



## **CSO Energy is performing high quality video endoscopy services to gearboxes and generators also in Germany, not only in France.**

**Consolidating its technical management services CSO Energy GmbH is performing video endoscopies for wind turbines on-shore.**

Leisnig, Saxony, Germany 23rd November 2016.

The most expensive parts of wind turbines are the main components, among them notoriously the gearbox and the generator. In order to prevent the higher cost of replacing them there are some things that can be done.

CSO Energy GmbH identifies for you incidents inside the gearbox and generators, that cannot be identified through regular maintenance work. This service allows you to detect damages in the nacelle, without having to lower the main components to the ground or having to use cranes. If problems are found in an early stage in most cases this allows you to change certain parts instead of the whole main component, by doing this you save time, money and resources. With this service you can know the "health status of the component".

Your availability is ensured to remain high when problems are identified, by reducing maintenance duration when you can do an on-site repair work or replacement of a small component, instead of the time and cost consuming replacement of a full main component.

Video-endoscopy services also provides you with high quality data to analyze, since the Video-endoscope is small and flexible and it arrives to narrow places.

The video endoscope's type we use in Germany is GE Mentor Visual IQ. It has a small diameter of 3.9mm which ensures access into the smallest bearings, it provides extreme image and video quality, it's extremely handy and easy to carry which guarantee an excellent result but also the safety of our staff by going up the nacelle with a small, non-heavy devise, it has a touch screen interface and quick change probes.

By requesting CSO Energy's Video-endoscopy service you benefit from professional and experienced personnel that will provide you a high quality service, which will allow your company to save time, money and resources. You also can benefit from other services we provide that can be done at the same time like thermo graphic inspections of components, oil analysis or inspection of safety equipment, just to name some examples.

## About CSO Energy

[CSO Energy](#) is an independent service provider for technical and commercial management of Wind Farm Projects & HV substations. **CSO Energy** clients receive customized consultancy services over the entire lifespan of their projects. The company was founded in Germany in 1999 and is currently active also in France and Poland. **CSO Energy** currently operates more than 1000 MW in Europe and 2 high voltage substation with a consolidated know-how, acquired not only through years of experience and its diversified wind portfolio but mainly from the commitment of its employees to provide a high quality service that meets the client's needs.

**For more information regarding CSO Energy, please do not hesitate to contact us:**

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