

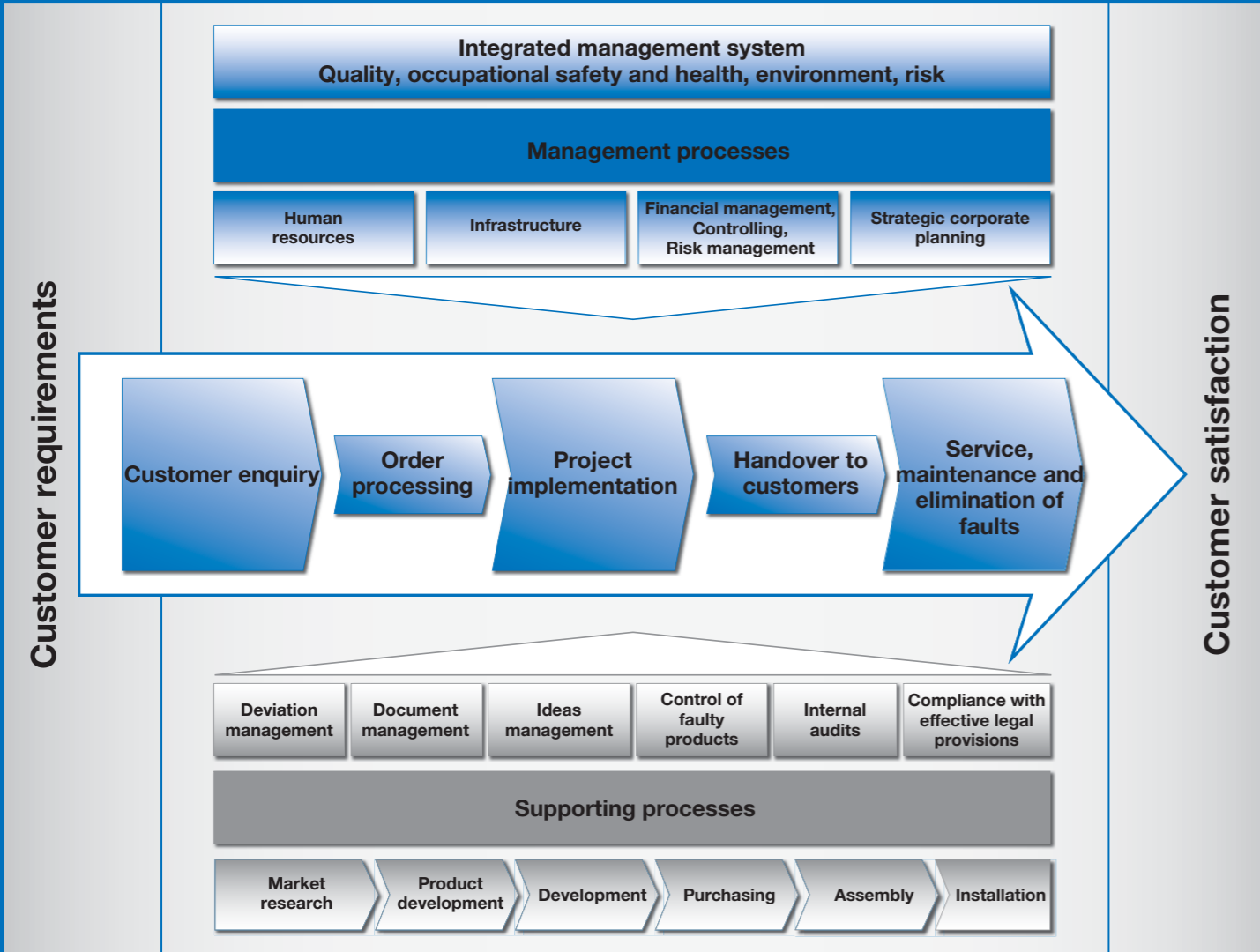


An integrated  
management system –  
Our formula for success

German engineered wind turbines

**PowerWind**

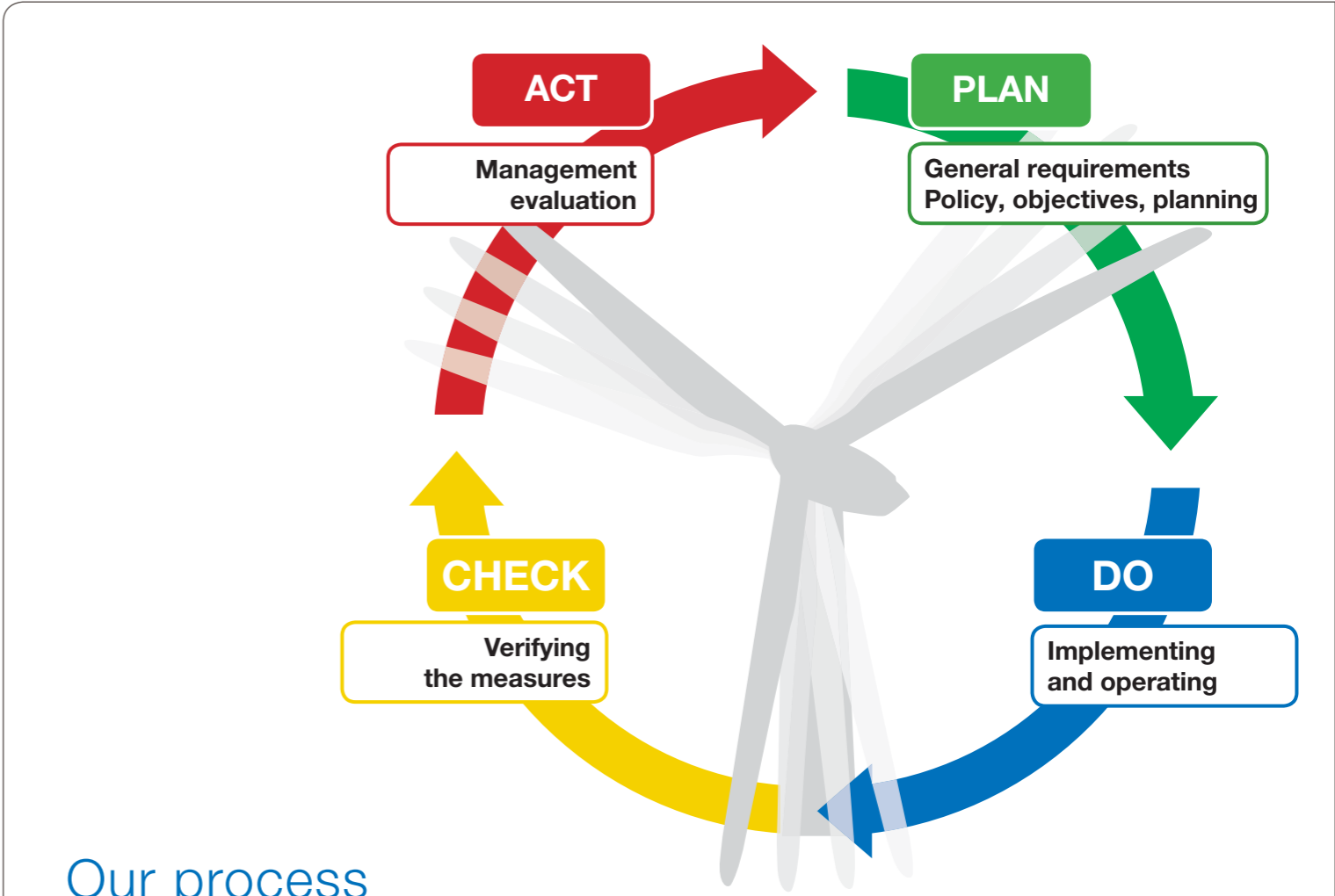
# Seeing the whole picture – with an eye on details: A process landscape for maximum quality



The entire process chain and its interactions are shown in detail in the document management system of PowerWind Limited. (PRO.FILE)

# Striving to be better every day: Our integrated management system

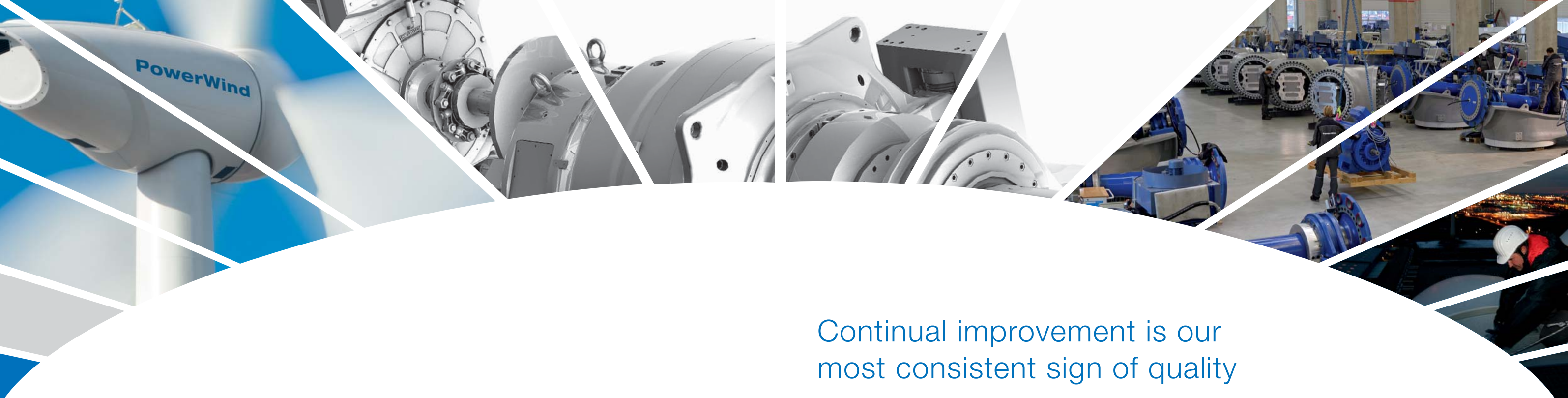
Core tasks: Continual improvement with regard to all components of the integrated management system (Plan-Do-Check-Act)



## Our process

- Systematic recording of customer requirements, measured values and all process relevant key data
- Sifting and evaluating determined data
- Deriving and implementing specific measures
- Verifying the effectiveness of the measures
- Initiating the optimisation of the measures

PowerWind strives for continual improvement of their own processes and thus of the products and services they provide, by continuous planning, implementing, verifying and acting (cf. PDCA).



## Logical consequence of our company's development: An integrated management system

**Our management relies on a system. That is why we always know what we do and for what purpose – from the very first moment of product development over production and commissioning up to service, maintenance and training. We live what we think.**

PowerWind Ltd. has been established in 2007 with objective of addressing the needs of the growing wind energy market in India and overseas by the way of supplying cost competitive wind energy equipment.

POWERWIND LTD has a wide range of Wind Electric Generator(WEG) ranging from 500KW to 2.5MW. The company plans to progressively increase its assembly capacity starting with 100 machines initially to almost doubling the output in 3 years time.

PowerWind Ltd is a Indian OEM of onshore wind turbines and service provider, also focusing on Community-scale wind projects

These projects ranging from single turbines to wind farms with a capacity of 30 MW are mostly locally owned. The energy is often consumed in the immediate vicinity of the turbines. Typical Community-scale customers include medium-sized industrial businesses, factories and farmers, regional project developers and power providers, privately owned wind farms, schools and universities as well as municipalities and leisure facilities.

### Our successes

PowerWind Ltd has installed more than 70 wind turbines worldwide which impress with superior yields and reliability. In total, PowerWind Ltd has sold more than 160 turbines. From the ultra-modern manufacturing facility in India, turbines have already been supplied to Germany, Italy, Great Britain, Poland, Romania, Bulgaria, Azerbaijan and the USA. Following a development phase of only 12 months, the first prototype of the sub-MW platform, a PowerWind 56, was installed in July 2007. Serial production started in January 2008. In February 2012, the first PowerWind 500, especially developed for the British market, was installed. With the PowerWind 60 the company is preparing the launch of a third product variant. In 2010, the first prototype of the PowerWind 90 was sold and commissioned.

## Continual improvement is our most consistent sign of quality

**A holistic corporate philosophy, which reflects the integration of quality, environmental protection, workplace safety and health protection as well as risk management in a mutual company policy, is the basis of our daily actions.**

- We develop individual solutions for our customers. In this way, we can guarantee the optimum fulfilment of their needs.
- To us, it is a matter of course to comply and, if possible, exceed the technical standards as well as the effective occupational health and safety and environmental laws and regulations.
- Our efficient management systems meet the requirements of the international standards of ISO 9001, ISO 14001, OHSAS 18001 and ISO 31000.
- We strive for the continual improvement of our management systems by evaluating the competence of our staff members and supply chain, in order to analyse and optimise the activities expected of them.
- By regular and systematic qualification and information of our staff members, we ensure the efficient and safe conduct of all work activities. We also raise the awareness for quality and environmental issues, which enables us to always fulfil the continuously increasing market requirements.
- Through the active dialogue with our staff members, our gained experience and knowledge are shared.
- We design, construct, operate and service all wind turbines, equipment and installations, to minimise risks and malfunctions and to protect our staff members from health hazards. Our goal is to reduce risks to a minimum or even eliminate them.
- We promote risk awareness. The created transparency is intended to contribute to an adequate handling of business risks.
- Already in advance, we take appropriate measures, in order to minimise negative impacts on the environment, by reducing and, if possible, avoiding waste, waste water, noise, dust, air pollution and other potential emissions.
- Our goal is the economical use of all resources, especially wood and energy. We encourage our suppliers to handle resources in a sustainable and environmentally friendly manner (extraction/use).



PowerWind Limited  
Plot no.352-353  
HSIIDC Industrial Area Bawal  
Rewari,Haryana-123501  
Telephone no-0124-4984455

E-Mail: [info@powerwind.co.in](mailto:info@powerwind.co.in)

German engineered wind turbines

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