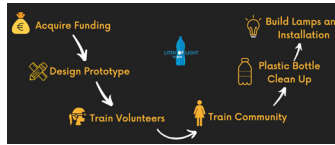


# Litre of Light, Masaai Mara Region, Kenia



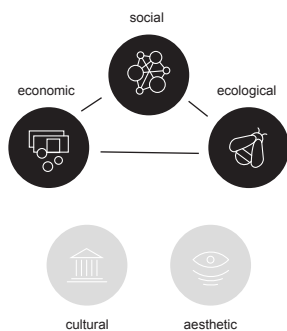
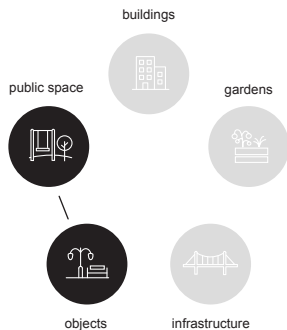
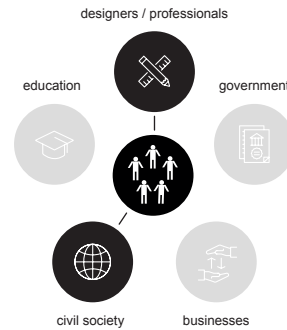
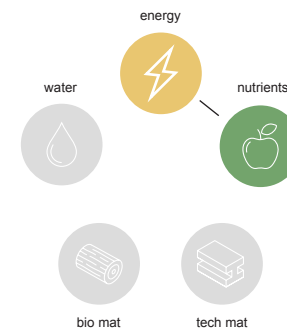
Masaai Mara Regions, Kenia  
2020  
<https://litteroflight.org>  
<https://www.ethnodesign.org>

images: <https://litteroflight.org/ethnodesign>

**Litre of Light is a global, grassroots movement committed to providing affordable and sustainable solar light to people with limited or no access to electricity. Through a network of partnerships around the world, Litre of Light volunteers to work with marginalized communities to teach them how to use recycled plastic bottles and locally sourced materials to illuminate their homes, businesses, and streets. Litre of Light has installed more than 350,000 bottle lights in more than 15 countries and taught green skills to empower grassroots entrepreneurs at every stop. Litre of Light Kenya is carried out by social design studio Ethnodesign.**

## Enablers

The community itself does not have the knowledge, finance, tools or skills to provide for sustainable solar energy. Through the global movement a social design company is able to provide local communities in the Masaai Mara region with the materials, knowledge and skills so the local people can operate the lights.



## Resources

The project ensures that individuals can have light in their homes at night, which could encourage studies and reading. The lights can also be used as street lights in the collective spaces, which helps to keep wild animals that come to feast on crops and cattle at bay. These animals would otherwise be shot in order to protect local residents' livelihood. Although the lights are made of recycled plastic bottles, the resource loop is not fully closed: there is no plan what to do bottles once the light is broken. There is a high risk the bottles might be just disposed of as waste.

## Actors

Litre of night is a global grassroots movement that works with a network of partnerships around the world to teach local communities with no access to electricity how to use recycled plastic bottles to make a light. In Kenia Litre of Light works with the social design company Ethnodesign, based in Nairobi.

## Spatial elements

The project uses plastic bottles, a solar panel and wiring to make a simple electrical light, which can be used as an urban object in collective or public spaces but also within homes.

## Values

The initiative leads to more sustainable ways of lighting homes and public spaces in marginalized communities, saving them money and providing new opportunities. The professionals teach the community how to make the light, providing them with new knowledge and skills.