

## ENERCAP SolarStreetLite™ : SOLAR STREET LIGHTS TO ASSURE THE SOCIO-ECONOMIC DEVELOPMENT OF VILLAGES



### THE FACTS:

- ★ Villages without electricity network.
- ★ Few lighting in the streets and villages
  - ⇒ This is a **considerable barrier** to the socio-economic development of villages
  - ⇒ Notorious nighttime **insecurity**

### OUR SOLUTION ENERCAP : SolarStreetLite™:

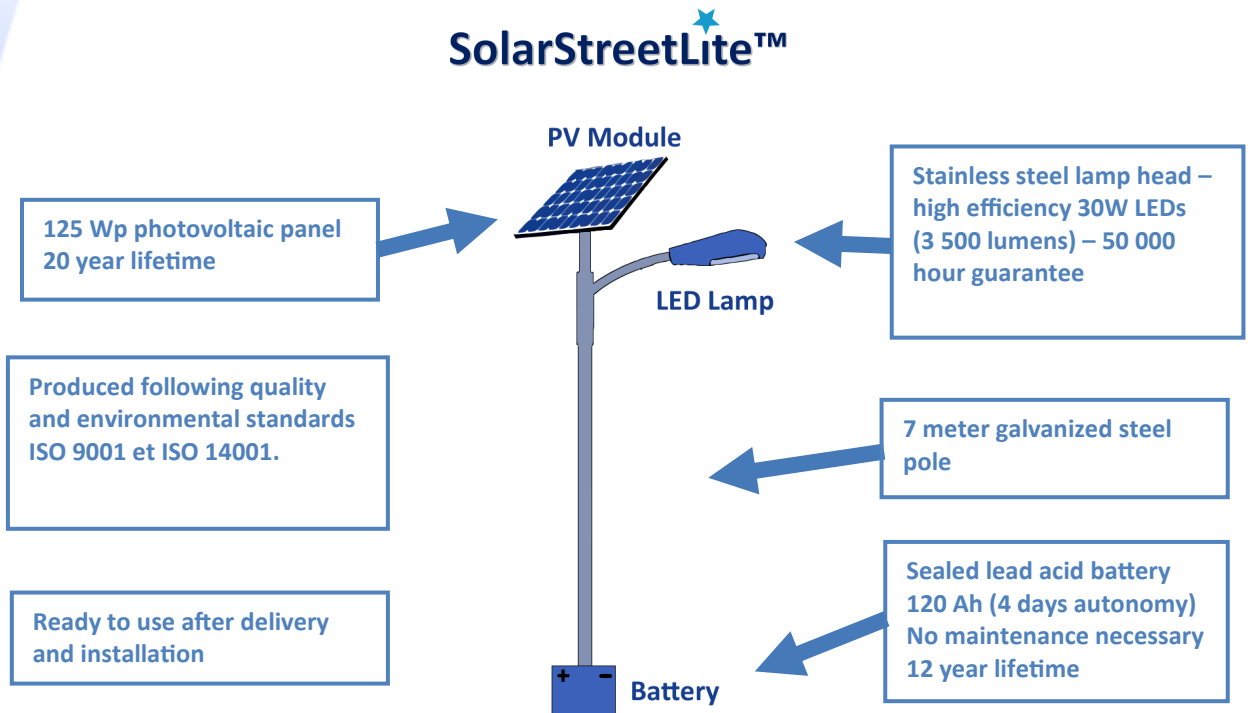
- ★ Solar streetlights that function independently, off grid
  - ⇒ **Very little necessary maintenance**
  - ⇒ A quality source of light for public areas
  - ⇒ Very high autonomy
- ★ **SolarStreetLite™** is **adaptable** to the size and needs of the village.
- ★ A **simple, economic and quick** to implement solution, with solar panels that last **20 years**
- ★ The project is eligible to **international financing**

**AN OPTIMAL SOLUTION FOR LIGHTING IN ISOLATED ZONES**

## PRESENTATION OF THE STREETLAMPS

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An example of a **standard** streetlamp **SolarStreetLite™** with a high quality battery to recharge during the day and provide energy all night.



Our formula: a **flexible system** in function of the need (size of panels, autonomy of the battery, output of the LEDs, height of the pole etc.) with a **programmer and a solar charge regulator**.

We also offer streetlamps with **two lamp heads** (for lighting on both sides).

## A TURNKEY SOLUTION

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Thanks to an integrated approach, we offer all the services related to the project, and in particular, the identification of the installation needs:

1. **Financial procurement** (international institutions)
2. **Study of the electric demand** (in function of the available sunshine, the needed autonomy, and the necessary luminous intensity)
3. **Optimal implacment study** using the CapQuality™ method
4. **Delivery, installation, and implementation**
5. **Maintenance employees training to guarantee self-management by the village**
6. **Awareness campaign**
7. **Carbon finance**

## ADVANTAGES OF OUR SolarStreetLite™ SOLUTION :

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- ★ Lighting of high nighttime use zones: markets, cultural areas, shops, etc.
- ★ Significant increase in nighttime **security**
- ★ Increase **economic activity** thanks to the ability to work longer, increasing sales
- ★ Increase **social life** in the town with the possibility to hold events after nightfall: football matches, open air shows, dances, etc.
- ★ A project to unite the whole village
- ★ Make the town a social and economic hub.
- ★ **No electric connection, no bills**



**SolarStreetLite™** responds to all the needs of the rural population: high quality lighting that works all night long to insure nighttime lighting in public areas.

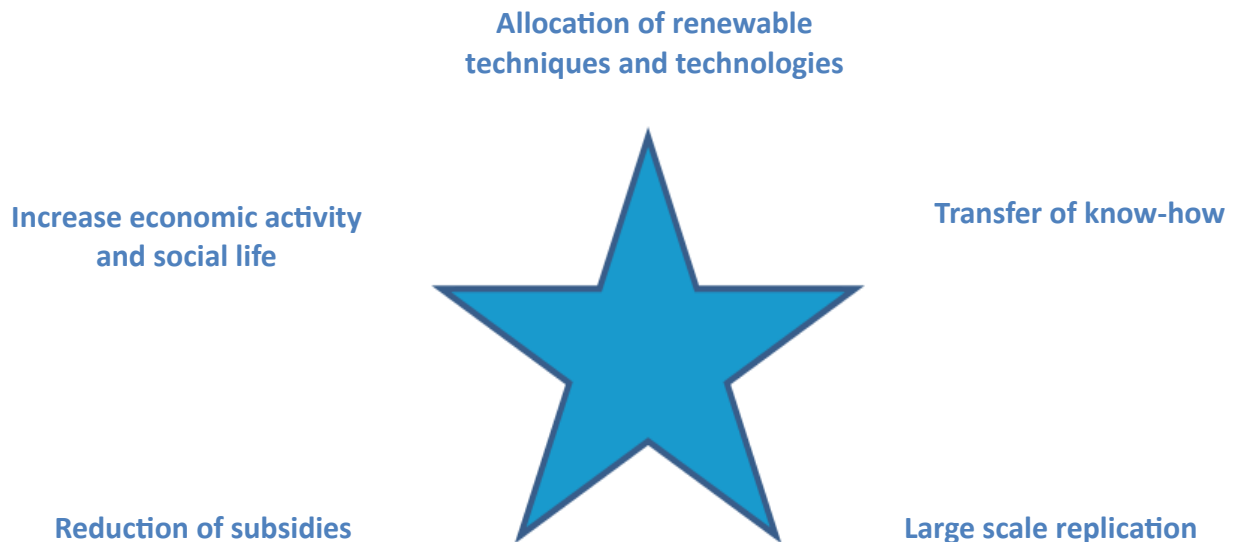
**USING A FREE, UNLIMITED AND VIRTUALLY INEXHAUSTIBLE ENERGY SOURCE**

## ADVANTAGES FOR THE COUNTRY

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Beyond the socio-economic advantages for the population, **SolarStreetLite™** will form a base for the massive development of renewable energies in Africa.

The allocation of techniques and renewable technologies, the transfer of expertise and knowhow proposed by ENERCAP allows large scale replication of this type of project in Africa.



**ENERCAP**  
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