

ANTENNA TECHNOLOGIES

International NGO developing smart-technology solutions to cover the basic needs of low-income populations

Sustainable and low-cost lighting systems

HIGH YIELD LED LIGHTING FROM OLD BATTERIES

OUR MOTIVATIONS

In remote places where villages are not connected to the grid, light is yet a luxury. We intend to make it a good accessible to all. Why? After sunset, light is essential for at least three reasons:

- CHILDREN ATTENDING SCHOOL NEED LIGHT TO BE ABLE TO DO THEIR HOMEWORK
- LIGHT PROVIDES SECURITY TO THE COMMUNITIES, ESPECIALLY WHEN ROADS WITH TRAFFIC CROSS VILLAGES
- LIGHT PLAYS AN IMPORTANT SOCIAL ROLE, STIMULATING GATHERING AND EXCHANGES BETWEEN PEOPLE

OUR INNOVATIONS

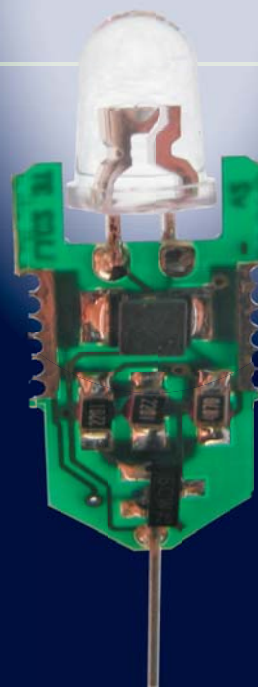
STATIONARY LIGHTING

Combining a powerful LED with a charge indicator, we provide light during months from most worn-out car batteries and assist users in the good management of their batteries.

COURTYARDS AND PORCHES
LIGHT IN HOMES
STREET LIGHTING
GATHERING PLACES



Worn-out car batteries often still have a huge charging capacity for low voltage applications. They can offer top-quality lighting at very low cost, while preserving the environment.



MOBILE LIGHTING

The integration of an innovative micro-chip onto a LED makes it usable with any torch! This enables supplying numerous hours of light with worn-out 1.5V batteries, which would otherwise be useless.

TORCH LIGHTS
TABLE LAMPS
KITCHEN LIGHTS
BICYCLES



Most devices can only extract 50% of the chemical energy contained in 1.5V batteries. Our innovative circuit enables using their full potential with a very high yield.

ONGOING DEVELOPMENT

Multi-purpose charging station



Batteries



Drinking water treatment



Electronic devices

WHAT BENEFITS ?

- SUSTAINABLE VALORISATION OF BATTERIES & DANGEROUS WASTE REDUCTION
- ENERGETIC AUTONOMY FOR LOW-INCOME POPULATIONS IN TERMS OF LIGHTING
- IDENTIFICATION OF A MARKET FOR LOW-COST LIGHTING THROUGH FIELD TESTING IN VARIOUS COUNTRIES
- JOB CREATION FOR ASSEMBLING AND DIFFUSING THE DEVICES



antenna technologies

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