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Gwefr – Glyn Cothi Wind Farm edition 2

Over the autumn, we carried out an informal consultation to gather views on our early-stage plans for the proposed Glyn Cothi Wind Farm. We've spent the past few months carefully reviewing everything people told us. This input is already helping to shape our next steps, and we're grateful to everyone who took the time to get involved.



In this newsletter, you'll find a **summary of what people said** and how we plan to address the points that were raised.

We're continuing the **surveys and assessments** on site and you'll find next steps and a **timeline** in this newsletter.

In addition to Glyn Cothi Wind Farm, we are progressing our plans for the proposed **Clocaenog Dau Wind Farm**, located in Clocaenog Forest in Denbighshire and Conwy, and **Carreg Wen Wind Farm** in St Gwynno Forest in Rhondda Cynon Taf. We held consultations on both projects in autumn and are now undertaking

surveys and assessments on both sites.

At the end of last year, we announced our plans to develop the proposed **Larnog Solar Farm** in the Vale of Glamorgan. This is our fourth project in our portfolio and our first solar farm.

All of our renewable energy projects are located primarily on Welsh Government owned land and aim to **maximise the value of these resources for the people of Wales.**

Together, these projects could generate up to **437 MW of clean green electricity**, equivalent to the electricity needs of over 370,000

homes - that's over a quarter of the homes in Wales¹ - and contribute **economic, and social benefits for Wales.** We are well on the way to achieving Trydan's ambition of developing 1 GW of new renewable energy generation capacity by 2040.

We are keen to keep the conversation going. If you are part of an established community club, we'd like to meet with you to discuss our plans, so please get in touch.

¹ Welsh Government. Housing in Wales (Census 2021). <https://www.gov.wales/housing-wales-census-2021-html>

Trydan Gwyrdd Cymru is a renewable energy developer wholly owned by the Welsh Government, with a mission to unlock the renewable energy potential of Wales, and deliver benefits to our society, our environment and our economy, for everyone living and working in Wales today and for future generations.



Glyn Cothi at a glance

 <p>Located within an area identified as suitable for nationally important renewable energy projects, under Future Wales: the national plan 2040²</p>	 <p>Up to 27 modern, highly efficient wind turbines</p>	 <p>Enough energy to power 144,000 average Welsh homes³</p>
	 <p>Mostly within the Welsh Government owned Brechfa Forest</p>	 <p>Annual Community Benefit Funding for 35 year operational lifetime</p>
	 <p>Generating up to 162 MW of clean electricity</p>	 <p>Economic and social benefits retained in Wales, for Wales</p>

² <https://www.gov.wales/future-wales-national-plan-2040>

³ Annual average electricity consumption = 162 MW (installed capacity) x 0.3082 (all wind load factor) x 8760 hours / 3.032 MWh. Source: RenewableUK. UK Wind Energy Database <https://www.renewableuk.com/energypulse/ukwed/> Mean domestic electricity consumption by country/region. Source: DESNZ Subnational Electricity and Gas Consumption Statistics Regional and Local Authority, Great Britain, 2022 <https://assets.publishing.service.gov.uk/media/65b12dff2718c000dfb1c9b/subnational-electricity-and-gas-consumption-summary-report-2022.pdf>

Scoping report submitted to PEDW

In December 2025, we submitted the Scoping Report for Glyn Cothi Wind Farm to Planning and Environment Decisions Wales (PEDW).

This is a key milestone for the project. The Scoping Report sets out what we have identified through our feasibility studies as the key environmental considerations. It is a formal request to PEDW for them to provide us with a Scoping Direction which tells us the level of detail that we need to include in our **Environmental Statement**.

You can find the Scoping Report on PEDW's casework portal <https://planningcasework.service.gov.wales> by searching "SIP CAS-04623-L7W9D0 – Glyn Cothi Wind Farm".

The **Infrastructure (Wales) Act 2024** came into force in December 2025, replacing the Developments of National Significance process. Under the new Act, Glyn Cothi is defined as a Significant Infrastructure Project (SIP) and we will be applying for an Infrastructure Consent Order. The new Act aims to make the planning process more efficient, as well as putting greater responsibility on developers to engage with the community throughout the development of the project.

Common land

We are continuing to speak to rights holders on the commons. We have obtained copies of the commons registers held by Carmarthenshire County Council to help us identify who we need to speak to, however commons registers are not always up to date.

If you have not had the opportunity to inform Carmarthenshire County Council of land purchase with rights or apportioned rights and would like to engage in the consultation on Glyn Cothi Wind Farm, please contact us at croeso@glyncothi.wales or call **01267 610970**.

You said... We will...

Since the project was announced in July 2025, the team have had many useful conversations with local people and others representing relevant local and national organisations. During the informal consultation period, over 200 people attended the consultation events held in Llanybydder, Abergorlech and Brechfa.

This was an informal consultation and isn't a requirement of the planning system. At Trydan we prioritise sharing our plans before they are fixed, holding early conversations and listening to feedback that helps us improve how our plans

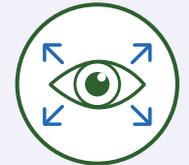
evolve. While we do this, we are also assessing technical, environmental, social and legal considerations. These assessments will continue for at least the next 12 months, as it is important to gather sufficient and representative data. Of course, this means the project team are unable to provide definitive answers to some questions you asked. They are good questions – we are asking them too! We understand this can be frustrating and this was reflected in some of the feedback we received. However, gathering local feedback alongside other kinds of data is the best way to ensure the project benefits from

the local knowledge of residents, businesses and organisations, and we reflect community considerations in our programme of survey work.

We received positive feedback from people who support the need for renewable energy generation and who are keen to see Trydan, the publicly-owned Welsh developer, develop and generate renewable energy to deliver benefits for Wales.

Some feedback described concerns about aspects of our plans. The key areas raised in the feedback, and our response to how we will address these concerns, are detailed here.

You said... "I'm worried it will spoil the natural beauty of the area"



Some of you told us that you're concerned that there's too much development in the area already and that the visual impact of Glyn Cothi Wind Farm may further impact the landscape.

We will...

- Undertake a detailed **Landscape and Visual Impact Assessment (LVIA)** which will identify potential landscape and visual effects, including considering cumulative impact of approved and proposed developments within the area, and review the height of proposed turbines.
- Undertake a **Residential Visual Amenity Assessment (RVAA)** for nearby properties to determine whether visual effects on the property are considered to breach the 'residential visual amenity threshold'.
- Use the LVIA and RVAA to

design a wind farm that is well-balanced.

- The LVIA will assess the potential effects of **aviation lighting**. Not all the wind turbines will be required to be lit, only enough to ensure safety compliance with the Civil Aviation Authority.
- We will update the interactive **3D digital model**, and develop other visualisation tools that help show the scheme in the local landscape. Many people commented on how useful they found the 3D tool we used at the consultation events, and we will continue to use this and other tools to share the plans with you

throughout the development process.

In addition, the Planning Inspector has to consider **cumulative** impact. This means that the Glyn Cothi proposal isn't considered in isolation but in the wider context of other infrastructure **already** in the landscape or **proposed**.



You said... "I'm concerned about the effect on wildlife"



Some of you asked whether the proposed development would affect wildlife and habitats, including peatland, the ancient forest of Brechfa and wider environmental damage.

We will...

- Undertake a **full Environmental Impact Assessment** to assess potential impacts on ecology and ornithology. This information will be presented in a draft Environmental Statement during the Pre-Application Consultation.
- **Avoid or minimise impacts** on biodiversity during all phases.
- Undertake habitat surveys, **protected species surveys, wintering and breeding bird surveys, and bat surveys**. Using this data, we will review the site design to avoid impacts to the wildlife.
- Deliver a **Net Benefit for Biodiversity**, working with partners to develop an **Outline Habitat Management Plan** that enhances wildlife and habitats on the site and ensures environmental sustainability.
- Work with specialists in arboriculture to design a scheme that has the least impact possible on those parts of the forest designated as **ancient woodland**.
- Undertake **peat probing** on the site. This has started and shows peat is mostly absent across the site. The initial turbine locations have been positioned to avoid areas of peat. More detailed peat probing will be carried out this year to refine the design of the proposed development.
- Develop a **Construction Environmental Management Plan (CEMP)** setting out the environmental measures to be employed during the construction phase. A **Flood Consequence Assessment (FCA)** will assess potential flood risk and provide suitable mitigation where required.

You said... "I'm concerned noise and infrasound will impact the health of residents"



Some people raised concerns that the operation of the proposed development could negatively impact the health and wellbeing of residents living near to the site, namely sleep, mental health and wellbeing, stress and anxiety.

We will...

- Undertake an assessment of the **operational noise** from the proposed wind turbines in accordance with methodology and guidance of ETSU-R-97⁴ and the Institute of Acoustics (IOA) Good Practice Guide.⁵
- Carry out **baseline noise monitoring** at relevant locations around the perimeter of the forest. This survey work will be gathering data over the coming weeks that will help us establish current noise levels under different weather and local conditions. We can then use this information, along with ETSU-R-97 guidance, to establish the noise limits which are applicable to the cumulative operation of all wind turbines (proposed, existing and planned) in the surrounding area.
- Consider **mitigation measures** as part of the noise assessment with the aim to prevent and minimise significant adverse effects. Measures could include:
 - Selection of low noise generating wind turbines.
 - Use of reduced noise operational modes for the proposed wind turbines.
 - Siting and orientation to maximise distance and screening effects.
- We will continue to be guided by the **latest professional advice**, such as the IOA, regarding the assessment of infrasound from wind turbines.

⁴ https://assets.publishing.service.gov.uk/media/5a798b42ed915d07d35b655a/ETSU_Full_copy_Searchable_.pdf

⁵ <https://www.ioa.org.uk/sites/default/files/IOA%20Good%20Practice%20Guide%20on%20Wind%20Turbine%20Noise%20-%20May%202013.pdf>

Visit to Ysgol Llanybydder

More than 50 pupils from Ysgol Llanybydder were given a glimpse into the proposed Glyn Cothi wind farm in November.

During Trydan's visit, the children engaged in a series of fun and interactive activities designed to spark curiosity about renewable energy.

From crafting wind turbines out of recycled materials to competing in a lively quiz that tested their knowledge, the children embraced the sessions with enthusiasm.

They also explored a virtual model of the proposed wind farm, enabling them to see what Glyn Cothi could look like.

To celebrate their efforts, each pupil received an 'Arwr Gwyrd' (Green Hero) sticker, with winners receiving rosettes. Trydan donated book tokens to the school to encourage further learning and reading.



Crafting wind turbines



Pupils from Ysgol Llanybydder

4thRegion Green Economy conference

In November, Trydan attended 4thRegion's Green Economy Conference and Exhibition held in Swansea Arena.

This was an opportunity to further raise awareness of our plans for Glyn Cothi Wind Farm with people across Carmarthenshire and the wider area, and to discuss the skills and job opportunities that such a scheme offers during development, construction and operation.

We hosted a stand displaying some of the information boards from the consultation events, as well as the 3D digital model of the proposed development which were available at the consultation events. We were pleased to be invited to contribute to a panel discussion on community-led renewables and deliver a 'Spotlight' presentation about the proposed development at Glyn Cothi.



4thRegion's Green Economy Conference

Community Benefits

Trydan will begin to explore options for establishing how locally responsive funding from the Glyn Cothi project can best benefit local communities, and bring long-term advantages to the surrounding area. We are considering how funding could complement existing local funding streams, address gaps in current provision, and support initiatives that matter most to communities.

There is already lots of existing local expertise on wind farm funding, thanks to the Brechfa Forest West Wind Farm and Alltwalis Wind Farm

funds which have been benefitting many local groups and initiatives for some years. And there are also examples of good practice to learn from elsewhere in Wales. We have started to meet with third-sector organisations to understand priorities on the ground from their perspective. We'll present some of the findings when we start talking in more detail about local benefits.

This work forms part of Trydan's wider ambition to deliver meaningful local benefits, including nature enhancement, improved access to the forest, and opportunities for

local suppliers through public-sector procurement. This is all while ensuring that profits generated are returned to Wales through the Welsh Government as sole shareholder.



Timeline

Autumn - winter 2025

Informal consultation on early-stage plans.

Submission of the Scoping Report to PEDW.

We are here - Early 2026

Gathering the necessary data to inform our plans requires a range of technical specialists. We have undertaken public procurement processes to appoint several Welsh and UK companies.

Surveying starts: Landscape and visual, noise, hydrology, peat, forestry.



Spring - summer 2026

Ecology surveys including protected species such as bat, badger and water vole.

All available information is used to refine the design.

Community engagement. Don't forget, if you want us to speak to your group, please invite us along to one of your regular meetings.

Late 2026

Ongoing ornithology and ecology surveys.

Preparation of the Environmental Impact Assessment and the draft Environmental Statement.

Early 2027

Pre-application consultation (PAC). We publish the draft Environmental Statement and invite feedback.

2027

Submission of planning application to PEDW.

2027-28

Examination by independent Planning Inspector.

2028

Decision by the Welsh Ministers.

If consented - 2029

Detailed design and procurement, and ensuring that designs comply with all planning conditions.

2030 - 2032

Construction works.

Early 2030s*

Power generation.

*Exact year of connection to the National Grid subject to Connections Reform.

