



# We monitor

To make sure that your wind farm runs reliably, we keep a close eye on it. Our flexible **operational management modules** offer the right solution for everyone.

Your Partner for Clean Energy

**ABO**  
**WIND**

# Customized Modules for your Wind Farm

Combine our flexible modules to meet the specific requirements of your wind farm. Project Audit & Preparation handle documentation and acceptance testing on request. Thanks to our Portfolio Management, one key contact person is in charge of all your wind farms.

## Portfolio Management

### Technical Operational Management

#### Remote Monitoring

- Status reports to operators
- Communication optimisation
- Network analysis
- Extended data interface
- Customer portal

P1

#### On-site Service

- Inspections every six months including direct elimination of minor defects
- ABO Lock Access Control
- 24/7 availability of an authorised person

P2

#### Operation

- Analysis of fault frequency
- Monthly availability comparison
- Evaluation of reports by German Wind Energy Association experts
- Extended monthly report
- Integrated customer processes
- Optimisation of the operating parameters

P3

#### Regulatory Requirements & Environment

- Screening of environmental reports to identify potentials and preparation of offers
- Optimisation of subsystems

P4

### Commercial Operational Management

#### Accounting

- Integrated approval processes
- Support for tax law inquiries and special audits
- Cost analyses
- Accompaniment of auditors
- Preparation of the notes to the financial statements
- Corporate law procedures

P5

#### Contracts

- Contract optimisation
- Tracking of the compensation payment
- Reference yield calculation
- Analyses and reporting

P6

#### Commercial Steering

- Monthly reporting based on customer requirements
- Yield monitoring report
- Management of bank financing
- Accompaniment of shareholders' meetings

P7

PREMIUM

COMFORT

BASIC

- Monitoring of service work (control room)
- Immediate measures in case of malfunctions
- Malfunction notification to direct marketers and operator portals
- Communication monitoring
- Automatic power curve monitoring
- Data interface

C1

- Yearly inspection
- Monthly visual inspection
- Commissioning of green maintenance
- Ice Resets
- Plant responsibility

C2

- Personal technical park manager
- Malfunction management
- Tracking of defects
- Monitoring of maintenance deadlines & services
- Preparation of the logbook
- Availability control
- Monthly report
- Maintenance support
- Calculation of yield loss precise to the minute

C3

- Monitoring of operation in conformity with permits
- Monitoring of technical deadlines and follow-up orders
- Coordination of species protection monitoring and noise measurement
- Plausibility check of operating and shutdown parameters

C4

- Payment transactions
- Dunning process
- Preparation of annual financial statements
- Communication with the tax consultant

C5

- Contract management
- Lease accounting
- Land register matters
- Plausibility checks (yield losses)
- Management of direct marketing
- Compensation calculation
- Compliance with the reporting obligations

C6

- Full commercial overview
- Liquidity planning and steering
- Quarterly standard reporting
- Reporting to the banks

C7

- Electronic logbook
- Transmission of malfunction notifications
- Monitoring of the plant status
- Customer access to operational management software

B1

- Electronic access management

B2

- Automated performance information
- Transmission of defects
- Simple requests for proposals

B3

- Automatic deadline notification

B4

- Bookkeeping of accounting documents
- Accounting evaluations

B5

- Maintenance of contract overview
- Automatic deadline notification
- Recording of yields

B6

## Project Audit & Preparation



## **We support you in accordance with your wishes**

For more than twenty years, we have been managing wind farms as operational managers - from the smallest first generation wind farm to modern large-scale projects. Today, our experienced staff monitors and manages more than 1,700 megawatts of capacity in nine countries. We know: Every wind farm is different, every operator has different requirements. This is why our operational management modules offer maximum flexibility. We act in the interest of our customers and enforce their claims in case of conflicts with external service providers and suppliers.

## **We offer complete documentation**

Unlike many of our competitors, we have our own department for project auditing: we collect, check and compare all documents from the planning, construction and financing phases. Operators have prompt access to all project data, an overview of warranty periods and documentation relevant to safety and approval. On request, we also initiate, accompany and take responsibility for the acceptance test of the wind farm and supervise the elimination of defects. In this way we build the basis for efficient operational management.

We are happy to advise you and recommend the modules that best suit your requirements.

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## **We discover optimisation potential**

Operators of several wind farms benefit from technical and commercial portfolio management: A personal contact person manages your portfolio. The uniform data preparation of all wind farms enables cross-wind farm analyses, brings synergy effects and makes the work of asset managers easier. Preventive measures are derived from the knowledge gained. Our German Wind Energy Association (BWE) certified experts have a detailed view of your wind farm and detect hidden optimisation potential.

## **A combination of operational management and service increases your yield**

Whether operational management, portfolio management, expert opinions or maintenance: ABO Wind supports wind farm operation from A to Z. On request, you can save money by combining our operational management modules with services.

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