



**Save  
Energy  
and recover  
the Stars**

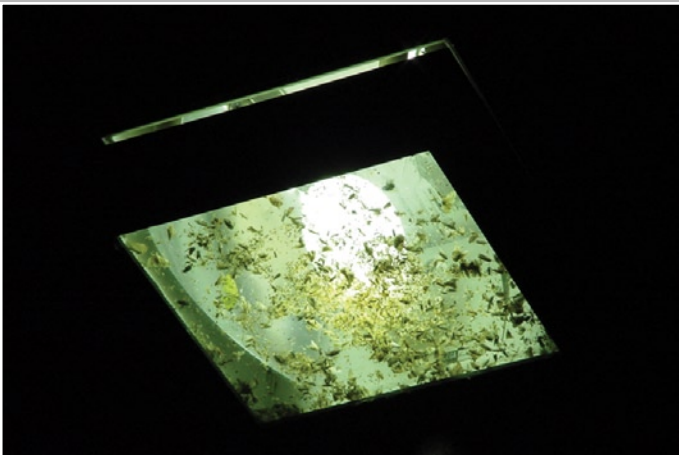




## Light or noise

Avoiding the noise of outdoor lighting

Excess illumination of our towns and cities is not a sign of development nor increases safety. It is simply an act of ignorance. Waste of artificial light increases energy consumption and is economically unjustified. It also increases the level of emissions that contribute to climate change.



## Starry sky

Recovering the vision of the starry sky

At present most people in Europe do not have the possibility to see the Milky Way. The increase in light and atmospheric pollution is blotting out the stars from our sky, causing the deterioration of a legacy with strong cultural, scientific, environmental and aesthetic repercussions.



## Light and life

Protecting biodiversity and promoting healthy cities

Light pollution has a negative effect on many species of plants and animals, including migratory species, both in urban areas and in the rural and natural environment. Obtrusive light can affect people's health, by changing circadian rhythms. Reducing the emission of artificial light helps protecting life and the natural component of cities.



# Solutions

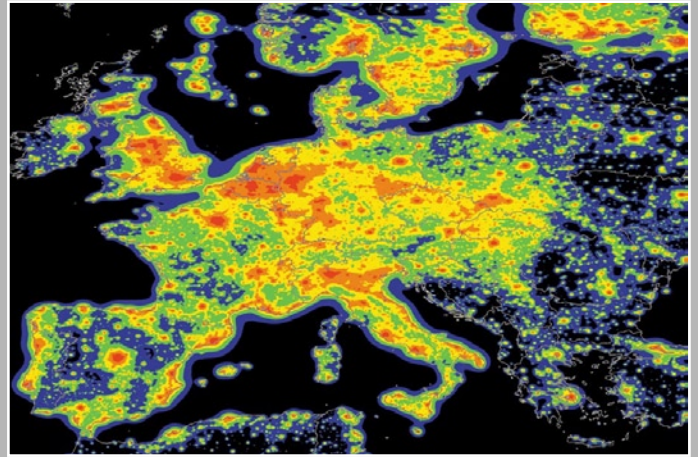
Promoting outdoor lighting intelligent systems  
It would be enough to follow three principles. First, only illuminate what needs to be illuminated. Second, make use of outdoor lighting only when needed. Finally, use luminaires that completely avoid light emissions towards the horizon or up to the sky. It is absurd to waste energy sending light to the stars.



# Innovation

New windows to the lighting technology

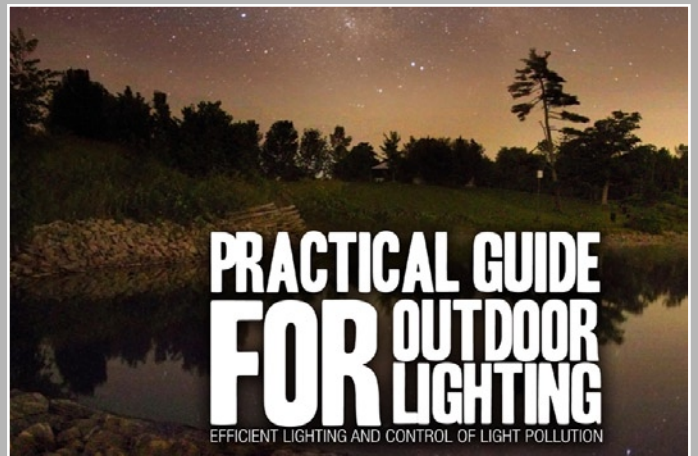
Eco-efficient technologies exist today that allow limiting light pollution: luminaires, sensors, flux and time regulators, motion detectors and new generations of lamps. It is possible to use more efficient lamps that do not emit wavelengths that are harmful to the environment, avoiding the use of white light, including white LEDs.



# The Commitment

Towards a new culture of outdoor lighting

Limitation of light pollution and recovery of the quality of the night sky should be part of the new culture of sustainable cities committed to climate change. The Covenant of Mayors and the Urban Futures Programme (UNESCO-MaB), are ideal frameworks for cooperation and replication of solutions.



# STARLIGHT OFFICIAL EVENTS OF THE EUROPEAN SUSTAINABLE ENERGY WEEK

April 11th, 11:30 h

Presentation and public events  
*The Amalfi coast towards the  
use of alternative energy and the  
defence of the starry sky*

Organises: Associazione Costiera  
Amalfitana Riserva della Biosfera  
ONLUS

Venue: Vietri sul Mare, Amalfi  
Coast, Italy.

April 12th, 19:00 h

Conference and Debate  
*The Starlight Initiative.*

*Recovering the stars by saving  
energy*

Organises: Vitoria Municipality /  
Starlight Initiative

Venue: Palacio Villasuso, Vitoria-  
Gasteiz.

April 13th, 9:30 h

Presentations and debate  
with the participation of local  
authorities

*Energy efficiency and starry  
sky protection join together to  
promote responsible ecotourism*

Organises: Government of La  
Rioja / Starlight Initiative

Venue: RIOJAFORUM, Palacio de  
Congresos y Auditorio de La Rioja.

April 14th, 17:00 h

Public event for the adoption of the  
Starlight Declaration

*Valle de Mena, a Star Park that  
promotes the commitment to  
energy efficiency*

Organises: Valle de Mena

Municipality / Starlight Initiative

Venue: Residencia de Ntra. Sra. de  
Cantonad, Valle de Mena, Burgos.

April 14th, 12:00 h

Presentation

*Practical Guide for Outdoor  
Lighting*

Organises: OTPC-IAC / Starlight  
Initiative / UNESCO-MaB

Venue: Instituto de Astrofísica de  
Canarias, La Laguna, Tenerife.

April 14th, 19:00 h

Presentation

*SMALL NIGHT LIGHT Project*

Organiser: Estación Biológica de  
Doñana - CSIC / Starlight Foundation

Venue: Pabellón del Perú / Casa de  
la Ciencia, Seville.

April 15th, 11:00 h

Presentation

*The commitment of Fuerteventura,  
UNESCO Biosphere Reserve*

Organiser: Fuerteventura Island  
Council - Biosphere Reserve /  
Starlight Initiative

Venue: Cabildo de Fuerteventura,  
Puerto del Rosario, Fuerteventura.



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