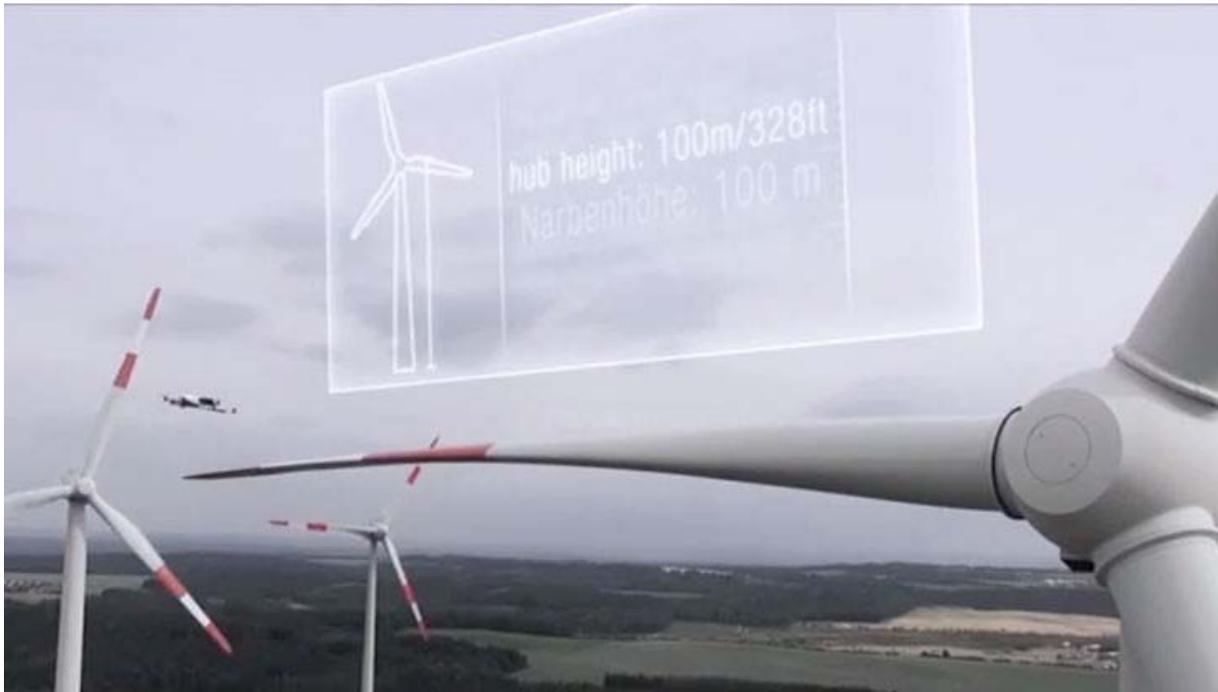


## Industrial & civil infrastructure inspection

3. June 2015



Using a micro-UAV, that's mobile, precisely controllable and ready-to-takeoff can provide crucial information.

An advanced platform like the AscTec Falcon 8 offers enormous potential for the complete industrial and civil infrastructure inspection sector.

[https://youtu.be/u\\_oBNH8Olz8](https://youtu.be/u_oBNH8Olz8)

### Industrial & civil inspection benefits by high-class sensors

You inspect and monitor your oil and gas platforms, industrial assets, energy parks and utilities, transportation systems and traffic routes, communication and power networks as well as structural infrastructures. Depending on your specific requirements you simply choose one of our fully integrated camera / payload options. For instance take the own-developed [Inspection Payload TZ61](#). It is a smart camera combination of a digital camera Panasonic Lumix DMC-TZ61 and a infrared camera FLIR TAU 2 640 able to produce synchronously JPGS and georeferenced 14-Bit RAW thermal images. Or take a digital camera Sony Alpha 7R with 36 Megapixel resolution and 35 mm full-frame sensor.



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**Press Release /// Pressemitteilung**

The level of detail is unrivalled. Crucial decisions can be made relying on the correctness of the geo and image data.

## VTOL data for comprehensive information systems

UAV- / drone-supported inspections can be done quickly with VTOL systems, that simply takeoff vertically to reach remote spots and have high-resolution imagery for rapid live reports or post-processing and accurate analysis of details. Information systems and online communication platforms like [Cyberhawk's iHawk](#) and [Resource Group's RPAS Portal](#) offer immediate information for on and offsite evaluation and better-informed decision making. Monitoring in emergency and critical situations may be meaningful, too. But only frequent and preventative monitoring of infrastructure will ensure quality and safety of assets and constructions sustainably.

Category: [Ascending Technologies](#), [AscTec Falcon 8](#), [AscTec Professional Line](#), [AscTec Trinity](#), [InspectionPRO](#), [UAV for Inspection & Monitoring](#)