

AEECoW

The Association of Environmental & Ecological Clerks of Works

Case Study

Project Name	Bankend Rig Wind Farm
Project Details	The 14.3MW project comprised the construction of 11 turbines, over 6km of new or upgraded access tracks, plus sub-station and supporting infrastructure within an upland Sitka spruce plantation. The scheme included the crossing of three named watercourses, construction within ecologically-important upland habitats, mitigation for protected species and extensive surface water management measures.
Location	Drumclog, South Lanarkshire
ECoW	EnviroCentre Limited
Sensitive Ecological/ Environmental Features	<ul style="list-style-type: none"> • Special Protection Areas including Upland SPA and five SSSIs • Sensitive watercourses • Breeding birds • Implementation of a conservation management plan to ensure that protected species, particularly hen harriers (<i>Circus cyaneus</i>) were duly considered
ECoW Context	The undeveloped upland nature of the site, comprising deep layers of peat, protected species and sensitive salmonid watercourses, coupled to its proximity to numerous protected ecological designations and a private potable water supply required extensive mitigation measures to be adopted. During the planning stages, it was determined by South Lanarkshire and East Ayrshire Councils that the most appropriate means of ensuring the delivery of all the environmental planning requirements was a Planning Condition requiring the presence of an ECoW throughout the pre-construction (deforestation) and construction phases.
ECoW Role	<p>The ECoW team included specialists in ecology, geology, hydrology, and water quality. The nature of the role varied by season and construction phase and comprised:</p> <ul style="list-style-type: none"> • Toolbox talks for construction teams and subcontractors • Review of method statements and construction plans • On-site surface water management/pollution prevention advice • Protection of sensitive areas • Protection of nesting birds • Delivery of ecological enhancement plans • Support on geological drift extraction • Monitoring of surface water and potable water quality • Waste management advice
Site Photographs	