



Sun & Wind harvest

- ECOLOGY
- SILENCE
- POWER
- AUTONOMY



> DESCRIPTION

5 strong advantages of our **nheolight** :

ECOLOGY : the **nheolight** is powered by two natural and unlimited resources: **sun** and **wind**. Moreover, its unique design allows a perfect integration to the surrounding area.

SILENCE : the unique blade design of the **nheolight** is a work of art in itself: it does not cut the wind. As a consequence, independent labs declare sound level of the **nheolight** less noisy than the surrounding noise and the wind itself: an amazing feature of our technology.

POWER : our wind turbines are designed with winds between 10 and 160 km/h and work hand in hand with up-to-date solar panels. Rainy/Cloudy days are usually windy while sun energy powers up the battery through our high quality solar panels on windless days. Thus, both work as a team providing near constant energy supply to the battery.

AUTONOMY : the **nheolight** is a fully off-grid product (no wiring and connecting needed): it produces its own energy. A full charged **nheolight** can provide 12 hours of night light for 5 full days before requiring to be recharged by wind or sunlight.

LIFE TIME : the synergy «wind + sun» reduces the number of complete charging cycles of the batteries. This extends their life time by a coefficient of 2 to 3. Moreover, the usage of a hermetic case ensures that the battery will keep dry and is safely protected underground.

> INNOVATION



The self-powered street lights of **nheolis** are using high efficiency LED lamps ultimate generation solar panels and patented 3D blades adapting for the first time the Bernoulli principle to small wind turbines conception. Associated with components specifically developed for the **nheolight** like the generator, the 3D sail brings an excellent energetic efficiency and a low sound level.