



SPECIALIST FOR SERVICES IN WIND - ON-SHORE AND OFF-SHORE

SPIE Wind combines all competencies and services related to wind turbines, both on- and offshore. We are distinguished by maximum readiness to innovate, cross-manufacturer technical expertise, and proven proficiency – not least thanks to our deep know-how in prototype construction. As an independent service partner for manufacturers, owners and operators, we ensure that on- and offshore wind turbines across Europe reliably produce a total output of over 170 GW.

Installation & Commissioning

- Installation, mechanical/electrical completion and commissioning of wind turbines
- Grid connection, low- & medium-voltage assemblies
- Connection, commissioning of switch & transformer-stations

Service & Maintenance

- Preventive & corrective maintenance at wind turbines
- Basic and full-service contracts
- Repairs and retrofits
- Periodical inspections (turbine inspection, statutory safety checks, statutory electrical checks, video endoscopy, thermo-scans etc.)
- Inspection for lifetime extension expert opinions
- End-of-warranty inspections
- Main component exchange (e.g. gearbox, azimuth gearbox, pitch gearbox, generator, switchgear, transformer)

Blade Services

- Internal and external rotor blade inspections via rope access technology, platform, drone and camera
- Rotor blade repairs to rectify structural, serial, transportation, manufacturing and erosion damages

Innovative Services

- Development, production, delivery, installation of aviation light systems and tower markings according to ICAO
- Aviation light on-demand solutions (ADLS, BNK)
- Development and production of cost-effective retrofit solutions for aviation light systems
- Electrical installation / repair services low- & medium-voltage
- Electrical checks DGUV V3, cable tests (VLF), isolation checks, earth protection tests, protection relay tests (trip tests), transformer maintenance

Support

- Project management, site management, HSE management, NCR management
- Conducting standardized health and safety training, technical trainings
- Material dispatch for maintenance services (receiving, quality check, set-up, shipment)
- Combined services crane/installation (CI), transport/crane/installation (TCI) on demand

SPIE WIND is part of the operational division Industry Service & Wind of SPIE Germany Switzerland Austria. Together, our specialists form a powerful, global team for high-quality industrial services in the wind, water, energy, industrial and process industry segments. We create holistic solutions from planning and realization to installation, operation and maintenance to relocation and decommissioning. We support our customers managing the challenges of digital transformation and ecological change in their industry.

SPIE Germany Switzerland Austria is the leading independent multi-technology service provider for buildings, plants and infrastructures. With our broad technical expertise and as a reliable partner, we accompany our customers into a successful future.