

WIND TURBINE NEAR THE LAKE OF GRIES (2'465 m/a.s.l.)

INITIAL POSITION

The company SwissWinds Development GmbH promotes and develops wind energy projects. One of these projects is situated in the Swiss Alps at the lake of Gries (Griessee) at 2.465m above sea level in the Nufenen region. A wind turbine, type Enercon E-70 is now installed at this site and to be extended to a wind farm at a later stage. To tackle the highly demanding task of planning and scheduling, SwissWinds has resorted to the knowledge and skills of New Energy Scout.

OPERATING

After a proof phase period the turbine is active since the beginning of 2012. Despite a very challenging site, conditions, including a rough climate, a limited space and a sensitive access road we have found an optimal solution while planning the project at the most highest site in Europe.

SERVICES / ACTIVITIES

- Consultancy and expertise in the analysis of Alpine site, profitability, contracts, project company
- foundation and wind measurements
- 3 wind measurement campaigns using LiDAR (Light Detection And Ranging) during wintertime
- Technical planning of transport, crane hardstandings and foundation with a realisation by a regional company.
- Making of CAD-plans: ground plans, longitudinal and cross profiles
- Delivery: evaluation and processing of data from detail measurements (3D Laserscan)
- Schedule inter alia with MS Project



TIME PERIOD

December 2009 until October 2011

CLIENT

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