Today’s wind industry often focuses on the licensing and construction phase of a project. However, in order to realize the expected return on investment, the owner has to make sure his wind farm is managed in the most effective and professional way during the whole lifetime. Experience shows that inadequate wind farm management might reduce the annual production by up to 40%. Asset management represents the future challenge of the wind industry to extract the maximum value out of the investment in wind power generation.

**Asset Management Services**

Axpo offers 1) technical asset management and 2) asset optimization services for wind farms based on the experience of Axpo wind asset managers and the extended fleet information on operation and maintenance from the wind farms in the Axpo portfolio. Our clients can count on Axpo as a competent and reliable partner for their wind farms.

1) **Technical Asset Management**

The client appoints Axpo with the technical asset management of his wind farms. No technical asset management organization is required at the client side. Axpo acts under the name of the client in managing the maintenance provider and the site personnel. Axpo performs condition monitoring and operation of the wind farm on a 24/7 basis, analyzes the technical performance and determines the preventive, corrective and improvement measures to implement, for the asset to deliver the maximum production in a sustainable and reliable way. The client receives comprehensive reporting on the performance and the condition of the wind farm.

2) **Asset Optimization**

The client has a lean asset management organization. Axpo supports the client’s asset management organization with reporting services, condition monitoring and performance analysis, 24/7 operation and hand-in-hand asset management advice. The scope of the asset optimization services will be built around the client’s needs in order to strengthen his asset management infrastructure and know-how and finally extract a higher value out of the wind farm.

**Axpo Asset Management Information System: xREM**

Axpo has developed a proprietary asset management information system (xREM) which allows to identify any deviations in the wind farm performance and analyze the production losses. xREM provides the asset manager with a valuable set of easily available information (on PC, tablets, mobile phones) to monitor the condition of the wind farm components, to identify the wind farm weak points, to prioritize among needed interventions and to perform cost-benefit analysis for continuous improvement projects.