



MAP OF TANZANIAN REGIONS

# THE IMPACT IN TANZANIA

Solar lights have a tremendous impact on the income, education and health of families in Africa.

Our monitoring, evaluation and research provides evidence of the impact that SunnyMoney has in Tanzania.

## 2013: THE BIG PICTURE



**338,000 solar lights** sold to rural low-income families. 93% of SunnyMoney customers in Tanzania live below the poverty line.



**Two 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.



**\$85 million saved\*** for families from reducing spending on lighting alternatives like kerosene; 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.



**980,000 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.



**160,500 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.

"Kerosene was expensive for me so I did not allow [my daughter] to study at night but now she is free to study any time [with the solar light]."

Honoratha Elipidi in Tanzania

"Their academic performances have been improved much, since acquisition of this solar light... Their health has been stabilized... they no longer suffer from headache [and] coughing."

Mr Mwenga, a teacher at Ukumbi Primary School in Tanzania

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