



Gefördert durch:



aufgrund eines Beschlusses
des Deutschen Bundestages



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Cooperationpartner:



**Natürlich
Energie
gewinnen.**

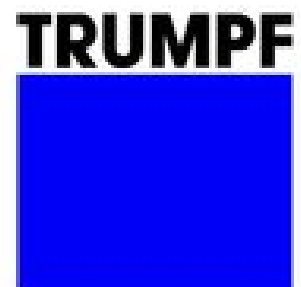


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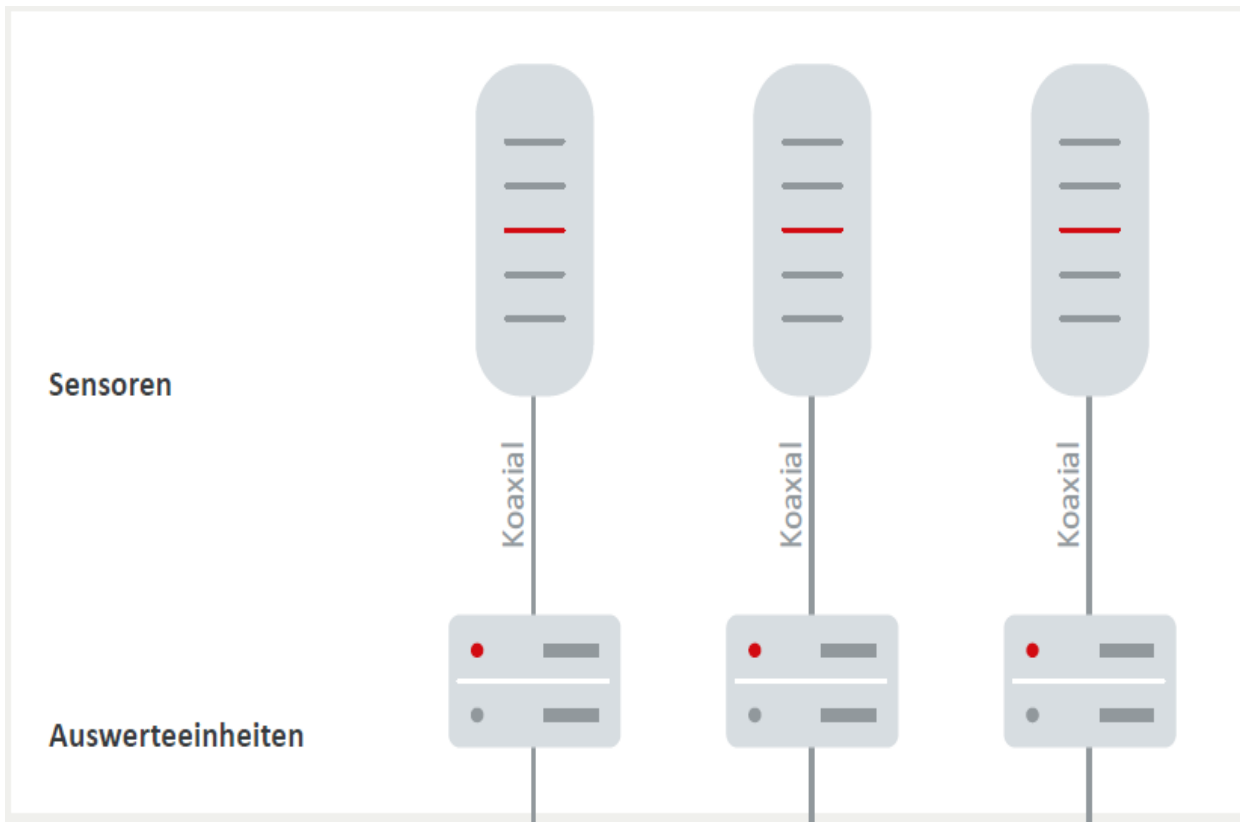


Bundesministerium
für Wirtschaft
und Energie

aufgrund eines Beschlusses
des Deutschen Bundestages



Parasol-system



The Parasol system consists of the following components:

- 3 Sensor units incl. tower mounting
- 3 Analyzing units (radios and computers) incl. UPS cabinets, and masts if needed
- 3 Cable sets
- Connector Units

Operating principle:

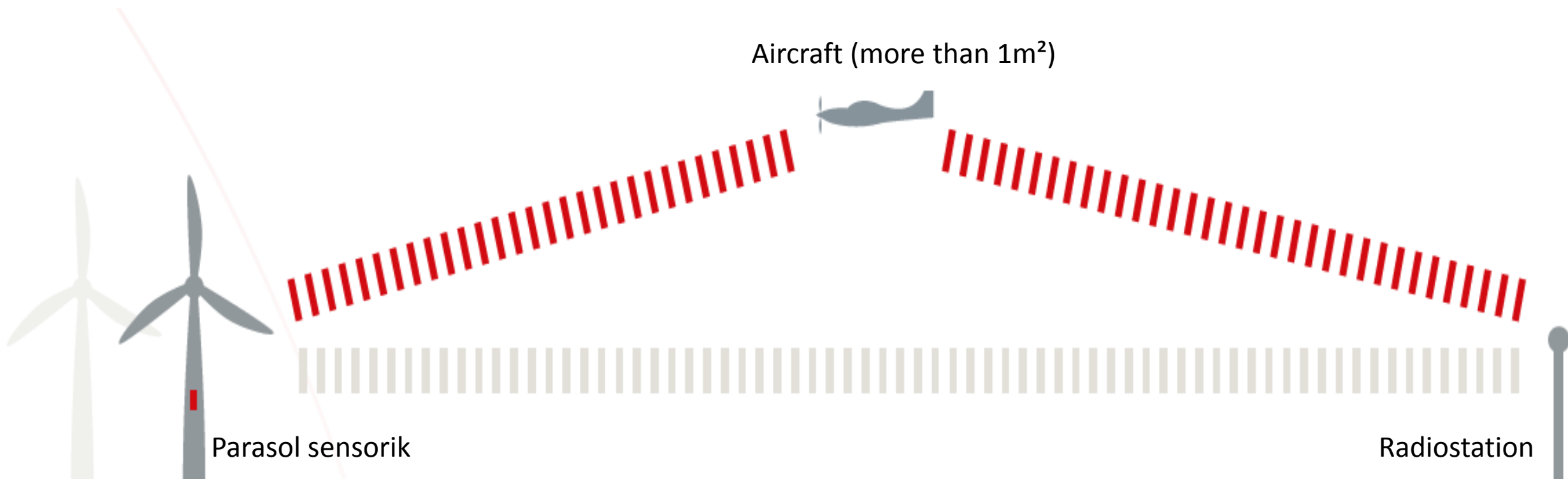
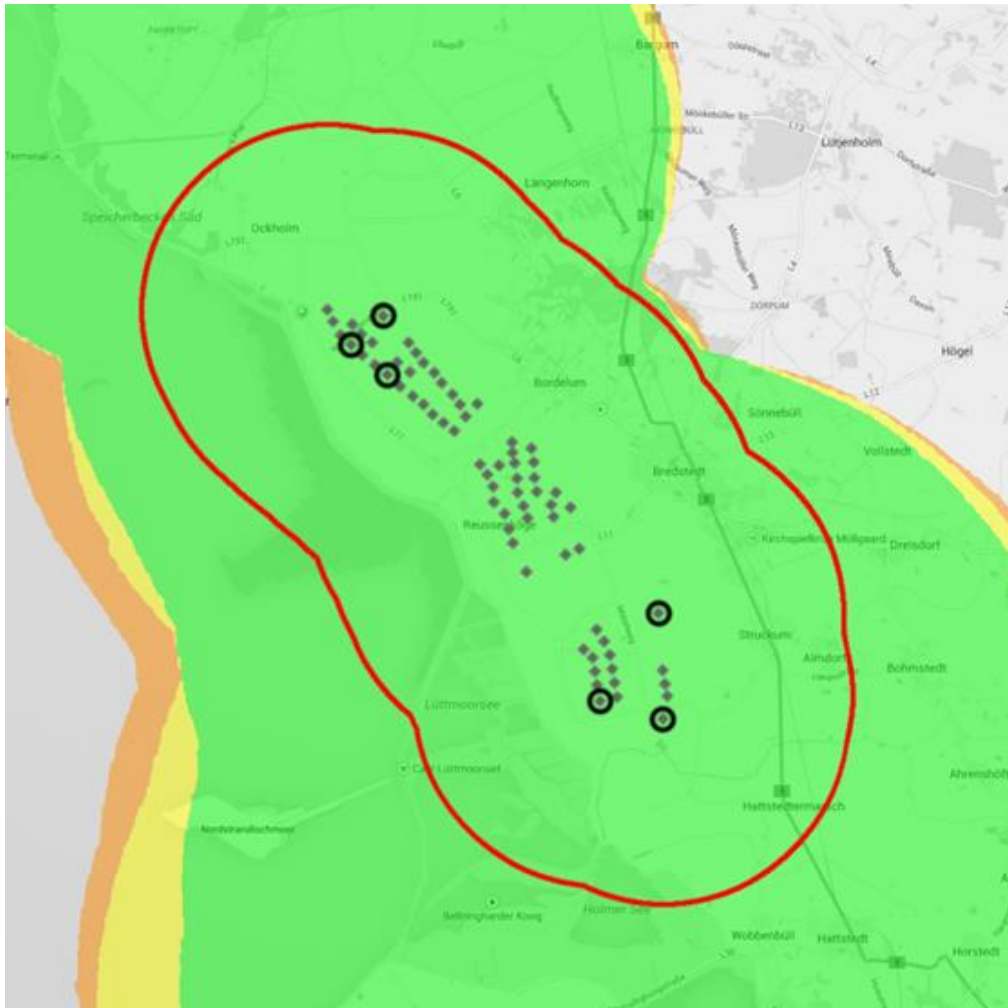


Illustration of our wind project Reußenköge

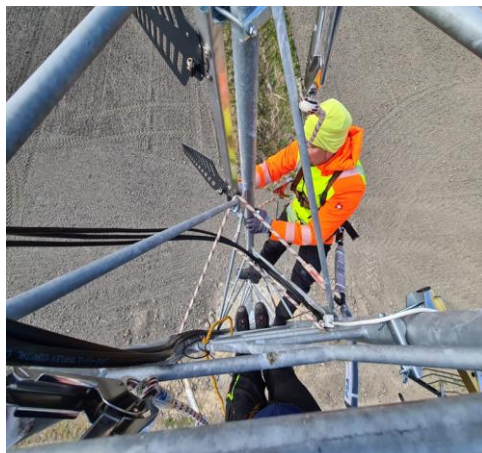


Place: Wind farm Reußenköge in the north of Germany

A Parasol system:

- monitors an area of app. 30x20km in Reußenköge
- can be combined with other clusters if required
- responds to DVBT -1, -2, or DAB signals
- immediately activates the obstruction lighting if the system detects an error
- is of modular design for a most cost-effective service/exchange of components
- does not emit electromagnetic radiation at any time

Parasol-System installed



Project flow

- Order placement
- Evaluation of the effective space on side
- Integration of the Parasol system
- Test-Flying and recognition works
- **Demand-driven night marking for really dark nights with Parasol**



Installation and full maintenance contract

Benefits:

- ✓ Parasol will be the supplier and operator for the complete operation time
- ✓ Parasol takes all works and responsibilities
- ✓ A one-time installation fee and an annual service fee give a clear cost overview

Goal:

- ✓ **Service and installation contract, the complete and secure solution for your wind farm!**



Projects overview:



1. & 2. Reußenköge

- Commissioning 2018 / 63 WEC

3. Wörden

- Commissioning 2020-21 / 7 WEC

4. Jalm

- Commissioning 2021/ 6 WEC

4. & 5. Medelby

- Two Systems in Commissioning 2021 / 39 WEC

6. Blender

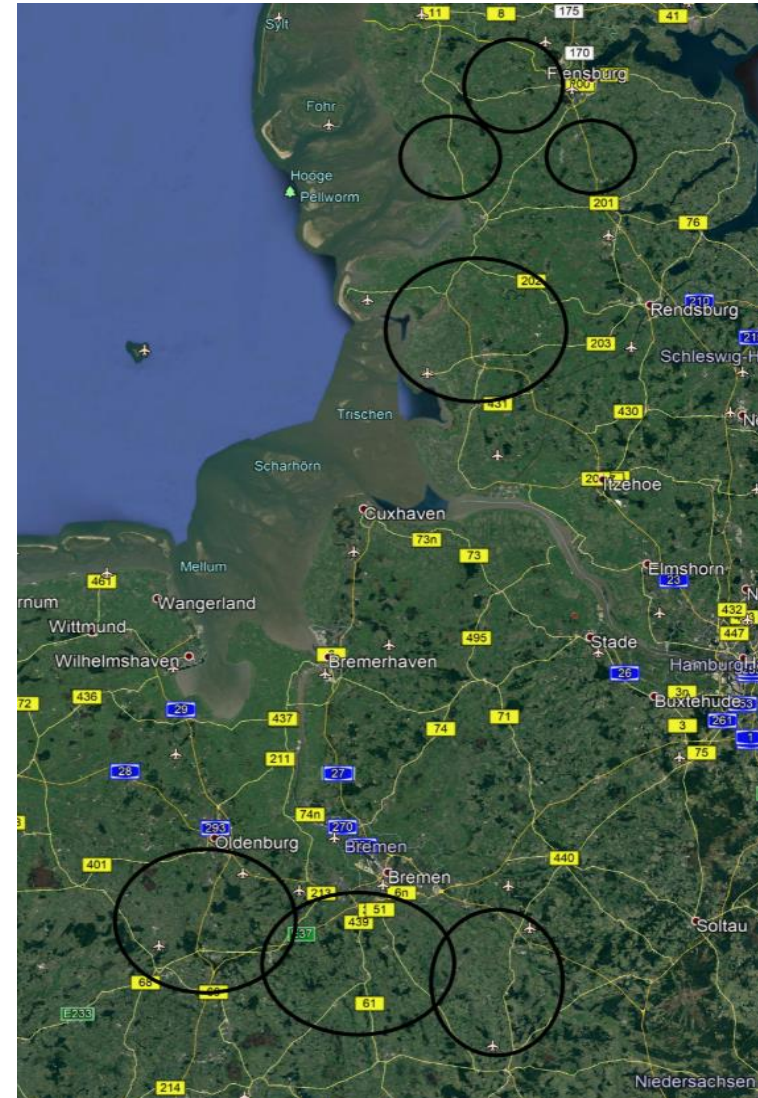
- Commissioning 2021 / 7 WEC

7. & 8. Project VR Bank Oldenburg

- Three Systems in Commissioning 2021 / 56 WEC

9. Blye

- One System in Commissioning 2022 / 04 WEC



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Keep the night dark.

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