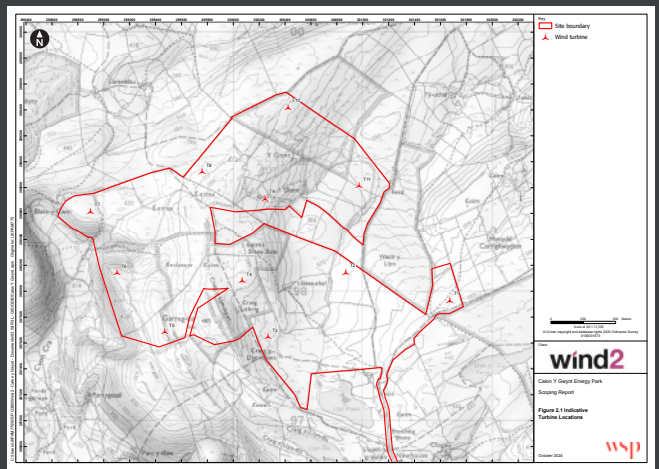
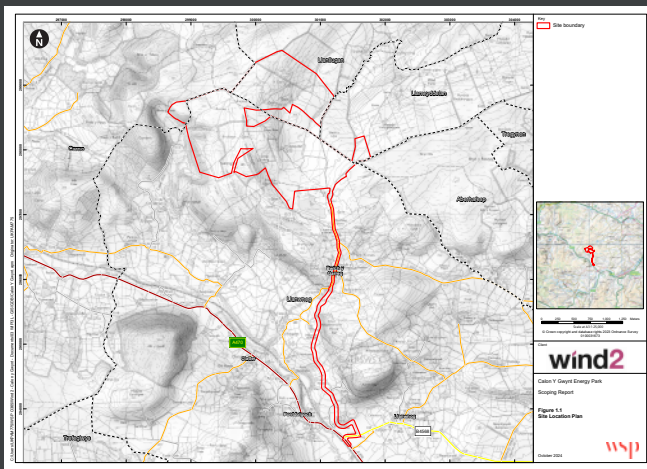


Croeso | Welcome



Croeso i arddangosfa prosiect Parc Ynni Calon y Gwynt. Mae'r baneri arddangos canlynol yn nodi agweddau allweddol ar y parc ynni arfaethedig, sydd wedi bod yn destun ystyriaeth helaeth gan ein harbenigwyr amgylcheddol a thechnegol annibynnol.

Welcome to the Parc Ynni Calon y Gwynt public exhibition. The following exhibition banners set out key aspects of the proposed energy park, which have been subject to extensive consideration from our independent environmental and technical experts.



Cymerwch eich amser i adolygu'r wybodaeth. Mae aelodau allweddol o dîm y prosiect wrth law i ateb unrhyw gwestiynau.

Take as much time as you need to review the information. Key members of the project team are on hand to answer any questions.

Mae ein cydweithwyr â symbol y ddraig goch ar eu bathodyn enw yn siarad Cymraeg.

Our Welsh speaking colleagues are highlighted by the Welsh flag on their name badges.

Manylion yr Ymgeisydd

Parc Ynni Calon y Gwynt Cyf, menter ar y cyd rhwng Wind 2 Limited (Wind2) a chwmnïau a reolir gan Octopus Energy Generation, yw'r ymgeisydd.

About the Applicant

The applicant is Parc Ynni Calon y Gwynt Cyf, a joint venture between Wind 2 Limited (Wind2) and companies managed by Octopus Energy Generation.

Gyda'r pencadlys yng Nghymru, mae Wind2 yn ddatblygwr ynni adnewyddadwy arbenigol, ac yn gweithio ar lu o brosiectau ynni adnewyddadwy ledled Cymru, Lloegr a'r Alban.

Wind2 is a Welsh headquartered, independently owned, specialist renewable energy developer, working on a range of renewable energy projects across Wales, England and Scotland.

Octopus Energy Generation yw un o fuddsoddwyr mwyaf Ewrop mewn asedau ynni adnewyddadwy a phrosiectau pontio i ynni adnewyddadwy. Mae'n rheoli 300 a mwy o brosiectau ynni gwyrdd ar raddfa fawr mewn 13 o wledydd sy'n defnyddio technolegau gwahanol gan gynnwys ynni gwynt ar y tir, gwynt ar y môr ac ynni solar.

Octopus Energy Generation is one of Europe's largest investors in renewable energy assets and energy transition projects, managing more than 300 large-scale green energy projects spanning 13 countries across technologies including onshore and offshore wind and solar energy.

Ein Tîm

Mae aelodau allweddol o dîm y prosiect wrth law i drafod y parc ynni arfaethedig ac ateb eich cwestiynau.

Meet the Team

Key members of the project team are on hand to discuss the proposed energy park and answer your questions.



Samuel Leuty-Milner
Rheolwr Prosiect



Samuel Leuty-Milner
Project Manager



Janet Sanders
Rheolwr Prosiect



Janet Sanders
Project manager



Janet Wagstaff
Rheolwr Cysylltiadau Cyhoeddus a Marchnata



Janet Wagstaff
PR and Marketing Manager



Sganiwch y cod QR am fanylion



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Pam mae angen mwy o ynni adnewyddadwy arnom

Profwyd mai ynni adnewyddadwy yw un o'r dulliau mwyaf cost-effeithiol o gynhyrchu pŵer dibynadwy, di-garbon ac o leihau dibyniaeth y DU ar drydan wedi'i fewnforio. Mae'n helpu i ddiogelu diogelwch ynni a dyna pam mae Llywodraeth Cymru a'r DU wedi gosod uchelgais i gynhyrchu 100% o drydan o ffynonellau adnewyddadwy erbyn 2035, gyda 1.5 gigawat ohono trwy berchnogaeth leol.

Argyfwng Hinsawdd Powys

Ar 24 Medi 2020, cyhoeddodd Cyngor Sir Powys argyfwng hinsawdd ac uchelgais i leihau allyriadau carbon y Cyngor i sero net yn unol â tharged sector cyhoeddus Cymru yn 2030.

Cyflawni Targedau Sero Net a Diogelwch Ynni y DU

Mae Llywodraeth y DU wedi gwneud ymrwymiad cyfreithiol rwyml i sicrhau sero net, sy'n golygu gwaredu allyriadau carbon o'r grid pŵer trwy symud i ffwrdd oddi wrth danwydd ffosil. Mae'r ymrwymiad hwn wedi'i ategu gan darged uchelgeisiol i ddyblu ynni gwynt ar y tir erbyn 2030 a chynyddu capasiti solar bron i bum gwaith i 70 gigawat (GW) erbyn 2035.

Ar ben hynny, cyhoeddodd Llywodraeth Cymru eu hargyfwng hinsawdd eu hunain ar 29 Ebrill 2019 ac yna 'Cymru Sero Net' sy'n gosod y sylfeini i wneud Cymru yn genedl sero net erbyn 2050.

Dim ond trwy gynyddu'n sylweddol ffynonellau ynni adnewyddadwy dibynadwy y gellir cyflawni'r targedau hyn, gan gynnwys ynni gwynt ar y tir, pŵer solar a systemau storio ynni batri. Ategwyd hyn gan adroddiad y Pwyllgor Newid Hinsawdd ym mis Mehefin 2023 i Senedd y DU, a oedd yn pwysleisio'r angen i ehangu ynni gwynt ar y tir.

Bydd prosiectau ynni adnewyddadwy, fel y cynnig ar gyfer Parc Ynni Calon y Gwynt, yn gwneud cyfraniad sylweddol tuag at dargedau lleol a chenedlaethol a hefyd yn helpu diogelwch ynni y DU.

Why We Need More Renewable Energy

Renewable energy is proven to be one of the most cost-effective methods of producing reliable, non-carbon emitting power while reducing the UK's reliance on imported electricity and helping protect energy security, which is the why the Welsh and UK government has set an ambition to generate 100% of electricity from renewable sources by 2035, with 1.5 gigawatts through local ownership.

Powys Climate Emergency

On the 24th of September 2020, Powys County Council declared a climate emergency and announced their ambition to reduce the Council's carbon emissions to net zero in line with the Welsh public sector target of 2030.

Delivering UK Net Zero and Energy Security

The UK Government has made a legally binding commitment to achieve net zero, which means removing carbon emissions from the power grid by moving away from fossil fuels. This commitment is bolstered by an ambitious target to double onshore wind energy by 2030 and increase solar capacity nearly fivefold to 70 gigawatts (GW) by 2035.

Further to this, the Welsh Government declared their own climate emergency on the 29th April 2019 followed by 'Net Zero Wales' which sets the foundations to make Wales Net Zero by 2050.

These targets can only be achieved through a significant increase in reliable renewable energy sources, including onshore wind, Solar power and battery energy storage systems which is backed by the Climate Change Committee (CCC) report in June 2023 to the UK Parliament, emphasising the need for the expansion of onshore wind energy.

Renewable energy projects, such as the proposal for Parc Ynni Calon y Gwynt, will make a significant contribution towards local and national targets as well as help the UK's energy security.



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Hanes y Prosiect

Gydag arwynebedd o tua 14.4 hecтар o dir pori defaid a gwartheg yn bennaf, bydd Parc Ynni Calon y Gwynt, os caiff ganiatâd cynllun, wedi'i leoli 2.7km i'r gogledd o bentref Clatter ym Maldwyn.

Bydd y parc ynni arfaethedig, gydag chapasiti gosod o ryw 153.2 MW yn cynnwys 11 tyrbin gwynt gydag uchder blaen y llafn hyd at 200m, 30 MW o baneli solar a 44 MW o fatris storio ynni.

Yn seiliedig ar yr uchod, gallai'r prosiect gynhyrchu 250,000 MWh** o drydan bob blwyddyn, sy'n cyfateb i ddiwallu anghenion tua 77,000 o gartrefi, tra'n gwrthbwysu tua 47,000 tonnelli o CO² y flwyddyn.

Byddwn yn gwneud cais am fynediad trwy Gaersŵs ac yna trwy dir amaethyddol i'r gogledd o Bont-dôl-goch.

Mae lleoliad y parc ynni arfaethedig yn cael ei ystyried yn addas oherwydd:

- Cyflymder gwynt da ar y safle
- Cysylltiad grid masnachol hyfyw
- Wedi'i leoli y tu allan i unrhyw ddynodiadau cynllunio sy'n gysylltiedig â thirwedd ryngwladol, genedlaethol neu leol
- Wedi'i gynnwys yng nghynllun Cymru'r Dyfodol 2040 fel maes a aseswyd ymlaen llaw ar gyfer datblygu ynni gwynt. Bydd rhagdybiaeth o blaid datblygiadau ynni gwynt ar raddfa fawr yn yr ardaloedd hyn,
- Dwyster pelydriad solar digonol ar y safle
- Cyfle i ddarparu bioamrywiaeth well
- Wedi'i leoli o fewn un o'r deg lleoliad a aseswyd ymlaen llaw ar gyfer ynni gwynt yng Nghymru

*Cyfrifwyd gan ddefnyddio ystadegau diweddaraf DESNZ sy'n dangos mai 3,239kWh yw defnydd cartref cyfartalog blynyddol gwledydd Prydain (ym mis Ionawr 2024, wedi'i ddiweddarau'n flynyddol)

**Ystadegyn allyriadau "pob tanwydd anadnewyddadwy" DESNZ o 437 tonnelli o garbon deuocsid fesul GWh o drydan a gyflenwir yn Digest of UK Energy Statistics (Gorffennaf 2024) Tabl 5.14 ("Estimated carbon dioxide emissions from electricity supplied")



Sganiwch y cod QR am fanylion

About the Project

Occupying an area of approximately 14.4 hectares of predominately sheep and cattle grazing land, Parc Ynni Calon y Gwynt, if consented will be located 2.7km to the north of Clatter.

The proposed energy park, with an estimated installed capacity of 153.2 MW will comprise of 11 wind turbines with a tip height of up to 200m, 30 MW of solar panels and 44 MW of battery storage.

Based on the above, the project has the potential to generate 250,000 MWh** of electricity annually, equivalent to meet the needs of approximately 77,000 homes, while offsetting approximately 47,000 tonnes of CO² per annum.

Access will be sought through Caersws and then through agricultural land to the North of Pontdolgoch.

The location of the proposed energy park is considered appropriate as if features:

- Good on-site wind speeds
- A commercially viable grid connection
- Located outside any international, national or local landscape related planning designations
- Included within Future Wales 2040 as a Pre-assessed area for wind energy development. There is a presumption in favour of large-scale wind energy development in these areas,
- Sufficient on-site solar radiation intensity
- Opportunity to deliver enhanced biodiversity
- Located within one of ten pre-assessed locations for Wind in Wales

*Calculated using the most recent statistics from DESNZ showing that annual GB average domestic household consumption is 3,239kWh (as of January 2024, updated annually)

**DESNZ's "all non-renewable fuels" emissions statistic of 437 tonnes of carbon dioxide per GWh of electricity supplied in the Digest of UK Energy Statistics (July 2024) Table 5.14 ("Estimated carbon dioxide emissions from electricity supplied")



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Community Benefit Fund

Mae Asesiad o'r Effaith Amgylcheddol (AEA) ar gyfer safle'r parc ynni arfaethedig ar y gweill ar hyn o bryd.

Cyflwynwyd Dogfen Gwmpasu i 'Penderfyniadau Cynllunio ac Amgylchedd Cymru' (PEDW) gan Wind2 Ltd ym mis Chwefror 2025 yn cadarnhau cwmpas yr asesiad. Bydd y broses hon yn ein galluogi i ymgysylltu'n uniongyrchol â'r ymgylchreion statudol perthnasol a phenderfynu ar y cwmpas priodol ar gyfer cyflwyno'r AEA.

Cynhaliwyd ymgynghoriad gyda Chyngor Sir Powys ac ymgylchreion allweddol eraill megis Cyfoeth Naturiol Cymru a NATs i gytuno ar y cwmpas gofynnol o arolygon, asesiadau ac er mwyn diogelu cynefinoedd a rhywogaethau sensitif.

Bydd canlyniadau'r AEA yn cyd-fynd â'r cais terfynol i'w gyflwyno i PEDW hydref 2025.

Bydd yr AEA yn asesu:-

- **Ecoleg ac Adareg:** Mae arolygon bywyd gwyllt helaeth (adar, ystlumod, planhigion) wedi cael eu cynnal ers 2018 i leihau'r effaith ar ecosystemau lleol.
- **Dŵr a Phriddoedd:** Mae'r prosiect wedi'i gynllunio i amddiffyn dŵr a phridd. Cynhaliwyd arolygon mawn a bydd seilwaith wedi'i leoli i ffwrdd o ardaloedd mawn dyfnach. Disgwylir i'r prosiect wrthbwyso ei ôl troed carbon o fewn 1-2 flynedd.
- **Perygl Llifogydd:** Byddwn yn cynnal asesiad risg llifogydd llawn.
- **Treftadaeth Ddiwylliannol:** Mae cynllun y prosiect yn lleihau'r effaith ar safleoedd hanesyddol cyfagos.
- **Sŵn:** Bydd lefelau sŵn yn ystod y gwaith adeiladu a gweithredu (o dyrbinau ac o seilwaith sy'n gysylltiedig â'r fferm solar a'r batris storio ynni) yn cael eu rheoli'n ofalus ac yn cydymffurfio â'r holl reoliadau.
- **Yr Economi:** Bydd y prosiect yn cael ei asesu am ei effaith economaidd gyffredinol, gan gynnwys creu swyddi a buddion lleol.
- **Tirwedd:** Mae asesiad manwl o'r effaith weledol yn cael ei gynnal o olygfannau allweddol, i'w gytuno gydag ymgylchreion statudol.

Environmental Impact Assessment

An Environmental Impact Assessment (EIA) for the proposed energy park site is currently in progress.

A Scoping Document was submitted to Planning and Environment Decisions Wales (PEDW) by Wind2 Ltd in February 2025 confirming the scope of the EIA. This process will allow us to directly engage with the relevant statutory consultees and determine the appropriate scope for the EIA submission.

Consultation has been undertaken with Powys County Council and other key consultees such as Natural Resource Wales and NATs to agree on the required scope of surveys, assessments and to safeguard sensitive habitats and species.

The results of the EIA will accompany the final application to be submitted to PEDW in Autumn 2025.

The EIA will assess:-

- **Ecology & Ornithology:** Extensive wildlife surveys (birds, bats, plants) have been conducted since 2018 to minimise impact on local ecosystems.
- **Water & Soils:** The project is designed to protect water and soils. Peat surveys have been carried out and infrastructure will be located away from deeper peat areas. The project is expected to offset its carbon footprint within 1-2 years.
- **Flood Risk:** A full flood risk assessment will be completed.
- **Cultural Heritage:** The project design minimises impact on nearby historic sites.
- **Noise:** Noise levels during construction and operation (from turbines and from infrastructure associated with the battery and solar farm) will be carefully managed and comply with all regulations.
- **Economy:** The project will be assessed for its overall economic impact, including job creation and local benefits.
- **Landscape:** A detailed visual impact assessment is being carried out from key viewpoints, to be agreed with statutory consultees.



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Cronfa Budd Cymunedol

Cronfa Budd Cymunedol

Mae Wind2 ac Octopus Energy wedi ymrwymo i sicrhau bod cymunedau lleol yn elwa ar y parc ynni a byddant yn darparu cronfa budd cymunedol benodedig o £5,000 fesul megawatt y capasiti gosod.

Fel rhan o'n cylch o ymgynoriadau cyhoeddus a fydd yn dechrau cyn hir, byddwn yn gofyn am farn cymunedau lleol ar sut y dylai'r gronfa gael ei rheoli, ei dosbarthu a'i defnyddio.

Rhanberchnogaeth Gymunedol

Yn ogystal â chronfa budd cymunedol, hoffai Wind2 ac Octopus Energy archwilio modelau posibl ar gyfer rhanberchnogaeth gymunedol ar Barc Ynni arfaethedig Calon y Gwynt, lle byddai'r cymunedau a'r unigolion lleol yn cael cyfle i fuddsoddi yn y prosiect.

I rannu eich barn am y gronfa budd cymunedol a chydberchnogaeth, sganiwch y cod QR isod a llenwch y ffurflen. Fel arall, gallwch lenwi'r ffurflen ar y dabled neu lenwi fersiwn bapur a naill ai ei phostio yn y blwch adborth neu ei dychwelyd trwy'r cyfeiriad ar y ffurflen.



Darllenwch y manylion drwy'r cod QR hwn

Community Benefit Fund

Community benefit Fund

Wind2 and Octopus Energy Generation are committed to ensuring that the local communities benefit from the energy park and will be providing a dedicated community benefit fund of at least £5,000 per megawatt installed capacity.

As part of our public consultations, we are seeking your initial views on how the fund could be managed, distributed and used.

Community Shared Ownership

In addition to the community benefit fund, Wind2 and Octopus Energy Generation would like to explore potential models for community shared ownership of the proposed Parc Ynni Calon y Gwynt, whereby the local communities and individuals would have the opportunity to invest into the project.

To share your views regarding the community benefit fund and shared ownership, simply scan the below QR code and complete the form. Alternatively, you can complete the form via the tablet or complete a paper version and either post it in the feedback box or return it via the address on the form.



View this information via the QR code below



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Golygfan 1 – A470 Clatter Viewpoint 1 – A470 Clatter



Photowire



Montage ffotograffig | Photomontage

Golygfan 2 – Carno A470 Viewpoint 2 – A470 Carno



Photowire



Montage ffotograffig | Photomontage



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Golygfan 3 – Cefn-coch Viewpoint 3 – Cefn Coch



Photowire



Montage ffotograffig | Photomontage

Golygfan 6 – B4569 Gorllewin Caersŵs Viewpoint 6 – B4569 West Caersws



Photowire



Montage ffotograffig | Photomontage



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**Viewpoint 9 – Llanidloes Road, Newtown
Golygfan 9 – Ffordd Llanidloes, Y Drenewydd**



Photowire



Montage ffotograffig | Photomontage



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Amserlen

- **Ymgynghoriad cyhoeddus** – Mawrth 2025
- **Dadansoddi'r Adborth** – Gwanwyn 2025
- **Parhau i baratoi'r AEA a chynllunio'r prosiect** – Gwanwyn 2025
- **Ail rownd yr ymgynghoriad cyhoeddus** – Haf 2025
- **Cyflwyno i Penderfyniadau Cynllunio ac Amgylchedd Cymru (PEDW)** – Hydref 2025
- **Penderfyniad gan PEDW** – 2026
- **Parc Ynni ar waith – ar ôl** – 2030

Cynhelir ail rownd o arddangosfeydd cyhoeddus lle bydd y gymuned leol yn cael gwybodaeth am y cynigion terfynol cyn cyflwyno'r cais.

Y Camau Nesaf

Mae'r digwyddiad hwn yn un elfen o raglen gynhwysfawr o ymgynghori cyhoeddus sy'n cael ei chynnal i ddarparu gwybodaeth a chasglu sylwadau ac adborth am gynigion ar gyfer y parc ynni arfaethedig.

Bydd eich sylwadau'n helpu i wella ansawdd ein cyflwyniad cynllunio ac yn llywio cynigion cysylltiedig ar gyfer cronfa budd cymunedol a modelau cydberchnogaeth gymunedol posibl.

Rydym wedi creu gwefan bwrpasol i'r prosiect yn www.parcynni-calonygwynt.cymru a fydd yn cael ei diweddarau'n rheolaidd gyda'r wybodaeth ddiweddaraf am ein cynigion a'r broses ymgynghori cyhoeddus yn Gymraeg ac yn Saesneg.

Er mwyn rhoi digon o amser i aelodau'r gymuned leol bwysu a mesur a chyflwyno barn ac adborth, rydym wedi pennu dyddiad cau ar 21 Mawrth 2025 ar gyfer ymatebion.



Darllenwch y manylion drwy'r cod QR hwn

Os gallwch chi, cymerwch ychydig funudau i roi eich adborth trwy'r cod QR, y dabled neu trwy lenwi'r ffurflen adborth.

Sylwch nad yw'r sylwadau sy'n cael eu gwneud i Wind2 yn sylwadau a wneir i Penderfyniadau Cynllunio ac Amgylchedd Cymru (PEDW). Bydd cyfle i wneud sylwadau uniongyrchol i PEDW pan fydd y cais cynllunio yn cael ei gyflwyno.

Os hoffech drafod unrhyw agwedd ar y datblygiad arfaethedig, siaradwch ag aelod o dîm y prosiect.

Mae croeso i chi lenwi'r ffurflen adborth ar-lein hefyd yn: Parcynni-calonygwynt.cymru/adborth

neu gallwch ysgrifennu atom neu anfon eich ffurflen adborth i:

Wind 2 Limited, Linden House, Parc Busnes yr Wyddgrug, Yr Wyddgrug, Sir y Fflint, CH7 1XP

Timeline

- **Public Consultation** – March 2025
- **Analyse Feedback** – Spring 2025
- **Continue with EIA Preparation and Project Design** – Spring 2025
- **Second Round of Public Consultation** – Summer 2025
- **Submit to Planning and Environment Decisions Wales (PEDW)** – Autumn 2025
- **Decision by PEDW** – 2026
- **Energy Park Operational** – Post 2030

A second round of public exhibitions will be held where the local community will be provided with information on the final proposals prior to the submission of the application.

Next Steps

This event is one element of a comprehensive programme of public consultation being undertaken to provide information and collect comments and feedback about proposals for the proposed energy park.

Your comments will help improve the quality of our planning submission and inform related proposals for a community benefit fund and potential community ownership models.

We have created a dedicated project website at www.parcynni-calonygwynt.cymru which will be regularly updated with the latest information about our proposals and the public consultation process in both Welsh and English.

To give members of the local community sufficient time to provide their thoughts and feedback, we have set a deadline of the 21st March 2025 for responses.



View this information via the QR code below:

If you can, please take a few minutes to provide your feedback via the QR code, the tablet or complete a feedback form.

Please note that comments made to Wind2 are not representations made to the Planning and Environment Decisions Wales (PEDW). There will be the opportunity to make direct representations to the Planning and Environment Decisions Wales (PEDW) when the planning application is submitted.

If there is any aspect of the proposed development you'd like to discuss in more detail, please to speak to a member of the project team.

You can also complete the feedback form online at:

Parcynni-calonygwynt.cymru/feedback

or write to us or send us your completed feedback form via the following address:

Wind 2 Limited, Linden House, Mold Business Park, Mold, Flintshire, CH7 1XP