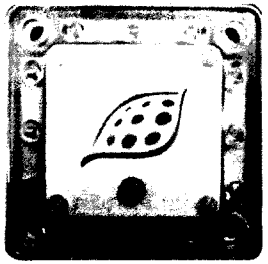
ROTARY SOLAR LIGHT

A Project of Rotary Club of Sutherland D 9750



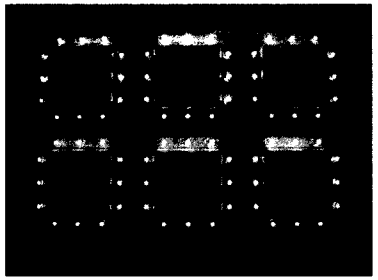
"Rotary Lights Up The World"

THE PROJECT

The aim is to provide solar lights to people of the world who don't have lighting and can benefit from lights by a self help Micro-Business program.

THE PRODUCT

We offer a unique, affordable, lightweight &robust solar light that is easy to use, hard to break and gives 8 hours of light per charge. It has two brightness settings and a unique clipping capability which allows the lights to be clipped together for greater lighting capability. A panel of lights can have a broader use.



THE BENEFITS

New Dimension - Provide lights to the half billion that don't have any lights at all.

Reduce poverty – By replacing existing kerosene lamps which reduces costs dramatically.

Increase Health - Reduces the harmful effect of the fumes from kerosene.

Prevent Fire Hazards – Less fire in the home means less accidents.

Enable students – Gives greater opportunity for study at night.

Educate People - In business processes

Empower Women - creating greater gender equality and opportunities for women.

Empower Communities - By enabling them to run their own Micro- Businesses

Low Cost - $6 per light (Plus some admin fees)

Cost Neutral to Rotary Clubs

FACTS

One quarter of the world's population live without grid-connected electricity

The World Bank estimates that 780 million women and children are breathing toxin- laden kerosene fumes, which is the equivalent of smoking two packets of cigarettes per day.

Kerosene lighting costs up to one third of the household income in many developing countries

Kerosene lamps are the leading cause of household fires in developing countries

Kerosene emits 2.76 kilograms of CO_2 per litre burned.

SPECIFICATIONS

Dimensions: 9x9x2.5cm 140gms packaged

3000 lights shipped per cubic metre

6 LEDs produce 16 lumens; 12 LEDs produce 32 lumens

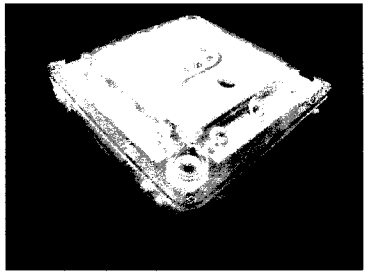
Robust triple function push button (off, half light, full light)

Replaceable batteries

Strong clip-together system to form a panel of lights

Lifespan - 2 years

Eight hours in sunlight will produce eight hours of light

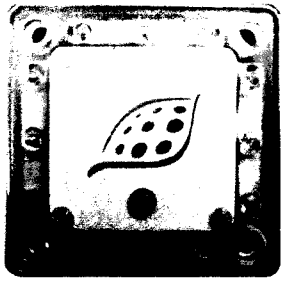


FEBMU

"SHARE THE LIGHT"

By participating in this wonderful enterprise we help people learn, develop and grow healthier.

We create a sharing capability by each helping the micro-business grow which will, in turn, create other business opportunities



Buy some lights
Get started!

For further information contact:

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MICRO-BUSINESS

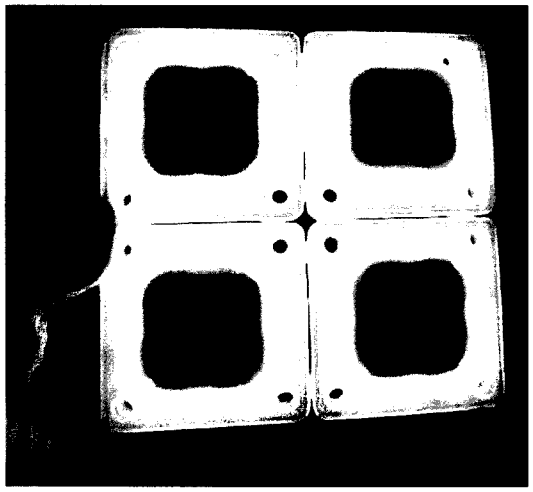
By establishing a micro-business environment we educate the people to learn to save, learn to work for their own benefits and develop and sustainable existence. They learn to manage their money and reap benefits.

HOW IT WORKS

A pod is established. This could be a person or group of people willing to trade. They promote the Solar Light and establish a demand for the product.

They then sell lights to the public by either a single payment or by establishing a "hire-purchase" arrangement. The pod takes a small margin as profit to create the business. If hire-purchase is used a funding capability would need to be established through the Rotary club. This could start quite small and enlarge as confidence grows. There is a definable risk at this point. A combination of single payment and hire-purchase alleviates some of the risk.

To establish the business some seed funding may be necessary. Also to establish interest some lights may need to be donated to the pods.

STEP BY STEP PROCCESS

1. Create a RAWCS project within your Rotary club. Register it with RAWCS
2. Align with a Rotary club in developing country. (If no Rotary club try another NGO or group). Tell them about the opportunities.
3. Have the foreign club set up Micro-Business pods and provide training.
4. Buy lights from Sutherland Rotary Club
5. Sell lights to overseas club (plus small admin fee)
6. Have overseas club on sell the lights to the micro-business pods (plus small admin fee)
7. Monitor the progress
8. Grow the business –
    a. Establish more pods with that Rotary club
    b. Establish more overseas club alignments
9. Establish more pods