

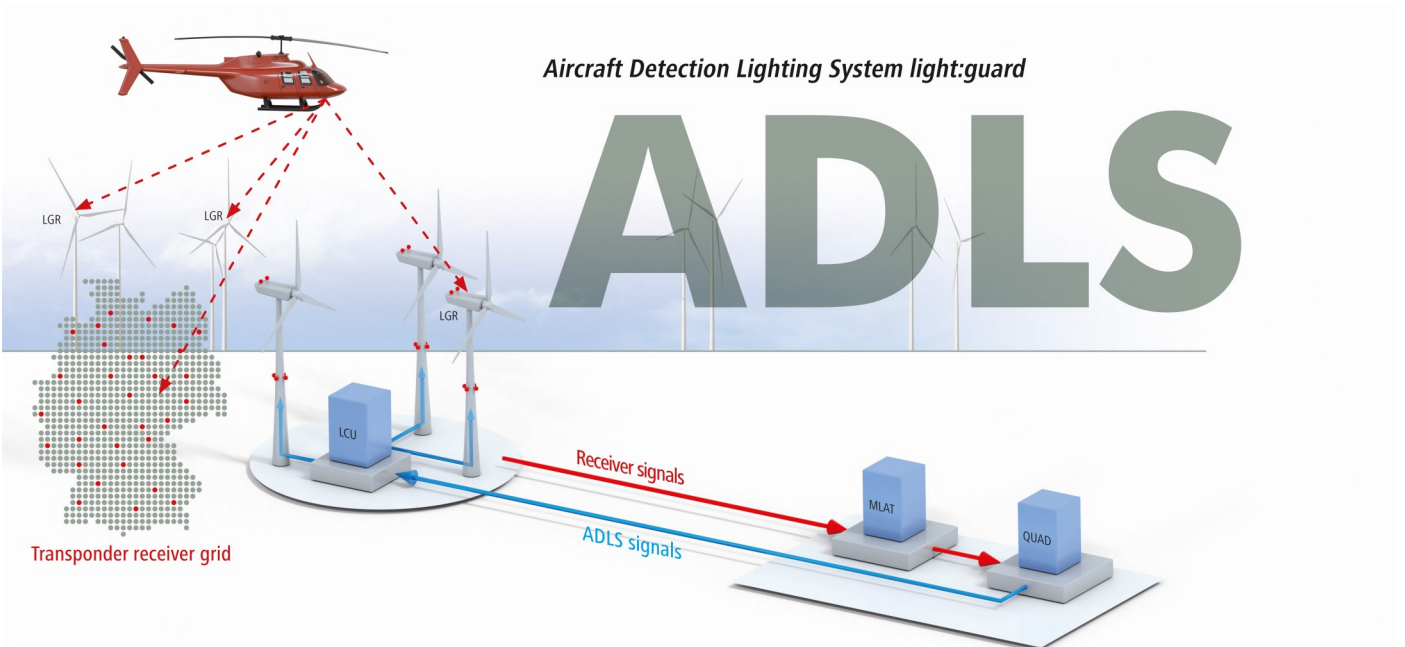


Pilot Project Wanted: Aircraft Detection Lighting System (ADLS)

About Light:Guard

We are Light:Guard, a German expert in the field of ADLS (Aviation Detection Lighting System) solutions. Through our technology, it is possible to turn off the blinking obstruction lights of wind farms. This is possible by monitoring the airspace around a windfarm and only giving an activation signal towards the obstruction lights once an aircraft is in near vicinity.

How ADLS works

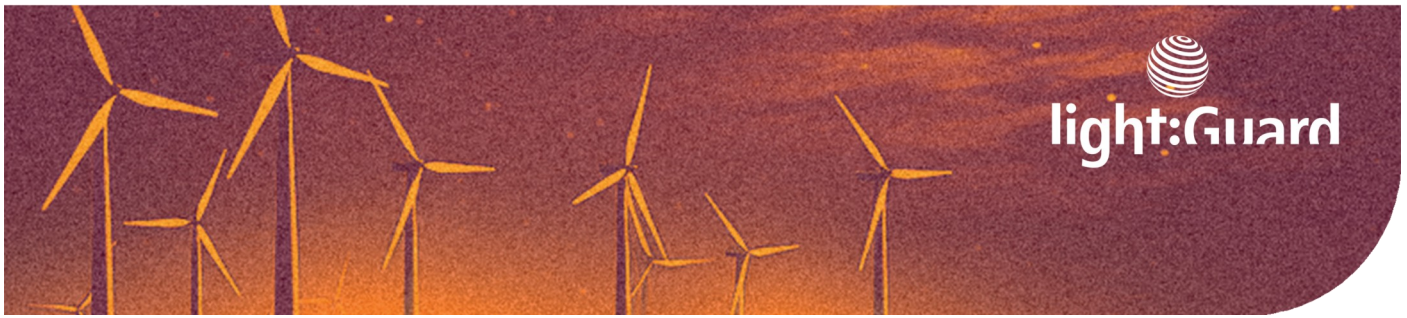


Operating principle: the light:guard Aircraft Detection Lighting System

Legal Situation of ADLS on wind turbines

In Germany, ADLS is mandatory for all wind turbines since 01.01.2025 and other countries are following suit. The IEC 61400-29 already confirms that systems like ours can be used in any country worldwide.

Transponder-based ADLS since 2008.



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First Footsteps in your country

Therefore we would like to establish a first footprint in your country to prove the benefit of our system, to gain experience with the permitting process, and of course to improve the light emissions situation for local residents and nature around your wind farm.

Our Offer

If you operate a windfarm that is under criticism for its high light emissions at night and you would like to solve this issue, we would be delighted to work together with you. Since we currently have no expertise in the UK yet, we would expect some support from the permitting side from our pilot project partner. In exchange, we offer the hardware components that need to be installed in the park for free, along with other financial advantages.

Partnership Models

We also offer interesting overall partnership models, if you or your company want to integrate ADLS services as part of your business case: here we offer the valuable opportunity to be the first in the market with us.

Requirements

Since we achieve high precision through multilateration, we need a wind farm of about 8 turbines or more order to work properly (or several wind farms that are in close proximity to one another work as well).

Interested?

Get in touch with me!

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