

## 8.5.

**Title**

**Horizontal Axle Power Wind Turbine with mechanical orientation to wind**

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INTERNATIONAL EXHIBITS

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### **Description EN**

Aeolian turbine include three blades rotor with aerodynamic asymmetric profile. The wind orientation of the turbine is doing through a two-wheeled windroze linked by a reducer with turbine nacelle. The power of 10 kW is produced at wind speed of 11 m/s.

Class no.

2. Energy and sustainable development