

**ENERCAP's SunLighting™ PROGRAM:
REPLACE KEROSENE LAMPS WITH HIGH TECH
Enerlite™ SOLAR LANTERNS**



THE FACTS :

- ★ 300 million kerosene lamps used each day in Africa.
- ★ Numerous deaths caused by fire and particles given off by the lanterns, respiratory diseases, burns.
- ★ Kerosene for lighting represents 10 to 30% of a household's expenses.
- ★ The cost of kerosene subsidies is a large financial expense for the states.

OUR SOLUTION: SunLighting™

- ★ A turnkey solution to replace kerosene lanterns by **Enerlite™** portable Solar Lanterns; reliable, high performing and low cost lanterns that provide brighter and more steady light.
- ★ The Project is eligible for international carbon financing.

THE BEST SOLUTION TO ERADICATE KEROSENE LANTERNS

ENERCAP'S SunLighting™ PROGRAM

The **SunLighting™** Program allows African countries to replace at low cost millions of kerosene lanterns by the best available technology on the market. Because of the reduction of kerosene needs and the reduction of subsidies and Carbon Credits, the profitability of the Project is excellent for the States.



Limited usage

Unlimited usage



High fuel cost
(40 to 50 L / year)

Dangerous

Polluting

Free energy
(from the sun)

No negative health
impacts

Clean

A TURNKEY SOLUTION

An integrated approach, including all necessary services for your project:

Preliminary studies

- Definition of the project structure
- Definition of the product's technical specifications

Outline of the
implementation

- Outline the distribution and implementation process

Installation of a local
production facility

- Local production facility to supply lamps across the country and to the region

Financing

- Support in financial procurement and carbon finance

Communication

- Support for the awareness campaign and elaboration of the marketing plan

THE Enerlite™ RANGE

A Lamp of Each Need



Enerlite™ V4 Classic

- >50 lumens
- LiFePO₄ Battery
- Built in light sensor;
- Auto-shutoff in the light
- ~30 cm² solar panel
- > 7 h daily run time

- ★ A solid and waterproof lantern
- ★ Simple and ready to use

Enerlite™ V4 Plus

- >65 lumens
- LiFePO₄ Battery
- Built in light sensor; Auto-shutoff in the light
- ~40 cm² solar panel
- > 8 h daily run time

- ★ A unique lighting power
- ★ The longer lighting time on the market

Enerlite™ V4 Premium

- >65 lumens
- LiFePO₄ Battery
- Built in light sensor; Auto-shutoff in the light
- ~40 cm² solar panel
- > 8 h daily run time
- Integrated USB cell phone charger

- ★ An Ecofriendly battery, lasting 5 years
- ★ Universal mobile phone charger



Enerlite™
V4

ADVANTAGES FOR THE COUNTRY

Beyond the socio-economic advantages for the population, the implementation of the **SunLighting™** Program will provide the necessary starting point for the **massive development of high performance Lamps in Africa**. The allocation of renewable technologies and techniques, the transfer of expertise and knowhow offered by ENER-CAP allows large scale replication of similar projects in Africa, creating local income and

Large scale replication

Household savings

Local production

Massive distribution of renewable
technology

Kerosene subsidy reductions



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