

## Deadline extension for conversion of on-demand night-time marking for wind turbines: REETEC already offers future-proof retrofit packages and complete solutions for Aviation Aid Systems today

- **The deadline for operators of German onshore and offshore wind turbines to equip them with on-demand night-time marking (German: BNK) has been extended to June 30, 2021.**

Under the new Energy Collection Act, operators of wind turbines on land and at sea who are obliged to mark obstacles in accordance with the licensing notice were called upon to equip their turbines with a BNK-system as of July 1, 2020. With the current decision of the Federal Network Agency, this deadline has now been extended to June 30, 2021.

As part of its comprehensive [aviation aid portfolio](#), REETEC offers customised solutions for retrofitting wind turbines both for on-demand night-time marking as well as the newly added requirement for equipping them with infrared light. It remains to be seen which radar and transponder systems will establish themselves on the market in the future. Therefore, REETEC has prepared interfaces to currently approved radar systems as well as various transponder systems that are still under development alike. The following **detection systems** for air vehicles are supported:

- **Active radar systems**
- **Passive radar systems**
- **Transponder systems**

After installation, the connected detection system is selected via the graphical user interface of the control panel. Therefore, the REETEC aviation aid system can already be installed today without hesitation, even if the final detection system is not yet defined: **interfaces to new BNK-detection systems** or updates can be easily established by means of a **software upgrade later on**.

As an amendment, the last draft of the AVV-marking (General Administrative Regulation) now also stipulates the use of infrared lights as a supplementary measure:

- **Infrared** – Due to its compact design, the currently developed REETEC infrared light can also be retrofitted to older REETEC aviation aid systems with minimal effort.

Since the law affects new and existing plants equally, REETEC's offer includes both retrofit solutions and complete replacement systems. All RE-LED2 aviation aid systems are already prepared for **BNK-retrofitting**, but older REETEC systems also become BNK-compatible through **easy-to-install upgrades** to the latest control technology with web-based monitoring and user interface. In addition, REETEC offers turn-key solutions for systems that cannot be retrofitted.

"The one-year deadline extension gives operators some more time to convert their wind turbines to BNK-operation. However, since around **17,500 existing turbines** are affected in Germany, an **immediate start** is urgently recommended today – and REETEC offers the customised solutions to equip turbines **on time**," says Claus Sejersen, Director Sales and Marketing at REETEC.

#### About REETEC

REETEC was founded 1996 in Bremen and is one of Europe's leading independent service providers for onshore and offshore wind energy. The comprehensive service portfolio ranges from operation & maintenance services (O&M), major component replacement and repair, rotor blade and tower services, electrical and mechanical assembly, electrical engineering, qualification and training to aviation aid systems.

REETEC acquired OWS Off-Shore Wind Solutions in 2017. The joint offshore service centre in Emden offers a service hub for wind turbine generators of the North Sea plus a cost effective full maintenance concept. REETEC/OWS has 330 employees. Since 2007, REETEC is part of the EDF Renewables Group.

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