**Definition of “Type of Event”**

The Minimum Data Requirements for the WInD-Pool contains event data for each event and object. For achieving a mutual understanding of this information further explanations and definitions are necessary.

A very important piece of information can be seen in the “Type of Event”. This date is supposed to characterize the events that shall be evaluated later. An event is anything that leads to a change of turbine state. The WInD-Pool aims at optimizing maintenance procedures and the evaluations are therefore restricted to the maintenance-relevant data. The events gathered should comprise information about all activities done in the maintenance process. In order to attain useful information it is necessary to make some distinctions regarding the activity, the cause of the event and the work done.

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<th>Breakdown</th>
<th>Description</th>
<th>Minimum Distinction</th>
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| Activity  | It is important to know whether the activity is an organizational intervention (e.g. Routine maintenance) or whether it is an element related event (corrective or preventive maintenance). In the latter case the information should be gathered for each affected component separately and a distinction between corrective and preventive activities should be made. | • Regular Service  
• Corrective Maintenance  
• Preventive Maintenance |
| Action    | The type of maintenance activity must be known for calculating reliability characteristics. At least it should be stated whether the action taken is a repair or whether the component is replaced. | • Repair  
• Exchange |
| Cause     | In case of a damage the cause of an event must be known to interpret the analyses results. For some analyses it might be sophisticated to exclude certain failure causes (e.g. lightning failures cannot be avoided through preventive measures). | • Internal  
• External |