# Worldwide locations Cologne - Headquarters Barcelona Lisbon Chennai Shanghai Tokyo 65 experts in a

### Facts and numbers

8.000 parts has a wind turbine

601.500 people employed by the wind industry worldwide

369.553 MW total cumulative installed capacity from wind power worldwide

# WIND ENERGY

worldwide network



#### Services

#### Target audience

Product certification manufacturer

Project planning

Project certification

Technical due diligence

Manufacturing surveillance

6 Expert reports

Marine warranty survey

Periodic inspections

owner

investor

project developer

operator

## Newest service in portfolio

#### **Condition Monitoring Systems**

Beneficial to operators and manufacturers CMS detects any defect or risk of failure in order to initiate corrective measures, reduce maintenance costs and decrease downtimes. As a Certified Condition Monitoring System Technology and Body (GL edition 2013) TÜV Rheinland provides condition monitoring of machines based on measurement and analysis of relevant physical data.

> Early error detection

Prolongation of the life-span of facilities



Reference cases of TÜV Rheinland involvement in wind energy can be found here. www.tuv-e3.com/wind

