

PRESS-INFORMATION



SACHSEN-ANHALT
Investment and Marketing
Corporation



Flying Inspection Service

The Köhler Service UG – Flying Inspection Service occupies itself with the thermographic examination of photovoltaic facilities in Europe and far beyond the European borders. This includes crystalline and thin-film modules, open as well as roof areas.

These tests/inspections are currently carried out using drone technology. The drones are equipped with high-resolution infrared cameras.

Aspects of this service that customers value include

- significant & transparent reports
- highly efficient and precise execution
- transparent cost expenditure
- international deployability
- permanent development of the service

One of the organizational features of the business is that in Central Europe there are only around 60 to 80 days available for the tests, due to weather conditions. The PV systems must be running to obtain sustainable insights into the improvement of the PV system and to detect abnormalities / defects.

For crystalline modules, a light input of at least 700 w/sqm should be applied. And for thin-film modules a test should not be performed below 850 w / sqm.

10 pilots, 8 drone systems and 16 evaluators are currently available to the Flying Inspection, allowing it to accomplish the orders quickly. Additionally, pilots are already available for later aeroplane use.

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