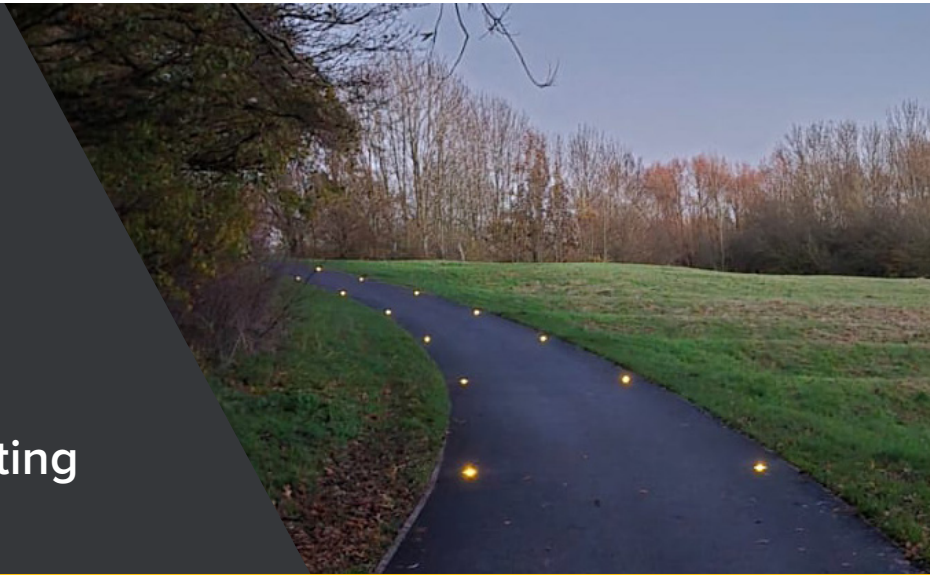


CASE STUDY

Year-round use for
Cambridge cycle paths
thanks to ecologically
friendly solar ground lighting



THE CHALLENGE

Cambridgeshire County Council were undertaking a scheme to encourage active travel on key pedestrian and cycle routes connected to the city centre and beyond.

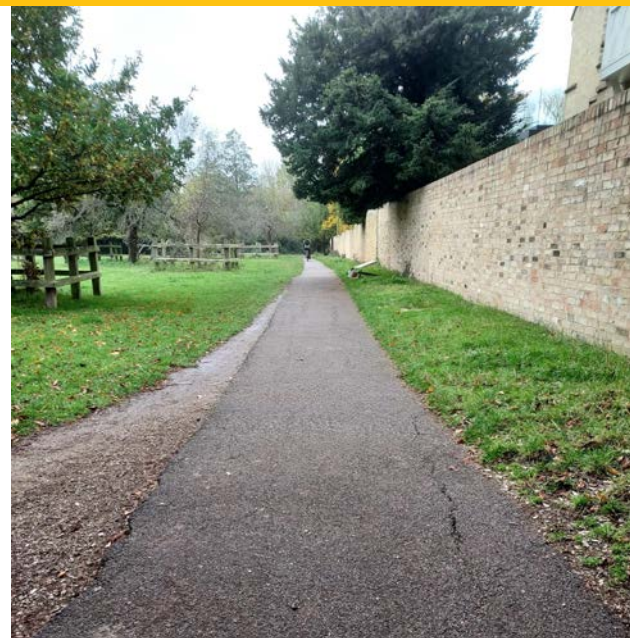
There were three areas they wanted to focus on, these were

- Lammas Land – a popular park in southwest Cambridge,
- Coe Fen – a semi-rural meadowland to the east of the River Cam in the south of the city, and
- Driftway – a live road used for access to Lammas Land.

With public safety in mind and to encourage more people to use the footpaths throughout the year, the need for new wayfinding lights had been identified.

However, with a moral and legal obligation to ensure that any changes to the historic, unique and natural landscape were not at the detriment of the local wildlife, Cambridgeshire County Council needed to ensure that the measures to improve cycling infrastructure, safety and wayfinding were ecologically sensitive.

Considering budget constraints, the lighting solution had to be both cost effective and low maintenance. With no access to mains power and the high expense and potential environmental impact of installing it, solar powered lighting emerged as an appealing option.



THE SOLUTION

Cambridgeshire County Council worked with Solareye to install more than two hundred environmentally friendly solar powered ground lights in Lammass Land, Coe Fen and Driftway.

The Solareye80 Bat Hat product was chosen as it is specifically designed to reduce upward light spillage by 98% and thus minimising the lights' impact on nocturnal wildlife. At the same time, Solareye80 Bat Hat ground lights provide a low cost renewably sourced level of wayfinding light for cyclists and pedestrians to safely use the routes after dark.

The site crew took into account the client's needs and suggested ways to minimise long-term maintenance of the lights, particularly concerning vegetation growth and grass verges. In some areas the lights were positioned centrally to avoid encroaching vegetation and debris build up.



THE BENEFITS

Providing wayfinding illumination across the three sites has encouraged cyclists and pedestrians to use paths that connect to key locations, including the city centre, station, hospital, and workplaces.

The council has already received very positive feedback from both local communities and international colleagues on the project.

The installation was delivered according to plan, and on time - understanding the need to complete the work before winter and with the appropriate method statement, particularly as some of the work was carried out on a live road.



WANT TO FIND OUT MORE?

If you have an area that requires night time delineation, installation of the Solareye80 ground lights is:

- Quick and cost effective installation with minimal disruption
- Easy to maintain
- Suitable for areas off the national grid
- CE accredited, IP68 and IK10 certified
- Environmentally friendly

Want to discuss a project in more detail?

Call us on **01275 872 079**, email info@solar-eye.com or visit solar-eye.com

About Solareye

Solareye is a family-owned company and one of the UK's leading suppliers of high-quality outdoor solar lighting.

We have over 30 years in the traffic, cycle and pedestrian safety industries and a history of product design, sourcing and accreditation.

We're proud of what we do and how we do it; making roads, cycleways, pedestrian walkways, and public amenities safer for people to go about their daily business or enjoy the things they love.

