

PANEL GWEITHREDU HINSAWDD CYNGOR TREF MACHYNLLETH

CLIMATE ACTION PANEL OF MACHYNLLETH TOWN COUNCIL

Gwysir chi i fynychu cyfarfod o Banel Gweithredu Hinsawdd Cyngor Tref Machynlleth yn ystafell John Edwards ar **Ddydd Mercher, Mai 3ydd** am 5.30yh.

You are summoned to attend a meeting of the Climate Action Panel of Machynlleth Town Council in the John Edwards Room on **Wednesday 3rd of May** at 5:30pm.

Agenda	
1.	<p><u>YMDDIHEURIADAU / APOLOGIES</u></p> <p>I dderbyn ymddiheuriadau fel y cawsant eu adrodd i'r Clerc cyn y cyfarfod.</p> <p>To receive apologies as reported to the Clerk before the meeting.</p>
2.	<p><u>DATGANIAD O FUDDIANT / DECLARATION OF INTEREST</u></p> <p>I dderbyn unrhyw ddatganiad o fuddiant / To receive any declarations of interest.</p>
3.	<p><u>MATERION EGNI / ENERGY MATTERS</u></p> <p>I dderbyn adroddiad ysgrifenedig gan y Clerc.</p> <p>To receive a written report from the Clerk.</p>
4.	<p><u>BIO AMRYWIAETH / BIO DIVERSITY</u></p> <ul style="list-style-type: none"> • Trefi Bee Friendly Towns • Dyletswydd adrodd ar Bioamrywiaeth a dycnwch Ecosystemau (Dyletswydd Adran 6) fel y'i amlinellwyd yn Deddf Amgylchfyd (Cymru) 2016 / Duty to report on Biodiversity and Resilience of Ecosystems (the Section 6 duty) set out in the Environment (Wales) Act 2016
5.	<p><u>HYFFORDDIANT I GYNGHORWYR A SWYDDOGION / STAFF AND OFFICER TRAINING</u></p> <p>To receive the attached information on training courses offered by Cynnal Cymru.</p> <p>To receive information from Councillor Ann MacGarry on the Climate and Nature Forum which will be held on 14th of June at the Pavilion, Llandrindod.</p>
6.	<p><u>MACHYNLLETH FEL CYMUNED HEB OLEW PALMWYDD / MACHYNLLETH AS A PALM OIL FREE COMMUNITY</u></p> <p>To receive the attached information from Councillor Ann MacGarry on Palm Oil.</p>
7.	<p><u>GOHEBIAETH PARTHED PWYNTIAU GWEFRU CERBYDAU TRYDAN / CORRESPONDENCE REGARDING EV CHARGING POINTS.</u></p> <p>To consider the attached correspondence.</p>
8.	<p><u>DYDDIAD Y CYFARFOD NESAF / DATE OF THE NEXT MEETING</u></p> <p>Penu dyddiad y cyfarfod nesaf / To set a date for the next meeting</p>

Committee	Climate Action Panel
Subject	Energy Matters
Date	03/05/23
Author	Town Clerk

Grant Application to replace boilers at the Plas.

An application has been submitted to the National Lottery People and Places fund to replace the boilers at the Plas with newer more efficient and reliable models and to implement other energy saving actions such as fit thermostatic valves to all radiators. The application (minus appendices) is attached for information.

PROPOSED PROJECT

To replace the outdated boilers at the Plas to better serve the community making it a better warmer space, and through increased efficiency of the boilers keep costs affordable for the community.

INTRODUCTION / HISTORY

Y Plas Machynlleth is a multi-purpose community space and very much the heart of Machynlleth. It was gifted to the town of Machynlleth on 2nd December 1948 when the keys were handed over to the Urban District Council. Since then the grounds have become home to Machynlleth Rugby and Football Clubs, Gerddi Bro Ddyfi, Memorial Gardens and Leisure Centre. After 1948 Y Plas itself was used for civic and community purposes as well as providing office space for commercial ventures. In 1995 Montgomeryshire District Council converted Y Plas into The Celtica Visitor Centre. Powys County Council took over Celtica and the house in 1997 when it was formed as a unitary authority in 1997. Celtica closed in March 2006 and the house stood empty while Powys County Council sought to relinquish responsibility for it. At this point, Machynlleth Town Council, realising that the town was in danger of losing the Plas House and grounds, which they saw as belonging to the community in the spirit of the 1948 bequest, consulted the local community and began discussions with Powys County Council with a view to taking over Y Plas. Machynlleth Town Council recognised the importance of preserving Community Facilities and the role that Y Plas House and grounds had in cementing the community bond. In 2007 Machynlleth Town Council provided subsidised community facilities at its Community Centre on Maengwyn street, originally a Drill Hall, with parts of the building dating back to 1910. The building was becoming increasingly unsuitable for most activities it housed with maintenance costs rising year on year. The proposal to the community was that they sold this building and invest the money into the exhibition space left empty by “Celtica” to provide a new community centre that would be affordable and accessible to all. On April 1st 2008 the keys were handed over and Y Plas became a Community Facility for Machynlleth to be proud of.

SITUATION TODAY

Machynlleth has a population of 2235, it is a small diverse community with a strong community spirit and active local community organisations and events.

The Plas is home to the Food Bank, Gerddi Bro Dyfi, Mach Maethlon, Eco Dyfi, Eginíad, Dyfi Fisheries all of which offer valuable services to the people of the Dyfi Valley, we have worked diligently over the years to support these community groups and provide a home for them.

The space is used by a range of Community Groups for drop-in advice sessions, training, wellbeing, youth groups, home education groups, Counselling services, Give Blood sessions and many other 3rd sector organisations.

Y Plas is available for use Monday – Friday 8am – 9pm and 8am – 5pm Saturday and Sundays. We offer free wifi connection. We are accessible.

Y Plas is an advertised Warm Space that can be accessed for free Monday – Friday 8am – 4pm and 10am-3pm Saturday,

Our overall objective is to provide a communal, affordable and inclusive space.

The Plas regularly hosts community groups with the community hall being in use every evening Monday to Friday, those groups alone have over 250 attendees weekly¹. There is still plenty of

¹ See Appendix A “mind map” diagram which includes a list of groups that utilise our community space.

availability for further use of the space². Our community survey has highlighted that warmer, more consistent heating of the building would help us increase the number of users and maximise use of the space³.

It is the biggest hall in the area with capacity for up to 250 people. As evidenced by a response to the community survey this is the only venue in Machynlleth that can host large funeral refreshments and thus provides a vital opportunity for the community to come together in a time of grief. Given that these teas are held on average every couple of months, this adds an average of another 125 users per month.

Increased utility costs mean that the increased bookings at the Plas are not resulting in any surplus to carry out necessary repairs and improvements. The increased use, from a wider selection of organisations and community groups, reflects the increased demand on them as a result of the current cost of living crisis.

The boilers at Y Plas are obsolete and inefficient which means running costs, therefore costs to the community are higher than they might otherwise be. Similarly, we are unable to provide the consistently warm spaces requested in our community survey. We have been told by the company who service our boilers that they could now fail at any time⁴.

In addition to an increase in utility bills we are facing a £5000 increase in business rates payable to Powys County Council in April. We are facing a set of challenges on an unprecedented scale. We are still recovering from the Covid -19 pandemic where we had severe losses due to the building being closed down. We worked hard throughout adapting and changing the way we worked within the guidelines. We became the venue for the mobile drive through testing unit working alongside Powys Teaching Health Board, this was a vital service provided in the most difficult of times.

OPTIONS APPRAISAL

An energy survey⁵ was conducted at the Plas in November 2019 and reported in January 2020 presenting a range of no cost, low and high capital cost recommendations.

The no and low capital cost improvements recommended have been implemented. Intermediate projects such as fitting secondary glazing are being investigated but the listed status of the building creates some obstacles to completing that work.

This report identified that a newer condensing boiler unit would likely increase the overall efficiency of the heating system by 10-15%, the situation is now more acute with one of the four boilers not working at all and having received quotes to replace the boiler, the engineers providing the quotes believe a new boiler will increase efficiency by 23-30%. Given that we spent around £20,000 on gas to heat the Plas last year this represents a significant lessening of costs which might otherwise have to be passed on to the end user - community groups.

The boilers here at Y Plas are beyond their economic life, they are inefficient and need replacing in order to reduce running costs and carbon emissions. We have spent £4977.60 so far this year on repairs and the most recent service has highlighted a further repair of boiler 2 with an estimated cost of £1000.

² See Appendix B spreadsheet showing hours where the Plas is underutilised – Green is times in use.

³ See Appendix C for a report on the community survey.

⁴ See Appendix D for email confirmation.

⁵ Sustainable Communities Wales "Resource Efficiency Report for Y Plas Machynlleth", January 2020.

Four separate quotes were sourced against the specification suggested by our heating engineer and they are attached. The cheapest of these came in at £38,900+VAT. Further works will be required to properly commission the control system £1100+VAT and fit thermostatic valves to all 105 radiators £14,400+VAT. We also investigated the possibility of a ground source heat pump, to further lower our carbon emissions⁶. We have decided to go with a traditional boiler on grounds of cost⁷ as well as the fact that the heat pump would likely be less effective given the age of the building and would still require a new boiler to be fitted to provide heat on cold days. A further benefit of the cheapest boiler quote is that it was provided by a local company (spending locally provides additional benefit to the community) with whom we already have a relationship and in whom we have confidence.

The report further identified that fitting photon voltaic solar panels would both reduce costs and improve the carbon footprint with regards to electric supply. Windfall the Mid Wales Community Energy Trust and Bro Ddyfi Community Renewables have both suggested they might provide grants towards the cost of installation. A business case for the improvement is currently been worked out and a solar panels project will provide added value to the investment in new boilers.

TIME SCALES

If the funding is secured, we would aim to complete the works in Summer 2023 to ensure minimum disruption to the community groups and individuals who use the Plas.

HOW OUR PROJECT ADDRESSES THE PROGRAMME PRIORITIES

We support people, communities and organisations that are facing increased demands and challenges as a direct result of the cost of living crisis by:

- We provide a regular meeting room to POBL who provide cost of living support and advice and are seeing increased demands on their services as a direct result of the current crisis.
- Mums matter meet in our Vane Tempest room. This group provides advice and support to new mums and a free creche facility whilst the mothers access the service. Their response to our community survey highlighted that increasing demands mean they would like to utilise the larger space provided by the Hall but that the current heating system does not allow the space to be effectively heated to the temperature they require.

The Plas supports people, communities and organisations with the direct and indirect impact of the cost-of-living crisis by:

- Offering premises to the food bank at a peppercorn rent. This has resulted in the distribution of over 200 food parcels in the last 12 months.
- Giving premises to Gerddi Bro Ddyfi at a peppercorn rent allowing them to provide a therapeutic community wildlife garden for all people in the Bro Ddyfi area. They offer inclusive gardening drop-in sessions and free public workshops. These provides some respite for those at risk of social exclusion and opportunities for the community to come together at no financial cost to members of the community.
- providing a base for Mach Maethlon who grow food in public spaces around the town which is available to the public free of charge.

⁶ Appendix E – Quotes and Options.

⁷ £38,900 vs £110,000

- We provide a space for groups that help with weight loss thus improving physical and mental wellbeing and promoting healthy eating on a budget.
- By keeping hire costs down, we help youth and community groups such as the scouts, a karate class and a stage school to provide affordable quality of life improving activities for young people in Machynlleth.
- Likewise, a dyslexic support service utilises rooms at the Plas and will face increasing costs if we are unable to mitigate rising utility costs.

The Plas and the Town Council are experiencing current cash flow problems resulting from losses or short term liquidity challenges as a direct result of rising utility costs and the broader inflationary pressures that have combined to create the cost of living crisis. The only options to continue providing the community support outlined in this application would be to increase charges to end users or to again increase the precept – both of which would only further increase cost of living pressures on residents of Machynlleth and the Dyfi Valley.

IMPACT STATEMENT

Through consulting our current users, they have told us that without Y Plas they could NOT run their classes as there is not a venue of similar size and access within the area. Replacing the outdated boiler will provide an improved facility for users. The aim is to ensure that the building can continue to be a focal point for community facilities including space for education wellbeing and community classes rental space for community groups as well as a facility for entertainment and conferences

GAP ANALYSIS

If the boilers were to fail then the Plas would likely be forced to close as a community facility. The 259 weekly users identified in our user survey along with the extra 125 monthly users who attend occasional events such as funeral teas have already stated that there is no other suitable venue in the town. This is because no other venue can host such large groups and no other venue is open as late as the Plas.

This would effect the physical and mental wellbeing of those who access support through the Plas or who attend social events and community groups. Further consequences are outlined in the attached mind map.

The Welsh Blood service would also have no base for the 576 quarterly appointments it currently provides from the Plas to collect blood donations.

CURRENT FINANCIAL SITUATION

Audit Wales expects Town and Community Councils to hold between 3 and 12 months of expenditure as a general reserve. Machynlleth Town Council had £97,529 in general reserves in April 2022, total spending for the financial year 2021-22 was £325,121 and at this level of spending the Council would be expected to hold a minimum of £108,374 in reserves. We now hold £107,956 in bank accounts, £17,850 of which is in an earmarked fund leaving only £90,106 in general reserves. It would therefore not be permissible for the Council to fund the boiler replacement out of reserves.

Increasing the precept to fund the boiler replacement is the only other option for the Council, however given that we have had to increase the precept by 43.6% for 2023-24 purely to fund already identified liabilities and cost increases, this option is theoretical rather than practical and would likely increase cost of living pressures on residents of Machynlleth.

Committee	Climate Action Panel
Subject	Bio Diversity
Date	03/05/23
Author	Town Clerk

The Council has complied with its duty to report on Bio Diversity and Resilience of Ecosystems under section 6 of the Environment (Wales) Act 2016. The list of Councils who have fulfilled their duty can be viewed online¹.

The Clerk convened a meeting of interested parties to collate information for a Bee Friendly Towns application and it became apparent in the meeting that there was a Welsh scheme and the one we had considered applying to was very London centric. The application form for acknowledgement under the Welsh scheme is partially complete with one or two contributors from the meeting still to add their contributions. It is attached for information and as a work in progress.

¹ <https://www.biodiversitywales.org.uk/Biodiversity-Duty-Reporting>

BEE FRIENDLY THEMES

DESCRIBE THE ACTIONS YOU ARE TAKING AND WHEN AND WHERE THEY ARE TAKING PLACE	DESCRIBE HOW YOU PLAN TO MONITOR AND REPORT ON THE IMPACT OF THESE ACTIONS
<p>FOOD Provide pollinatorfriendly food sources in your area</p> <p>The Town Council will:</p> <ul style="list-style-type: none"> • leave the area around the stone circle on the Plas grounds un-mowed in order to protect bio diversity. • support “No Mow May” by finding areas on path verges that can safely be left to flower. • use social media and put up signage to explain its land management e.g. mowing. • Use native pollinator friendly flowers when filling its planters. • Support tenants such as Gerddi Bro Ddyfi and Mach Maethlon who provide gardens, fruit trees and wildflower areas on parts of the Plas grounds. <p>Local community growing groups (Gerddi Bro Dyfi, Mach Maethlon, Gelli Deg, Tir Coed) will:</p> <ul style="list-style-type: none"> • Leave beneficial plants and weeds to flower before cutting back and communicate the benefits of this through signage and discussions with the public; • Convert one of the food growing beds into an exemplar pollinator bed (Near the police station); • Encourage bed guardians to plant pollinator friendly plants in the adopted beds around the town; • Run workshops at the primary school on pollinator friendly planting and work with the groundskeepers and the gardening club to provide nectar rich habitat on the school campus • Give out welsh wildflower seed packs to school children and residential groups <p>Local community growing groups (Gerddi Bro Dyfi, Mach Maethlon, Gelli Deg, Tir Coed) will:</p> <ul style="list-style-type: none"> • Create solitary bee hotels at Mach Maethlon managed sites & Bro Dyfi Community Gardens. • Run bee house making workshops at schools with Bee Ambassadors and site aroundf the campus. • Run bee house cleaning workshop at sites where houses have been sited. 	<p>The Town Clerk will:</p> <ul style="list-style-type: none"> • Report regularly on grounds management to the facilities committee • Provide photographic evidence on a before and after basis both to the Committee and on social media channels. <p>The local community growing groups will:</p> <ul style="list-style-type: none"> • run a workshop surveying pollinators and habitats at the primary campus and potentially also at the plas. • Keep photographic records of before and after planting schemes and management <ul style="list-style-type: none"> • Provide interpretation in public spaces to publicise why areas are left unmown etc (as above)

FIVE STAR ACCOMMODATION

Giving places for insect pollinators to live

<p>FREEDOM (FROM PESTICIDES AND HERBICIDES)</p> <p>Avoiding chemicals that harm pollinators</p>	<p>The Town Council will:</p> <ul style="list-style-type: none"> • Work with allotment holders to encourage them to manage Council allotments organically. • Only use pesticides where absolutely necessary (eg Japanese Knotweed). <p>Local community growing groups (Gerddi Bro Dyfi, Mach Maethlon, Gelli Deg, Tir Coed) will:</p> <ul style="list-style-type: none"> • Are committed to avoiding all use of pesticides and herbicides on their sites. 	<p>The Town Clerk will</p> <ul style="list-style-type: none"> • Produce a new allotments policy and report to the Facilities Committee on its progress and adoption.
<p>FUN</p> <p>Involving all the community</p>	<ul style="list-style-type: none"> • Mach Maethlon in partnership with Ysgol Bro Hyddgen have nominated 21 Bee Champions age 8-10 to take part in pollinator friendly project workshops at the junior school. • Plan a Bee themed carnival float at the Machynlleth carnival in July (funding and collaboration dependent) • Have a pollinator stand at the Mach Maethlon Harvest Festival in September 	
<p>FUTURE</p> <p>What commitments are you making for future years?</p>	<p>The Town Council will:</p> <ul style="list-style-type: none"> • Consider running a bee friendly garden competition 	

PLEASE EMAIL YOUR COMPLETED APPLICATION FORM TO:

natureconservation@gov.wales

OR POST TO:

Bee Friendly
 Biodiversity and Nature Conservation Branch
 Welsh Government
 Rhodfa Padarn
 Llanbadarn Fawr
 Aberystwyth
 SY23 3UR

FW: 🦋 FW: NATURE WISE - ECO LITERACY COURSE (MOONDANCE) NABOD NATUR - CWRYS ECO-LLYTHRENNEDD
4 messages

Tracy Gilmartin <tgilmartin@onevoicewales.wales>
To: Tracy Gilmartin <tgilmartin@onevoicewales.wales>

Thu, Apr 20, 2023 at 12:18 PM

Ar gael ar gyfer Cyngorau Cymuned a Thref! / Available to Community and Town Councils!

Ydych chi'n aelod o grŵp cymunedol neu fudiad gwirfoddol?

A hoffech chi gymryd rhan mewn rhaglen, am ddim, i helpu gwarchod ac adfer natur? Os hoffech wneud, efallai bod y cwrs hwn i chi!

Mae'r cwrs hyfforddiant Nabod Natur – Nature Wise a ddarperir gan Cynnal Cymru – Sustain Wales, yn eich hyfforddi ynghylch y ffordd y mae'r amgylchedd naturiol yn gweithio, y bygythiadau y mae'n wynebu a sut y gall bawb helpu natur i ffynnu.

Diolch i gyllid oddi wrth Moondance Foundation, yr ydym yn gallu cynnig ein cwrs eco-lythrennedd Nabod Natur trwy y iaith Gymreig. Bydd y cwrs yn canolbwyntio'n benodol ar y ffordd y gall gweithredu ymarferol fod o fudd i natur. **Rydym yn cynnig llefydd di-dâl** i staff, gwirfoddolwyr neu aelodau mudiadau gwirfoddol a grwpiau cymunedol rhwng mis Ebrill 2023 ag Awst 2023.

Bydd y pecyn cyfathrebu hwn yn cynnwys popeth sydd angen arnoch chi i helpu hyrwyddo'r cyrsiau di-dâl yn eich cymuned.

Gweler linc yma am wybodaeth bellach os gwelwch yn dda.

Are you a member of a community group or voluntary organisation ?

Would you like to take part in a free programme to help protect and restore nature? Then this course could be for you!

The Nabod Natur – Nature Wise training programme from Cynnal Cymru – Sustain Wales, teaches you about how the natural environment works, the threats it faces, and how we can all help nature thrive.

Thanks to funding from the Moondance foundation, we are **offering FREE places** on our Nature Wise Eco-literacy course. Between April – August 2023 we will be offering regular online courses both in English and Welsh.

The communications pack will give you everything you need to help promote the free courses to your community.

Further information is available at: Free online eco-literacy courses to help community groups to respond to the nature crisis – Cynnal Cymru – Sustain Wales

Dyddiadau Cwrs

Ymrwymiad y cwrs (5 awr)

Dim ond pump awr bydd angen arnoch os am gymryd rhan – **dwyr sesiwn arlein** a gynhelir yn ystod yr un wythnos, a hynny fel arfer ar ddydd Mawrth a dydd Iau.

Bydd tystysgrifau yn cael eu dyrannu i'r ymgeiswyr sy'n gorffen y cwrs yn llwyddiannus.

Course Dates

Course Commitment (5 hours)

You'll need just five hours to take part, centred on **two online sessions** held during the same week, held on a Tuesday and a Thursday or a Monday and Wednesday depending on the dates you select.

On successful completion of both session you will be awarded a certificate.

Cwrs / Course	Sesiwn 1 / Session 1 – 2.5 awr / Hrs	Sesiwn 2 / Session 2 – 2.5 Awr / Hrs
1	2.5.23 10am – 12:30pm (English)	4.5.23 10am – 12:30pm (English)
2	3.5.23 10am – 12:30pm (Cymraeg)	5.5.23 10am – 12:30pm (Cymraeg)
3	16.5.23 10am – 12:30pm (Cymraeg)	18.5.23 10am – 12:30pm (Cymraeg)
4	5.6.23 1:30 – 4pm (English)	7.6.23 1:30 – 4pm (English)
5	13.6.23 10am – 12:30pm (Cymraeg)	15.6.23 10am – 12:30pm (Cymraeg)
6	20.6.23 10am – 12:30pm (English)	22.6.23 2023 10am – 12:30pm (English)
7	4.7.23 10am – 12:30pm (Cymraeg)	6.7.23 10am – 12:30pm (Cymraeg)
8	11.7.23 10am – 12:30pm (English)	13.7.23 10am-12:30pm (English)
9	25.7.23 10am – 12:30pm (English)	27.7.23 10am – 12:30pm (English)

Sut y galla i archebu lle?

Gallwch archebu lle drwy lenwi'r ffurflen hon www.ticketsource.co.uk/cynnalcymru
neu gysylltu â training@cynnalcymru.com

How do I register?

Please **register your free place via Ticketsource.**

For any other enquiries, please email training@cynnalcymru.com

Places are limited, so we are aiming to allocate places as fairly as possible.

<https://cynnalcymru.com/free-eco-literacy-for-community-groups/> (English)

<https://cynnalcymru.com/cyrsiau-eco-llythrennedd-ar-lein-am-ddim-i-helpu-unigolion-a-grwpiau-cymunedol-ymateb-ir-argyfwng-ym-myd-natur/?lang=cy> (Cymraeg)

Tom Kirton

Training and Communications Officer

Please note that I work a four day week Monday-Thursday.

Os gwelwch yn dda noder rydw i'n gweithio Dydd Llun-Dydd Iau.

Cynnal Cymru – Sustain Wales

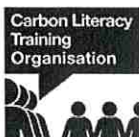
sbarc|spark | Maindy Road | Cardiff | CF24 4HQ

Telephone | Ffôn: 029 2294 0810

Direct Phone Line | Llinell Ffôn Uniongyrchol: 029 2278 9248

www.cynnalcymru.com @cynnalcymru


www.livingwage.wales @livingwagewales




Cynnal Cymru - Sustain Wales yw prif sefydliad datblygu cynaliadwy Cymru (ers 2002). Rydym yn sefydliad dielw. Cwmni cofrestredig 4622047 | Elusen gofrestredig 1158496

Cynnal Cymru - Sustain Wales is Wales' leading Sustainable Development organisation (est.2002). We are not-for-profit. Registered company 4622047 | Registered charity 1158496

2 attachments

 Nature Wise Comms Pack APRIL 23 ENGLISH.docx
1401K

 Nature Wise Comms Pack EBRILL 23 Cymraeg.docx
1412K

Fri, Apr 21, 2023 at 12:11 PM

[Quoted text hidden]

Sat, Apr 22, 2023 at 10:25 AM

and

[Quoted text hidden]

Sat, Apr 22, 2023 at 3:45 PM

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2 attachments



CYNNAL | SUSTAIN
CYMRU | WALES



NABOD | NATURE NATUR | WISE

Eco-llythrennedd i Adfer Natur

Cyrsiau eco-llythrennedd ar-lein am ddim i helpu unigolion a grwpiau cymunedol ymateb i'r argyfwng ym myd natur

Pecyn Cyfathrebu – Ebrill 2023



Ydych chi'n aelod o grŵp cymunedol neu fudiad gwirfoddol?

A hoffech chi gymryd rhan mewn rhaglen, am ddim, i helpu gwarchod ac adfer natur? Os hoffech wneud, efallai bod y cwrs hwn i chi!

Mae'r cwrs hyfforddiant Nabod Natur – Nature Wise a ddarperir gan Cynnal Cymru – Sustain Wales, yn eich hyfforddi ynghylch y ffordd y mae'r amgylchedd naturiol yn gweithio, y bygythiadau y mae'n wynebu a sut y gall bawb helpu natur i ffynnu.

Diolch i gyllid oddi wrth [Moondance Foundation](#), yr ydym yn gallu cynnig ein cwrs eco-lythrennedd Nabod Natur trwy y iaith Gymreig. Bydd y cwrs yn canolbwyntio'n benodol ar y ffordd y gall gweithredu ymarferol fod o fudd i natur.

Rydym yn cynnig llefydd di-dâl i staff, gwirfoddolwyr neu aelodau mudiadau gwirfoddol a grwpiau cymunedol rhwng mis Ebrill 2023 ag Awst 2023.

Bydd y pecyn cyfathrebu hwn yn cynnwys popeth sydd angen arnoch chi i helpu hyrwyddo'r cysiau di-dâl yn eich cymuned.

Gweler [linc yma](#) am wybodaeth bellach os gwelwch yn dda.

Pwy yw Cynnal Cymru?

Cynnal Cymru yw elusen datblygu cynaliadwy mwyaf blaenllaw Cymru. Yr ydym yn cefnogi unigolion a sefydliadau o'r sectorau cyhoeddus, preifat a gwirfoddol i ddeall sut a phaham y gallant weithredu ar gyfer dyfodol cynaliadwy. Mae ein cenhedlaeth yn cynnwys creu dysgu hyblyg a fforddiadwy er mwyn cyflymu gweithredu ac effeithio ar y materion datblygu cynaliadwy mwyaf brys.

Mwy am y cwrs Nabod Natur – Nature Wise

Mae Nabod Natur yn gwrs sy'n canolbwyntio ar weithredu, ac a seilir ar wyddoniaeth, i'ch helpu chi ddeall y berthynas rhwng pobl a systemau naturiol. Mae'n rhannu gwybodaeth, yn adeiladu dealltwriaeth a darparu'r offer i ysgogi a chataleiddio gweithredu.





Cwestiynau Cyffredin

Ar gyfer pwy y mae'r cwrs Eco-llythrennedd Nabod Natur?

Bwriedir y cwrs eco-llythrennedd Nabod Natur ar gyfer:

- Grwpiau cymunedol neu fudiadau gwirfoddol ledled Gymru
- Gall unrhyw aelod o staff, gwirfoddolwr neu ymddiriedolwr mudiad gwirfoddol neu grŵp cymunedol gofrestru. Mae cynghorwyr tref a chymuned o'r ardaloedd hyn hefyd yn gymwys.

Beth fydda i'n dysgu?

Bydd eich cwrs eco-llythrennedd Nabod Natur yn eich helpu chi fod yn fwy gwybodus ac hyderus ynghylch helpu taclo'r argyfwng natur ar eich stepen drws, a thu hwnt. Mae rhan o'r cwrs yn cynnwys datblygu cynllun gweithredu ar gyfer natur yn seiliedig ar yr hyn y byddwch wedi'i archwilio yn ystod y cwrs. Gall hyn fod ar gyfer eich bywyd personol neu eich grŵp/ mudiad.

Oes angen arna i unrhyw wybodaeth flaenorol am systemau natur?

Nag oes, mae'r cwrs byr hwn yn agored i bawb. Nid oes angen unrhyw wybodaeth flaenorol.

Pryd bydd y cyrsiau yn cael eu cynnal?

Byddwn yn cynnal cyrsiau rheolaidd rhwng Ebrill ag Awst 2023.

Dim ond pump awr bydd angen arnoch os am gymryd rhan – dwy sesiwn arlein a gynhelir yn ystod yr un wythnos, a hynny fel arfer ar ddydd Mawrth a dydd Iau.

Beth os na allaf fynychu ar y diwrnodau hynny?

Rhaid ichi fynychu'r ddwy sesiwn i gwblhau'r cwrs. Os nad ydych ar gael ar yr amseroedd a hysbysebir, ond yn dal am wneud y cwrs, cysylltwch â ni os gwelwch yn dda, a byddwn yn ychwanegu'ch enw at restr am gwrs a gynhelir ar amser arall.

Beth os yw fy ngrŵp cyfan am wneud y cwrs?

Os oes gennych grŵp o ddeg person neu fwy sydd am wneud y cwrs, cysylltwch â ni os gwelwch yn dda a byddwn yn ymchwilio i'r posibilrwydd o gynnal cwrs ar wahân ar adeg sy'n eich siwtio chi.

A fydda i'n derbyn tystysgrif?

Byddwch, bydd tystysgrifau yn cael eu dyrannu i'r ymgeiswyr sy'n gorffen y cwrs yn llwyddiannus.



Sut y galla i archebu lle?

Gallwch archebu lle drwy lenwi'r ffurflen hon www.ticketsource.co.uk/cynnalcymru neu gysylltu â training@cynnalcymru.com



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Hyfforddiant eco-llythrennedd am
ddim i grwpiau cymunedol



Templad ebost / post blog

Hyfforddiant natur am ddim i grwpiau cymunedol yn Ne Cymru.

Mae Cynnal Cymru – Sustain Wales yn falch iawn o gynnig llefydd rhad-ag-am-ddim, ar eu cwrs Eco-llythrennedd Nabod Natur i un rhywun sy'n gweithio neu'n gwirfoddoli gyda grŵp cymunedol neu fudiad gwirfoddol.

Mae Nabod Natur - Nature Wise yn rhaglen hyfforddiant arlein sy'n eich dysgu sut y mae'r amgylchedd naturiol yn gweithio, y bygythiadau y mae'n wynebu a sut y gall bawb helpu natur i ffynnu.

Bydd cyfranogwyr yn dysgu am systemau naturiol, y pwysau arnynt a'r fframweithiau gweithredu. Byddant hefyd yn datblygu cynlluniau gweithredu ar gyfer eu hunain neu eu grwpiau, gan ddefnyddio eu gwybodaeth er budd bywyd gwyllt a chynefinoedd Cymru a thu hwnt.

Cynhelir 10 cwrs o fis Ebrill 2023 hyd at Awst 2023, a bydd y cyfranogwyr yn mynychu dwy sesiwn arlein, gyda chyfanswm ymrwymiad o 5 awr. Bydd y rhai sy'n cwblhau'r cwrs yn llwyddiannus yn derbyn tystysgrif.

Mae cyn-fynychwyr Nabod Natur o bob cefndir wedi dweud bod y cwrs wedi rhoi iddynt yr ysgogiad i gynnwys camau gweithredu adfer-natur yn eu bywydau dyddiol. Mae hefyd wedi rhoi yr hyder iddynt i rannu mewnwelediad a gwybodaeth ynghylch yr argyfwng natur gyda'r bobl o'u cwmpas. Roedd

Cynnal Cymru – Sustain Wales | www.cynnalcymru.com | training@cynnalcymru.com

Mae Nabod Natur yn gwrw eco-llythrennedd a ddatblygwyd gan Cynnal Cymru – Sustain Wales. Elusen gofrestredig
rhif 1158496



gwirfoddolwr o Lwybr Natur yr Hendy wedi esbonio bod y cwrs wedi “taflu goleuni ar, a rhoi iddi’r awydd am eirioli dros natur a chadwraeth”, tra bod Llysgennad Newid Hinsawdd Sefydliad y Merched wedi’i “chyffroi i rannu’r wybodaeth wych yma gyda’r aelodau, i’w hannog i fod yn fwy natur-gyfeillgar”.

Mae llefydd am ddim ar gael diolch i gyllid o’r [Moondance Foundation](#)



Esiamplau o bostiadau cyfryngau cymdeithasol

Mae hyfforddiant natur, am ddim, nawr ar gael i grwpiau cymunedol neu trydydd sector wedi'i gyllido gan Gronfa @MoondanceFdn

Mae Nabod Natur - Nature Wise yn rhaglen hyfforddiant arlein gan @CynnalCymru sy'n eich dysgu sut y mae'r amgylchedd naturiol yn gweithio, y bygythiadau y mae'n wynebu a sut y gall bawb helpu natur i ffynnu.

Darganfyddwch ragor yn:

#NabodNatur #NatureWise

Am weithredu i warchod ac adfer natur?

Os yr ydych yn rhan o grŵp cymunedol neu trydydd sector efallai eich bod yn gymwys i gofrestru am le am ddim ar y cwrs hyfforddiant eco-llythrennedd Nabod Natur - Nature Wise, ariannu gan Gronfa @MoondanceFdn

Maer cwrs arlein yn cael ei ddarparu gan @CynnalCymru ac yn cynnwys dwy sesiwn dros dri diwrnod. O gwblhau'r cwrs yn llwyddiannus, byddwch y derbyn tystysgrif.

Dysgwch fwy a chofrestrwch [yma](#)

#NabodNatur #NatureWise #Ecollythrennedd #EcoLiteracy #Training #Hyfforddiant

Tagiwch ni yn eich postiau gan ddefnyddio'r dolenni canlynol:

Instagram - @cynnalcymru

Twitter - @cynnalcymru

LinkedIn - @cynnalcymru



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Eco-literacy for Nature Recovery

Free online eco-literacy courses to help community groups to respond to the nature crisis.

Communications Pack – March 2023



Are you a member of a community group or voluntary organisation ?

Would you like to take part in a free programme to help protect and restore nature? Then this course could be for you!

The Nabod Natur – Nature Wise training programme from Cynnal Cymru – Sustain Wales, teaches you about how the natural environment works, the threats it faces, and how we can all help nature thrive.

Thanks to funding from the [Moondance foundation](#), we are offering FREE places on our Nature Wise Eco-literacy course. Between April – August 2023 we will be offering regular online courses both in English and Welsh.

The communications pack will give you everything you need to help promote the free courses to your community.

Further information is available at: [Free online eco-literacy courses to help community groups to respond to the nature crisis – Cynnal Cymru – Sustain Wales](#)

About Cynnal Cymru

Cynnal Cymru is the leading sustainable development charity in Wales. We support individuals and organisations from the public, private and voluntary sector to understand why and how they can take action for a sustainable future. Our mission is to create affordable, flexible learning to accelerate action and impact on the most urgent issues of sustainable development.

About Nabod Natur – Nature Wise

Nature Wise eco-literacy is a science-based, action-focused course to help you to understand the relationships between people and natural systems. It shares knowledge, builds understanding and provide the tools to motivate and catalyse action.



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FAQ

Who is the Nature Wise Eco-literacy course for?

The Nature Wise Eco-literacy course is for:

- Welsh community or voluntary organisation
- Any member of staff, volunteer or trustee for a voluntary organisation or community group can register. Town and community councillors in these areas are also eligible.

What will I learn?

Your Nature Wise eco-literacy course will help you to become more knowledgeable and confident about helping to tackle the nature crisis both on your doorstep and further afield. Part of the course involves developing an action plan for nature based on what you will have explored during the course. This can be for your personal life or for your group/organisation.

Do I need to have any prior knowledge of nature systems?

Nature Wise is a short course for everyone. No previous knowledge is necessary.

When do the courses take place?

We will be running 9 courses between April 2023 to August 2023

You'll need just five hours to take part, centred on two online sessions held during the same week, usually on a Tuesday and a Thursday.

What if I cannot attend on those days?

You do need to attend both sessions to complete the course. If you are not available at the advertised times but would still like to do the course, please get in touch and we will add you to a list for a course scheduled outside these times.

What if my whole group wants to do the course?

If you have a group of 10 or more that would like to do the course, please get in touch and we can see if it is possible to arrange a separate course at a time to suit you.

Will I get a certificate?

Yes, certificates are awarded on successful completion of the course.

How do I book a place?

You can book by filling in this form www.ticketsource.co.uk/cynnalcymru or contacting training@cynnalcymru.com



CYNNAL | SUSTAIN
CYMRU | WALES



NABOD | NATURE
NATUR | WISE

Free eco-literacy training
for community groups



Template email / blog post

Free nature training for community groups

Cynnal Cymru – Sustain Wales are delighted to be offering free places on their Nature Wise Eco-literacy course to anyone who works or volunteers with a community group.

Nabod Natur - Nature Wise is an online learning programme which teaches how the natural environment works, the threats it faces, and how we can all help nature thrive.

Participants will learn how nature works and about the threats it faces. They will also develop action plans for themselves or their groups, using their knowledge for the benefit of wildlife and habitats.

10 courses will run from April 2023 to August 2023, with participants joining two online sessions with a total time commitment of 5 hours. Those successfully completing the course will be awarded a certificate.

Previous Nature Wise attendees from all walks of life have reported how the course has provided them with motivation to build nature-recovery actions into their daily lives. It also provides the confidence to share insights and knowledge about the nature crisis with those around them. A volunteer from Hendy Nature Trail explained how the course had given her “great insight and thirst for how I need to advocate for nature and conservation” whilst a WI Climate Change Ambassador was “excited to share all this wonderful knowledge with members to encourage them to be more nature-friendly”.

The free places are available thanks to funding from [Moondance Foundation](#).



Example social media posts

English

Free nature training is now available for community groups in South Wales funded by @MoondanceFdn !

Nabod Natur - Nature Wise is an online training programme by @CynnalCymru that teaches you about how the natural environment works, the threats it faces, and how we can all help nature thrive.

Find out more at:

#NatureWise

Free nature training is now available for community groups !

Would you like to take action to protect and restore nature? If you're part of a community group in

Want to take action to protect and restore nature?

If you're part of a community group you can now register for a free place on Nabod Natur - Nature Wise funded by @MoondanceFdn

The online course is run by @CynnalCymru and includes two sessions over three days. On successful completion of the course, you'll receive a certificate, as well as follow-up contact to help maintain progress.

Find out more and register here: [Free online eco-literacy courses to help community groups to respond to the nature crisis – Cynnal Cymru – Sustain Wales](#)

#NatureWise #EcoLiteracy #Training

Please tag us in posts using the following handles:

Instagram - @cynnalcymru

Twitter - @cynnalcymru

LinkedIn - @cynnalcymru

Palm Oil Scorecard



© James Morgan / WWF-International

1. What is palm oil?

It's an edible vegetable oil that comes from the fruit of oil palm trees, the scientific name is *Elaeis guineensis*. Two types of oil can be produced; crude palm oil comes from squeezing the fleshy fruit, and palm kernel oil which comes from crushing the kernel, or the stone in the middle of the fruit. Oil palm trees are native to Africa but were brought to South-East Asia just over 100 years ago as an ornamental tree crop. Now, Indonesia and Malaysia make up over 85% of global supply but there are 42 other countries that also produce palm oil.

2. What products is it in?

Palm oil is in nearly everything – it's in close to 50% of the packaged products we find in supermarkets, everything from pizza, doughnuts and chocolate, to deodorant, shampoo, toothpaste and lipstick. It's also used in animal feed and as a biofuel in many parts of the world (not in the UK though!).

3. Why is palm oil everywhere?

Palm oil is an extremely versatile oil that has many different properties and functions that makes it so useful and so widely used. It is semi-solid at room temperature so can keep spreads spreadable; it is resistant to oxidation so can give products a longer shelf-life; it's stable at high temperatures so helps to give fried products a crispy and crunchy texture; and it's also odourless and colourless so doesn't alter the look or smell of food products. In Asian and African countries, palm oil is used widely as a cooking oil, just like we might use sunflower or olive oil here in the UK.

As well as being versatile, compared to other vegetable oils the oil palm is a very efficient crop, able to produce high quantities of oil over small areas of land, almost all year round. This makes it an attractive crop for growers and smallholders, who can rely on the steady income that palm oil provides.

4. What is the problem with palm oil?

Palm oil has been and continues to be a major driver of deforestation of some of the world's most biodiverse forests, destroying the habitat of already endangered species like the Orangutan, pygmy elephant and Sumatran rhino. This forest loss coupled with conversion of carbon rich peat soils are throwing out millions of tonnes of greenhouse gases into the atmosphere and contributing to climate change. There also remains some exploitation of workers and child labour. These are serious issues that the whole palm oil sector needs to step up to address because it doesn't have to be this way.



© WWF-US/Des Syafriza

5. What solutions are there?

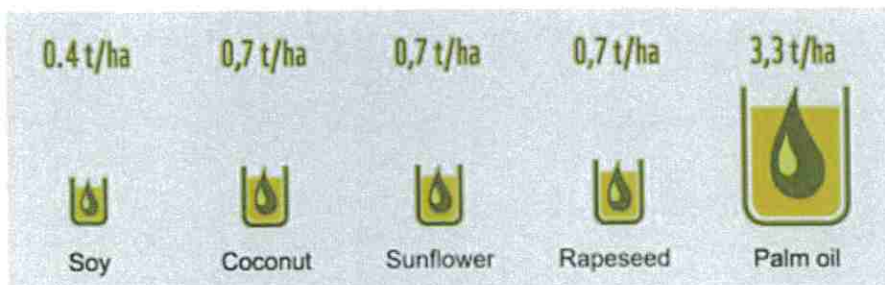
Palm oil can be produced more sustainably and there is a role for companies, governments, and consumers to play. The [Roundtable on Sustainable Palm Oil](#) or RSPO was formed in 2004 in response to increasing concerns about the impacts palm oil was having on the environment and on society. The RSPO has production standards for growers that set best practices for producing and sourcing palm oil, and it has the buy-in of most of the global industry. RSPO encourage companies to:

- Set robust policies to remove deforestation, conversion of other natural ecosystems, such as peatlands, and human rights abuses from their supply chains
- Buy and use RSPO certified palm oil across their operations globally
- Be transparent in their use and sourcing of palm oil ensuring they know who they are buying from and where it's been produced

It is important that the palm oil industry continues to invest in and grow support for smallholder programmes and sustainable landscape initiatives. WWF is also working with governments in both palm oil using and palm oil producing countries to make sure that national laws are in place to ensure that any palm oil traded is free of deforestation, conversion and exploitation.



Comparison of global oil yields by crop plant Oil yields in tonnes per hectare (t/ha)



6. Why don't we just switch to an alternative vegetable oil?

Palm oil is an incredibly efficient crop, producing more oil per land area than any other equivalent vegetable oil crop. Globally, palm oil supplies 40% of the world's vegetable oil demand on just under 6% of the land used to produce all vegetable oils. To get the same amount of alternative oils like soybean, coconut, or sunflower oil you would need anything between 4 and 10 times more land, which would just shift the

problem to other parts of the world and threaten other habitats, species and communities. Furthermore, there are millions of smallholder farmers who depend on producing palm oil for their livelihoods. Boycotting palm oil is not the answer. Instead, we need to demand more action to tackle the issues and go further and faster.



© Suzie Hubbard / WWF-UK

7. Can I trust RSPO certified products?

The RSPO is the global standard for the sustainable production of palm oil. When palm oil is produced in adherence to RSPO standards, growers help to protect the environment and the local communities who depend on the crop for their livelihoods, so that palm oil can continue to play a key role in food security, economic development, and food supply chains. We should continue to use RSPO certified sustainable palm oil in products, as replacing it would result in more deforestation and natural habitat conversion. RSPO certified products that use palm oil from 'Segregated' or 'Identity Preserved' supply chains offer the greatest assurance of sustainable palm oil.

Along with other organisations, WWF plays an active role in influencing and shaping the RSPO standard to make sure it puts in place more safeguards for people and the planet. In November 2018, the RSPO standard was strengthened and it now represents an essential tool that can help companies achieve their commitments to palm oil that is free of deforestation, conversion of other natural habitats like peatlands, and the exploitation of people.

8. What is being done in the UK?

In 2012, the UK Government recognised that we were part of the palm oil problem and could also be part of the solution. They set a commitment for 100% of the palm oil used in the UK to be from sustainable sources that don't harm nature or people. In 2019, 70% of the total palm oil imports to the UK were sustainable. This is great progress but there is more to be done to get to 100%.

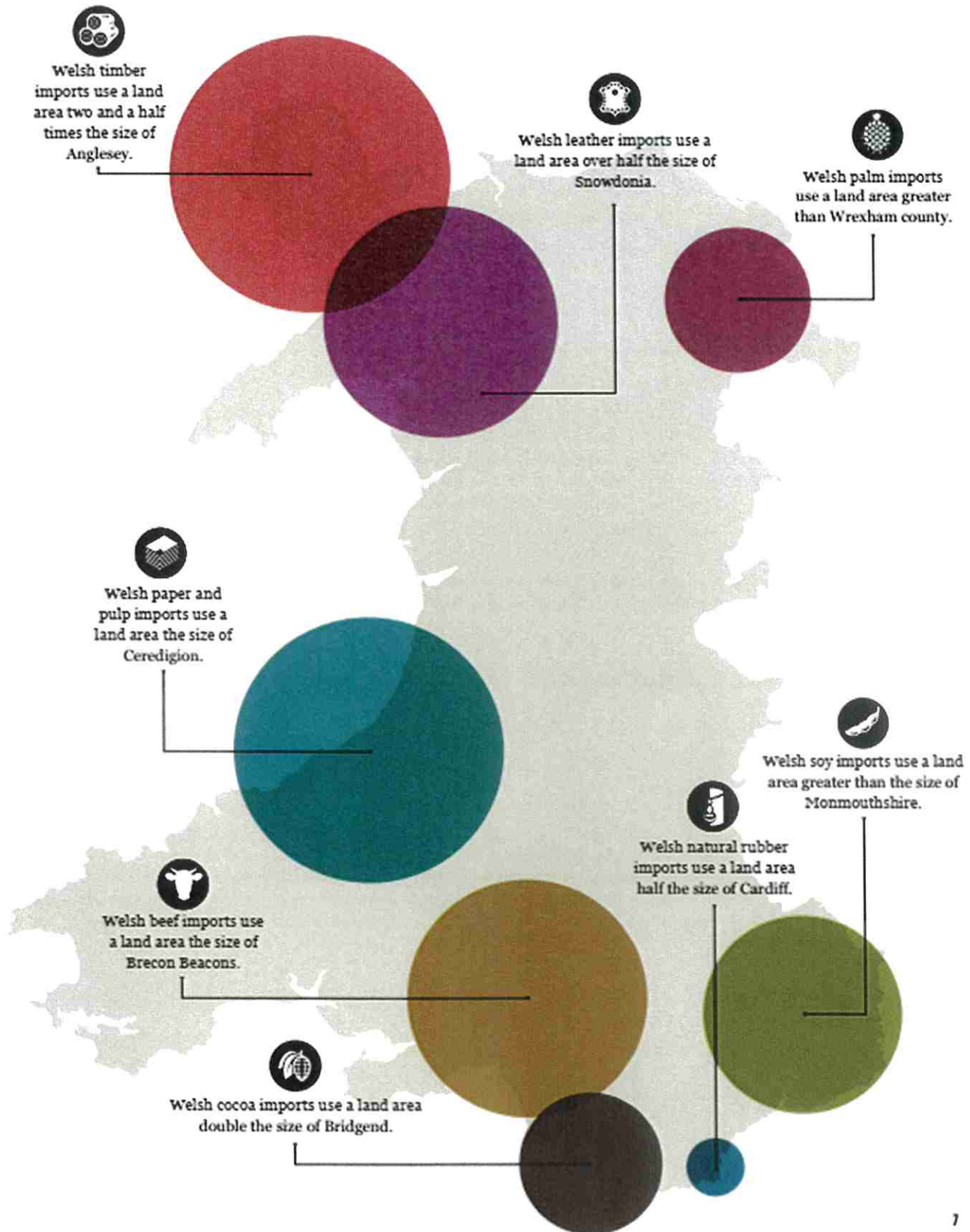
An area that represents a substantial gap in the uptake of certified sustainable palm is the use of palm-derived ingredients in animal feed – for chickens, pigs and cows, for example. Much of this palm oil material is unlikely to be certified. This area requires much stronger transparency and ambition from the UK industry, and is going to be critical over the coming years if we are to truly tackle the UK's palm oil footprint.

What can I do?

The best thing we can do is support sustainable palm oil and avoid boycotts, since we know substitutions with other vegetable oils can lead to even further environmental and social harm.

Check out our new [WWF Palm Oil Buyers Scorecard](#) to see which brands and retailers are committed to sustainable palm oil free of deforestation and destruction of nature.

Wales a deforestation free nation –



Wales is using an area half its size to produce these products as well as timber, paper and rubber. You can see here that Wales uses an area overseas the size of Monmouth to produce soy. An area the size of Brecon for the beef we import and an area the size of Wrexham for the palm oil.

<https://www.bbc.co.uk/news/uk-wales-56185205>

Feb 2021

The Welsh Government said tackling deforestation was "vital".

A report, compiled by WWF Cymru, RSPB Cymru and Size of Wales, calls for action to limit the amount of goods being imported into Wales linked to deforestation.

The campaigners want the next Welsh Government to make changes to public procurement rules, to stop school and hospital canteens serving up dishes containing certain products.

The report warns there are risks of sparking further pandemics, as wild animals are forced into closer contact with humans and livestock due to deforestation.

Barbara Davies Quy, of Size of Wales, said a forest the size of a rugby pitch was being lost every two seconds in a bid to produce products such as palm oil, soy, timber, coffee, cacao and beef.

"All of these products are imported into Wales and may end up in the food and drink we consume every day," she said.

"We're all part of a deforestation economy."

So how could it happen?

The campaigners want to see Welsh ministers urge the UK government to push ahead with plans [in its new environment bill](#) to ban firms from selling certain goods in the UK if they have been grown on land that breaches local laws on protecting forests

In the report, put forward ahead of this year's Senedd election, the charities also call for the Welsh Government to go a step further to become a world leader in tackling climate change.

The report calls on ministers not to give grants to businesses unless they commit to using deforestation-free supply chains, and for a new local and sustainable food strategy to be introduced, with farmers incentivised to move away from using imported soy to feed their livestock.

Rhys Evans, of RSPB Cymru, said people might not realise that over 80% of the soy sent to the UK was used for animal feed.

He said the Welsh Government had any opportunity to support ways of working that "reduce reliance on external inputs" during its review of farming subsidies post-Brexit.

"We [also] need a food system that both drives and rewards local, sustainable farm to fork supply chains and prioritises only sustainable goods from overseas to support livelihoods at home and abroad," he said.

MTC Town Clerk

From: Ross Holman <ross@char.gy>
Sent: 24 April 2023 13:14
To: MTC Town Clerk
Subject: Machynlleth Town Council - Fully Funded EV Charging Point Scheme - On Street Trial
Attachments: cp01_datasheet_2020_v1 2.pdf; cp02_datasheet_2020_v1.pdf; cp03_datasheet_2020_v1.pdf; Chargy-Night-Saver.pdf; Partner-with-chargy.pdf

Good Afternoon Dewi,

Pleasure speaking with you this morning.

We would like the opportunity to explore how the local authority can work with char. gy to install charging points throughout the borough.

This model can provide your communities without driveways the equality, choice and ability to consider switching to a cleaner vehicle choice and improve public health and the environment. We also provide a guaranteed long-term income from hosting our network, enabling other projects to lift off the ground. We are also committed to the social value aspects of the partnership, in which we can provide the authority with an officer to engage with school and community programmes.

All our funding comes from the central Government Charging Infrastructure investment fund (CIIF £420m) via our investors Zouk Capital, which is far easier to access than making applications to Levi or ORCS funding. Please find the following link, which gives you an outline of the fund - <https://www.gov.uk/government/publications/charging-infrastructure-investment-fund>.

I was hoping to schedule a meeting to discuss an innovation project we could roll out through your community and speak in more detail about our technology.

Please let me know your thoughts on this.

I look forward to hearing back from you.

Kind Regards

Ross Holman

07843802388

char.gy

Making public charging stations ubiquitous so people with on-street parking can buy electric vehicles.

CP01 Datasheet

The char.gy CP01 is an electric vehicle charging point which is suitable for installation on street lampposts or to be wall mounted.

With its sleek compact design, the CP01 is perfect for discrete on-street infrastructure or for private car parks at residential developments or workplaces.

The CP01 allows for mode 3 charging via a type 2 connector compatible with all electric vehicles. Charging at 7.36kWh or 32A which charges your car on average 30 miles per every hour on charge.

You will be able to connect to your charge point via our app or website, or an approved OCPP compliant backend system. They are configured and managed remotely so can be set to appear on either our public map or a private network. Although originally designed for lampposts, the CP01 can be installed anywhere.

The CP01 adheres to current standard BS EN 61851-1 for electric vehicle charging points.

Key Features

- ✓ Designed to be mounted on a lamppost or wall
- ✓ Compact - 383mm x 197mm x 199mm
- ✓ Up to 7.36kWh or 32A charging
- ✓ Standard Type 2 socket
- ✓ Plug is locked in socket while in use
- ✓ Complemented by the Char.gy app or website, or an OCPP backend
- ✓ Remote management and configuration
- ✓ Market leading warranty of 5 years

Warranty

All char.gy hardware is covered by our 5 Year Warranty when installed correctly in line with the char.gy installation guide.

Any hardware failure should be promptly reported to us via e-mail to hello@char.gy quoting the serial number, location of the product, and giving a brief description of the failure.

Our support team will investigate and attempt to remotely resolve the issue. If the issue cannot be resolved remotely, and the product is in warranty, we will make arrangements for one of our team to visit the location and, if the issue is a result of any shortcoming in design or manufacture it will be made good free of charge or, at our option, exchanged for a replacement product.

If we attend site, and the fault is not a result of a shortcoming in design or manufacture of our product, we will make reasonable attempts to suggest what the issue is, and propose a resolution which may have a fee associated with it. A call out fee will be applicable where our product is not at fault.



Specification

Dimensions	383mm x 197mm x 199mm
Shipping weight	5kg
Standard colour	Black - other RAL K7 colours are available
Outlet socket	1x Type 2 EV socket (BS EN 61851-1)
Input voltage	230v
Input current	32A 50Hz
AC charging output	7.36kWh
Standby power consumption	4Wh
Over current and safety protection	1x 32A 30mA type B RCBO
Environmental protection	IP55
Control	'Mode 3' SELV DC & PWM control signalling, Conforming to ISO/IEC 61851-1 Annex B, validated by Nissan, Renault, Ford, BMW, PSA and Mitsubishi
Wireless communications	GPRS Cellular Data Network Radio Equipment Directive
Network communications protocol	TCP/IP 2 way communication on with secure central server, Full 'handshake' between charging post and server.
Network security	HTTPS, 128 bit encryption
Operating temperature	-30°C to +50°C
Operating humidity	5% to 95%
EMC compliance	BS EN 61000-6-1 and BS EN 61000-6-3 (Electromagnetic Compatibility Regulations 2006)
Safety compliance	Electrical Equipment Safety Regulations 1994
CE marking	In accordance with EC Directive 768/2008/EC
OCPP	version 1.6 compliant
Pay as you go service	Yes
Warranty	5 Years Minimum

Limitation of Liability

In no event will we accept any liability for any loss, costs or damage consequential on the use and/or misuse of our hardware products, vandalism, accidental or intentional damage, except and only to the extent that this is caused by our negligence.

Contact Us

Char.gy Limited
60-62 Commercial Street
London
United Kingdom
E1 6LT

Support: hello@char.gy
Sales: sales@char.gy
Website: <https://char.gy>
LinkedIn: www.linkedin.com/company/char.gy
Twitter: https://twitter.com/char_gy



easy everyday charging
where you need it

Night Saver.

Charge from just 29p/kWh

Drive for less than 10p per mile

Available from December 2022



Introducing...

Night Saver.

from char.gy

Electricity isn't one price throughout the day. It's typically cheaper overnight and very expensive in the early evening.

So, to help with the cost of living crisis and high electricity prices, we've changed our tariff. Now drivers can take advantage of lower electricity prices late at night.

See how our **Night Saver** rates can help you control your charging costs and support a better energy future.



1 Our new rates*

Night - 29p/kWh

Applies from midnight to 7am

Day - 65p/kWh

Applies from 7am to midnight

*Prices include 20% VAT

2 Drive for less than 10p per mile

This table shows how to manage your charging to keep your driving cost under 10p/mile.

Charge	kWh	Start	Total cost	Per mile	Average p/kWh	Mileage
Small	20	23:30	£6.75	8.4p		80
Medium	35	22:30	£13.01	9.3p		140
Large	50	21:30	£19.27	9.6p		200

Assumes a standard 5.3kW lampost charger and 4 miles / kWh vehicle efficiency

3 The bigger picture

Everyone benefits when drivers do more of their charging late at night:

- ✓ **Better energy security** because more EV energy demand happens at times of low national electricity demand
- ✓ **Greater carbon reductions** because our electricity system can make better use of renewable energy and need less gas and coal



Let's talk.
Visit char.gy
Call 0800 086 9606

easy everyday charging
where you need it

CP02 Datasheet

The char.gy CP02 is an electric vehicle charging point suitable for installation on residential streets and parking lots.

With its robust design, the CP02 is perfect for car parks which require a free-standing solution or for developments which a high volume of usage.

The CP02 allows for mode 3 charging via a type 2 connector compatible with all electric vehicles.

Charging at 7.36kWh or 32A single phase which charges your car on average 30 miles per every hour on charge.

The char.gy app or website, or an OCPP compliant backend, is required to use these units. They are configured and managed remotely and can be set to appear on either our public map or a private network.

The CP02 adheres to current standard BS EN 61851-1 for electric vehicle charging points.

Key Features

- ✓ Designed to be mounted on in a NAL 115 Retention Socket
- ✓ Compact - 1298mm x 186mm
- ✓ Up to 7.36kWh or 32A charging
- ✓ Standard Type 2 socket
- ✓ Plug is locked in socket while in use
- ✓ Complemented by the Char.gy app or website, or an OCPP backend
- ✓ Remote management and configuration
- ✓ 5 Year market leading warranty

Warranty

All char.gy hardware is covered by our 5 Year Warranty when installed correctly in line with the char.gy installation guide.

Any hardware failure should be promptly reported to us via e-mail to hello@char.gy quoting the serial number, location of the product, and giving a brief description of the failure.

Our support team will investigate and attempt to remotely resolve the issue. If the issue cannot be resolved remotely, and the product is in warranty, we will make arrangements for one of our team to visit the location and, if the issue is a result of any shortcoming in design or manufacture it will be made good free of charge or, at our option, exchanged for a replacement product.

If we attend site, and the fault is not a result of a shortcoming in design or manufacture of our product, we will make reasonable attempts to suggest what the issue is, and propose a resolution which may have a fee associated with it. A call out fee will be applicable where our product is not at fault.



Specification

Dimensions	1467mm x 168.3mm x 186mm <i>(including root mount)</i>
Shipping weight	22.5kg
Standard colour	Black - other RAL K7 colours are available
Outlet socket	1x Type 2 EV socket (BS EN 61851-1)
Input voltage	230v single phase
Input current	32A 50Hz
AC charging output	7.36kWh
Standby power consumption	4Wh
Over current and safety protection	1x 32A 30mA type B RCBO
Environmental protection	IP55
Control	'Mode 3' SELV DC & PWM control signalling, Conforming to ISO/IEC 61851-1 Annex B, validated by Nissan, Renault, Ford, BMW, PSA and Mitsubishi
Wireless communications	GPRS Cellular Data Network Radio Equipment Directive
Network communications protocol	TCP/IP 2 way communication on with secure central server, Full 'handshake' between charging post and server.
Network security	HTTPS, 128 bit encryption
Operating temperature	-20°C to +40°C
Operating humidity	5% to 95%
EMC compliance	BS EN 61000-6-1 and BS EN 61000-6-3 (Electromagnetic Compatibility Regulations 2006)
Safety compliance	Electrical Equipment Safety Regulations 1994
CE marking	In accordance with EC Directive 768/2008/EC
Ocpp	version 1.6 compliant
Pay as you go service	Yes
Warranty	5 Years Minimum

Limitation of Liability

In no event will we accept any liability for any loss, costs or damage consequential on the use and/or misuse of our hardware products, vandalism, accidental or intentional damage, except and only to the extent that this is caused by our negligence.

Contact Us

Char.gy Limited
60-62 Commercial Street
London
United Kingdom
E1 6LT

Support: hello@char.gy
Sales: sales@char.gy
Website: <https://char.gy>
LinkedIn: www.linkedin.com/company/char.gy
Twitter: https://twitter.com/char_gy

CP03 Datasheet

The char.gy CP03 is an electric vehicle charging point suitable for installation on residential streets and parking lots.

With its robust design, the CP03 is perfect for car parks which require a free-standing solution or for developments which have a high volume of usage.

The CP03 allows for mode 3 charging via a type 2 connector compatible with all electric vehicles.

Charging at 22kWh or 32A three phase which charges your car on average 30 miles per every hour on charge.

The char.gy app or website, or an OCPP compliant backend, is required to use these units. They are configured and managed remotely and can be set to appear on either our public map or a private network.

The CP03 adheres to current standard BS EN 61851-1 for electric vehicle charging points.

Key Features

- ✓ Designed to be mounted on in a NAL 115 Retention Socket
- ✓ Compact - 1298mm x 186mm
- ✓ Up to 22kWh or 32A three phase charging
- ✓ Standard Type 2 socket
- ✓ Plug is locked in socket while in use
- ✓ Complemented by the Char.gy app or website, or an OCPP backend
- ✓ Remote management and configuration
- ✓ 5 Year market leading warranty

Warranty

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Specification

Dimensions	1467mm x 168.3mm x 186mm <i>(including root mount)</i>
Shipping weight	22.5kg
Standard colour	Black - other RAL K7 colours are available
Outlet socket	1x Type 2 EV socket (BS EN 61851-1)
Input voltage	230v three phase
Input current	32A 50Hz
AC charging output	22kWh
Standby power consumption	4Wh
Over current and safety protection	1x 32A 30mA three phase type B RCBO
Environmental protection	IP55
Control	'Mode 3' SELV DC & PWM control signalling, Conforming to ISO/IEC 61851-1 Annex B, validated by Nissan, Renault, Ford, BMW, PSA and Mitsubishi
Wireless communications	GPRS Cellular Data Network Radio Equipment Directive
Network communications protocol	TCP/IP 2 way communication on with secure central server, Full 'handshake' between charging post and server.
Network security	HTTPS, 128 bit encryption
Operating temperature	-20°C to +40°C
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EMC compliance	BS EN 61000-6-1 and BS EN 61000-6-3 (Electromagnetic Compatibility Regulations 2006)
Safety compliance	Electrical Equipment Safety Regulations 1994
CE marking	In accordance with EC Directive 768/2008/EC
OCPP	version 1.6 compliant
Pay as you go service	Yes
Warranty	5 Years Minimum

Limitation of Liability

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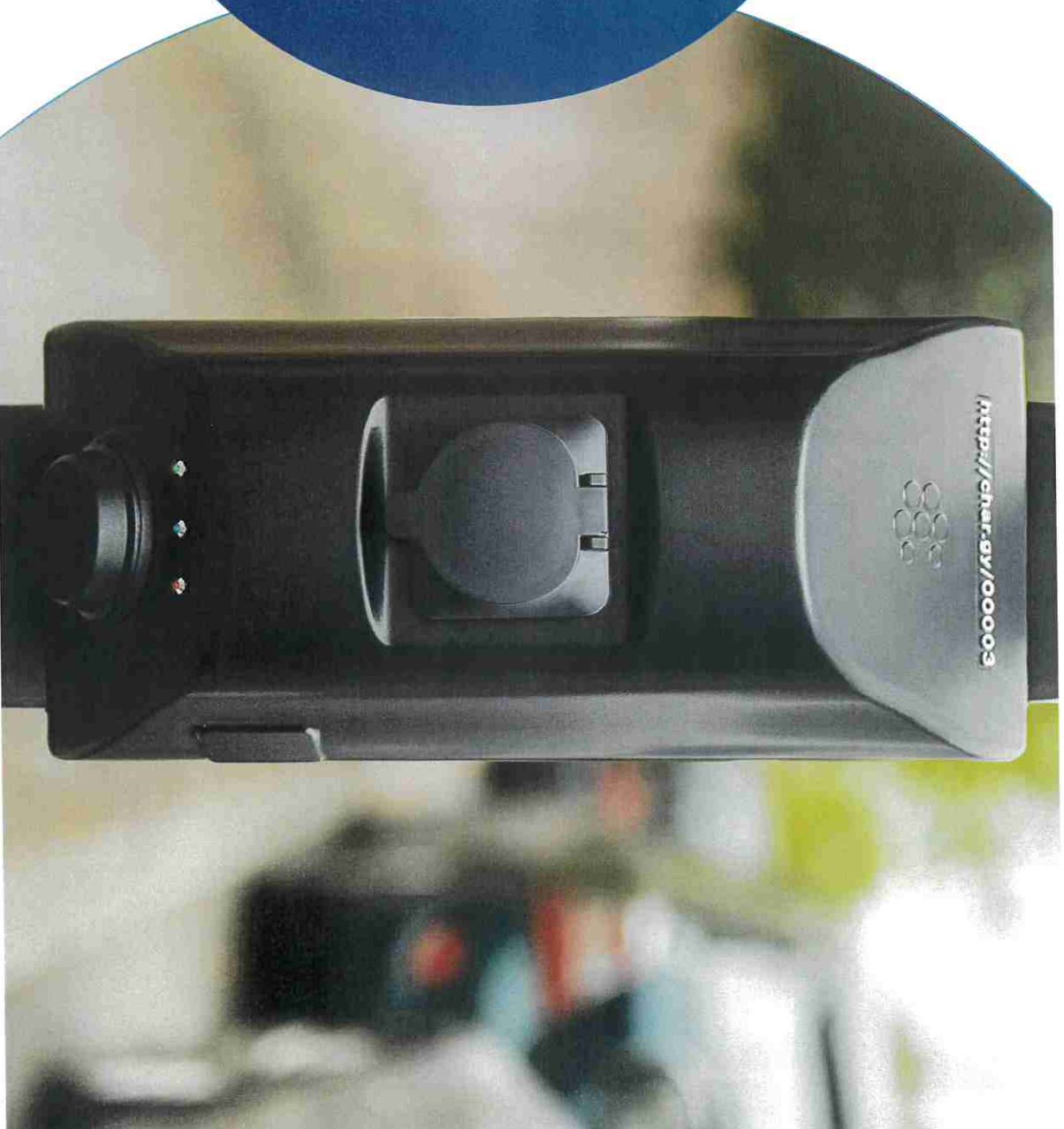


easy everyday charging
where you need it

licence char.gy

A faster way to install
EV charge points where and when
your residents need them.

Zero cost to you
Revenue share.
Reliable and easy to use.



A good problem to have.

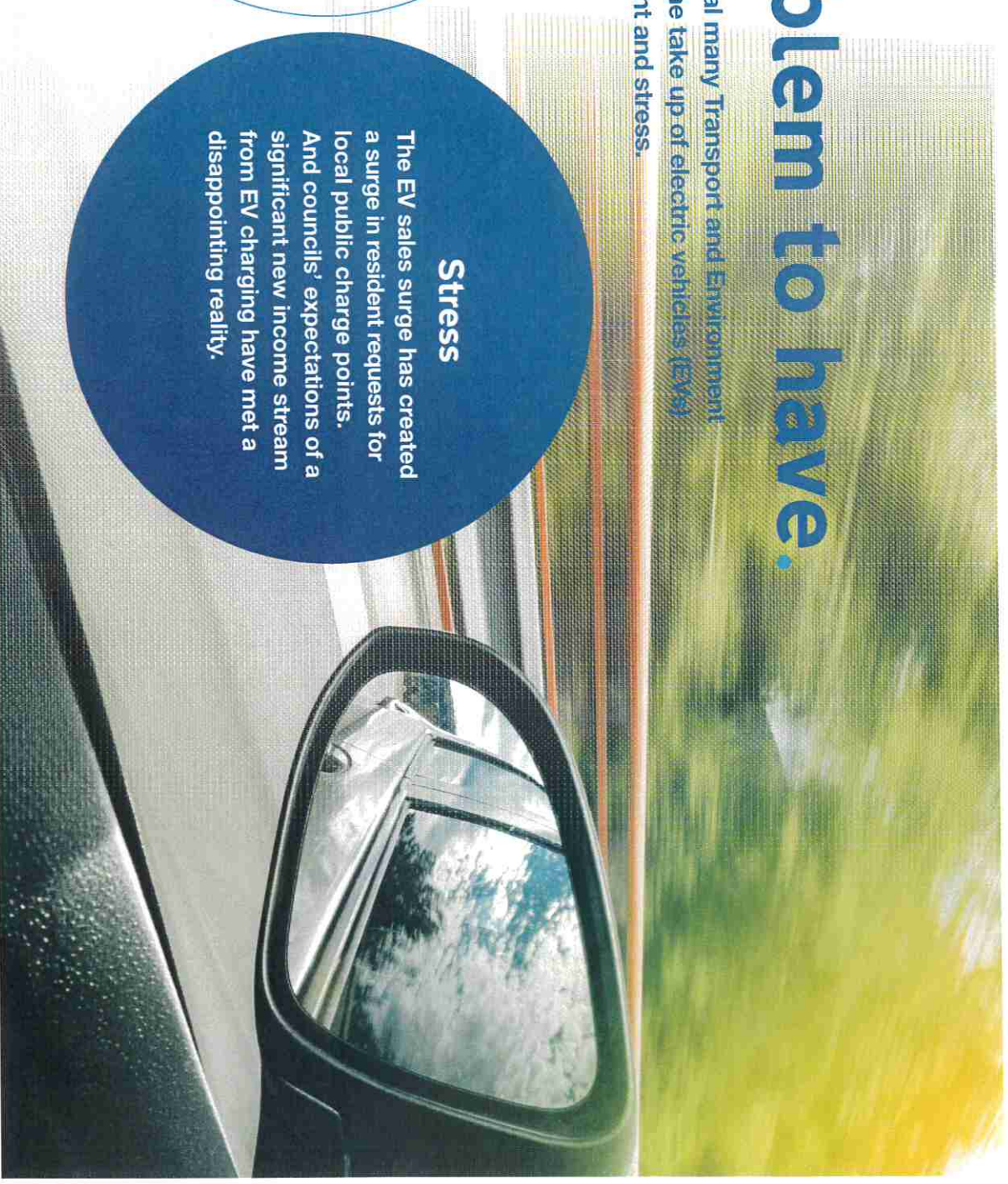
Our recent discussions with councils reveal many Transport and Environment officers are in a tricky spot. The surge in the take up of electric vehicles (EVs) by their residents is both a source of delight and stress.

Delight

The explosive growth of EV sales during 2021 – when more EVs were sold than the previous 5 years combined – provides air quality and climate change gains for the years ahead.

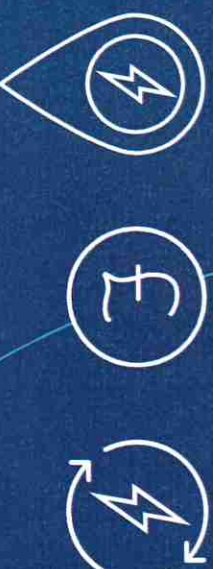
Stress

The EV sales surge has created a surge in resident requests for local public charge points. And councils' expectations of a significant new income stream from EV charging have met a disappointing reality.



How to solve it...

Introducing our 3-part strategy to enable councils to address residents' needs with charging infrastructure that delivers the greatest environmental gains while also providing a predictable and growing income stream for the council.





easy everyday charging
where you need it

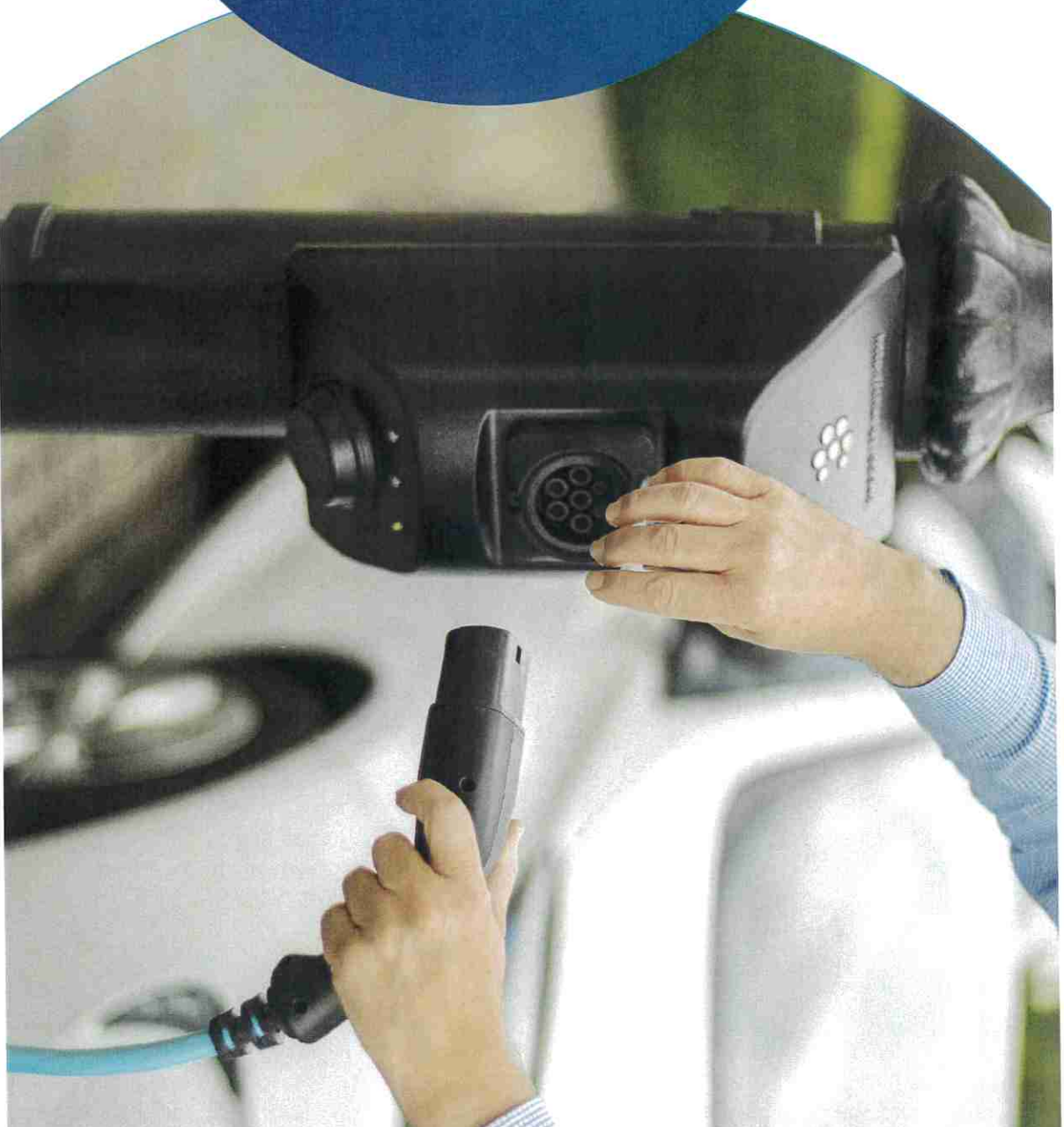
Become a partner.

You host the EV charge points,
we do everything else.

Zero cost to you.

Revenue share.

Reliable and easy to use.



A good partner.

We are a leading provider of public charging points.

We've proven our technology works with well over 1,000 installations in many different locations:

- ⊗ on-street
- ⊗ public car parks
- ⊗ housing developments.

We're well supported.

char.gy is backed by the Charging Infrastructure Investment Fund (CIIF).

The CIIF is 50:50 Government:Private fund that is investing £400m to help UK EV charging companies lead the way in developing the UK's public charging network.

**We'll make EV charging easy,
for you and your drivers.**



**+1,000 chargers installed
in many locations**
(that's 3% of all public chargers in the UK)



CROYDON



The
Regenda
Group



**Harrow
Council**

**Haringey
LONDON**



**inKALIMA
Kilwaughter**



**energía
dlr**



How we work together.

Let's help people charge where they park, at a fair price, and in a way that supports an increasingly renewable electricity grid.

We think that's the best way to build a better future, and this is how we'd like to work together to achieve it.



Our side:

- ✔ **Identify where,** when and how many charge points your community needs
- ✔ **Cover the investment** to install your charge points
- ✔ **Cover the costs** of maintaining and operating your charge points
- ✔ **Monitor when to grow** your network to keep up with demand
- ✔ **Provide you** with a share of the revenue from your charge points

Your side:

- ✔ **Lease us your space** to install charge points
- ✔ **No upfront investment** or ongoing running costs
- ✔ **A growing revenue** as your charge points are used more



It doesn't get any easier.

We manage all the technical detail and operational risks. You get the easiest path to offering your driver community the charging amenity they need for years to come.

Full control, better results.

Choosing char.gy means you're backed by a vertically integrated EV charging company that's in control of everything that matters in delivering a reliable, good value charging service for years to come.

These are the three most important factors.

1. Hardware.

We design and make the charge points we install. At our factory in Coventry, we build them to be durable, serviceable and upgradeable over their 15 year life. This helps control costs, ensure reliability, and keep up with changing regulations.

2. Software.

Our in-house developers create, maintain and update the OCPP-compliant software that operates our charge points. We have an exciting roadmap to keep improving the data-led insights our network provides for partners like you, and keep enhancing the experience for drivers as their expectations change.

3. Maintenance.

No one knows a product better than the people who built it. So, we employ our own technicians to maintain our charge points in the field. They carry out compliance checks and repairs if a component wears out. We feed these learnings from the field back into our product development.

We believe this model delivers the best outcome over the long term for partners and drivers.



Your charge points.

These are the charge points we'll install for you and how they work to provide a charging service that works for you and your drivers for years to come.

✔ **Plentiful.**

We'll fund as many charge points as feasible for your locations, because more charge points makes charging easier for drivers.

✔ **Convenient.**

Our backpack charger can be fitted to walls, poles and lampposts. Our bollard chargers can be fitted in the ground or on a hard floor. With chargers where your driver community already parks, plugging in is easy.

✔ **Versatile.**

Our chargers can connect to an existing electricity supply or a new supply. We can set them to operate from 3kW to 22kW to best deal with the local electricity supply constraints.

✔ **Future proof.**

We regularly update our charger's operating software to improve performance or offer new functionality. This happens remotely over the air, so you are unlikely to even notice most of the time.

✔ **Elegant and tough.**

Their sleek design and small physical footprint means our charge points fit in just about any location. There are no bright lights or noisy fans to annoy nearby residents. Their minimalist design also helps avoid vandalism.



The backpack



The bollard

The big one...

lifetime maintenance included.

Our charge points have proven their durability in the toughest environment: the street.

We're proud to back our commitment to a long-term partnership with you with 15 years all inclusive maintenance service. If something breaks, we'll fix it.

Your drivers won't be left with chargers that don't work. You won't be left with a bill to repair them.

**Ready to make everyday
charging easy for your
community of drivers?**

Let's talk.

Visit char.gy

Call 0800 086 9606



Join our growing EV charging network for a cleaner future.

Let's talk.

Visit char.gy

Call 0800 086 9606



easy everyday charging
where you need it

MTC Town Clerk

From: Ross Holman <ross@char.gy>
Sent: 12 January 2023 13:44
To: town-clerk@machynlleth-tc.gov.uk
Subject: Machynlleth Town Council - Fully Funded EV Charging Point Scheme
Attachments: cp01_datasheet_2020_v1 2.pdf; Chargy-Night-Saver.pdf; cp02_datasheet_2020_v1.pdf; cp03_datasheet_2020_v1.pdf; Partner-with-chargy.pdf; Licence-Chargy-proposition.pdf

Good Afternoon Dewi

Hope this email finds you well, do you need support building a EV charging network for your community?

At char.gy we provide EV charge points with 100% funding. We are backed by the government's Charging Infrastructure Investment Fund (CIIF), so have access to significant cash reserves to fully-fund EV charging network deployments UK wide.

We are building a network of EV charge points across the UK that are robust and reliable and easily retrofitted to your lamp post using existing infrastructure. Helping local authorities install at pace and scale.

With a lifetime guarantee as well as annual income, our charge points will charge up your community of drivers whilst also giving you 10% of the net revenue after power cost from the charge point at no cost to you.

We offer customer support through our partnership with the AA and have focused on making the driver facing experience of using our charge points as easy as possible.

I've attached some further information on our charge points and would love to discuss this with you further.

I hope you find this of interest and look forward to hearing any questions you may have.

Kind Regards

Ross Holman

07843802388

char.gy

Making public charging stations ubiquitous so people with on-street parking can buy electric vehicles.