

April 2024

FINAL

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Convatec Green Manufacturing Hub Collaborative Benefits Report

Rhymney

Convatec and Pure Energy Professionals

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Foreword

1. This Collaborative Benefits Report (CBR) has been prepared in line with the **Welsh Government's guidance on Local and Shared Ownership of Energy Projects in Wales** [1]
2. This CBR has been prepared by Grasshopper Communications Ltd on behalf of Pure Energy Professionals Ltd, acting on behalf of Convatec Ltd, to detail the shared wider benefits of **Convatec's Green Manufacturing Hub** (referred to as the 'Proposed Scheme').
3. Convatec is seeking to obtain consent for the construction and operation of the Proposed Scheme located near its manufacturing facility at the Heads of the Valleys Industrial Estate in Rhymney, South Wales.
4. The proposals include wind turbine and solar PV development to supply **renewable energy for Convatec's manufacturing** facility in Rhymney and will consist of three wind turbines with a combined capacity of around 15MW, plus 5MW of solar PV, making for a combined installed capacity of around 20MW. The proposed wind turbines are a height of up to 150 metres. The energy **generated is likely to exceed the amount needed to power Convatec's** Rhymney operations, providing a surplus which can reduce the carbon footprint of their Deeside factory and neighbouring local businesses and community organisations in and around Rhymney.
5. As the Proposed Scheme will have a potential generating capacity of more than 10MW, it falls within the definition of a Development of National Significance (DNS) under Regulation 4 of the Developments of National Significance (Specified Criteria and Prescribed Secondary Consents) (Wales) Regulations 2016, for the purposes of section 62(D) of the Town and Country Planning Act 1990, as amended by s19 of the Planning (Wales) Act 2015.
6. In 2017, the Welsh Government set an expectation that all new energy projects will have at least an element of local ownership from 2020, with a target that 1 GW of renewables electricity and heat capacity in Wales will be locally owned by 2030. However, Julie James MS noted:
"We have deliberately not been overly prescriptive in the models suggested as we welcome creative and innovative projects across Wales that meet our objectives and the needs of local communities. We anticipate that over time we will have further examples of projects onshore, and potentially offshore, which embrace these objectives and help Wales become a leading nation of shared and locally owned energy."
7. Subsequently, while shared and local ownership on energy projects in Wales is a desired outcome, it is not a planning requirement. Similarly, the preparation of a Collaborative Benefits Report is not a planning requirement.

8. Convatec began engaging with local stakeholders in May 2023. While shared ownership is not proposed, the Proposed Scheme provides significant localised societal and community benefit.
9. Convatec is pleased with the early engagement thus far and believes that the surplus energy aspect and community benefit offering has been warmly received.

Stakeholder Identification

10. Convatec began stakeholder engagement in 2023 following a stakeholder mapping process to identify all potential stakeholders including elected representatives, local business groups, community, education and special interest groups, statutory consultees, local media and relevant local authority officers including officers in the planning departments of Caerphilly CBC.
11. The process of identifying stakeholders related to the project began in January 2023.
12. The Proposed Scheme is located within the administrative boundary of Caerphilly County Borough Council, in the Twyn Carno ward which is represented by Cllr Carl Cuss, with whom Convatec has maintained close contact throughout the development of the proposals.
13. A full range of stakeholders were identified during the mapping process for engagement relating to the consultation on the planning application. Stakeholder details, engagement methods and outcomes of the consultation are included in the Pre-Application Consultation Report. For the purposes of this CBR, we are describing how Convatec identified and engaged with stakeholders specifically in relation to wider societal and community benefits resulting from the Proposed Scheme.

Community Benefits Fund

14. The key stakeholders identified with regards to community investment funding were site ward councillor Carl Cuss, Rhymney Community Council (including adjacent ward members), constituency MP Gerald Jones, constituency MS Dawn Bowden and regional MSs Peredur Owen Griffiths, Delyth Jewell, Laura Anne Jones and Natasha Asghar. The CBF was discussed in briefing meetings held in the run-up to the non-statutory early consultation phase (detailed below).

Surplus Energy

15. The energy generated by the project is likely to exceed the amount needed to **power Convatec's Rhymney operations, and whilst** Convatec aim to be able to use some of this to reduce the carbon footprint of their Deeside factory in North Wales, they are exploring how some of this surplus energy could also be used by neighbouring local businesses and community organisations in and around Rhymney. This involves exploring options with the local authority to supply existing demand as well as future developments.

Businesses

16. Local businesses were identified through Caerphilly Business Club, Bargoed Chamber of Trade and Chambers Wales.

Engagement Process

17. Convatec adopted a multi-stage approach, beginning with early engagement with identified key stakeholders, followed by an early public consultation exercise on the emerging plans with analysis of the feedback received. This feedback, along with further meetings and extensive surveys and studies, informed the subsequent statutory pre-application consultation on the updated proposals.

Key Stakeholder Meetings

18. Following an extensive stakeholder mapping exercise, Tier 1 stakeholders were sent an email on 11 May 2023 to introduce the project and were invited to have face-to-face or online briefing meetings. The following stakeholders were identified as Tier 1 stakeholders:

- Dawn Bowden, Labour, MS for Merthyr Tydfil and Rhymney
- Gerald Jones, Labour, MP for Merthyr Tydfil and Rhymney
- Delyth Jewell, Plaid Cymru, MS for South Wales East
- Peredur Owen Griffiths, Plaid Cymru, MS for South Wales East
- Laura Anne Jones, Conservative, MS for South Wales East
- Natasha Asghar, Conservative, MS for South Wales East
- Cllr Carl Cuss, CCBC, ward member
- Cllr Robert Edward Chapman, CCBC, adjacent ward member
- Cllr David Harse, CCBC, adjacent ward member
- Cllr Mansel Powell, CCBC, adjacent ward member
- Rhymney Community Council
- Caerphilly County Borough Council Cabinet and key officers

19. Stakeholder meetings were held over a two-week period in late May and early June. Each meeting included a presentation given by members of the attending project team and a Q&A for stakeholders to ask questions about the project and about the Community Benefits Fund and Surplus Energy. The presentation given can be seen in Appendix A.

20. The following stakeholder meetings were held:

- Wednesday 31st May 2023 – Rhymney Community Council

Between 4.30pm and 5.30pm an online briefing was held on Zoom for members of Rhymney Community Council. All members of Rhymney Community Council were invited by email and by the clerk, who also raised it in their council meeting prior to this briefing.

Attendees:

- Geraint Williams (Clerk)
- Cllr John Hughes

Key discussion points:

- The neighbouring open cast mine is a key issue, and the councillor wanted an assurance that no coal will be extracted from the mountain for the duration of the project.
 - The councillor warned that coal dust from the adjacent opencast mine at Ffos Y Fran may have an impact on the solar panels.
 - There was discussion around the community benefits fund and how the funds could be administered.
 - The importance of any strategic community funding returning value to the community, and a view that if the fund could link in with sustainability and education that would be preferable.
- Thursday 1st June 2023 – Cllr Carl Cuss & Dawn Bowden MS

Between 10.30am and 11.30am a face-to-face briefing was held at Convatec's Rhymney manufacturing plant for a selection of key stakeholders, invitees including the local MP Gerald Jones, the local MS Dawn Bowden, and Caerphilly County Borough Council ward members Carl Cuss, Mansel Powell and David Harse.

Attendees:

- Dawn Bowden MS
- Cllr Carl Cuss
- Martin Eaglestone

Key discussion points:

- Convatec's net zero aims and how the Convatec Green Manufacturing Hub contributes to these aims.

- Similar renewable energy applications in the local area (Pen Bryn Oer, Pen March) and the issues that were raised during those consultations – such as shadow flicker in the Princetown area.
 - The possibility of cumulative impact becoming more of a concern for residents.
 - There now being three significant projects in the area with similar goals and the impact this may have on grid connection.
 - The benefits of having a long-term local employer committing to the area and how projects like this help respond to the multiple crises in society at the moment such as the cost of living, energy security and the climate.
 - Turbine visibility – why the turbines are the size they are and whether any ZVIs (zone of visual impact) will be produced.
 - The community benefits fund and how it can be administered in a focused and strategic way – for instance by tackling education and sustainability.
- Friday 9th June 2023 – Peredur Owen Griffiths MS

Between 11am and 12pm a face-to-face briefing was held at Convatec's manufacturing plant with Peredur Owen Griffiths, the regional MS for South Wales East. Also attending was the Plaid Cymru Policy & Communications officer Gareth Llewellyn, and Steve Skivens, a Plaid Cymru councillor for Penyrheol ward at Caerphilly County Borough Council.

Key discussion points:

- How the surplus energy could be used by the community on weekends when Convatec is using it less. Also, a question about the local school's energy costs.
 - Whether the location plan is set in stone and whether there will be ZVIs available to view at some point in the future.
 - Ensuring that projects like this have enough community benefit so that residents get something back for the impact on their community.
 - The need for the community benefit fund to be distributed in a fair way.
 - Where the solar PV's and turbines will be manufactured.
- Tuesday 13th June 2023 – Caerphilly County Borough Council Leadership
- Between 2pm and 3pm an online briefing was held on Zoom for members of the Caerphilly County Borough Council leadership. Invitations were

extended to Councillors Sean Morgan (Leader of the Council), James Pritchard (Deputy Leader and Cabinet Member for Prosperity, Regeneration and Climate Change), Philippa Leonard (Cabinet Member for Planning & Public Protection). All three councillors attended.

Key discussion points:

- How does the turbine height compare to other schemes in the local area and why are they different.
- The extent of the visual impact – when will there be ZVI's so the community can know what to expect.
- Whether all the energy will be used or whether there will be an element of waste.
- Whether a grid connection has been agreed with Western Power.
- The concerns that residents have around the open cast mines.
- The community benefits fund and how it can be utilised in a way that is beneficial in the long-term – a lot of the money that has come from projects like this has been wasted.

In addition, follow-up meetings were held from August 2023 to early 2024 as follows:

- Thursday 17 August 2023 – CCBC Deputy Leader and officers
Between 12.30 and 1.30pm an online meeting to discuss green hydrogen energy was held with Cllr James Pritchard, Paul Cook (Transformation & Decarbonisation Manager, Lead) and Anna Lewis – (Transformation Project Officer).

Key discussion points:

- How Convatec will still have to rely on natural gas at times when there is no sun or wind and how could this be replaced with a greener energy source in future.
 - How the LA is looking into options for an electrolyser to produce green hydrogen.
 - The LA's policy regarding green hydrogen (neutral at the time of this meeting).
-
- Thursday 14 September 2023 – meeting with ward site member and CCBC officers

Between 1 and 2pm a hybrid meeting was held to discuss the surplus energy offer with Cllr Carl Cuss (ward site member), Paul Cook (CCBC Transformation & Decarbonisation Manager, Lead) Ben Winstanley (CCBC Head of Land and Property Services) and Andrea West (CCBC Sustainable Communities for Learning, Education and Corporate Services).

Key discussion points:

- Current and future demand centres in the area.
 - Longevity of contract.
 - Community use at a demand centre.
 - CCBC's net zero by 2040 target.
 - Schools engagement.
 - The possibility of a joint Community Benefits Fund strategy between Convatec and other renewable energy developments in the area.
 - Affordable electricity.
 - Local investment.
-
- Monday 22 January 2024 – meeting with ward site member and CCBC officers.

Between 3pm and 4pm a further meeting was held to discuss surplus energy with Cllr Carl Cuss, Paul Cook and Andrea West. Ben Winstanley gave his apologies.

Key discussion points:

- Current planning proposals coming forward in the area.
- The overall demand profile of the LA estate.
- The viable distance for a private wire.
- Power purchase agreements.
- Long term green hydrogen ideas.

Non-statutory consultation

21. The non-statutory consultation for the Proposed Scheme took place between 14 June 2023 and 16 July 2023. A variety of consultation tools and communication channels were used to encourage participation in the consultation from stakeholders and the local community which are set out below.
22. A bilingual newsletter introducing the emerging proposals for the Proposed Scheme was posted to a total of 4016 properties (3769 residential and 247 business addresses) in the defined consultation zone (approximately 7 square-miles around the site shown in Appendix B) and emailed/posted to identified stakeholders (including elected representatives, schools, community and interest groups) in the consultation zone and wider area as listed in Section 18 and Appendix C. The newsletter landed on doorsteps on Wednesday 14 June and gave an overview of the site, the proposals, feedback mechanisms (including two community events) and contact details (shown in Appendix D).
23. A bilingual webpage hosted on Convatec's website was set up at the start of the project to provide information about the site, proposals, feedback mechanisms and contact details so local communities and stakeholders can find out more and comment on the emerging proposals:
<https://www.convatecgroup.com/green-manufacturing-hub-rhydney/>. A screen grab from the website is included in Appendix E.
24. An online feedback form was produced to gather feedback during the non-statutory consultation. This was made available on the project website at the start of the consultation at <https://www.convatecgroup.com/green-manufacturing-hub-rhydney/consultation/>. Hard copies were available at the face-to-face events and returned to the project team using the Grasshopper Freepost address. A copy of the feedback form is attached at Appendix F. The non-statutory early consultation feedback form asked the following questions in relation to collaborative benefits:

'We are committed to delivering local community benefits through a Community Benefits Fund and by finding ways to deliver surplus energy to other local business and community organisations. If you have any suggestions on how this can be used to greatest effect in the communities in and around Rhymney, please enter them here'.

During the non-statutory early consultation, 18 feedback forms were completed online or returned using the freepost address. Many respondents welcomed the prospect of a Community Benefits Fund and during this first round of consultation, the following suggestions were made for how the fund could be used:

- Sports clubs
- Churches

- Adoption projects similar to 'The Bourneville Village Project'
- Cutting residents' energy costs
- Schools
- Small businesses with council tax costs
- Rhymney High Street
- Community centres
- Secure fencing on hillsides to prevent animal trespass
- Swimming pool
- Education and sustainability sectors

Regarding surplus energy, whilst some respondents made specific suggestions on how the surplus energy could be used, in particular to address deprivation, others asked how can the potential surplus energy be used to benefit the community in general. During this first round of consultation, the following suggestions were received:

- Businesses, community centres and residents who are struggling with energy bills
- Subsidising the energy costs of local charities
- Supporting local business
- Local factories and other manufacturing sites

25. The statutory Pre-Application Consultation from 17 April to 29 May 2024 features further information about the CBF and Surplus energy. The feedback form asked the following questions:

- We are committed to delivering local community benefits through a Community Benefits Fund of around £75,000 per year. So far, we have received some ideas such as combining our fund with those of other existing local renewable developments in the area so that bigger projects can be undertaken. Please give us your views on this, along with any other suggestions regarding priorities for the fund.
- We are looking for ways to deliver some of our surplus energy to other local business and community organisations. While we have been actively exploring options for this with the Local Authority, we are keen to know your views on how this surplus could be used to greatest effect in the area.
- Responses to the above questions will be reported in the PAC report.

26. A press release was sent to local media to introduce the project and publicise the non-statutory consultation on Wednesday 14 June 2023 (see Appendix G) with selected press coverage attached as Appendix H.

27. A half-page bilingual advert was placed in the Rhymney Valley Express newspaper on Thursday 22 June 2023 on Page 9 to advertise the public exhibitions (see Appendix I). Also included as part of the package was 2 weeks

of InYourArea with the Convatec website as the clickthrough page, targeting the Rhymney Valley area.

28. The advert was converted into a bilingual A4 poster (see Appendix J) and was put up inside one exhibition venue and at 5 prominent outdoor locations locally (see Appendix K).
29. Social media text for Facebook and Twitter was prepared (refer to Appendix L) to help raise awareness of the project and publicise the consultation events and how to give feedback. It was issued to the following stakeholders, local community groups and local Facebook groups to use on their social media channels:
- Gerald Jones MP
 - Dawn Bowden MS
 - Cllr Carl Cuss
 - Peredur Owen Griffiths MS
 - Rhymney Facebook page
 - Rhymney Community News Facebook page
 - St David's Community Centre

Public exhibitions

30. The purpose of the exhibition events was to invite the local community to meet the project team and discuss the proposals at a venue privately hired by Convatec. The following drop in events took place:

Date	Time	Venue	Attendees
Wednesday 28 June	4pm to 8pm	St David's Community Centre, High Street, Rhymney, NP22 5BB	16
Thursday 29 June	10am to 2pm	Ael y Bryn Sports & Community Centre, Aneurin Terrace, Rhymney, NP22 5DR	14

31. These venues were chosen because they had space for the exhibition materials and disabled access. **St David's Community Centre was chosen due to its central location in the middle of town, making it easier for residents to get to the venue on foot or by public transport.** Meanwhile, Ael y Bryn Sports & Community Centre was chosen due to its location opposite the Convatec site, good parking onsite, accessibility and close links to members of the community. It was decided to have two events, one in the middle of the day and another in the evening in order to enable residents to visit after work.



St David's Community Centre



Ael y Bryn Sports & Community Centre

32. There were 8 bilingual exhibition boards with the following information:

- **Welcome...** – An introductory board with broad information about Convatec as a global company, including an example of its products. Also, information on how to provide feedback on the proposals.
- **Convatec in Wales** – A more focused look at Convatec's operations in Wales and specifically in the local area. Also includes a section on community benefit, asking how the proposed community benefits fund and potential surplus energy should be used.
- **Creating our own green energy** – Details of the proposals and information on the environmental justifications for the project.
- **Masterplan** – Proposed Site map.
- **Why this location?** – Identifying and explaining the reasons for the site being situated next to Convatec's manufacturing facility in Rhymney.
- **Caring for the environment** – Details on the environmental studies that will be taking place prior to the statutory consultation in the future, as well as some details on what we already know about the ecology in the area.
- **Managing local impacts** – Some details on the concerns residents may have about the impact this project will have on the community – including access and transport, shadow flicker and noise, and visual impact and landscape.
- **Community benefits** – More detail about the community benefits fund and surplus energy, a section on next steps, the proposed submission timeline, and contact details.

33. The boards were produced and displayed in English and Welsh at each of the venues and were available to download as a PDF from the project website. The exhibition boards are attached as Appendix M.
34. Feedback forms, newsletters, Convatec brochures, product samples and an informational video were also available at the events.
35. Of the 30 attendees, a broad range of views were conveyed, with many expressing genuine support for the project proposals, mainly on the grounds of tackling climate change, and on the community benefits fund and surplus energy offer.



Welsh exhibition board



Leaflets, brochures and product samples

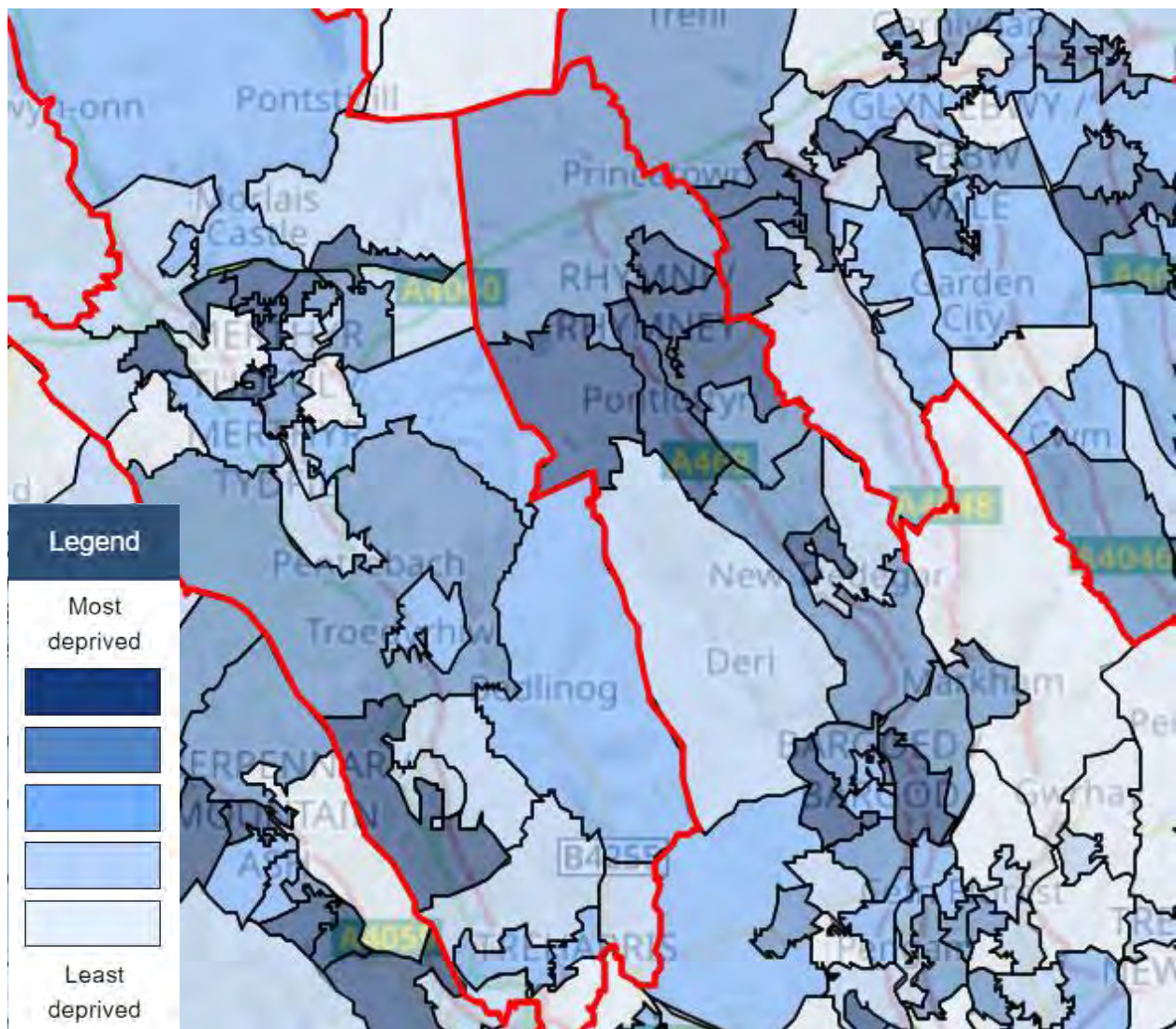
Project Benefits

Alignment with the Well-Being of Future Generations Act

36. Within Wales, the Well-being of Future Generations Act (2015) provides the legislative framework for understanding sustainable development in relation to public bodies [2]. As a private entity, Convatec Ltd has no obligation or duty to abide by the Act. However, the Proposed Scheme demonstrates alignment to the Act in a number of key areas, demonstrating the significant wider benefit provided by the project to the local community, which is in-keeping with the **Welsh Government's vision for a prosperous, resilient and sustainable Wales.**
37. The Proposed Scheme has strong alignment to 'A Prosperous Wales' which states the goal of creating an 'innovative, productive and low carbon society which recognises the limits of the global environment' [3]. The Proposed Scheme's supplying of renewable generated electricity to supply Convatec's manufacturing facilities represents an innovative approach to moving towards a productive low carbon society.
38. The Proposed Scheme has some alignment with 'A Resilient Wales', which states the goal of creating a 'nation which maintains and enhances a biodiverse natural environment with healthy functioning ecosystems' [4]. By establishing renewable energy infrastructure on the site, the project will remove the risk of the land being developed for the extraction of coal, which is known to be beneath the site area. This in turn ensures that the land is maintained as a habitat in its current form.
39. The Proposed Scheme has significant alignment to 'A Wales of Cohesive Communities' which aims to enable 'attractive, safe, viable and well-connected' communities [5]. The proposed Community Investment Fund will provide an annual sum of £75,000 to support local initiatives aimed at empowering and improving community connectivity, viability and attractiveness. The Proposed Scheme also represents a significant investment in **Convatec's presence in Rhymney**, helping enable an economically viable community.
40. The Proposed Scheme has significant alignment with 'A Globally Responsible Wales' which aims to enable 'A nation which, when doing anything to improve the economic, social, environmental and cultural well-being of Wales, takes account of whether doing such a thing may make a positive contribution to global well-being' [6]. The creation of a green manufacturing hub in Rhymney represents a significant investment in displacing carbon intensive forms of energy production with low-carbon alternatives, in a project that is unprecedented in size and type within Wales.

Economic Impact

41. Pure Energy Professionals, on behalf of Convatec Ltd., commissioned planning consultants Wardell Armstrong to report the economic benefits that the Proposed Scheme could deliver at a local, national and UK level.
42. The Caerphilly County Borough Local Development Plan identifies several socio-economic objectives for the County, including the provision of diverse employment opportunities and protecting the character of local towns and villages.



Overview of LSOA's in Rhymney area by deprivation related to employment [7]

43. The LSOA of the site of the proposed scheme is bordered by six LSOA's which rank within the 10% most deprived LSOA's in Wales – Darren Valley 2, Pontlottyn, Moriah 2, Twyn Carno 1, Tredegar and Central West 2, Tredegar and Central West 3. Another (Moriah 3) is within the locale of Rhymney.

44. In particular, Twyn Carno 1 and Tredegar and Central West 2 rank very high for employment related deprivation, as eight and twelfth most deprived respectively.
45. The Proposed Scheme presents a significant investment by Convatec in keeping manufacturing in Rhymney, providing high quality employment in a location deprived of such opportunities.
46. Socio-economic analysis on the impacts of the Proposed Scheme by Wardell Armstrong [8] a number of beneficial socio-economic outcomes, including seven minor beneficial outcomes and three moderate beneficial outcomes. The three moderate beneficial outcomes included increased local employment opportunities during the installation and decommissioning of infrastructure, and the improvement in local energy security.
47. Maintenance of the infrastructure will contribute towards increasing demand for skills and employment in Net Zero Skills. Solar panels will be maintained and cleaned annually while turbines will be maintained twice annually.
48. The generation of local employment may not directly benefit the local workforce within the Direct are of influence without specific efforts to retain benefits locally. The promotion of local employment and supply chain provision can be achieved through a Local Employment Plan (LEP).
49. The hub will be a local educational asset for those looking for employment by providing an introduction to job opportunities in the ever-increasing world of clean energy.

Community Benefits Fund

50. An annual fund of around £75,000 will be available to deliver meaningful local projects in Rhymney. Convatec will fully involve the community in setting up the fund to ensure maximum benefit is achieved. We have already started exploring options for the fund with key local stakeholders and will hold a Community Benefits Fund Workshop during the statutory consultation period to include local groups and businesses along with elected representatives. This workshop will discuss the **fund's** geographical reach, administration, qualification criteria and surplus energy aspect. A summary of the workshop discussion will be included in the Consultation Report to be submitted with the planning application. Convatec will continue to welcome input and ideas from the community as the proposal moves through the DNS planning process. Ideas so far feature the possibility of combining the fund with those of other existing developments in the area so that bigger projects can be undertaken.

Renewable Energy Generation

51. The Welsh Government declared a climate emergency in Spring 2019 and has accepted the UK Committee on Climate Change's **advice** to reach net zero by 2050 (with a reduction of 63% by 2030).

52. The Welsh Government initially set targets for renewable generation in Wales in 2017, which included:
- 70% of **Wales'** electricity consumption from renewable energy by 2030.
 - One Gigawatt of renewable electricity and heat capacity in Wales to be locally owned by 2030.
53. In January 2023 [9], the Welsh Government published a consultation on revising **these goals to 100% equivalent of Wales' electricity consumption** by 2035. Following consultation, these revised goals were adopted in July 2023 [10].
54. As of 2022, **an estimated 27% of Wales' total electricity generated came from** renewable sources, while the equivalent of 59% of total electricity consumed in Wales was generated from renewable sources [11].
55. As of 2022, there is combined capacity of 1,266 MW of onshore wind in Wales. However, there has recently been decreasing deployment, with only 6kW and 3.4MW deployed in 2022 and 2021 respectively – in comparison to an annual average of 160 MW per year installed from 2016 to 2019 [11].
56. As of 2022, there is a combined capacity of 1.2 GW of Solar PV in Wales, with 43 MW of new Solar PV deployed in 2022 [11].
57. The Proposed Scheme comprises three multi-MW wind turbines and a ground-mounted solar PV array, with a total capacity of 20 MW (15 MW wind and 5 MW solar PV).
58. The energy generated by the Proposed Scheme is likely to exceed the amount **needed to power Convatec's Rhymney manufacturing facility**, and so will reduce the carbon footprint their Deeside manufacturing facility and for use by neighbouring local businesses and community organisations in and around Rhymney.

Carbon Saving

59. Planning Policy Wales (PPW) [12] outlines the land use planning policies of the Welsh Government, with the goal of ensuring the delivery of sustainable development. PPW anticipates energy demand increasing due to the growing electrification of transport and heat. Therefore, significant investment will be required in energy generation, transmission and distribution infrastructure.
60. The framework for planning and development in Wales is outlined in Future Wales: The National Plan 2040. Policies 17 (renewable and low carbon energy and associated infrastructure) 18 (renewable and low carbon energy developments of national significance) provide the strategic spatial and detailed criteria-based policies for low carbon energy developments [13].

61. In 2019, Caerphilly County Borough Council declared a climate emergency and outlined a number of goals including becoming carbon neutral by 2030, creating buildings which utilise renewable energy and to act as a leader in technology to stimulate carbon reduction [14].
62. Based on present day carbon dioxide savings figures, the Proposed Scheme will save the emission of around 13,500 tonnes of carbon dioxide over the course of a year.
63. The carbon payback of the Proposed Scheme is 1.11 years.

Ecological Enhancement

64. Enhancement is defined here as the provision of new benefits for ecology (biodiversity) that are additional to those provided as part of mitigation or compensation measures.
65. In accordance with the Environment (Wales) Act 2016 [15] and Chapter 6 of Planning Policy Wales [12], updated in October 2023 [16], the Proposed Scheme should demonstrate how it can deliver biodiversity enhancements and contribute to promoting ecological resilience.
66. Measures for habitat enhancement (if the Proposed Scheme is consented) include:
- The creation of a pond and exploring opportunities to make the flooded disused mine shaft more suitable for amphibians.
 - The enhancement of grassland habitats.
 - The targeted clearance of bracken and Schedule 9 plants in the Cefn Gelligaer (west of Deri) Site of Important Nature Conservation (SINC).
 - The monitoring of the Cefn Gelligaer SINC in relation to assessing the condition of qualifying features.
 - The enhancing of connectivity through:
 - hedgerow planting,
 - improving the condition and species-diversity of existing hedgerows,
 - tree planting.
 - Exploring whether re-wetting the dry ditches onsite is possible (potentially through ditch blocking). This would benefit species including dragonflies, damselflies and amphibians.

Project Benefits Summary

- 67. The Green Manufacturing Hub will ensure Convatec's remains deeply rooted in Rhymney, where it has been located for almost 40 years (since 1986) and supplies more than 100 jobs.
- 68. The Green Manufacturing Hub will supply renewable electricity to the grid which will reduce the carbon footprint of **Convatec's Deeside** manufacturing facility, which employs around 700 people creating innovative and world leading medical products.
- 69. The Green Manufacturing Hub represents an innovative approach to delivering low-carbon manufacturing, with no comparable equivalent project in terms of scale currently in existence in Wales.
- 70. The Green Manufacturing Hub will be entirely funded by Convatec, without grant support or public funding, and represents a significant investment in the local area through retaining expenditure on energy production.
- 71. The Green Manufacturing Hub will contribute towards investment in Wales and **the UK's growing onshore wind** and solar energy sectors, with Convatec looking to prioritise local and Welsh suppliers wherever feasible during the construction of the project.
- 72. The maintenance of the infrastructure will contribute to employment within the growing wind and solar energy sectors, and towards employment within Net Zero skills more generally.

References

- [1] Welsh Government, "Written Statement: Publication of Guidance on Local and Shared Ownership of Energy Projects in Wales," 29 June 2022. [Online]. Available: <https://www.gov.wales/written-statement-publication-guidance-local-and-shared-ownership-energy-projects-wales>.
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Appendix A: Stakeholder Briefing Presentation



Powering the transition to net zero in Rhymney

Convatec Green Manufacturing Hub
May 2023

Pweru'r newid i sero net yn Rhymni

Hyb Gweithgynhyrchu Gwyrdd Convatec
Mai 2023

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1

Introduction to Convatec

We are a global medical products and technologies company focused on solutions for the management of chronic conditions.

Our vision - pioneering trusted medical solutions to improve the lives we touch.

Our products and solutions are sold in almost 100 countries, we employ around 10,000 people, and have nine manufacturing facilities - two of which are in the UK, both in Wales.

In 2022, 840k patients were treated with Welsh-manufactured Convatec dressings in the UK, whilst 3.3 million dressings were sold in Wales alone.



Cyflwyniad i Convatec

Rydym yn gwmni cynhyrchion a thechnolegau meddygol byd-eang sy'n canolbwyntio ar atebion ar gyfer rheoli cyflyrau cronig.

Ein gweledigaeth - datrysiadau meddygol arloesol y gellir ymddiried ynddynt i wella'r bywydau rydym yn cyffwrdd â nhw.

Gwerthir ein cynnyrch a'n datrysiadau mewn bron 100 o wledydd, rydym yn cyflogi tua 10,000 o bobl, ac mae gennym naw cyfleuster gweithgynhyrchu - dau ohonynt yn y DU, y naill a'r llall yng Nghymru.

Yn 2022, cafodd 840,000 o gleifion driniaeth â gorchuddion Convatec a gynhyrchwyd yng Nghymru yn y DU, tra gwerthwyd 3.3 miliwn o orchuddion yng Nghymru yn unig.

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Investing in Wales Buddsoddi yng Nghymru

Both of our UK manufacturing operations are in Wales and currently we employ more than 800 people across our Rhymney and Deeside sites.

In the face of global uncertainty, we have an opportunity to ensure stability and growth by using green natural resources, the wind and sun.

This means we will no longer need to rely on imported fossil fuels that fluctuate in price and have a high carbon impact.

We are committed to innovation, including recent work with Welsh Government on the first national wound healing centre - a flagship facility for clinical innovation.

Mae ein dau weithlu gweithgynhychu yn y DU yng Nghymru ac ar hyn o bryd rydym yn cyflogi mwy nag 800 o bobl ar draws ein safleoedd yn Rhymni a Glannau Dyfrdwy.

Yn wyneb ansicrwydd byd-eang, mae gennym gyfle i sicrhau sefydlogrwydd a thwf trwy ddefnyddio adnoddau naturiol gwyrdd, sef y gwynt a'r haul.

Mae hyn yn golygu na fydd angen i ni ddibynnu bellach ar danwydd ffosil wedi'i fewnforio sy'n amrywio mewn pris ac sy'n uchel ei effaith o ran carbon.

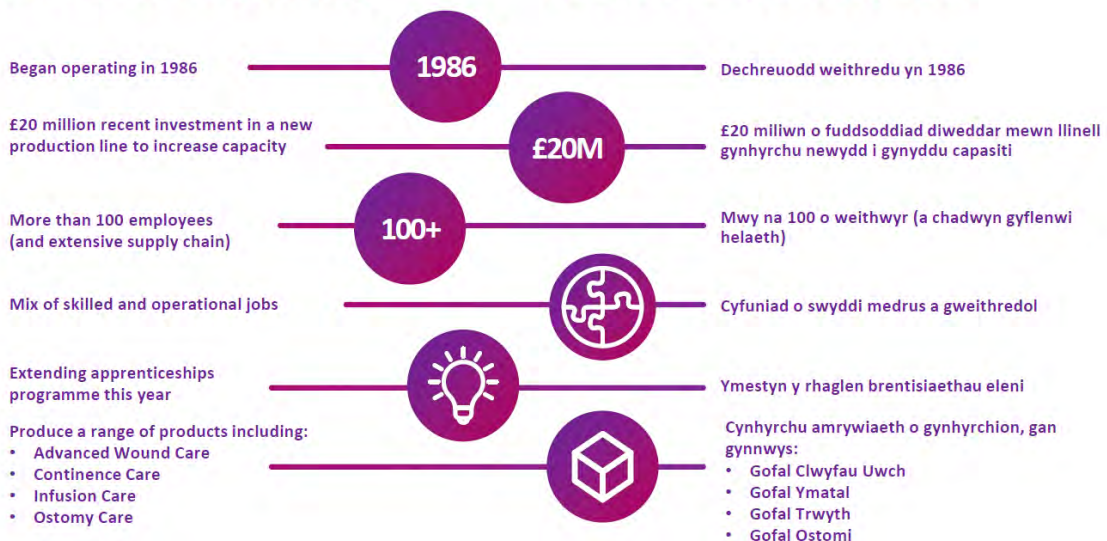
Rydym wedi ymrwmo i arloesi, gan gynnwys gwaith diweddar gyda Llywodraeth Cymru ar y ganolfan gwella clwyfau genedlaethol gyntaf - cyfleuster blaenllaw ar gyfer arloesi clinigol.



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Convatec in Rhymney

Convatec yn Rhymni



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Case Study - Product Advocate



Dan Metcalf, Director

Research & Development Engineering

Deeside

My story started on a country walk when I was bitten by an insect on my left shin. I quickly became unwell and was hospitalized with cellulitis and blood poisoning.

After treatment for the infection, I was discharged but the wound continued to deteriorate. I was re-admitted to hospital and was being prepared for surgery to carry out a skin graft. In a last-ditch attempt to avoid significant surgery, I persuaded the surgeon to try Convatec's Aquacel Ag Advantage dressing – a dressing I had helped to develop.

The wound improved overnight, and the surgery was postponed and then cancelled as the wound continued to heal.



Astudiaeth Achos - Eiriolwr Cynnyrch



Dan Metcalf, Cyfarwyddwr

Peirianeg Ymchwil a Datblygu

Glannau Dyfrdwy

Dechreuodd fy stori ar daith gerdded wledig pan ges i fy mrathu gan bryfyn ar fy nghrimog chwith. Es i'n sâl yn gyflym a ches fy anfon i'r ysbyty gyda llid yr isgroen a gwenwyn gwaed.

Ar ôl triniaeth ar gyfer yr haint, ces i fy rhyddhau ond parhaodd y clwyf i ddirywio. Ces fy anfon eto i'r ysbyty ac roeddwn i'n cael fy mharatoi ar gyfer llawdriniaeth i wneud impiad croen. Mewn ymgais olaf i osgoi llawdriniaeth sylweddol, perswadiais i'r llawfeddyg i roi cynnig ar orchudd Aquacel Ag Advantage Convatec - gorchudd roeddwn i wedi helpu i'w ddatblygu.

Fe wellodd y clwyf dros nos, ac fe gafodd y llawdriniaeth ei gohirio ac wedyn ei chanslo wrth i'r clwyf barhau i wella.



Case studies – employees in Wales

Zahira Gousy

Chemical Engineer
Rhymney



"I joined in May 2020 as a Continuous Improvement (CI) Specialist and was promoted to the role of Chemical Engineer in August 2022. I have thoroughly enjoyed my time working at Convatec. It's been a time of great development and growth for me."

Astudiaethau achos – gweithwyr yng Nghymru

Zahira Gousy

Peiriannydd Cemegol
Rhymni

"Ymunais i ym mis Mai 2020 fel Arbenigwr Gwella Parhaus (CI) a ches i fy nyrchafu i rôl Peiriannydd Cemegol ym mis Awst 2022. Rwy wedi mwynhau'n fawr fy amser yn gweithio yn Convatec. Mae wedi bod yn gyfnod o ddatblygiad a thwf mawr i mi."



Case studies – employees in Wales

Jordan Davies

Validation Engineer
Rhymney



"I joined as an Operator nearly 5 years ago. I had my first secondment working in the Quality Control lab and second in the CI department, where I was offered a permanent role. Last year I was offered a further opportunity to develop with the role of Validation Engineer."

Astudiaethau achos – gweithwyr yng Nghymru

Jordan Davies

Peiriannydd Dilysu
Rhymni

"Fe wnes i ymuno fel Gweithredwr bron 5 mlynedd yn ôl. Ces fy secondiad cyntaf yn gweithio yn y labordy Rheoli Ansawdd ac yn ail yn yr adran CI, lle ces i gynnig swydd barhaol. Llynedd, ces i gynnig cyfle arall i ddatblygu gyda rôl Peiriannydd Dilysu."

Tackling climate change

In April 2019, the Welsh Government declared a climate emergency. Caerphilly County Borough Council have also declared a climate emergency, committing to becoming carbon neutral by 2030.

Increasing the generation of clean, renewable electricity will contribute to the Welsh Government's future net zero target of 100% of the nation's energy being supplied by renewable sources by 2035.

Decarbonising manufacturing and industry in Wales has an important role to play in delivering net zero – Convatec wants to play its part.

Mynd i'r afael â'r newid yn yr hinsawdd

Ym mis Ebrill 2019, cyhoeddodd Llywodraeth Cymru argyfwng hinsawdd. Mae Cyngor Bwrdeistref Sirol Caerffili hefyd wedi datgan argyfwng hinsawdd, gan ymrwmo i fod yn garbon niwtral erbyn 2030.

Bydd cynyddu cynhyrchiant trydan glân ac adnewyddadwy yn cyfrannu at darged sero net Llywodraeth Cymru yn y dyfodol o gyflenwi 100% o ynni'r genedl o ffynonellau adnewyddadwy erbyn 2035.

Mae gan ddatgarboneiddio gweithgynhyrchu a diwydiant yng Nghymru rôl bwysig i'w chwarae wrth ddarparu sero net - mae Convatec eisiau chwarae ei ran.



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The net zero challenge

We are committed to playing our part in helping tackle climate change.

Therefore, we want to lead the way in the green industrial revolution in the UK by showing how manufacturing can be decarbonised while still supporting growth.

Our aim is to become net zero worldwide by 2045.

Yr her sero net

Rydym wedi ymrwmo i chwarae ein rhan i helpu i fynd i'r afael â'r newid yn yr hinsawdd.

Felly, rydym am arwain y ffordd yn y chwyldro diwydiannol gwyrdd yn y DU trwy ddangos sut y gellir datgarboneiddio gweithgynhyrchu wrth barhau i gefnogi twf.

Ein nod yw dod yn sero net ledled y byd erbyn 2045.



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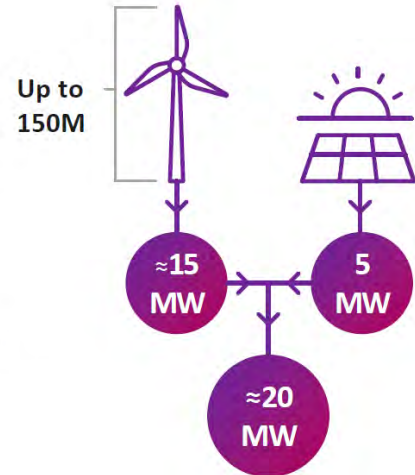
Creating our own green energy

Using the wind and sun to power the manufacture of sustainable medical products in Rhymney.

Our manufacturing plants use large amounts of energy, therefore, a key part of our pathway to achieving net zero is the production of our own renewable energy.

Our proposals for the Convatec Green Manufacturing Hub:

- Wind turbine and solar PV development to supply renewable energy for Convatec's factory in Rhymney.
- Planned to consist of three wind turbines with a combined capacity of around 15MW, and 5MW of solar PV.
- A combined installed capacity of around 20MW.
- Turbines are a height of up to 150 metres.
- Energy generated is likely to exceed the amount needed to power Convatec's operations, providing a surplus for use in our Deeside factory and potentially local suppliers and consumers.



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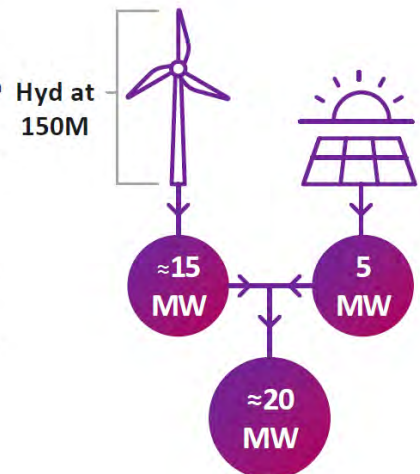
Creu ein hynni gwyrdd ein hunain

Defnyddio'r gwynt a'r haul i bweru'r gwaith o gynhyrchu cynhyrchion meddygol cynaliadwy yn Rhymni.

Mae ein gweithfeydd gweithgynhyrchu yn defnyddio llawer iawn o ynni, felly, rhan allweddol o'n llwybr at gyflawni nod sero net yw cynhyrchu ein hynni adnewyddadwy ein hunain.

Ein cynigion ar gyfer Hyb Gweithgynhyrchu Gwyrdd Convatec:

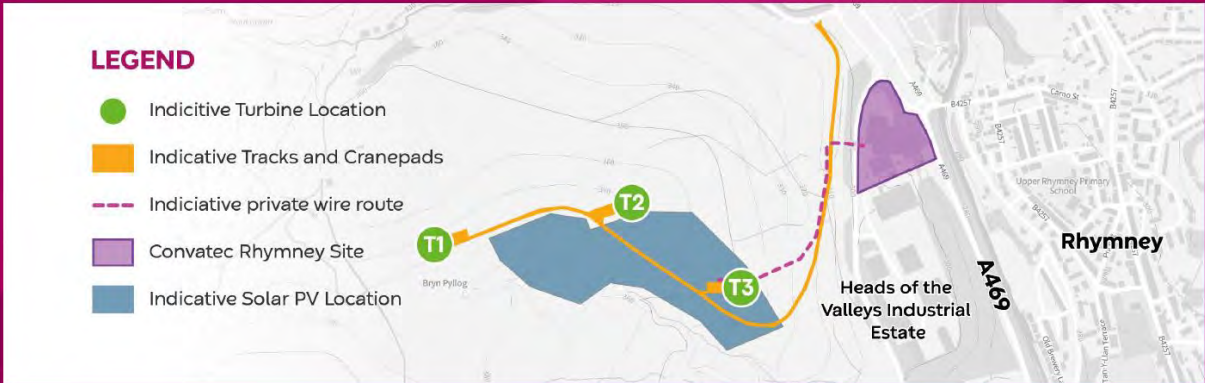
- Datblygiad tyrbîn gwynt a PV solar i gyflenwi ynni adnewyddadwy ar gyfer ffatri Convatec yn Rhymni.
- Bwriedir cynnwys tri thyrbîn gwynt gyda chynhwysedd cyfun o tua 15MW, a 5MW o PV solar.
- Cynhwysedd gosodedig cyfun o ryw 20MW.
- Mae'r tyrbînau hyd at 150 metr o uchder.
- Mae'n debygol y bydd yr ynni a gynhyrchir yn fwy na'r swm sydd ei angen i bweru gweithrediadau Convatec, gan ddarparu gwarged i'w ddefnyddio yn ein ffatri yng Nglannau Dyfrdwy a chyflenwyr a defnyddwyr lleol o bosibl.



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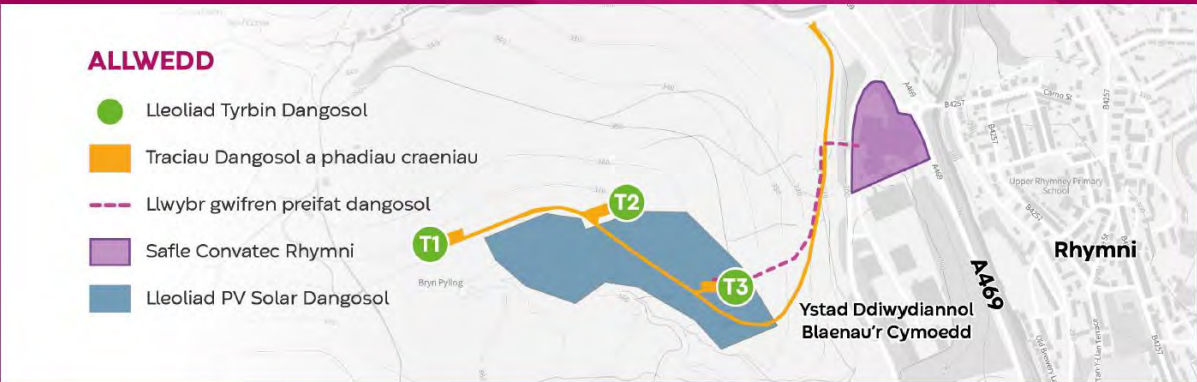
Site location plan



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Cynllun lleoliad y safle



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The site

Proximity to factory

In order to maximise the efficiency of the scheme, the site ideally needs to be situated adjacent to our manufacturing facility.

Farmland diversification

The land is currently used for grazing, so the new proposed use will complement existing activity and enable diversification of use by the farmer.

Historic energy application

As there is high grade coal beneath the site, it has formerly been the subject of a planning application to extend existing surface mining activity.

Site heritage

Rhymney is built around a rich heritage of heavy industry and mining, with the establishment of the Union Ironworks in 1801 using local coking coal, iron ore and limestone. From the mid-19th century, steam coal pits were sunk to the south of the town.

Site future

Convatec wants to be part of the delivery of a greener future for the Rhymney Valley, that focuses on the use of renewable energy and innovation to secure local jobs in sustainable manufacturing and technology.



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Y safle

Agosrwydd at y ffatri

Er mwyn gwneud yn fawr o effeithlonrwydd y cynllun, yn ddelfrydol mae angen i'r safle fod wrth ymyl ein cyfleuster gweithgynhyrchu.

Arallgyfeirio tir ffermio.

Defnyddir y tir ar hyn o bryd ar gyfer pori, felly bydd y defnydd arfaethedig newydd yn ategu gweithgarwch presennol ac yn galluogi arallgyfeirio defnydd gan y ffermwr.

Defnydd ynni hanesyddol

Defnyddir y tir ar hyn o bryd ar gyfer pori, felly bydd y defnydd arfaethedig newydd yn ategu gweithgarwch presennol ac yn galluogi arallgyfeirio defnydd gan y ffermwr.

Treftadaeth y safle

Mae Rhymni wedi'i adeiladu o amgylch treftadaeth gyfoethog o ddiwydiant trwm a mwynloddio, gyda sefydlu Gwaith Haearn yr Undeb yn 1801 gan ddefnyddio glo golosg lleol, mwyn haearn a chalchfaen. O ganol y 19eg ganrif, suddwyd pyllau glo ager i'r de o'r dref.

Dyfodol y safle

Mae Convatec am fod yn rhan o'r gwaith o sicrhau dyfodol gwyrddach i Gwm Rhymni, sy'n canolbwyntio ar y defnydd o ynni adnewyddadwy ac arloesi i sicrhau swyddi lleol mewn gweithgynhyrchu a thechnoleg gynaliadwy.



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Caring for our environment

Caring for our environment will be a key consideration as we develop plans for the Convatec Green Manufacturing Hub.

We will need to undertake a range of environmental studies to ensure we have identified any potential impacts and put in place appropriate mitigation measures.

Early studies have already been completed that indicate this is an appropriate site for renewables development, including full consideration of birds and bats.

An initial scoping opinion for the Environmental Impact Assessment is being undertaken by Pure Energy Professionals (PEP) and other specialist advisers, reporting to Convatec.

Environmental Impact Assessment topic areas will include:



Visual impact



Shadow flicker



Transport and access



Ground conditions



Heritage



Noise



Ecology



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Gofalu am ein hamgylchedd

Bydd gofalu am ein hamgylchedd yn ystyriaeth allweddol wrth i ni ddatblygu cynlluniau ar gyfer Hyb Gweithgynhyrchu Gwyrdd Convatec.

Bydd angen i ni gynnal amrywiaeth o astudiaethau amgylcheddol i sicrhau ein bod wedi nodi unrhyw effeithiau posibl a rhoi mesurau lliniaru priodol ar waith.

Mae astudiaethau cynnar eisoes wedi'u cwblhau sy'n dangos bod hwn yn safle priodol ar gyfer datblygiad ynni adnewyddadwy, gan gynnwys ystyriaeth lawn o adar ac ystlumod.

Mae barn gwmpasu gychwynnol ar gyfer yr Asesiad Effaith Amgylcheddol yn cael ei chynnal gan Weithwyr Proffesiynol Ynni Pur (PEP) a chynghorwyr arbenigol eraill, sy'n adrodd i Convatec.

Bydd meysydd pwnc Asesu Effaith Amgylcheddol yn cynnwys:



Effaith weledol



Cysgod symudol



Cludiant a mynediad



Cyflwr y tir



Treftadaeth



Sŵn



Ecoleg



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Caring for the local community

We want this to be a project that brings benefit to the whole Rhymney community.

We are therefore committed to working with the local community to develop a scheme that can deliver meaningful long-term community benefit.

This will include:

- A community fund of around £75,000 per year.
- Excess green energy that may be used by other local businesses or community organisations.
- Support for a business centered within the local community delivering high quality jobs and long-term prosperity to the Rhymney Valley.



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Gofalu am y gymuned leol

Rydym am i hwn fod yn brosiect sy'n dod â budd i holl gymuned Rhymni.

Felly, rydym wedi ymrwymo i weithio gyda'r gymuned leol i ddatblygu cynllun a all sicrhau budd cymunedol hirdymor ystyrlon.

Bydd hyn yn cynnwys:

- Cronfa gymunedol o tua £75,000 y flwyddyn.
- Ynni gwyrdd dros ben y gall busnesau lleol neu sefydliadau cymunedol eraill ei ddefnyddio.
- Cymorth i fusnes sy'n canolbwyntio ar y gymuned leol gan ddarparu swyddi o ansawdd uchel a ffyniant hirdymor i Gwm Rhymni.



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Planning process

Due to the size and nature of the project, this project is considered a Development of National Significance (DNS) by Welsh Government.

Therefore, the planning application will need to be submitted to Planning and Environment Decisions Wales (PEDW), that will make recommendations to Welsh Government about whether to give the plans the go ahead.

A decision will then be made by the appropriate Welsh Minister.

Y broses gynllunio

Oherwydd maint a natur y prosiect, mae'r prosiect hwn yn cael ei ystyried yn Ddatblygiad o Arwyddocâd Cenedlaethol (DNS) gan Lywodraeth Cymru.

Felly, bydd angen cyflwyno'r cais cynllunio i Benderfyniadau Cynllunio ac Amgylchedd Cymru (PEDW), a fydd yn gwneud argymhellion i Lywodraeth Cymru ynghylch a ddylid rhoi sêl bendith i'r cynlluniau.

Wedyn gwneir penderfyniad gan y Gweinidog priodol.



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How is this different to other local energy projects?

- We are aware that there are a number of other local renewables energy schemes in progress that will need to be considered in relation to our plans and potential cumulative impact.
- But this project is different to those being brought forward by energy developers.
- Our scheme is all about ensuring a long-term green future for the Convatec factory, situated within the heart of the local Rhymney community, employing local people.
- The site has been chosen because it needs to be as close as possible to our factory.
- The excess energy produced by the Convatec Green Manufacturing Hub has the potential to offer a real and unique additional benefit for the community of Rhymney.

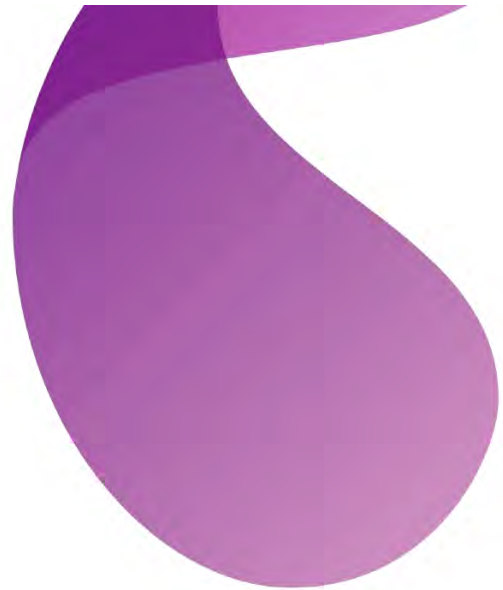


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Sut mae hyn yn wahanol i brosiectau ynni lleol eraill?

- Rydym yn ymwybodol bod nifer o gynlluniau ynni adnewyddadwy lleol eraill ar y gweill y bydd angen eu hystyried mewn perthynas â'n cynlluniau a'r effaith gronnoel bosibl.
- Ond mae'r prosiect hwn yn wahanol i'r rhai sy'n cael eu cyflwyno gan ddatblygwyr ynni.
- Mae ein cynllun yn ymwneud â sicrhau dyfodol gwyrdd tymor hir i ffatri Convatec, sydd wedi'i lleoli yng nghanol cymuned leol Rhymni, ac sy'n cyflogi pobl leol.
- Mae'r safle wedi cael ei ddewis oherwydd bod angen iddo fod mor agos â phosibl at ein ffatri.
- Mae gan yr ynni dros ben a gynhyrchir gan Hyb Gweithgynhyrchu Gwyrdd Convatec y potensial i gynnig budd ychwanegol gwirioneddol ac unigryw i gymuned Rhymni.



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Engaging the local community

We will use a range of tools to reach a wide audience and encourage engagement:



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Ymgysylltu â'r gymuned leol

Byddwn yn defnyddio amrywiaeth o offer i gyrraedd cynulleidfaoedd eang ac annog ymgysylltu:



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Engaging the local community

- Local residents
- Community groups (scouts, libraries, community centres, interest groups)
- Town & village associations
- Education groups (schools, colleges, universities)
- Health groups
- Local social media groups (Facebook groups)
- Special interest groups
- Local media
- Statutory stakeholders



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Ymgysylltu â'r gymuned leol

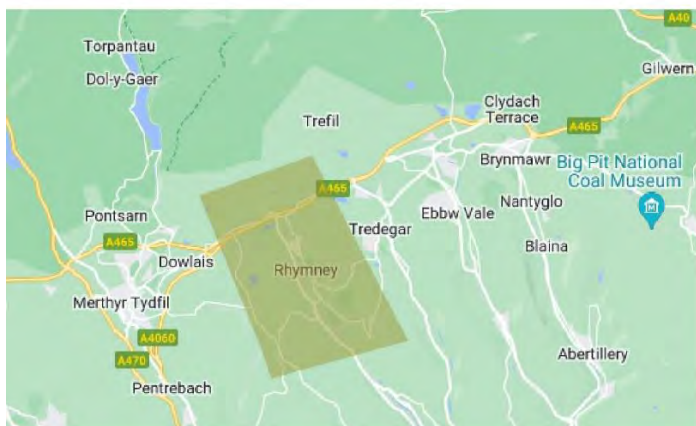
- Preswylwyr lleol
- Grwpiau cymunedol (sgowtiaid, llyfrgelloedd, canolfannau cymunedol, grwpiau â buddiant)
- Cymdeithasau trefi a phentrefi
- Grwpiau addysg (ysgolion, colegau, prifysgolion)
- Grwpiau iechyd
- Grwpiau ar y cyfryngau cymdeithasol lleol (grwpiau Facebook)
- Grwpiau â buddiant arbennig
- Cyfryngau lleol
- Rhanddeiliaid statudol



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Indicative consultation zone



Parth ymgynghori dangosol

4,000+ addresses
o gyfeiriadau

12.50 square miles
milltir sgwâr



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Help us on our net zero journey

We want to put Rhymney on the map by delivering this project to lead the way in green manufacturing and show that net zero can support growth and prosperity.

We want Rhymney and Wales to continue to be a centre for innovation and production of world leading medical products to help millions of people each year cope with chronic illness.

How can you help us?

- We need help to engage with communities to ensure we deliver the best possible scheme for Rhymney.
- We also need to form meaningful partnerships to explore ways the excess energy can be used in the most beneficial way for the local region.
- Help us get the message out there and get the conversation started.
- To help us deliver a meaningful consultation that delivers positive long-term outcomes for the Rhymney community.



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Helpwch ni ar ein taith sero net

Rydym am roi Rhymni ar y map trwy gyflwyno'r prosiect hwn i arwain y ffordd mewn gweithgynhyrchu gwyrdd a dangos y gall sero net gefnogi twf a ffyniant.

Rydym am i Rymni a Chymru barhau i fod yn ganolfan ar gyfer arloesi a chynhyrchu cynhyrchion meddygol sy'n arwain y byd i helpu miliynau o bobl bob blwyddyn i ymdopi â salwch cronig.

Sut gallwch chi ein helpu?

- Mae angen help arnom i ymgysylltu â chymunedau i sicrhau ein bod yn darparu'r cynllun gorau posibl ar gyfer Rhymni.
- Mae angen i ni hefyd ffurfio partneriaethau ystyrlon i archwilio ffyrdd y gellir defnyddio'r ynni dros ben yn y ffordd fwyaf buddiol i'r rhanbarth lleol.
- Helpwch ni i gyfleu'r neges a dechrau ar y sgwrs.
- Ein helpu i gyflwyno ymgynghoriad ystyrlon sy'n sicrhau canlyniadau hirdymor cadarnhaol i gymuned Rhymni.



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30

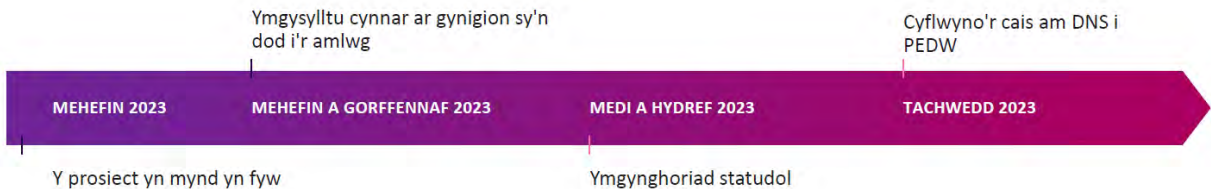
Indicative project timeline



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31

Amserlen ddangosol y prosiect



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32

Any questions?
Unrhyw gwestiynau?



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33

Appendix B: Consultation Zone

grasshopper

GEOLIST© REPORT

To: Grasshopper Communications Limited , Georgina Chapman

Selection ID: 7499
Date: 31/05/2023

Valid: 21 Days

YOUR SELECTION

Selection Name: Rhymney 14
Selection Type: Polygon
Created By: Georgina Chapman

YOUR COUNTS

Households	3769
Businesses	247
Multi Resident Data included	Yes
Total	4016

Selection Size: 6.93 square miles
Status: Not Selected



www.geolist.co.uk

GeoList © is a trading name for Sharp Cat Limited | Elizabeth House | Greywell Road | Up Nately | Hook | Basingstoke | RG27 9PR
Registered Address: 14-16 Queen Square | Bristol | BS1 4NT | Company Registration: 4633777 | Data Protection: Z7588515 | VAT: 813 3251 65

Appendix C: Tier 1 Stakeholders

The following stakeholders were identified as Tier 1 stakeholders:

Stakeholder	Summary
Dawn Bowden	Labour, MS for Merthyr Tydfil and Rhymney
Gerald Jones	Labour, MP for Merthyr Tydfil and Rhymney
Delyth Jewell	Plaid Cymru, MS for South Wales East
Peredur Owen Griffiths	Plaid Cymru, MS for South Wales East
Laura Anne Jones	Conservative, MS for South Wales East
Natasha Asghar	Conservative, MS for South Wales East
Cllr Carl Cuss	CCBC, ward member
Cllr Robert Edward Chapman	CCBC, adjacent ward member
Cllr David Harse	CCBC, adjacent ward member
Cllr Mansel Powell	CCBC, adjacent ward member
Rhymney Community Council	
Caerphilly County Borough Council	Cabinet and key officers

Appendix D: Bilingual Community Newsletter



Convatec Green Manufacturing Hub

Our proposals for Rhymney

EARLY ENGAGEMENT:
14 JUNE TO 16 JULY 2023

Convatec is a global medical products and technologies company committed to improving the lives of people with chronic conditions.

Our products and solutions are sold in almost 100 countries, employing around 10,000 people worldwide.

Two of our nine international manufacturing facilities are in Wales – one of which is here in Rhymney.

Our Rhymney operation employs over 100 people, and we want to continue investing in our plant here to ensure our long-term future in the area.

Our plans

This is why we are bringing forward plans to create our own green energy to power the manufacture of our medical products at Rhymney. The plans include:



Three wind turbines with a maximum blade height of 150 metres and a combined capacity of around 15MW.



A solar farm (array of Solar Photovoltaics) with a capacity of approximately 5MW.

In order to maximise efficiency, the Convatec Green Manufacturing Hub needs to be situated on land close to our manufacturing facility in Rhymney.

We are therefore working with neighbouring farmers and the local community to bring forward our plans to deliver this important project.

Image: site map

LEGEND

- Indicative Turbine Location
- Indicative Tracks and Cranespads
- Indicative private wire route
- Convatec Rhymney Site
- Indicative Solar PV Location



Tackling climate change

We all need to work together to tackle climate change and Convatec is committed to playing its part by continuing to reduce its carbon footprint. By 2045 our aim is to become net zero worldwide.

We want to ensure the energy required for our site at Rhymney has a long-term green future. We can achieve this through the local generation of green energy that is emissions free and is less impacted by global energy markets.

In fact, the energy generated is likely to exceed the amount needed to power Convatec's Rhymney operations. We therefore plan to use some of this surplus at our Deeside factory in North Wales, but this also has the potential to be used by other local businesses and community organisations.

Situated within the heart of the Rhymney community, our scheme is all about ensuring a long-term green future for the Convatec facility, where we plan to continue employing many local people for years to come.

Find out more

To find out more and discuss the proposals with members of the project team, come along to our public events:

4pm to 8pm	Wed 28 June	St. David's Community Centre, High Street, Rhymney, NP22 5BB
10am to 2pm	Thurs 29 June	Ael y Bryn Sports & Community Centre, Aneurin Terrace, Rhymney, NP22 5DR

Alternatively, you can view the proposals on our website at: convatecgroup.com/green-manufacturing-hub-rhymney

How we use information:
Treating your personal data with care is important to us. Please visit our website www.convatec.com/angb/ to read our privacy policy where you can find detailed information on how we protect and use personal data. You can call us on 01685 701254

Have your say

We would like to hear your views on our proposals for the Convatec Green Manufacturing Hub. Please let us know your initial thoughts by:

1. Completing the feedback form either in person at our events or online at: convatecgroup.com/green-manufacturing-hub-rhymney
2. Calling: 01685 701254
3. Emailing: rhymneygreenhub@convatec.com
4. Writing to: Freepost GRASSHOPPER CONSULT (no stamp or further address required)
5. Please submit your comments by 16 July 2023. These contact details will put you in touch with Grasshopper who are managing the consultation with the team at Convatec.



Image: consultation



Hyb Gweithgynhychu Gwyrdd Convatec

Ein cynigion ar gyfer Rhymni

YMGYSYLLTU CYNNAR:

14 MEHEFIN I 16 GORFFENNAF 2023

Mae Convatec yn gwmni cynhyrchion a thechnolegau meddygol byd-eang sydd wedi ymrwmo i wella bywydau pobl a chyflyrau cronig.

Mae ein cynhyrchion a'n datrysladau'n cael eu gwerthu mewn bron i 100 o wledydd, gan gyflogi oddeutu 10,000 o bobl ledled y byd.

Mae dau o'n naw cyfleuster gweithgynhyrchu rhyngwladol yng Nghymru – ac mae un ohonynt yma yn Rhymni.

Mae ein gweithrediad yn Rhymni yn cyflogi dros 100 o bobl, ac rydym am barhau i fuddsoddi yn ein ffatri yma i sicrhau ein dyfodol hirdymor yn yr ardal.

Ein cynlluniau

Dyna pam rydym yn cyflwyno cynlluniau i greu ein hynni gwyrdd ein hunain i bweru gweithgynhyrchu ein cynhyrchion meddygol yn Rhymni. Mae'r cynlluniau'n cynnwys:



Tri thyrbîn gwynt ag uchder llafn uchaf o 150 metr a chynhwysedd cyfun o oddeutu 15MW.



Fferm solar (arâe o Solar Ffotofoltâig) gyda chynhwysedd o oddeutu 5MW.

Er mwyn gwneud y mwyaf o effeithlonrwydd, mae angen lleoli Hyb Gweithgynhyrchu Gwyrdd Convatec ar dir yn agos at ein cyfleuster gweithgynhyrchu yn Rhymni.

Rydym felly'n gweithio gyda ffermwyr cyfagos a'r gymuned leol i ddwyn ymlaen ein cynlluniau i gyflawni'r prosiect pwysig hwn.

Delwedd: map y safle

ALLWEDD

- Lleoliad Tyrbîn Dangosol
- Traciau Dangosol a phadiau craenau
- Llwybr gwifren preifat dangosol
- Safle Convatec Rhymni
- Lleoliad PV Solar Dangosol



Mynd i'r afael â newid hinsawdd

Mae angen i ni i gyd welthio gyda'n gilydd i fynd i'r afael â newid yn yr hinsawdd ac mae Convatec wedi ymrwymo i chwarae ei ran drwy barhau i leihau ei ôl troed carbon. Erbyn 2045 ein nod yw dod yn sero net ledled y byd.

Rydym am sicrhau bod yr ynni sydd ei angen ar ein safle yn Rhymni â dyfodol gwyrdd hirdymor. Gallwn ni gyflawni hyn drwy gynhyrchu ynni gwyrdd yn lleol sy'n rhydd rhag allyriadau ac sy'n cael ei effeithio llai gan farchnadoedd ynni byd-eang.

Mewn gwirionedd, mae'r ynni a gynhyrchir yn debygol o fod yn fwy na'r swm sydd ei angen i bweru gweithrediadau Rhymni Convatec. Rydym felly'n bwriadu defnyddio rhywfaint o'r gwarged hwn yn ein ffatri yng Nglannau Dyfrdwy yng Ngogledd Cymru, ond mae gan hyn hefyd y potensial i gael ei ddefnyddio gan fusnesau lleol eraill a sefydliadau cymunedol.

Wedi'i leoli yng nghanol cymuned Rhymni, mae ein cynllun yn ymwneud â sicrhau dyfodol gwyrdd hirdymor i gyfeuster Convatec, lle rydym yn bwriadu parhau i gyflogi llawer o bobl leol am flynyddoedd i ddod.

Rhagor o wybodaeth

I ddarganfod mwy a thrafod y cynigion gydag aelodau o dim y prosiect, dewch i'n digwyddiadau cyhoeddus:

4pm i 8pm	Dydd Mercher 28 Mehefin	Canolfan Gymunedol Dewi Sant, Stryd Fawr, Rhymni, NP22 5BB
10am i 2pm	Dydd lau 29 Mehefin	Canolfan Chwaraeon a Chymunedol Ael y Bryn, Teras Aneurin, Rhymni, NP22 5DR

Fel arall, gallwch weld y cynigion ar ein gwefan yn:
convatecgroup.com/green-manufacturing-hub-rhymney

Sut rydym yn defnyddio gwybodaeth:
Mae tiri eich data personol yn ofalus yn bwysig i ni. Ewch i'n gwefan convatec.com/en-gb/ i ddarlitan ein polisi preifatrwydd i'w gallwch ddod o hyd i wybodaeth fersiwn ar sut rydym yn diogelu ac yn defnyddio data personol. Gallwch ein ffonio ar 01685 701254

Dweud eich dweud

Hoffem glywed eich barn ar ein cynigion ar gyfer Hyb Gweithgynhyrchu Gwyrdd Convatec. Rhowch wybod i ni am eich barn cychwynnol trwy:

1. Cwblhau'r ffurflen adborth naill ai'n bersonol yn ein digwyddiadau neu ar-lein yn: convatecgroup.com/green-manufacturing-hub-rhymney
2. Ffonio: 01685 701254
3. E-bostio: rhymneygreenhub@convatec.com
4. Ysgrifennu at: **Freeport GRASSHOPPER CONSULT** (nid oes angen stamp na chyfeiriad ychwanegol)

Cyflwynwch eich sylwadau erbyn dydd Sul 16 Gorffennaf. Bydd y manylion cyswllt hyn yn eich rhoi mewn cysylltiad â Grasshopper sy'n rheoli'r ymgynghoriad gyda'r tim yn Convatec.



Delwedd: delwedd ymgynghori

Appendix E: Convatec Website - Green Manufacturing Hub

LSE 15.22 286.60 GBP

Contact Us Convatec.com


convatec

About Us Our Categories Investors Sustainability Media Careers

Search

Convatec Group / Green Manufacturing Hub Rhymney

Convatec Green Manufacturing Hub



Cymraeg →

Proposals →

Consultation →

Contact →

Why this project? →

Project location →

News →

Using the wind and sun to power the manufacture of sustainable medical products in Rhymney.

Convatec is committed to playing its part in helping tackle climate change. We want to lead the way in the green industrial revolution in Wales by demonstrating how manufacturing can be decarbonised whilst still supporting growth. By 2045 our aim is to become net zero worldwide.

Our manufacturing plants use a lot of energy. A key part of our pathway to achieving net zero is the production of our own renewable energy. To achieve this ambition, we are bringing forward plans to construct a green manufacturing hub next to our production facility in Rhymney.

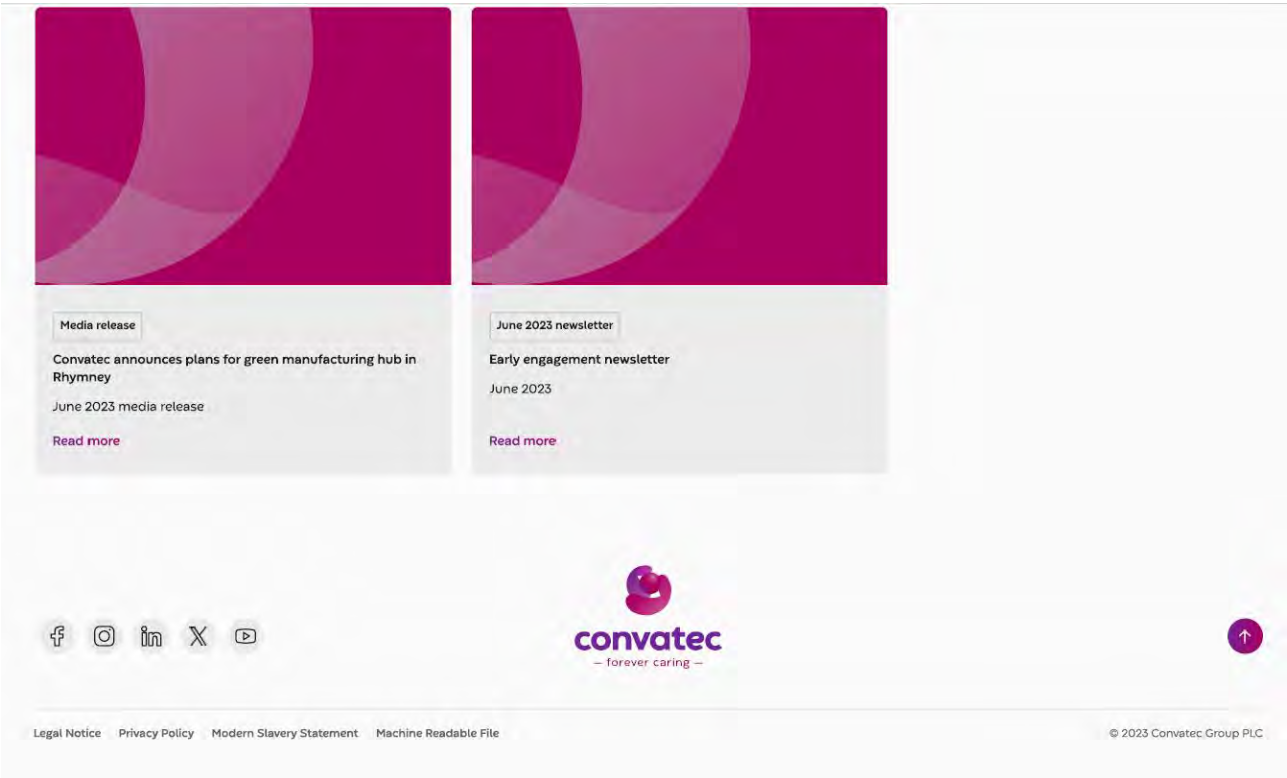
About us

We are a global medical products and technologies company focused on solutions for the management of chronic conditions.

Our products and solutions are sold in almost 100 countries. We employ around 10,000 people and have nine manufacturing facilities - two of which are in the UK, both in Wales. Currently we employ more than 800 people across our Rhymney and Deeside sites.

In 2022, 840,000 patients were treated with Welsh-manufactured Convatec dressings in the UK, whilst 3.3 million dressings were sold in Wales alone.

News [Read more](#)



Appendix F: Feedback Form

Convatec Green Manufacturing Hub Feedback Form

Convatec is bringing forward proposals for the Convatec Green Manufacturing Hub in Rhymney, South Wales.

We are carrying out an early engagement consultation to find out local views about the project.

The consultation period ends **Sunday 16 July 2023**.

Please return to **Freepost GRASSHOPPER CONSULT – No Stamp Required**.

This feedback form can also be completed online by visiting the project website www.convatecgroup.com/green-manufacturing-hub-rhymney

Or please email your feedback to rhymneygreenhub@convatec.com

Feedback on Convatec Green Manufacturing Hub

1. Have you found the consultation materials (newsletter/website/exhibition boards) helpful in informing you about our proposals?

Yes	
No	
Not sure	

2. Do you support the principle of using **wind energy** to generate renewable energy?

Strongly support	
Support	
Neutral	
Oppose	
Strongly oppose	

Why do you hold this view?

3. Do you support the principle of using **solar energy** to generate renewable energy?

Strongly support	
Support	
Neutral	
Oppose	
Strongly oppose	

Why do you hold this view?

4. Do you have any local knowledge that may help us identify any issues or opportunities, as we continue to develop our proposals?

5. We are committed to delivering local community benefits through a Community Benefits Fund and by finding ways to deliver surplus energy to other local business and community organisations. If you have any suggestions on how this can be used to greatest effect in the communities in and around Rhymney, please enter them here:

6. How do you feel about the proposed development overall?

7. Would you like to receive project updates as the development progresses?

Yes	
No	

Equalities Monitoring Form

Convatec will use and store the information provided by you in line with the GDPR (General Data Protection Regulation).

For further information about how Convatec processes personal data and your rights please see our **privacy policy** on our website.

We know that some people would rather not complete diversity forms - either because they fear the information will be misused, or because they consider some of the questions to be highly personal. We would like to put your mind at rest. We can assure you that the information will be kept confidential and anonymised and used for the purpose of this work only.

All information is strictly confidential, PURELY for statistical purposes and to ensure that policies are being applied fairly; it will only be shared with a restricted number of authorised personnel.

We will not discriminate against individuals who decide not to complete the form. However, we ask that as many people as possible agree to help us measure diversity - because it matters to us.

8. Do you consider yourself to be Welsh? **Please tick one box only.**

- ☐ Yes
☐ No

9. How would you describe your Welsh Language skills?

- ☐ Fluent
☐ Moderate
☐ Basic
☐ Learner
☐ None

13. What is your ethnic group?

Where the term 'British' is used, this refers to any of the four home nations of Wales, England, Northern Ireland and Scotland, or any combination of these.

Please tick one box only.

- ☐ White - Welsh/English/Scottish/Northern Irish/British
☐ White - Irish
☐ White - Gypsy or Irish Traveller
☐ White - Any other white background (please specify)
☐ Mixed/Multiple Ethnic Groups - White & Asian
☐ Mixed/Multiple Ethnic Groups - White and Black Caribbean
☐ Mixed/Multiple Ethnic Groups - White and Black African
☐ Mixed/Multiple Ethnic Groups - Any other (please specify)
☐ Asian/Asian Welsh/British - Chinese
☐ Asian/Asian Welsh/British - Pakistani
☐ Asian/Asian Welsh/British - Bangladeshi
☐ Asian/Asian Welsh/British - Indian
☐ Asian/Asian Welsh/British - Any other (please specify)
☐ Black/African/Caribbean/Black Welsh/British - African
☐ Black/African/Caribbean/Black Welsh/British - Caribbean
☐ Black/African/Caribbean/Black Welsh/British - Any other (please specify)
☐ Arab
☐ Any other ethnic group (please specify)
☐ Prefer not to say

14. Which of the following best describes what you are doing at present?

Please tick one box only.

- ☐ Working full time (30+ hours per week)
☐ Working part time (less than 30 hours per week)
☐ In full time education
☐ On a government training scheme

10. What is your age group?

- ☐ 16 - 24
☐ 25 - 34
☐ 35 - 44
☐ 45 - 54
☐ 55 - 64
☐ 65+

11. What is your sex?

- ☐ Female
☐ Male
☐ Prefer not to say
☐ N/A

12. Where were you born?

- ☐ In the UK
☐ Outside the UK

- ☐ Unemployed - Registered Job Seeker
☐ Unemployed - Unregistered but seeking work
☐ On a zero-hour contract
☐ Permanently sick or disabled person
☐ Wholly retired from work
☐ Looking after home
☐ Caring for a child or adult
☐ Other (please specify)

Your details

Privacy statement

Convatec Limited respects your privacy and is committed to protecting your personal data. Our privacy policy can be found [here](#). Whenever you provide such information, we are legally obliged to use it in line with all applicable laws concerning the protection of personal data, including the UK General Data Protection Regulation (GDPR).

Please provide your contact details if you wish to get a response. Any information provided will only be used for the following purposes:

- To analyse your feedback to the consultation
- To produce a Pre-Application Consultation Report, based on our analysis of responses (individuals will not be identified in the Report)
- To write to you with updates about the results of the consultation and other developments if you have opted in to receive these updates
- To keep up to date records of our communications with individuals and organisations.

Any personal information you include in this form will be handled and used by (or made available to) the following recipients to record, analyse and report on the feedback we receive:

- Convatec and its partners
- Consultants working on this project
- Our legal advisers
- Planning and Environment Decisions Wales (PEDW) which will consider our application for consent to build Convatec Green Manufacturing Hub - any details published as part of this process will be anonymised
- The Welsh Ministers who will determine the application

Your contact details will not be listed publicly on the planning application documentation.

For more information about how we use your personal data, please visit:
www.grasshoppercomms.co.uk/privacy-policy . If you would like us to delete
your data, you can contact us at any time by emailing
rhymnevgreenhub@convatec.com or calling 01685 701254.

First name

Last name

Email address

Address

Postcode [Mandatory]

Appendix G: Early Engagement Press Release

Convatec announces plans for green manufacturing hub in Rhymney

As part of its journey to net zero, global medical products and technologies company Convatec is bringing forward proposals for a renewable energy hub to use local wind and sun to power its South Wales manufacturing operation.

The proposed renewables hub is being developed in partnership with local farmers and would be situated adjacent to Convatec's manufacturing site in Rhymney, South Wales. The project will feature three wind turbines, and around 10 hectares of solar panels, providing a generating capacity of around 20MW.

As well as generating enough clean energy to meet the requirements of the Rhymney facility, the project, known as Convatec Green Manufacturing Hub, will also provide enough energy to power its Deeside operation.

Convatec also anticipates a surplus of energy being produced by the project and will commit to working with the community to identify local energy supply options for other businesses and community organisations.

Commenting on the proposals, Marion Davies, Rhymney Plant Director, said:

"Convatec has been in Rhymney for almost 40 years, employing over a hundred people in high quality jobs. Transitioning our operations to clean, green locally produced energy will make us more resilient, ensuring we can continue to produce world leading products here in Rhymney, that positively touch the lives of people with chronic illness on a daily basis, over the long-term."

"We are dedicated to supporting our local community and look forward to engaging with neighbours, stakeholders and local businesses to help shape the plans and identify opportunities for collaboration and positive community focused outcomes."

Since the project is expected to have an installed capacity of greater than 10MW, it will be considered a Development of National Significance (DNS) by Planning and Environment Decisions Wales (PEDW), with the final decision being made by Welsh Ministers.

Convatec have organised two early engagement community events in Rhymney for the public to learn more about their emerging proposals. These will take place on Wednesday 28 June between 4-8pm at St David's Community Centre and Thursday 29 June between 10am-2pm at Ael-y-Bryn Sports & Community Centre.

Feedback received as part of the early engagement will help shape the detailed proposals for the statutory consultation, which will take place in the autumn.

Further details on Convatec's plans are available at their website www.convatecgroup.com/green-manufacturing-hub-rhymney.

ENDS

For more information, please contact Sean Clarke, Grasshopper Communications on 07493 239576 or sean@grasshopper-comms.co.uk.

Notes to Editors

About Convatec

Convatec is a global medical products and technologies company focused on solutions for the management of chronic conditions.

Their products and solutions are sold in almost 100 countries. They employ around 10,000 people and have nine manufacturing facilities - two of which are in the UK, both in Wales. Currently they employ more than 800 people across their Rhymney and Deeside sites.

In 2022, 840,000 patients were treated with Welsh-manufactured Convatec dressings in the UK, whilst 3.3 million dressings were sold in Wales alone, where they routinely supply the NHS.

Appendix H: Selected Early Engagement Press Coverage


Wales247.co.uk


Cardiff Swansea Business Education

Wales Business News > Manufacturing > Convatec announces plans for green manufacturing hub in Rhymney



MANUFACTURING



Convatec announces plans for green manufacturing hub in Rhymney


 Rhys Gregory | June 15, 2023



SHARE

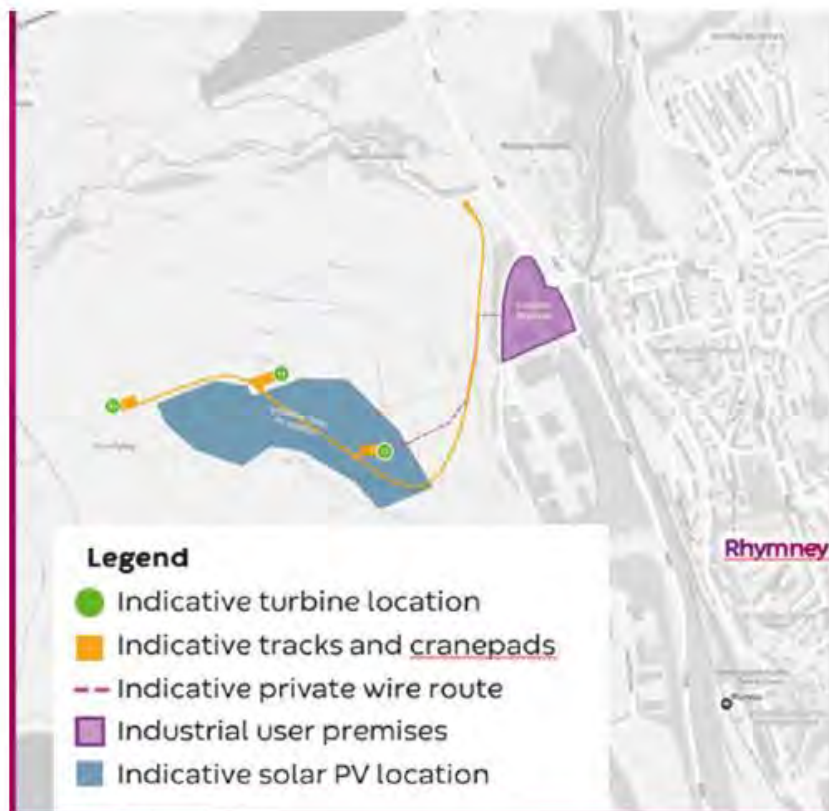
 



As part of its journey to net zero, global medical products and technologies company Convatec is bringing forward proposals for a renewable energy hub to use local wind and sun to power its South Wales manufacturing operation.

The proposed renewables hub is being developed in partnership with local farmers and would be situated adjacent to Convatec's manufacturing site in Rhymney, South Wales. The project will feature three wind turbines, and around 10 hectares of solar panels, providing a generating capacity of around 20MW.

As well as generating enough clean energy to meet the requirements of the Rhymney facility, the project, known as Convatec Green Manufacturing Hub, will also provide enough energy to power its Deeside operation.



Convatec also anticipates a surplus of energy being produced by the project and will commit to working with the community to identify local energy supply options for other businesses and community organisations.

Commenting on the proposals, Marion Davies, Rhymney Plant Director, said:

"Convatec has been in Rhymney for almost 40 years, employing over a hundred people in high quality jobs. Transitioning our operations to clean, green locally produced energy will make us more resilient, ensuring we can continue to produce world leading products here in Rhymney, that positively touch the lives of people with chronic illness on a daily basis, over the long-term."

Since the project is expected to have an installed capacity of greater than 10MW, it will be considered a Development of National Significance (DNS) by Planning and Environment Decisions Wales (PEDW), with the final decision being made by Welsh Ministers.

Convatec have organised two early engagement community events in Rhymney for the public to learn more about their emerging proposals. These will take place on Wednesday 28 June between 4-8pm at St David's Community Centre and Thursday 29 June between 10am-2pm at Ael-y-Bryn Sports & Community Centre.

Feedback received as part of the early engagement will help shape the detailed proposals for the statutory consultation, which will take place in the autumn.

<https://www.wales247.co.uk/convatec-announces-plans-for-green-manufacturing-hub-in-rhymney>

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B Manufacturing + Energy

Medical firm announces plans for green manufacturing hub in Caerphilly

Convatec is proposing a new solar and wind energy hub to power its site in Rhymney

MANUFACTURING By **Lauren Phillips**
11:04, 16 JUN 2023

Bookmark   



The proposed site for the hub looking back towards the manufacturing plant and Rhymney

Global medical products and technologies firm Convatec is bringing forward proposals for a renewable energy hub to power its manufacturing operation in Caerphilly. The project, known as Convatec green manufacturing hub, would use wind and solar energy to power the site as part of the company's ambitions to become net zero.

It is being developed in partnership with local farmers and would be situated adjacent to Convatec's manufacturing site in Rhymney. It will feature three wind turbines, and around 10 hectares of solar panels, providing a generating capacity of around 20MW. It is also expected to provide enough energy to power the company's second operation in Deeside.

Convatec, which focuses on solutions for the management of chronic conditions, sells its products into almost 100 countries. It has nine manufacturing facilities around the world including two in Wales, where it employs more than 800 people across its Rhymney and Deeside sites.

In 2022, 840,000 patients were treated with Welsh-manufactured Convatec dressings in the UK, whilst 3.3 million dressings were sold in Wales alone, where they routinely supply the NHS.

Rhymney plant director Marion Davies said: "Convatec has been in Rhymney for almost 40 years, employing over a hundred people in high quality jobs. Transitioning our operations to clean, green locally-produced energy will make us more resilient, ensuring we can continue to produce world leading products here in Rhymney, that positively touch the lives of people with chronic illness on a daily basis, over the long-term.

"We are dedicated to supporting our local community and look forward to engaging with neighbours, stakeholders and local businesses to help shape the plans and identify opportunities for collaboration and positive community focused outcomes."

Expected to have an installed capacity of greater than 10MW, the hub will be considered a Development of National Significance (DNS) by Planning and Environment Decisions Wales (PEDW), with the final decision being made by Welsh Ministers.

The firm said it has organised two early-engagement community meetings in Rhymney for the public to learn more about their emerging proposals. These will take place on Wednesday 28 June between 4pm - 8pm at St David's Community Centre and Thursday 29 June between 10am - 2pm at Ael-y-Bryn Sports & Community Centre.

Feedback received as part of the early engagement will help shape the detailed proposals for the statutory consultation, which will take place in the autumn.

<https://www.business-live.co.uk/manufacturing/medical-firm-announces-plans-green-27136018>

Green manufacturing hub plans revealed



By Ben Butler
16 Jun 2023



Medical products and technologies company Convatec is bringing forward proposals for a renewable energy hub to use wind and sun to power its South Wales manufacturing operation.

The proposed renewables hub is being developed in partnership with farmers and would be situated adjacent to Convatec's manufacturing site in Rhymney.

The project will feature three wind turbines, and around 25 acres of solar panels, providing a generating capacity of around 20MW.

Known as Convatec Green Manufacturing Hub, the scheme will also provide enough energy to power its Deeside operation.

Convatec also anticipates a surplus of energy being produced by the project and will commit to working with the community to identify local energy supply options for other businesses and community organisations.

Marion Davies, Rhymney Plant director, said: "Convatec has been in Rhymney for almost 40 years, employing over a hundred people in high quality jobs. Transitioning our operations to clean, green locally produced energy will make us more resilient, ensuring we can continue to produce world leading products here in Rhymney, that positively touch the lives of people with chronic illness on a daily basis, over the long-term.

"We are dedicated to supporting our local community and look forward to engaging with neighbours, stakeholders and local businesses to help shape the plans and identify opportunities for collaboration and positive community focused outcomes."

Since the project is expected to have an installed capacity of greater than 10MW, it will be considered a Development of National Significance (DNS) by Planning and Environment Decisions Wales (PEDW). The final decision is being made by Welsh Ministers.

Convatec has organised two early engagement community events in Rhymney for the public to learn more about its emerging proposals. These will take place on Wednesday 28 June between 4-8pm at St David's Community Centre and Thursday 29 June between 10am-2pm at Ael-y-Bryn Sports & Community Centre.

Feedback received as part of the early engagement will help shape the detailed proposals for the statutory consultation, which will take place in the autumn.

<https://www.insidermedia.com/news/wales/green-manufacturing-hub-plans-revealed>

Appendix I: Public Exhibition Advert

facebook.com/WalesOnline

WCV1ST
THURSDAY, JUNE 22, 2023 **CELTIC SERIES 9**

News

Plans for wind farm come under council scrutiny

PLANS for a wind farm which could power more than 15,000 homes are set to be discussed by councillors – but it will be up to a planning inspector to make a final decision.

The application for the wind farm with seven turbines on land at Mynydd y Glyn, to the east of Trebanog, with a capacity of 30 Megawatts (MW) and the potential to power 15,376 houses is due to go before the council's planning committee on Thursday.

The Pennant Walters Ltd application is a development of national significance as the generating capacity would exceed 10MW and a decision lies outside of the council's jurisdiction and lies instead with Planning and Environment Decisions Wales (PEDW).

STAFF REPORTER

Reporter
newsdesk@walesonline.co.uk

The recommendation is that the committee approves the council's local impact report, which the council is required to submit, on the development of national significance planning application and this will be sent to PEDW to help the appointed Welsh Government Inspector in making a decision.

The construction period would be around two years and the wind farm has been designed with an operational life of 30 years and, at the end of this period, would be shut down, dismantled and removed from site.

The turbines would have a diameter of up to 136m, a "hub height" of up

to 97.5m and a maximum blade up height of 155m.

The development would also include other aspects such as a substation and control building, temporary construction compounds, including temporary site offices, crane pads at each turbine location, turbine foundations, underground power cables, internal access tracks, a new access and junction off the A4233, and a 1.4km long overhead line from the point of supply (on-site substation) to the boundary of the site where it will be met with a 7.1km long underground cable to the grid connection (an existing National Grid substation at Upper Boat).

The planning report said the site lay within the Mynydd y Glyn and Nant Muchudd Basin Special Land-



Mynydd y Glyn, east of Trebanog, where a wind farm could be built

scape Area and that elements also fell within the Trebanog Slopes and Mynydd y Glyn Sites of Importance for Nature Conservation.

It said the site was partially located within the Rhondda Historic Landscape Area and areas of the Rhos Tonyrefail Site of Special Scientific Interest (SSSI) were located directly to the south.

The site was crossed by several high risk areas in respect of historic underground coal mining and there were areas of potentially contaminated land on site, the report said.

The report added that the site was crossed by several public rights of way and the entire site was a Sand-

stone Resource Area.

In assessing the application, the council's planning officers said "It is considered the proposed development will have a negative impact on the landscape in visual terms and to the outlook of the closest residents, although it is accepted that this is a subjective issue."

"In all other key respects, such as residential amenity, highway safety and ecology, it is considered appropriate mitigation can be implemented that would ensure there is no more than a neutral impact."

Planning officers advised members to offer no objections to the content of the council's local impact report.



Convatec Green Manufacturing Hub proposals, Rhymney

Early engagement

Convatec is bringing forward plans to create our own green energy to power the manufacture of our medical products in Rhymney.

To find out more and discuss the proposals with members of the project team, come along to our public events:

4pm to 8pm	Wed 28 June	St. David's Community Centre, High Street, Rhymney, NP22 5BB
10am to 2pm	Thurs 29 June	Ael y Bryn Sports & Community Centre, Aneurin Terrace, Rhymney, NP22 5DR

Alternatively, you can view the exhibition online (from 28 June). Please submit your comments by 16 July 2023.

Cynigion Hyb Gweithgynhyrchu Gwyrdd Convatec, Rhymni

Ymgysylltu cynnar

Mae Convatec yn cyflwyno cynlluniau i greu ein hynni gwyrdd ein hunain i bweru gweithgynhyrchu ein cynnyrch meddygol yn Rhymni.

I ddarganfod mwy a thrafod y cynigion gydag aelodau o dim y prosiect, dewch i'n digwyddiadau cyhoeddus:

4pm i 8pm	Dydd Mercher 28 Mehefin	Canolfan Gymunedol Dewi Sant, Stryd Fawr, Rhymni, NP22 5BB
10am i 2pm	Dydd Iau 29 Mehefin	Canolfan Gymunedol Dewi Sant, Stryd Fawr, Rhymni, NP22 5BB

Fel arall, gallwch weld yr arddangosfa ar-lein (o 28 Mehefin). Cyflwynwch eich sylwadau erbyn 16 Gorffennaf 2023.

convatecgroup.com/green-manufacturing-hub-rhymney

Appendix J: Public Exhibition Poster



Convatec Green Manufacturing Hub proposals, Rhymney

Early engagement

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Alternatively, you can view the exhibition online (from 28 June). Please submit your comments by **12 July 2023**.

Cynigion Hyb Gweithgynhyrchu Gwyrdd Convatec, Rhymni

Ymgysylltu cynnar

Mae Convatec yn cyflwyno cynlluniau i greu ein hynni gwyrdd ein hunain i bweru gweithgynhyrchu ein cynnyrch meddygol yn Rhymni.

I ddarganfod mwy a thrafod y cynigion gydag aelodau o dîm y prosiect, dewch i'n digwyddiadau cyhoeddus:

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10am i 2pm	Dydd Iau 29 Mehefin	Canolfan Gymunedol Dewi Sant, Stryd Fawr, Rhymni, NP22 5BB

Fel arall, gallwch weld yr arddangosfa ar-lein (o 28 Mehefin). Cyflwynwch eich sylwadau erbyn **12 Gorffennaf 2023**.

convatecgroup.com/green-manufacturing-hub-rhymney

Appendix K: Public Exhibition Posters In Situ



1. Junction of King Edward Terrace and High Street



2. St Davids Community Centre fencing on the High Street

Appendix L: Social Media Text

FOR FACEBOOK

Local employer Convatec is bringing forward proposals for a green energy hub next to its manufacturing plant in the Heads of the Valleys Industrial Estate.

Now is your opportunity to influence the emerging plans by taking part in the early engagement consultation.

You can go along to their public events to learn more and share your views on the project. The team is also keen to hear your ideas for the community benefits aspect which not only has a fund but also has the potential for excess energy to be used by local businesses and community organisations.

FOR TWITTER

Renewable energy proposals coming forward in Rhymney from local employer Convatec. See the event poster for public exhibition details where you can find out more and get involved with influencing the plans and shaping how excess energy might be used locally.

Appendix M: Public Exhibition Boards



Welcome...

to our exhibition on emerging proposals for the Convatec Green Manufacturing Hub.

We hope the information presented here is useful to you. Should you have any questions then please feel free to ask any member of the team.

Please give us your feedback at the end of your visit or from the comfort of home.

About Convatec

We are a global medical products and technologies company focused on solutions for the management of chronic conditions.

Our vision

Pioneering trusted medical solutions to improve the lives we touch. Our products and solutions are sold in almost **100 countries**, we employ around **10,000 people** and have nine manufacturing facilities - two of which are in the UK, both in Wales.

In 2022, 840,000 patients were treated with Welsh-manufactured Convatec dressings in the UK, whilst 3.3 million dressings were sold in Wales alone, where we routinely supply to the NHS.

Case Study - Product Advocate

"My story started on a country walk when I was bitten by an insect on my left shin. I quickly became unwell and was hospitalized with cellulitis and blood poisoning.

After treatment for the infection, I was discharged but the wound continued to deteriorate. I was re-admitted to hospital and was being prepared for surgery to carry out a skin graft. In a last-ditch attempt to avoid significant surgery, I persuaded the surgeon to try Convatec's Aquacel Ag Advantage dressing – a dressing I had helped to develop.

The wound improved overnight, and the surgery was postponed and then cancelled as the wound continued to heal."

You can give us your views by:


- Completing a paper feedback form, available here today
- Emailing us on: rhymneygreenhub@convatec.com
- Filling-in an online feedback form available on the project website: www.convatecgroup.com/green-manufacturing-hub-rhymney



Dan Metcalf
Director

Research & Development Engineering
Deeside





Convatec in Wales

Both of our UK manufacturing operations are in Wales and currently we employ more than 800 people across our Rhymney and Deeside sites.

In the face of global uncertainty, we have an opportunity to ensure stability and growth by effectively using the natural resources around us.

By using wind and sun to produce our own green electricity this means we can reduce our reliance on imported fossil fuels, which have high associated carbon emissions, and can fluctuate in price significantly.

We are committed to innovation, including recent work with Welsh Government on the first national wound healing centre - a flagship facility for clinical innovation.

Benefits to the community


We want this to be a project that brings benefit to the whole Rhymney community.




We are therefore committed to working with the local community to develop a scheme that can deliver meaningful long-term community benefit.

This will include:

- A community fund of around £75,000 per year – what do you think this should be used for?
- Surplus green electricity that may be used by other local businesses or community organisations – what are your ideas and suggestions?
- Support for a business centered within the local community delivering high quality jobs and long-term prosperity to the Rhymney Valley.

Convatec in Rhymney



- 1986** — Began operating in 1986
- £20M** — £20 million recent investment in a new production line to increase capacity
- 100+** — More than 100 employees (and extensive supply chain)
-  — Mix of skilled and operational jobs
-  — Extending apprenticeships programme this year
-  — Produce a range of products including:
 - Advanced Wound Care
 - Continence Care
 - Infusion Care
 - Ostomy Care



Creating our own green energy

Using the wind and sun to power the manufacture of sustainable medical products in Rhymney.

Convatec is committed to playing its part in helping tackle climate change. We want to lead the way in the green industrial revolution in Wales by demonstrating how manufacturing can be decarbonised whilst still supporting growth. By 2045 our aim is to become net zero worldwide. Our manufacturing plants use large amounts of energy, therefore, a key part of our pathway to achieving net zero is the production of our own renewable energy.

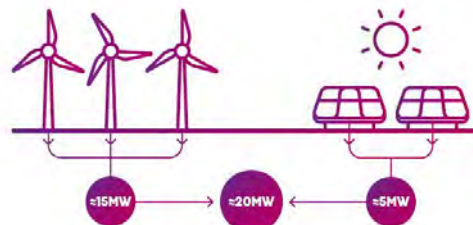
In addition, in the face of global uncertainty, we have an opportunity to ensure stability and growth by effectively using the natural resources around us. means we can reduce our reliance on imported fossil fuels, which have high associated carbon emissions, and can fluctuate in price significantly.

Whilst decarbonising manufacturing in Wales, this in turn will help us to support long term manufacturing jobs by reducing waste and managing our operating costs carefully.



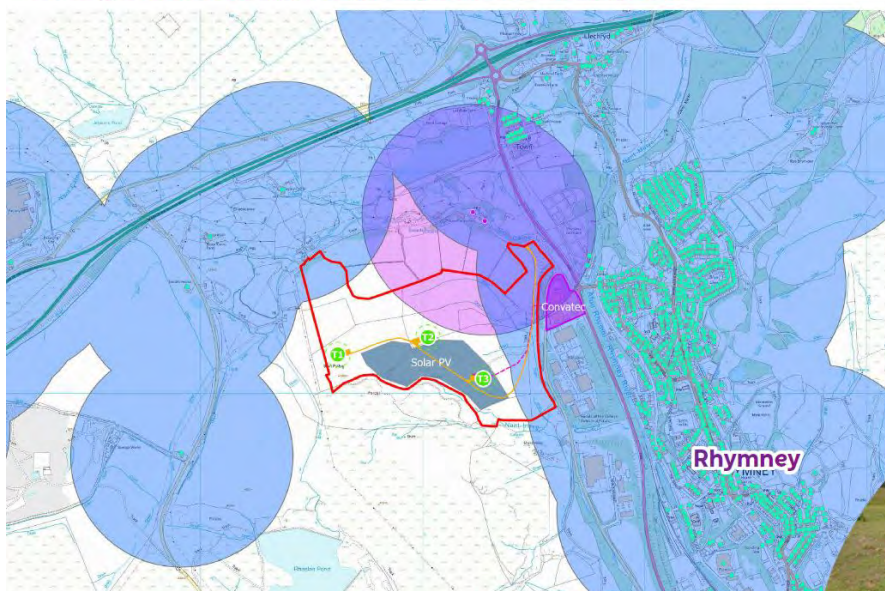
Our proposals

- Wind turbine and solar PV development to supply renewable energy for Convatec's factory in Rhymney.
- Planned to consist of three wind turbines with a combined capacity of around 15MW, and 5MW of solar PV.
- A combined installed capacity of around 20MW.
- Turbines are a height of up to 150 metres.
- Energy generated is likely to exceed the amount needed to power Convatec's operations, providing a surplus for use in our Deeside factory and potentially local suppliers and consumers.



Masterplan

Making manufacturing in Rhymney sustainable long-term



Legend

- Site area
- Convatec Premises
- Indicative turbine location
- Blade overfly area
- Indicative tracks and crane pads
- Indicative private wire route
- Indicative substation location
- Indicative solar PV location
- Housing
- Housing separation buffer
- Landowner property





Why this location?

Proximity to factory

The project location is next door to our manufacturing facility in Rhymney to maximise the efficiency of the scheme. This will allow us to send the electricity generated directly from the energy hub to our plant.

Continued agricultural use and diversification of farmland

The land is classed as 'Grade 5 agricultural' and is currently used for grazing. The new proposed use will complement existing farming activity, allowing grazing to continue around the hub and enabling diversification of use by the farmer.

Rhymney past

Rhymney is built around a rich heritage of heavy industry and mining, with the establishment of the Union Ironworks in 1801 using local coking coal, iron ore and limestone. From the mid-19th century, steam coal pits were sunk to the south of the town.

Historic energy application

As there is high grade coal beneath the location, it has formerly been the subject of a planning application to extend existing surface mining activity. The site has never been worked for coal, and therefore land stability is expected to be good. This will continue to be assessed during further development activities.

This proposal will ensure that the coal remains in the ground.

Location future

Convatec wants to be part of the delivery of a greener future for the Rhymney Valley, that focuses on the use of renewable energy and innovation to secure local jobs in sustainable manufacturing and technology. The establishment of the Convatec green manufacturing hub is step towards this positive re-industrialisation of the area.

How is this scheme different to other local energy projects?

We are aware that there are a number of other local renewables energy schemes in progress that will need to be considered in relation to our plans and potential cumulative impact. But this project is different to those being brought forward by energy developers.

Convatec is a long-standing local business situated within the heart of the Rhymney community. Our scheme is all about ensuring a long-term green future for the Convatec facility, where we plan to continue to employ many local people for years to come.

The excess energy produced by the Convatec Green Manufacturing Hub has the potential to offer a real and unique additional benefit for the community of Rhymney and we are eager to identify opportunities for, and build into our plans, a strong community aspect to the project.



Caring for the environment

Caring for our environment will be a key consideration as we develop plans for the Convatec Green Manufacturing Hub.

We will need to undertake a range of environmental studies to ensure we have identified any potential impacts and put in place appropriate mitigation measures.



Visual impact



Shadow flicker



Transport and access



Ground conditions



Heritage



Noise



Ecology

Early studies have already been completed that indicate this is an appropriate site for renewables development, including full consideration of birds and bats. An initial scoping opinion for the Environmental Impact Assessment is being undertaken by Pure Energy Professionals (PEP) and other specialist advisers, reporting to Convatec.

Ecology

Initial field survey work and analysis has been carried out to assess the site for potential impacts on ecology.

No significant ornithology (birds) or ecology (habitats and species) issues have been identified during initial fieldwork surveys carried out to date.

Though activity of some locally noteworthy species have been identified, such as red kite and merlin, these species are typical for the area and both wander widely during their non-breeding season. Red kites nest in mature trees and Merlin are a moorland nesting species, so suitable breeding habitat for both species is not present here.

Further and more detailed habitat surveys are planned to be undertaken alongside detailed design process.

Planning process

Due to the size and nature of the project, it will be considered a Development of National Significance (DNS) by the Welsh Government.

Therefore, the planning application will need to be submitted to Planning and Environment Decisions Wales (PEDW), that will make recommendations to the Welsh Government about whether to give our plans the go ahead. A decision will then be made by Welsh Ministers.

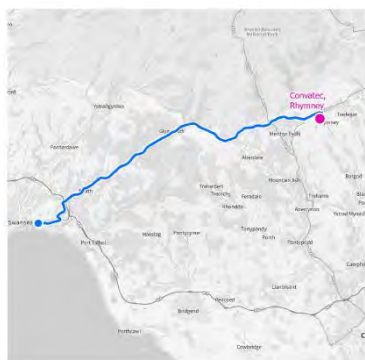




Managing local impacts

Access and transport

The likely route for the transportation of wind turbines and solar panels will be from the port of Swansea via the A465 and A469 to the project location, entering site close to the Convatec facility at the Heads of the Valleys Industrial Estate.



Shadow flicker and Noise

We recognise that along with visual impacts, the potential shadow and noise impacts of wind turbines tend to be the issues of greatest concern to local residents.

Detailed assessment work is being carried out to design the site in such a way that minimises the chance of either of these being an issue for Rhymney, and its surrounding communities.

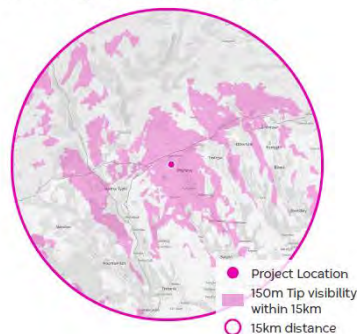
Shadowing is most problematic when a phenomenon known as shadow flicker occurs. This is where blade shadows pass over a small opening, such as a window, and cause a flickering effect inside. Modern turbines can be fitted with a system that monitors and predicts this problem and shuts the turbine down ahead of any impact being experienced if necessary.

Nuisance noise is generally avoided by siting turbines an adequate distance away from local residents. However, in the event of a negative impacts, which can sometimes occur in certain wind directions or wind speeds, turbines can be turned down, or off entirely, to manage this.

Visual impact and landscape

During this early engagement we will collect feedback regarding the proposed position of the turbines and solar panels.

Following a review of the feedback received we will re-assess the plans and produce photomontages of how the project will look from certain viewpoints around the locality. These photomontages will be ready to be shared with the community later in the year, during the statutory consultation.



Community Benefits

The dual benefits of surplus energy and a Community Benefits Fund makes our project unique, and we are looking for innovative ideas on how these elements could be used for the greater community good in Rhymney.

We are keen to hear your ideas on how the fund of around £75,000 a year could be used. Your experience of other community benefit schemes would also be of value with regards to what you feel works and what doesn't. Please share your thoughts with us here today, or via the feedback form.

Next steps

Following this early engagement, we will review and evaluate the feedback received on the proposed project, the Community Benefit and opportunities identified to use surplus electricity.

This feedback will help shape our proposals moving forward, enabling us to draw up our detailed plans ready to present to the community in a second phase of consultation later in the year.

Jordan Davies
Validation Engineer
Rhymney



Case studies – employees in Wales

"I joined as an Operator nearly 5 years ago. I had my first secondment working in the Quality Control lab and second in the CI department, where I was offered a permanent role. Last year I was offered a further opportunity to develop with the role of Validation Engineer."

Contact Us

You can get in touch with the project team by:

- 📞 01685 701254
- ✉️ rhymneygreenhub@convatec.com
- ✍️ Freepost GRASSHOPPER CONSULT (no stamp or further address required)

Please submit your early engagement comments by 16 July.

These contact details will put you in touch with Grasshopper, who are managing the consultation with the team at Convatec.

Thank you for your time today. We look forward to hearing from you.

Timeline





Croeso...

I'n harddangosfa ar gynigion sy'n dod i'r amlwg ar gyfer Hyb Gweithgynhyrchu Gwyrdd Convatec.

Gobeithiwn fod y wybodaeth a gyflwynir yma i ddefnydd i chi. Os oes gennych unrhyw gwestiynau, mae croeso i chi ofyn i unrhyw aelod o'r tim.

Rhowch eich adborth i ni ar ddiwedd eich ymweliad neu o gysur eich cartref.

Ynglŷn â Convatec

Rydym yn gwmni cynhyrchion a thechnolegau meddygol byd-eang sy'n canolbwyntio ar atebion ar gyfer rheoli cyflyrau cronig.

Ein gweledigaeth

atebion meddygol arloesol y gellir ymddiried ynddynt i wella'r bywydau rydym yn cyffwrdd â nhw. Mae ein cynnyrch a'n hatebion yn cael eu gwerthu mewn bron 100 o wledydd, rydym yn cyflogi tua 10,000 o bobl ac mae gennym naw cyfleuster gweithgynhyrchu – dau ohonynt yn y DU, y naill a'r llall yng Nghymru.

Yn 2022, cafodd 840,000 o gleifion eu trin â gorchuddion Convatec a weithgynhyrwyd yng Nghymru yn y DU, tra gwerthwyd 3.3 miliwn o orchuddion yng Nghymru yn unig, lle rydym yn cyflenwi fel mater o drefn i'r GIG.

Astudiaeth Achos - Eiriolwr Cynnyrch

"Dechreuodd fy stori ar daith gerdded wledig pan ges i fy mrathu gan bryfn ar fy nghrimog chwith. Es i'n sâl yn gyflym a ches fy anfon i'r ysbyty gyda llied yr isgroen a gwenwyn gwaed.

Ar ôl triniaeth ar gyfer yr haint, ces i fy rhyddhau ond parhaodd y clwyf i ddirywio. Ces fy anfon eto i'r ysbyty ac roeddwn i'n cael fy mharatoi ar gyfer llawdriniaeth i wneud impiad croen. Mewn ymgais olaf i osgoi llawdriniaeth sylweddol, perswadias i'r llawfeddyg i roi cynnig ar orchudd Aquacel Ag Advantage Convatec - gorchudd roeddwn i wedi helpu i'w ddatblygu.

Fe wellodd y clwyf dros nos, ac fe gafodd y llawdriniaeth ei gohrio ac wedyn ei chanslo wrth i'r clwyf barhau i wella."

Gallwch roi eich barn i ni drwy:



Gwblhau ffurflen adborth papur, sydd ar gael yma heddiw



NEU drwy anfon e-bost atom yn: rhydneygreenhub@convatec.com



Llenwi ffurflen adborth ar-lein sydd ar gael ar wefan y prosiect: www.convatecgroup.com/green-manufacturing-hub-rhydney



Dan Metcalf
Cyfarwyddwr

Peirianneg
Ymchwil a
Datblygu

Glannau Dyfrdwy



Convatec yng Nghymru

Mae ein dau weithlu gweithgynhyrchu yn y DU yng Nghymru ac ar hyn o bryd rydym yn cyflogi mwy nag 800 o bobl ar draws ein safleoedd yn Rhymni a Glannau Dyfrdwy.

Yn wyneb ansicrwydd byd-eang, mae gennym gyfle i sicrhau sefydlogrwydd a thwf drwy ddefnyddio'r adnoddau naturiol o'n cwmplas yn effeithiol. Trwy ddefnyddio gwynt a haul i gynhyrchu ein trydan gwyrdd ein hunain, mae hyn yn golygu y gallwn lleihau ein dibyniaeth ar danwydd ffosil wedi'i fewnforio, sydd ag allyriadau carbon cysylltiedig uchel, ac sy'n gallu amrywio'n sylweddol o ran pris.

Rydym wedi ymrwngwyo i arloesi, gan gynnwys gwaith diweddar gyda Llywodraeth Cymru ar y ganolfan gwella clwyfau genedlaethol gyntaf - cyfleuster blaenllaw ar gyfer arloesi clinigol.

Manteision i'r gymuned

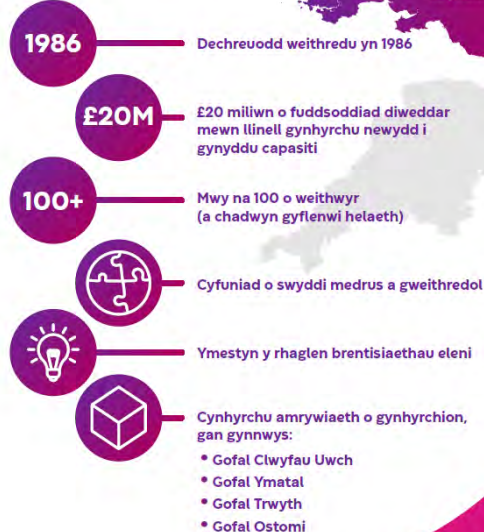
Rydym am i hwn fod yn brosiect sy'n dod â budd i holl gymuned Rhymni.

Felly, rydym wedi ymrwngwyo i weithio gyda'r gymuned leol i ddatblygu cynllun a all sicrhau budd cymunedol hirdymor ystyrlon.

Bydd hyn yn cynnwys:

- Cronfa gymunedol o ryw £75,000 y flwyddyn – ar gyfer beth ydych chi'n meddwl y dylied defnyddio hwn?
- Trydan gwyrdd dros ben y gall busnesau lleol neu sefydliadau cymunedol eraill ei ddefnyddio – beth yw eich syniadau a'ch awgrymiadau?
- Cymorth i fusnes sy'n canolbwyntio ar y gymuned leol sy'n darparu swyddi o ansawdd uchel a ffyniant hirdymor i Gwm Rhymni.

Convatec yn Rhymni





Creu ein hynni gwyrd d ein hunain

Defnyddio'r gwynt a'r haul i bweru'r gwaith o gynhyrchu cynhyrchion meddygol cynaliadwy yn Rhymni.

Mae Convatec wedi ymrwmo i chwarae ei ran wrth helpu i fynd i'r afael â'r newid yn yr hinsawdd. Rydym am arwain y ffordd yn y chwyldro diwydiannol gwyrd d yng Nghymru drwy ddangos sut y gellir datgarboneiddio gweithgynhyrchu wrth barhau i gefnogi twf. Erbyn 2045 ein nod yw dod yn sero net yn fyd-eang.

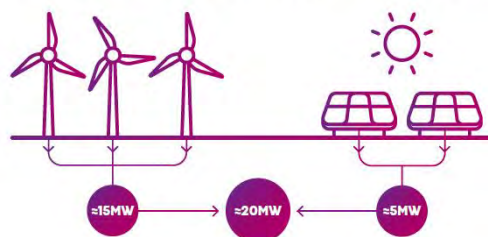
Mae ein gweithfeydd gweithgynhyrchu yn defnyddio llawer iawn o ynni, felly, rhan allweddol o'n llwybr at gyflawni nod sero net yw cynhyrchu ein hynni adnewyddadwy ein hunain. Yn ogystal, yn wyneb ansicrwydd byd-eang, mae gennym gyfle i sicrhau sefydlogrwydd a thwf drwy ddefnyddio'r adnoddau naturiol o'n cwmpas yn effeithiol.

yn golygu y gallwn leihau ein dibyniaeth ar danwydd ffosil wedi'i fewnforio, sydd ag allyriadau carbon cysylltiedig uchel, ac sy'n gallu amrywio'n sylweddol mewn pris.

Wrth ddatgarboneiddio gweithgynhyrchu yng Nghymru, bydd hyn yn ei dro yn ein helpu i gefnogi swyddi gweithgynhyrchu hirdymor drwy leihau gwastraff a rheoli ein costau gweithredu yn ofalus.

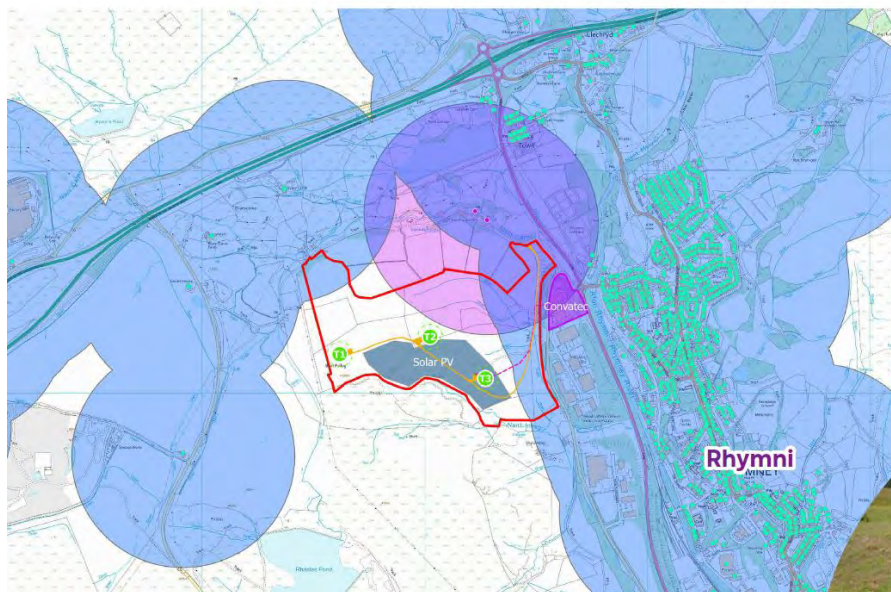
Ein cynigion

- Datblygiad tyrbîn gwynt a PV solar i gyflenwi ynni adnewyddadwy ar gyfer ffatri Convatec yn Rhymni.
- Bwriedir cynnwys tri thyrbîn gwynt gyda chynhwysedd cyfun o tua 15MW, a 5MW o solar PV.
- Cynhwysedd gosodedig cyfun o ryw 20MW.
- Mae'r tyrbînau hyd at 150 metr o uchder.
- Mae'n debygol y bydd yr ynni a gynhyrchir yn fwy na'r swm sydd ei angen i bweru gweithrediadau Convatec, gan ddarparu gwared i'w ddefnyddio yn ein ffatri yng Nglannau Dyfrdwy a chyflenwyr a defnyddwyr lleol o bosibl.



Prif Gynllun

Gwneud gweithgynhyrchu yn gynaliadwy yn Rhymni yn y tymor hir



Allwedd

- Ardal y safle
- Mangre Convatec
- Lleoliad tyrbîn dangosol
- Ardal hedfan y llafn
- Lleoliadau dangosol traclau a phadiau craeniau
- Llwybr dangosol gwifren breifat
- Safle dangosol is-orsaf
- Safle dangosol PV solar
- Tai
- Clustog gwahanu tai
- Eiddo tîrfeiddiannwr



Pam y lleoliad hwn?

Agosrwydd at y ffatri

Mae lleoliad y prosiect drws nesaf i'n cyfleuster gweithgynhyrchu yn Rhymini er mwyn sicrhau bod y cynllun mor effeithlon â phosibl. Bydd hyn yn ein galluogi i anfon y trydan a gynhyrchir yn uniongyrchol o'r hyb ynni i'n ffatri.

Defnydd amaethyddol parhaus ac arallgyfeirio tir fferm

Mae'r tir wedi ei ddosbarthu yn un 'Gradd 5 amaethyddol' ac yn cael ei ddefnyddio ar hyn o bryd ar gyfer pori. Bydd y defnydd arfaethedig newydd yn ategu gweithgarwch ffermio presennol, gan ganiatáu i bori parhaus o amgylch y canolbwynt a galluogi'r ffermwr i arallgyfeirio defnydd.

Rhymini'r gorffennol

Mae Rhymini wedi'i adeiladu o amgylch treftadaeth gyfoethog o ddiwydiant trwm a mwylgloddio, gyda sefydlu Gwaith Haearn yr Undeb yn 1801 gan ddefnyddio glo golosg lleol, mwyn haearn a chalchfaen. O ganol y 19eg ganrif, suddwyd pyllau glo ager i'r de o'r dref.

Defnydd ynni hanesyddol

Gan fod glo gradd uchel o dan y lleoliad, mae wedi bod yn destun cais cynllunio yn flaenorol i ymestyn y gweithgarwch cloddio arwyneb presennol. Nid yw'r safle erioed wedi cael ei weithio ar gyfer glo, ac felly disgwylir i sefydlogrwydd y tir fod yn dda. Bydd hyn yn parhau i gael ei asesu yn ystod gweithgareddau datblygu pellach.

Bydd y cynnig hwn yn sicrhau bod y glo yn aros yn y ddaear.

Dyfodol y lleoliad

Mae Convatec am fod yn rhan o'r gwaith o sicrhau dyfodol gwyrddach i Gwm Rhymini, sy'n canolbwyntio ar y defnydd o ynni adnewyddadwy ac arloesi i sicrhau swyddi lleol ym maes gweithgynhyrchu a thechnoleg gynaliadwy. Mae sefydlu canolbwynt gweithgynhyrchu gwyrdd Convatec yn gam tuag at yr ail-ddiwydiannu cadarnhaol hwn yn yr ardal.

Sut mae'r cynllun hwn yn wahanol i brosiectau ynni lleol eraill?

Rydym yn ymwybodol bod nifer o gynlluniau ynni adnewyddadwy lleol eraill ar y gweill y bydd angen eu hystyried mewn perthynas â'n cynlluniau a'r effaith gronol bosibl. Ond mae'r prosiect hwn yn wahanol i'r rhai sy'n cael eu cyflwyno gan ddatblygwyr ynni.

Mae Convatec yn fusnes lleol sy'n bodoli ers tro ac sydd wedi'i leoli yng nghanol cymuned Rhymini. Mae ein cynllun yn ymwneud â sicrhau dyfodol gwyrdd hirdymor i gyfleuster Convatec, lle rydym yn bwriadu parhau i gyflogi llawer o bobl leol am flynyddoedd i ddod.

Mae gan yr ynni dros ben a gynhyrchir gan Hyb Gweithgynhyrchu Gwyrdd Convatec y potensial i gynnig budd ychwanegol go iawn ac unigryw i gymuned Rhymini ac rydym yn awyddus i nodi cyfleoedd ar gyfer agwedd gymunedol gref ar y prosiect, ac adeiladu yn ein cynlluniau.



Gofalu am yr amgylchedd

Bydd gofalu am ein hamgylchedd yn ystyriaeth allweddol wrth i ni ddatblygu cynlluniau ar gyfer Hyb Gweithgynhyrchu Gwyrdd Convatec.

Bydd angen i ni gynnal amrywiaeth o astudiaethau amgylcheddol i sicrhau ein bod wedi nodi unrhyw effeithiau posibl a rhoi mesurau lliniaru priodol ar waith.



Effaith weledol



Cysgod symudol



Cludiant a mynediad



Cyflwr y tir



Treftadaeth



Sŵn



Ecoleg

Mae astudiaethau cynnar eisoes wedi'u cwblhau sy'n dangos bod hwn yn safle priodol ar gyfer datblygiad ynni adnewyddadwy, gan gynnwys ystyriaeth lawn o adar ac ystlumod.

Mae barn gwmpasu gychwynnol ar gyfer yr Asesiad Effaith Amgylcheddol yn cael ei chynnal gan Weithwyr Proffesiynol Pure Energy (PEP) a chynghorwyr arbenigol eraill, sy'n adrodd i Convatec.

Ecoleg

Mae gwaith arolwg maes cychwynnol a dadansoddiad wedi'i wneud i asesu'r safle ar gyfer effeithiau posibl ar ecoleg.

Nid oes unrhyw broblemau sylweddol o ran adareg (adar) nac ecoleg (cynefinoedd a rhywogaethau) wedi'u nodi yn ystod arolygon gwaith maes cychwynnol a gynhaliwyd hyd yma.

Er bod gweithgarwch rhai rhywogaethau sy'n nodedig yn lleol wedi'u nodi, megis y barcud coch a'r cudyll bach, mae'r rhywogaethau hyn yn nodweddiadol o'r ardal ac mae'r ddau yn crwydro'n eang yn ystod eu tymor nad ydynt yn bridio. Mae barcutiaid coch yn nythu mewn coed aeddfed ac mae Cudyll bach yn rhywogaeth nythu rhostir, felly nid oes cynefin bridio addas ar gyfer y ddwy rywogaeth yn bresennol yma. Bwriedir cynnal arolygon cynefin pellach a manylach ochr yn ochr â phroses ddylunio fanwl.

Y broses gynllunio

Oherwydd maint a natur y prosiect, bydd yn cael ei ystyried yn Ddatblygiad o Arwyddocâd Cenedlaethol (DAC) gan Lywodraeth Cymru.

Felly, bydd angen cyflwyno'r cais cynllunio i Benderfyniadau Cynllunio ac Amgylchedd Cymru (PEDW), a fydd yn gwneud argymhellion i Lywodraeth Cymru ynghylch a ddylid rhoi sêl bendith ar ein cynlluniau. Wedyn gwneir penderfyniad gan Weinidogion Cymru.

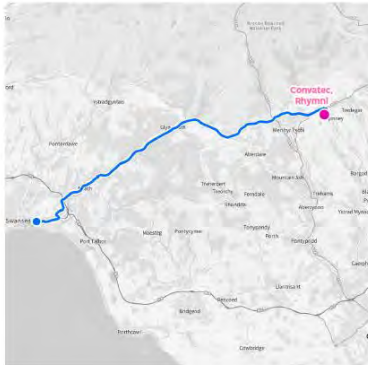




Rheoli effeithiau lleol

Mynediad a thrafnidiaeth

Y llwybr tebygol ar gyfer cludo tyrbinau gwynt a phaneli solar fydd o borthladd Abertawe ar hyd yr A465 a'r A469 i leoliad y prosiect, gan fynd i mewn i'r safle yn agos at gyfleuster Convatec ar Ystâd Ddiwydiannol Blaenau'r Cymoedd.



Cysgodion symudol a Sŵn

Rydym yn cydnabod, ynghyd ag effeithiau gweledol, mai effeithiau posibl cysgodion a sŵn tyrbinau gwynt yw'r materion sy'n peri'r pryder mwyaf i drigolion lleol, fel rheol.

Mae gwaith asesu manwl yn cael ei wneud i ddylunio'r safle mewn ffordd sy'n lleihau'r siawns y bydd y naill neu'r llall o'r rhain yn problem i Rymni, a'r cymunedau cyfagos.

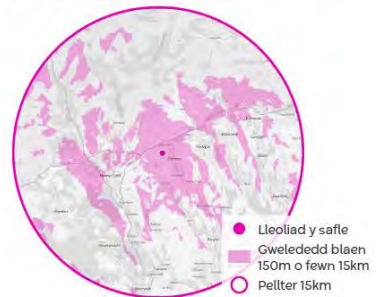
Mae cysgod yn peri'r problemau mwyaf pan fydd ffenomen o'r enw cysgodion symudol yn digwydd. Dyma lle mae cysgodion llafn yn mynd dros agoriad bach, fel ffenestr, ac yn achosi cysgodion symudol oddi mewn. Gellir gosod system ar dyrbinau modern sy'n monitro ac sy'n rhagweld y broblem hon ac sy'n cau'r tyrbinau i lawr cyn profi unrhyw effaith os oes angen.

Yn gyffredinol, mae sŵn niwsans yn cael ei osgoi trwy leoli tyrbinau yn ddigon pell oddi wrth drigolion lleol. Fodd bynnag, mewn achos o effeithiau negyddol, a all ddigwydd weithiau oherwydd cyfeiriadau gwynt penodol neu gyflymder gwynt, gellir troi tyrbinau i lawr, neu eu diffodd yn gyfan gwbl, i reoli hyn.

Effaith weledol ac ar y dirwedd

Yn ystod yr ymgysylltu cynnar hwn byddwn yn casglu adborth ynghylch lleoliad arfaethedig y tyrbinau a'r paneli solar.

Yn dilyn adolygiad o'r adborth a dderbyniwyd byddwn yn ail-asesu'r cynlluniau ac yn cynhyrchu ffotogyfosodiadau o sut y bydd y prosiect yn edrych o olygfannau penodol o amgylch yr ardal. Bydd y ffotogyfosodiadau hyn yn barod i'w rhannu â'r gymuned yn ddiweddarach yn y flwyddyn, yn ystod yr ymgynghoriad statudol.



Jordan Davies
Peiriannydd Dilysu
Rymni



Astudiaeth Achos - gweithwyr yng Nghymru

"Fe wnes i ymuno fel Gweithredwr bron 5 mlynedd yn ôl. Ces fy secondiad cyntaf yn gweithio yn y labordy Rheoli Ansawdd ac yn ail yn yr adran CI, lle ces i gynnig swydd barhaol. Llynedd, ces i gynnig cyfle arall i ddatblygu gyda rôl Peiriannydd Dilysu."

Buddion i'r Gymuned

Mae buddion deuol ynni dros ben a Chronfa Buddion Cymunedol yn gwneud ein prosiect yn un unigryw, ac rydym yn chwilio am syniadau arloesol ar sut y gellid defnyddio'r elfennau hyn er lles cymunedol ehangach Rymni.

Rydym yn awyddus i glywed eich syniadau ar sut y gellid defnyddio'r gronfa o tua £75,000 y flwyddyn. Byddai eich profiad o gynlluniau buddion cymunedol eraill hefyd yn werthfawr o ran yr hyn yr ydych yn teimlo sy'n gweithio a'r hyn nad yw'n gweithio. Rhannwch eich barn â ni yma heddiw, neu drwy'r ffurflen adborth.

Y camau nesaf

Yn dilyn yr ymgysylltu cynnar hwn, byddwn yn adolygu ac yn gwerthuso'r adborth a dderbyniwyd ar y prosiect arfaethedig, y Budd Cymunedol a'r cyfleoedd a nodwyd i ddefnyddio trydan dros ben.

Bydd yr adborth hwn yn helpu i lunio ein cynigion wrth symud ymlaen, gan ein galluogi i lunio ein cynlluniau manwl yn barod i'w cyflwyno i'r gymuned mewn ail gam o'r ymgynghoriad yn ddiweddarach yn y flwyddyn.

Amserlen



Cysylltwch â ni

Gallwch gysylltu â thîm y prosiect drwy:

- 📞 01685 701254
- ✉ rhymneygreenhub@convatec.com
- ✉ Freepost GRASSHOPPER CONSULT (nid oes angen stamp na chyfeiriad ychwanegol)

Cyflwynwch eich sylwadau ymgysylltu cynnar erbyn 16 Gorffennaf.

Bydd y manylion cyswllt hyn yn eich rhoi mewn cysylltiad â Grasshopper, sy'n rheoli'r ymgynghoriad gyda'r tîm yn Convatec.

Diolch am eich amser heddiw.
Rydym yn edrych ymlaen at glywed gennych.