

»Developing means understanding the requirements of our customers!«

↓ Eberhard Janzen
Project Manager R&D department

GOING NEW WAYS

Every project in our R&D department starts with various requirements that we receive from our partners and customers. For our proven KRIWAN wind sensors of the ICEfight series, for example, the icing of the wind vane and the cup should be prevented. This enables the use of the wind measurement sensors under difficult conditions even at higher altitudes.

Our new offshore wind sensors have to withstand the rough conditions of the open sea. The design must withstand strong gusts of wind and the salty spray should not penetrate the housing and damage the bearing. At the same time, the wind vane and cup must have a long life span even in this corrosive atmosphere.

During the development process, we therefore relied on our proven and robust bearing from our heavy-duty wind sensor series. This can withstand wind speeds of up to 360 km/h.

Increasing the corrosion resistance of the vane and the cup proved to be somewhat trickier. In this case, we rely on a type of ceramic coating to protect the mechanical components from being damaged by the corrosive atmosphere.

However, it will be very difficult for me to see our KRIWAN offshore wind sensor in action on site. Up to now, I have discovered many wind sensors that I helped to develop all over the world. Here in Europe, you can often see the KRIWAN wind sensors in the mountains on the cable cars. In this way, I leave small visible traces and contribute to a more efficient use of renewable energy.

AGE: 65

WITH KRIWAN SINCE: 1991

PROFESSION:

Mechanical engineer

OCCUPATION AT KRIWAN:

Project Manager

I AM A DEVELOPER BECAUSE...

... I like to create something new, things that never existed like that before.

Eberhard Janzen

