

# UCC ERI DARK SKIES INITIATIVE - A CASE STUDY



UCC GREEN CAMPUS



## OUTCOMES

- € Annual Cost Savings of €2,543
- ⚡ 13,284 kWh of electricity saved per year
- 🦇 Improved habitat for native Irish bats

## KEY LEARNINGS

- Actions identified in the UCC Biodiversity Action plan were put into practice which led to an improved habitat for the native species of Irish bat that populate the UCC campus.
- Through the collaboration of Buildings & Estates and the Green Campus UCC were able to deliver significant savings in both cost and energy.

## APPROACH

The UCC Biodiversity Action Plan (2018-2023) has committed to the conservation of existing bat roosts on campus and the enhancement of foraging habitats through a number of actions. To minimise the effects of artificial lighting Buildings & Estates carried out cost benefit analysis and replaced thirty two 150 watt fixtures mounted on 5 metre poles with thirty two Disano 3290 64 watt lights. Each of these fixtures is fitted with a motion sensor. The project was successfully completed in September 2019 at a cost of €13,937 for the car park installation.

