

#### The Problem: One of Nigeria's greatest challenges

## 100 million Nigerians have no electricity

They still light their homes with kerosene lamps.

They live in a flickering haze: dirty, dangerous, and dim.



10% of kerosene users' meager income goes up in smoke. Higher oil prices are discouraging past fuel subsidies.

#### 90% of rural households are off-grid

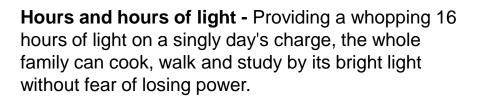
A substantial amount of people are not even on the grid Even as power improves, they will continue to rely on lanterns





#### The Solution: Simba Solar presents the 'Sun King'

Award-winning Solar Power Device Product Delivers Stunning Results: Over 16 Hours of Light Eash Day From Just a Single Day's Charge. And Zero Running Cost and Extended Lifespan



Affordable luxury - Modern technology does not mean maximum prices anymore. For the first time, the Sun King™ brings a bright, clean light, designed for the needs of the masses. 2x brighter than the "Hurricane" kerosene lantern

**Strong, water-sealed** - lamp and stand with Industrial-grade photovoltaic technology and improved cloudy-day charging. Permanently roof-mountable solar panel with aluminium frame and 5-meter cord





## A brighter, cleaner, more affordable alternative

## KEROSENE LANTERN



- Dim and flickering glow
- X High risk of fire
- **x** Emits dangerous toxic fumes
- Daily hassle of procuring kerosene
- **X** Glass globe often needs replacement
- Expensive to run (needs kerosene)





- ✓ LED bright lights with three modes
- ✓ Safe to use and no risk of fire
- ✓ Environmentally friendly; no fumes
- ✓ Just needs to plugged into solar panel
- Strong and waterproof body
- ✓ Energy from the sun is free!

# Providing a remarkable contrast in lighting of rural homes





Before After

## Investing in our children's future



Every Parent knows that their children's future depends on education. But many children struggle to study at night by a dim kerosene lamp. Sun King provides bright, white light, powered for free by the sun.

## **Empowering rural businesses**



Sun King enables small rural shops to operate beyond the hours of darkness, contributing to economic productivity of the nation and increasing the viability of this important source of rural livelihood.

#### **Enabling sustenance**



Across the world, the application of the Sun King has gone far beyond the realms of domestic use. Pictured here is a farmer checking his crop beyond the hours of sunlight.

## Sun King has experienced tremendous success in India









#### **Delivering three key value propositions**

#### **Cost Savings**



Compared to 5 liters of Kerosene or 12 batteries per month

Breakeven of 3-6 months compared to kerosene spend.

No maintenance – except for battery change after 3 years

#### Healthier Lives



Eliminates risk of fires caused by candles or kerosene.

Cleaner air, healthier families, no damage to lungs.

Brighter light; no strain on the eyes.

#### Productivity



Additional hours for studying and doing homework

Additional hours for working, particularly in rural areas

#### A Partner to Lighting Africa: A World Bank Initiative





Sun King was the winner of the World Bank and IFC contest for best product in this category

Lighting Africa is a World Bank Group (WBG) initiative which supports the private sector to develop, accelerate, and sustain the market for modern offgrid lighting technologies tailored to the needs of African consumers.



Sun King was one of two winners in the World Bank and IFC contest for best for products with high affordability







Sun King won form entrants of 29 countries in the global Solar for All Design Contest run by Deutsche Bank



#### ...because energy is a human right

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