



SOLAR360°

PV Inspections from every angle



PV INSPECTION SERVICES

End To End Inspections

By combining several layers of inspections one can thoroughly assess the performance of the PV system in different stages of its lifespan.



Drone RGB

- Visual Inspections
- Site Surveys & Mapping
- <1cm Precision Measurements
- Orthophotos
- GIS and CAD integrations
- Defect identification per IEC



Drone IR

- Thermography
- Thermal Orthophotos
- Defect / Anomaly identification per IEC for each panel and string
- Coupling with DC



Electro DC

- I-V Curves
- Following Advice
- Actionables
- Detect cell defects
- Assess performance and efficiency of inverters



Electro AC

- PV Performance Ratio
- PV Performance Factor
- Assess PV output on connection to grid
- Assess efficiency of produced vs. consumed power (KWp).
- Challenge the design.

EVERY ANGLE INSPECTION




Powered by 

ABOUT OUR COMPANY

SOLAR360 is a spin-off of GEAR. By focusing on the PV systems and their challenges during the design, construction and O&M phases, the team can combine the specific know-how of the sector with technical automation solutions and processes, AI and autonomous drones of GEAR.

WHY CHOOSE US?

Approaching 3 main classes of abnormalities and more than 40+ combined detectable defects as per IEC normatives, we have got you covered and ready to act

-  We combine visual, thermal and electrical inspections giving you the best possible assessment in an End-to-End Report
-  We use autonomous drone inspections, automations and Artificial Intelligence (AI) to isolate and detect defects.
-  We can support in the design and construction phases of the PV as well as in O&M. With online inventory, on panel and cell level, tracking and lifetime PV statistics are available .



CALL TO DISCOVER
+31 43 7600 106

ABOUT OUR SERVICES

We offer services in the design, construction and operational maintenance phases of the PV Systems.

01 DRONE INSPECTIONS

Thermal and Visual Inspections per IEC Normative with focus on defects and classes of defects and anomalies.

02 ELECTRICAL INSPECTIONS

PV System assessment from AC and DC perspective optionally coupled with legal inspections . Option present on Electroluminisences (EL) testing possible.

03 CLEANING

With our partners, we can provide PV Systems cleaning services either by using drones for high rooftops or classical robots and brushing.

 hello@solar360.be

 613 Leuvensesteenweg, Zaventem

 www.solar360.be