



Energy Source	Wind		Solar		Biomass	
	Planning	Constr.	Operation	Consulting	R&D	Coaching
Type of service						
Country	Romania					
Completed by ECC	2011 & ongoing monitoring					

<b>Name of project</b>	<b>Installation and implementation of the technical operational management for the wind farm Pantelimon I &amp; II (Romania)</b>
<b>Location / Country</b>	Pantelimon / Romania
<b>Description</b>	<p>After these last years, where mainly old plants were erected in Romania, the use of wind energy in Romania entered a new age in 2009 with the start of operation of the first new plants.</p> <p>Energy Competence Centre was hired to conceptually structure and implement the technical operational management for the 2 wind parks Pantelimon I and II with total installed capacity of 4 MW. With start of operation of the wind turbines, Energy Competence Centre acts as supervisor, collecting all information and forwarding it to the right departments and stakeholders.</p>
<b>Client</b>	SC Clean Energy Development SRL
<b>Investment volume</b>	- € (only OPEX) (CAPEX for the 2 wind parks: 8.000.000 €)
<b>Start of project by ECC</b>	June 2010
<b>Target end of project by ECC</b>	2011 for the implementation + continuous monitoring (ongoing)
<b>Range of service</b>	<ul style="list-style-type: none"> <li>- Installation and implementation of a concept for the operational management</li> <li>- ongoing support for, supervision of and consulting on the operational management</li> <li>- establishing and supervising insurance cover for the wind farm</li> <li>- forecasting and analysis of production output, target-performance comparison</li> <li>- recommendation and coordination of employees for the operational management</li> </ul>
<b>Project figures in brief</b>	<ul style="list-style-type: none"> <li>- WTG count: 5</li> <li>- Type of WTG: Enercon E53</li> <li>- Hub height: 73 m</li> <li>- WTG nominal power: 0,8 MW</li> <li>- Total power: 4 MW</li> </ul>