



WIND FARMS PLANNING AND CONSTRUCTION SUPERVISION

A NEW WIND FARM OR A REPOWERING PROJECT IS A CHALLENGING TASK. FALLING FEED-IN TARIFFS AND SETTING UP PLANTS ON COMPLEX TERRAIN DEMAND EVER MORE RIGOROUS REQUIREMENTS FOR THE QUALITY OF THE PLANNING.



REFERENCE PROJECTS

27 MW wind farm

8 Servion
3.4M122NES
Draft, approval and
execution planning,
call to tender,
construction
management

10 MW wind farm

3 Nordex N 131
Approval and call
to tender planning
Project management

We will use our expertise in landscape planning, site assessment, plant technology and energy management to support you throughout every phase of your project, from the initial feasibility study to the acceptance of the completed wind farm.

Our expertise in site assessment and plant technology ensures the selection of a site-compatible, yield-optimised plant type that will be economical in the long term.

We focus on the cost-optimised planning of access roads and storage areas adapted to each particular site and terrain. To do this, we use 3D CAD as early as the draft planning phase.

Our services include:

FEASIBILITY ASSESSMENT

- Initial site assessments
- Feasibility studies and repowering analyses

SITE ASSESSMENT

- renerco plan consult is accredited to the DIN EN ISO/IEC 17025:2005 standard
- LiDAR wind measurements
- Wind and energy yield assessments
- Noise and shadow impact assessments

PROJECT DEVELOPMENT SUPPORT

- Visual display of the wind farm
- Support with site securement
- Support with public relations

PLANNING AND APPROVALS MANAGEMENT

- Micro siting, plant selection and wind farm layout
- Creation/Optimisation of the grid connection concept
- Grid connection planning
- Draft planning in 3D CAD
- Approvals planning in accordance with the German Federal Immission Control Act (BImSchG)
- Obtaining the required specialist appraisals
- Managing the approval process
- Execution planning in 3D CAD

CONSTRUCTION PHASE

- Invitations to tender for sub-contracted work and negotiation of supply agreements
- Negotiation of O&M and operating agreements
- Construction management and monitoring
- Technical acceptance and claim management
- Creation of project documentation
- EPC management for your entire project