

October - Lighting

Low Tech - Case Study



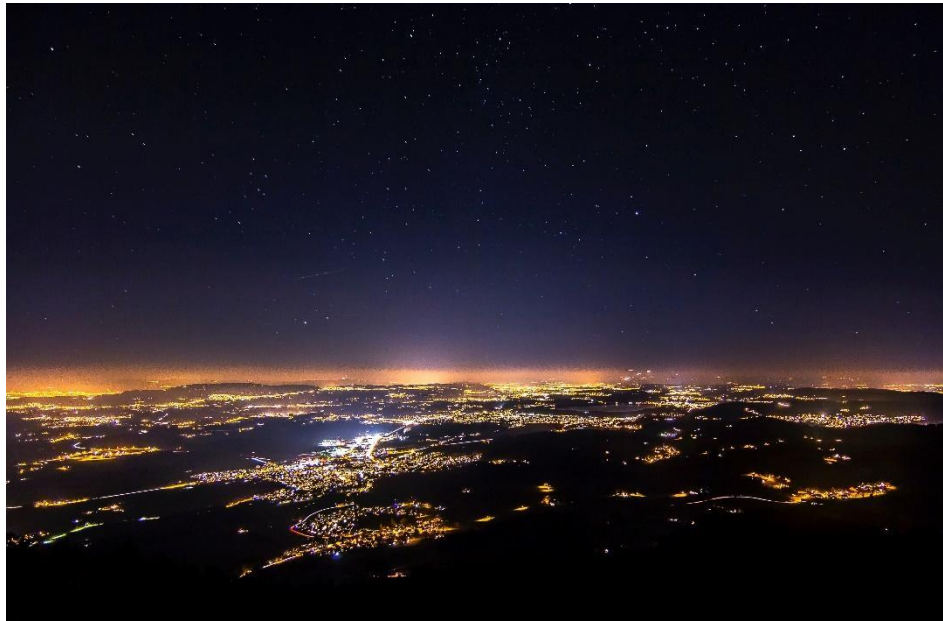
**Calendar for
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Case Study: Dark Sky Ireland

Month:	October
Topic:	Lighting
Case Study Title:	Reducing Light Pollution



Source: Unsplash, Jan Huber

Name of the Climate or Social Enterprise or Activist Group:	Dark Sky Ireland
What is their Story?	Dark Sky Ireland is a branch of the Heritage Council and International Dark Sky Association that works to limiting the amount of light pollution in our communities for the preservation of our natural landscapes and wildlife. The organisation works to preserve specific parts of the country for natural darkscapes, and to limit the amount of light pollution produced by our cities and towns.
Link to the Case Study:	Website: https://www.darksky.ie/ Light Pollution Map: https://www.lightpollutionmap.info/
Why is this a Good Example to Follow?	Night-time illumination in Ireland has nearly doubled since the 1990s, with 94% of the country remaining somewhat illuminated during the night (Magan, 2021). This has had a dramatic impact on both our diurnal wildlife and our nocturnal wildlife who depend on the dark to hunt, feed, and burrow. When the world around us remains light at nearly all times, diurnal animals wake early and sleep later causing changes in both feeding and mating habits (Friends of the Lake District, 2019). This is also an issue for




	<p>nocturnal animals who depend on the dark to hunt and feed.</p> <p>Dark Sky Ireland work to help to restore our natural darkscape by reducing the amount of lights in local areas so that the sky and stars are much more visible to the naked eye, and our nocturnal native wildlife have the ability to live safely (Dark Sky Ireland, 2019).</p>
What Impact has this case study example achieved?	<p>By working towards reducing the amount of light pollution in our cities, we can help to preserve our natural darkscape, as well as boost biodiversity in the</p> <p>It is very important that we work to reduce the amount of light pollution in our communities. The impact that light pollution has on our natural biodiversity can be very dangerous, especially for a country as dependent on our natural landscape as Ireland. By creating dedicated spaces where the natural darkscape is allowed to exist is very important to encourage our natural wildlife and biodiversity to flourish and grow.</p>
References	<p>Dark Sky Ireland. (2019). Our vision and policy on reducing light pollution in Ireland. In <i>Dark Sky Ireland</i>. https://www.darksky.ie/wp-content/uploads/2019/04/Dark-Sky-Ireland-Policy-Document-2019.pdf</p> <p>Friends of the Lake District. (2019, December 18). <i>How light pollution impacts wildlife</i>. https://www.friendsofthelakedistrict.org.uk/news/guest-blog-how-light-pollution-impacts-wildlife</p> <p>Magan, M. (2021, March 28). Light pollution: the easiest pollution to tackle. <i>The Irish Times</i>. https://www.irishtimes.com/life-and-style/light-pollution-the-easiest-pollution-to-tackle-1.4511850</p> <p>National Geographic [NatGeo]. (2022, July 15). <i>Light Pollution National Geographic Society</i>. National Geographic. https://education.nationalgeographic.org/resource/light-pollution/</p>



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