MODERNISATION.
AT THE LEADING EDGE.
MAKING EXISTING TURBINES MORE PROFITABLE.

Nordex has set up more than 5,000 turbines of different types worldwide. Nordex Service provides two alternatives for technical upgrades of existing wind turbines: the Technical Improvement Program (TIP) with retrofit packages that can be combined or custom turbine modernisations.

MORE YIELD THROUGH MANUFACTURER EXPERTISE.

Higher availabilities. Shorter downtimes. A turbine’s availability is a determining factor for the profitability of the investment. Nordex Service offers our customers products and services that address this directly.

In partial or complete modernisations, your turbine’s major components are brought up to current technical standards. Together with the customer, the Nordex Service project manager will develop a tailor-made solution for his wind farm.

With the Technical Improvement Program (TIP), Nordex Service provides specific retrofit packages for your turbine that you can choose from. The TIP products for our existing turbines result from the latest developments in our series production. We extend and improve them continuously, so that our years of experience can flow into the existing installed base.

First we review and analyze the technical and operational management data to calculate an optimum cost-benefit ratio. After this concept stage, experienced technicians perform the upgrade in collaboration with the Nordex Service project manager. In the process, we re-engineer turbine components in our factory as well as through specialized vendors. Once all upgrade measures have been completed, the turbine goes back into operation. Technical acceptance is granted only after thorough testing. This sets up all the conditions to produce energy dependably and efficiently in the future.

There is no need for lengthy planning procedures for these standardized TIP products. Our service technicians can conduct the partial upgrades directly at the turbine site.