

The SolarBerry

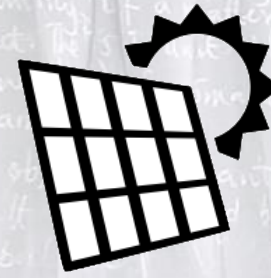
A self-financing, community-owned, off-grid computer lab powered by solar energy with energy-efficient Raspberry Pi computers.



The Problem



1.7 billion



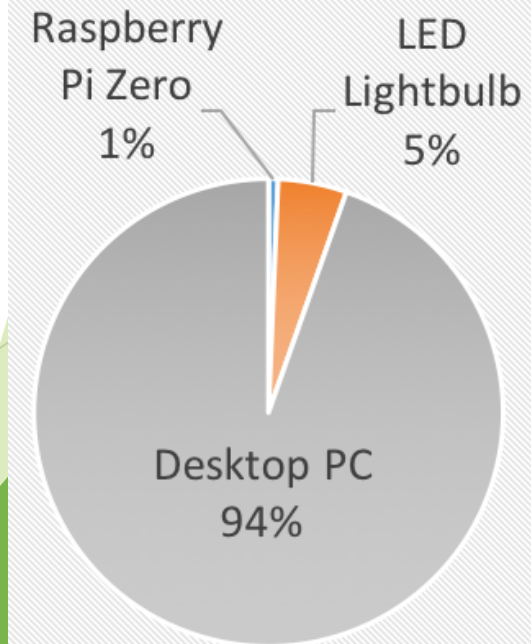
4 billion



■ Without (93%) ■ With (7%)

The SolarBerry Solution

- ▶ TT's SolarBerry has been designed by a comprehensive team of engineers



The SolarBerry



Educating 250+ students & 1,000+ adult learners a year

The Market

- ▶ 750 million without access to a PC
 - ▶ But 329 million have mobile phones
- ▶ Off-grid communities pay for charging
 - ▶ Diesel generators = \$0.04 USD per charge (4 cents)
- ▶ The SolarBerry provides cheap, clean energy
 - ▶ Solar = \$0.002 USD per charge (1/5th of a cent)
- ▶ 3 years to recoup \$20,000 investment through community based lease-to-own scheme

What We've Done



- ▶ We've brought £442,000 worth of IT equipment and training to schools in Kenya, Ghana & Malawi.
- ▶ Installed 2,000 computers in African classrooms, supporting 15,000 students.
- ▶ Developed and tested our offline e-library for independent community learning
- ▶ Designed the SolarBerry which will be installed in July 2017

The SolarBerry

Using tech innovation to provide realistic & holistic renewable energy solutions for Africa.

