



LITRO DE LUZ

LITER
OF
LIGHT

COLOMBIA

**Falling walls of energy poverty
through Social Innovation.**



**1.4 billion people
without electricity
to light their homes
world wide.**

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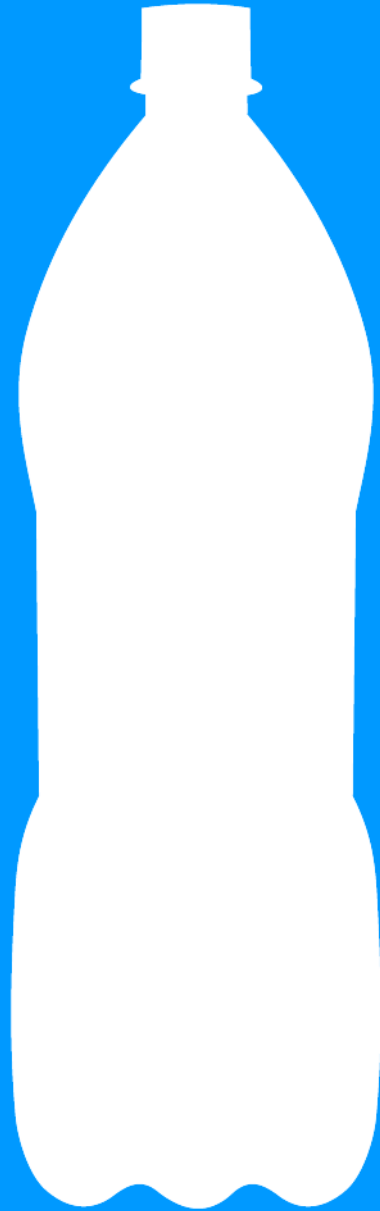
Colombian territory
of people

have no **Artesia** power

**and those places have
more domestic violence,
more illiteracy and
less social development.**

**With that on mind,
let's see one solution.**

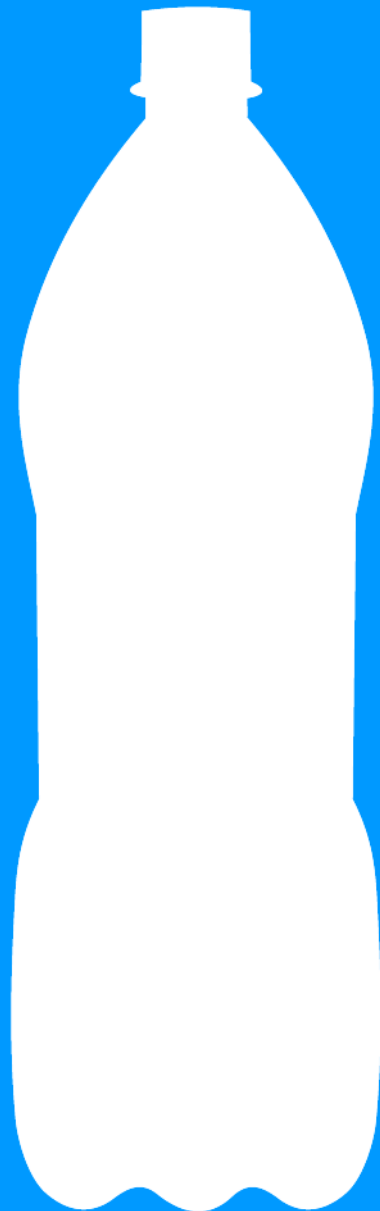
**WE
TURN
WASTE
PLASTIC
BOTTLES
INTO**



**SOLAR
BULBS**

**Do you
think that's
impossible?**

**Let's take
a look**



**SOLAR
BULBS**



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SOLAR BOTTLE BULB

Low tech, low cost and eco-friendly device

Appropriate Technology

- ✓ Made from readily available materials
- ✓ Easy to build – basic carpentry skills
- ✓ Replicable and sustainable in the communities.



SOLAR BOTTLE BULB

Readily Available Materials



- ✓ PET soda bottle
- ✓ Galvanized Iron (GI) sheet
- ✓ Epoxy/Rubber sealant
- ✓ Bleach
- ✓ Filtered Water

SOLAR BOTTLE BULB

Benefits



- ✓ Provides ~55 watts of light.
- ✓ Lifespan of 10 years.
- ✓ No emits CO₂.
- ✓ No fees.

**Ok, let's see this technology
in Action.**



Before and After.



GOAL

Give the GIFT of LIGHT to
10.000 homes by 2013

SHARE the light

Sharing the vision to government, organizations, private corporations & individuals thru partnership programs and volunteerism.

SPREAD the light

Spreading A Liter of Light to the different parts of the country and the world thru discussions, social networking, internet and media.

SEED the light

Seeding the solar bottle light technology in the communities thru empowerment – caravan, bike to light, trainings and other programs.

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**THAT'S AN
AMAZING
DEVICE
BUT
WORKS
AT NIGHT?**



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**Not really and because of that
we are developing new devices
like the 'PLUGSUN'.**



PULGSUN

is a rechargeable lamp which uses solar power.

It promises:

- ✓ 24 hours of light.
- ✓ Easy to use. Easy to carry.
- ✓ Use it as a lamp or a panel.
- ✓ Battery lifespan of 3 years.



Simulated image



**We are making the World
a sustainable place to LIVE
Would you like to join us?**





Zambia



Kenya



Vietnam



India



Colombia



LITER OF LIGHT



Filipinas



Argentina



Perú



Suiza



Uganda