



## Renewable Energy - Onshore Wind

**Client:** Awel Newydd Cyf

**Location:** Powys, Wales

### Project Overview

Located in mid-Wales, the Tirgwynt Wind Farm development comprises 12 wind turbines which provides 24.6 MW of installed capacity. Atmos was commissioned to provide ecology support for the project and have seen the development through the planning and construction stages, with the wind farm becoming operational in late 2016.

### Key Challenges

- Ecological interests – sensitive peatland habitats and protection species
- Enabling construction work around sensitive species - the protection of birds such as nesting curlew during the construction period
- Agreeing and implementing a Habitat Management Plan involving multiple landowners
- Managing ecological inputs to the road improvements necessary along the access route to this remote location

### Our Solutions

Working collaboratively with the development team, we provided advice throughout the planning and construction phases, ensuring the ecological effects were minimised in line with the legislative and planning requirements.

Chaired the Ecological Steering Group, coordinating communication between the developers, Powys County Council and Natural Resources Wales.

Developed the Habitat Management Plan and liaised with the landowners and farmers to agree the details of the plan and it's implementation.

Provided onsite Ecological Clerk of Works support to ensure that environmental obligations were met.

Nearby nesting curlew were specifically protected from disturbance, we worked closely with the construction team and Natural Resource Wales to ensure work could progress whilst ensuring protection of the nest

### The Successful Outcome

With our support, the ecological requirements were carefully managed so as to ensure no delays to the construction project, which was completed on time.

### What our client said

“Tirgwynt had a challenging set of requirements from NRW and the planning authorities which also needed marrying up landowner farm practices. Atmos diligent management of the project and building of NRW and landowner relations has made the task of implementation and compliance much easier. We highly recommend using Atmos who are able to draw on a variety of experience and expertise to get the job done.”

**Emily Cheung, Construction Project Manager**

## Renewable Energy Capabilities

When it comes to the renewable energy sector, Atmos has been at the heart of the sector since 2007, eyes and ears on the ground providing technical and professional services throughout the UK. Why do companies choose to work with us? Simple: our value for money approach, experience, expertise and service delivery across all aspects of renewable energy – optimising project value, whilst consistently achieving an above an above average planning success rate.

Our highly experienced and talented consultants include Planners, EIA Consultants, Noise Consultants, Ecologists Ornithologists, hydrologists and GIS specialists.

Together, they bring an in-depth understanding of the policy landscape, sector trends and the environmental best practice to deliver robust, defensible and commercially pragmatic solutions that protect your interests and maximise the value of your investment. Always several steps ahead, anticipating barriers and constraints, they act quickly to optimise results so you're not missing any opportunities or losing valuable time and money.

## Our Solutions

Atmos offers a comprehensive range of environmental and planning solutions across the entire project life-cycle. From feasibility, scoping and planning submissions through to construction and on to post construction and operational monitoring. Our services include:

- Acoustics and Noise
- Ecological Clerk of Works (ECoW)
- Ecology and Biodiversity
- Environmental Due Diligence
- Environmental Impact Assessment (EIA)
- Geo-Environmental
- GIS and Data Solutions
- Habitat Management and Restoration
- Habitat Regulations Assessment
- Hydrology and Hydrogeology
- Ornithology
- Planning and Consents
- Post Consent Implementation
- Site Feasibility and Scoping
- Soils and Peatland Management
- Stakeholder and Public consultation
- Visualisation and Mapping



Floating access road over bog



your project  
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