

Town & Community Council Climate & Nature Event

The Pavilion, Llandrindod Wells

Wednesday 14th June 2023

CRYFACH *tecach* GWYRDDACH  STRONGER *fairer* GREENER



Powys

Brecon Town Council Climate Emergency Action Plan

Councillor Marie Matthews

Chair of the Environment & Events Committee

Councillor Rob Thomas

Vice Chair of the Planning, Guildhall and
Staffing Committee

CRYFACH *tecach* GWYRDDACH  STRONGER *fairer* GREENER



Powys

BRECON TOWN COUNCIL CLIMATE EMERGENCY ACTION PLAN



Cyngor Tref
Aberhonddu

Brecon
Town Council

	WORKSTREAM	What we are already doing to improve impact	What can be done to make further improvements	Likely Financial Cost implication/impact	Timeframe Short – 2022 - 2023 Medium – 2022 – 2027 Long – 2022 - 2032
LEADERSHIP/COMMUNITY STAKEHOLDER					
1	Declare Climate Emergency	Nov 2021		£	Short
2	Include Climate Emergency page on Brecon Town Council's website		Consider development of web page. Publish this report. Provide links to climate actions from other local organisations and other Town/Community Councils	£	Short
3	Work with other Authorities and Organisations to support Climate Change	Inviting relevant groups to present/inform. Supporting other initiatives.	Keep abreast of developments and future opportunities, events and initiatives. Obtain annual briefing from key organisations on the work of others and climate research.	£	Short
4	Refer to Climate Emergency and Renewable Energy measures when considering planning applications and projects undertaken	Already being done.	Ensure continuation and improvement of these considerations. Undertake training from planning authority on renewable tech and energy efficiency	£	Short



BRECON TOWN COUNCIL CLIMATE EMERGENCY ACTION PLAN



Cyngor Tref
Aberhonddu

Brecon
Town Council

	WORKSTREAM	What we are already doing to improve impact	What can be done to make further improvements	Likely Financial Cost implication/impact	Timeframe Short – 2022 - 2023 Medium – 2022 – 2027 Long – 2022 - 2032
5	Include Climate Change measures within Contractor compliance requirements	Have agreed specifics in some contracts e.g. use of greener products/no use of glyphosate.	Investigate options on future contracts as they renew.	£	Short
ENERGY EFFICIENCY					
4	Undertake carbon audit	Considered project by project presently. Record monthly meter readings and vehicle fuel use	Budget needed for formal carbon audit work in future years.	££	Short
5	Undertake audit of buildings to ascertain improvements	Completed and ongoing. Improvement measures implemented.	Continue work in future years. Promote works as example to others/prepare case study	£ - ££££	Medium
6	Purchase appliances with high energy efficiency rating when replacing	Low use of appliances. Replacement of energy efficient bulbs in progress.	Invest in longer lasting appliances and those that can be recycled. Ensure appliances are properly maintained	££	Medium
RENEWABLE ENERGY					
7	Consider installation of renewable energy measures on Council land and buildings	Rainwater harvesting in place at Prom toilets.	Consider installation of renewable energy options when new developments/repairs take place.	££££	Long



BRECON TOWN COUNCIL CLIMATE EMERGENCY ACTION PLAN



Cyngor Tref
Aberhonddu

Brecon
Town Council

	WORKSTREAM	What we are already doing to improve impact	What can be done to make further improvements	Likely Financial Cost implication/impact	Timeframe Short – 2022 - 2023 Medium – 2022 – 2027 Long – 2022 - 2032
			Consideration of new schemes such as hydro electrics when feasible. Undertake audit to identify potential projects in Brecon		
	TRANSPORT				
8	Engagement in active travel	Regular engagement taking place now via consultations. Referral to active travel when being consulted on planning applications.	Continue existing work and promote active travel options. Increase provision of secure bike storage	£	Short – Medium
9	Minimisation of travel via remote working and efficient mechanisms for staff / Councillor travel	Currently in place due to Covid requirements.	Continue use of virtual meeting/video conferencing where appropriate to business need. Promote car sharing.	£	Short
	CONSUMPTION				
10	Consider contractors policy in regard to zero to landfill		Include question on contractor questionnaire/request details with quotes provided.	£	Short

BRECON TOWN COUNCIL CLIMATE EMERGENCY ACTION PLAN



Cyngor Tref
Aberhonddu

Brecon
Town Council

	WORKSTREAM	What we are already doing to improve impact	What can be done to make further improvements	Likely Financial Cost implication/impact	Timeframe Short – 2022 - 2023 Medium – 2022 – 2027 Long – 2022 - 2032
11	Recycling wherever possible	Recycling provision at Guildhall. Not using single use plastic when possible.	Consider recycling facilities at parks and green spaces.	£	Short
12	Paperless solutions wherever possible	Agendas and supporting papers sent electronically. Emails used instead of letters.		£	Short
13	Monitoring of services usage and reduction	Meters read regularly and comparisons undertaken before entering new contracts for services.	Include contractors maintenance fuel use	£	Short
14	Review of all consumables for low carbon products and packaging (washing up liquid, bathroom soap, cleaning products, printer ink, batteries etc)	Choosing greener options where possible.	Check whether reduced packaging refills available		
	GREEN SPACES and PUBLIC AREA MANAGEMENT				
15	Review management arrangements	Using eco friendly weedkiller in 2022. Creating wildlife habitat: bat boxes/swift boxes/wood piles. Ecological audits.	Refer to Brecon 20:20 Action Plan. Work with other groups and organisations. Review site management plans to improve biodiversity. Consider electric tools when replacements	££	Short



BRECON TOWN COUNCIL CLIMATE EMERGENCY ACTION PLAN



Cyngor Tref
Aberhonddu

Brecon
Town Council

	WORKSTREAM	What we are already doing to improve impact	What can be done to make further improvements	Likely Financial Cost implication/impact	Timeframe Short – 2022 - 2023 Medium – 2022 – 2027 Long – 2022 - 2032
		Pollution preventative measures – River Usk.	required. Additional work for pollinators.		
16	Planting plans	Bee friendly pollinators planted. Wildlife packs for schools issued. Queens Green Canopy project.	Work to assist other groups and organisations. Island Fields project. Ensure the “right tree in the right place” approach	££	Medium
COMMUNITY ENGAGEMENT					
17	Council promotion of climate improvement measures	Promotion of schemes and projects on social media and in the press.		£	Short
18	Initiate Climate Emergency grant funding to support community initiatives		Consider budget for this in 2023/24.	££	Medium
19	Engage with 3 rd Sector service providers to determine what climate action support they require				
20	Engage with Brecon Business groups to determine what climate action support they require				
21	Provide good communication to Brecon residents on reasons for BTCs climate action works (e.g. reduced grass cutting)				
COUNCILLORS / EMPLOYEES / VOLUNTEERS					



BRECON TOWN COUNCIL CLIMATE EMERGENCY ACTION PLAN



Cyngor Tref
Aberhonddu

Brecon
Town Council

	WORKSTREAM	What we are already doing to improve impact	What can be done to make further improvements	Likely Financial Cost implication/impact	Timeframe Short – 2022 - 2023 Medium – 2022 – 2027 Long – 2022 - 2032
22	Promote alternative methods of travel to work	Many Councillors/Staff /Volunteers walk to work/meetings.	Encourage walking to work/meetings or car sharing where possible. Bike storage at/near guildhall	££	Medium
23	Publicise and promote achievements in reducing the Council's Carbon Footprint		Promote work and projects as appropriate.	£	Short
24	Provide climate action training to all Councillors				
25	Contact and collaborate with other Welsh T&C Councils/One Voice Wales				
WORKING WITH OTHER ORGANISATIONS					
26	Work with Brecon Climate Action Hub, Powys County Council, Brecon Beacons National Park Authority and other interested authorities and other organisations to collaborate efforts	Presentations invited to Council and Committees. Relevant meetings attended by representatives of Brecon Town Council.		£	Short - Medium



Carbon Audit – Brecon Town Council Buildings

2/3rd of the Carbon emissions are from the gas heating system in the Guildhall

Lion Yard Toilets consume almost as much electricity as the Guildhall

A typical Brecon home emits just over 5 tonnes of Co2e from domestic electricity, gas and road fuels. The emissions from BTC are equivalent to a little over 3 Brecon Homes

	Electric - kWh	Emission Factor	kgCo2e	Gas- kWh	Emissions Factor	KgCo2e	Petrol - km	Kg Co2	
Guildhall	12937	0.21233	2,746.91	54492	0.18438	10047.235			
Lion yard	11840	0.21233	2,513.99	0	0.18438				
Prom WC	1300	0.21233	276.03	0	0.18438				
Bandstand	10	0.21233	2.12	0	0.18438				
Fuel -PK Car							2813	323.495	
Total	26087		5,539.05	54492		10047.235		323.495	
TOTAL BTC Carbon emissions:						Kg Co2e	Tonnes		
						15,909.8	15.9		



Bannau
Brycheiniog

Powys Town & Community Councils

Dr Simone Lowthe-Thomas

Director of Nature Recovery
and Climate Change

Helen Roderick

Stakeholder
Manager

Liz Hutchins

Senior Policy Advisor





Sir Coerfyrddin
Carmarthenshire

Powys

Sir Fynwraig
Merionethshire

Sir Fynwraig
Merionethshire

Rhondda
Cynon Taf

Sir Fynwraig
Merionethshire

Blannau
Gwent

Sir Fynwraig
Merionethshire

Coerffyn
Caerphilly

Tafalpaen



Bannau
Brycheiniog

Purposes and duty of national parks

- **Purpose 1:** To conserve and enhance the natural beauty, wildlife and cultural heritage of the area.
- **Purpose 2:** To promote opportunities for the understanding and enjoyment of the special qualities of the National Park by the public.
- **Duty:** To seek to foster the social and economic wellbeing of the local communities within the National Park in pursuit of our purposes



Bannau
Brycheiniog

**“I want you to be
exemplars in response to
the climate and nature
emergency”**

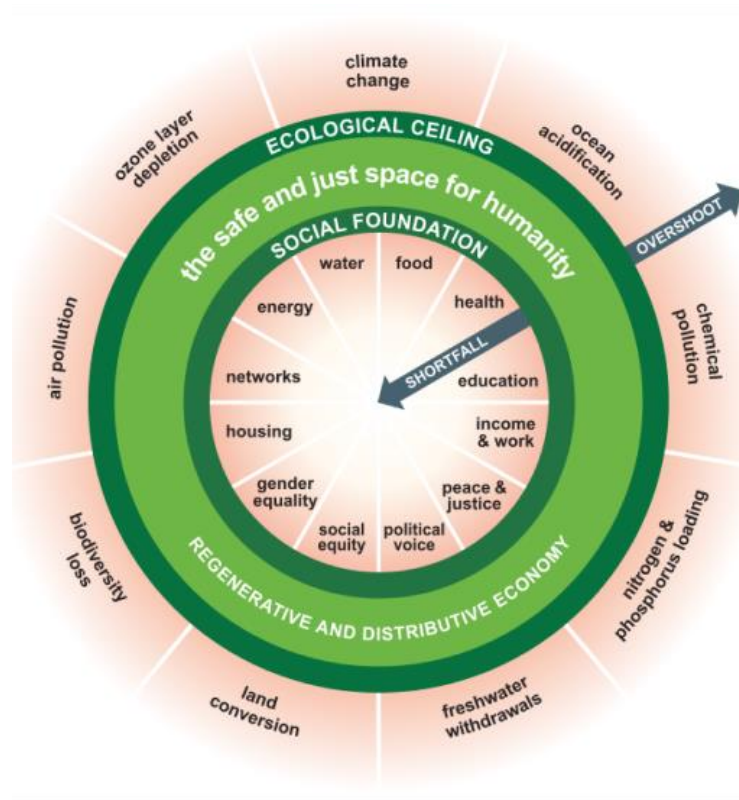
Julie James, Climate Change Minister



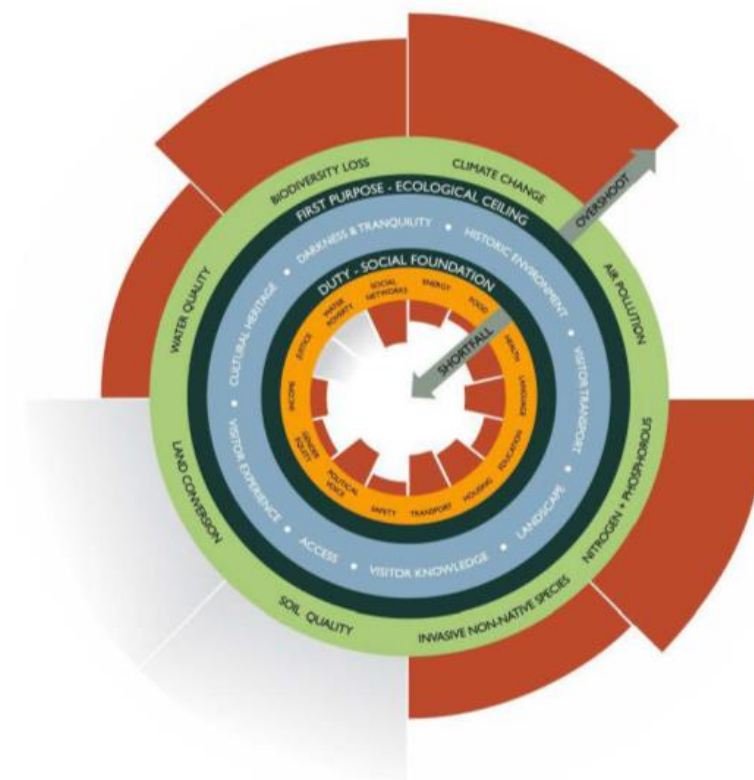
Llywodraeth Cymru
Welsh Government



Well-being of Future Generations Act



Doughnut Economics, Kate Raworth



Bannau Brycheiniog National Park Doughnut

Future Bannau

Consultation Process



Bannau
Brycheiniog

2

Spring 2021

Vision & Objectives

Eight week open consultation addressing emerging vision and objectives of the Management Plan. Presentation of options at a range of stakeholder events.

4

Winter 2021

Future Beacons Consultation

Twelve week consultation on draft Management Plan *Future Beacons*. Presentation of content at a range of stakeholder events, and written comments sought.

6

Summer 2022

Staff Involvement

Focused on the reworking of Future Beacons into this plan with staff and volunteers from the BBNPA. Involvement aimed at considering how the NPA could contribute to delivering the missions.

1

Summer 2020

Issues Identification

Targeted consultation with key stakeholders to review State of the Park data, identify issues and agree development of replacement Management Plan.

3

Summer 2021

Citizen & Stakeholder Engagement

Development of two key bodies for plan development - The Stakeholder reference panel comprising statutory bodies, and the Citizen Assembly comprised of self electing citizens. Both bodies take an active role in developing the plan.

5

Spring 2022

Policy Deep Dives

18 online workshops held looking at the form and content of Future Beacons Policy Objectives. Workshops attended by a range of participants from academia, statutory bodies, citizens and eNGOs.

7

Autumn 2022

Stakeholder Review

Further consultation with the Stakeholder Preference Panel and a range of other experts prior to finalising.

Climate

Reach net-zero greenhouse gas emissions across Bannau Brycheiniog National Park by 2035.

Water

Clean, safe, resilient, plentiful water resources and water environments by 2030.

Nature

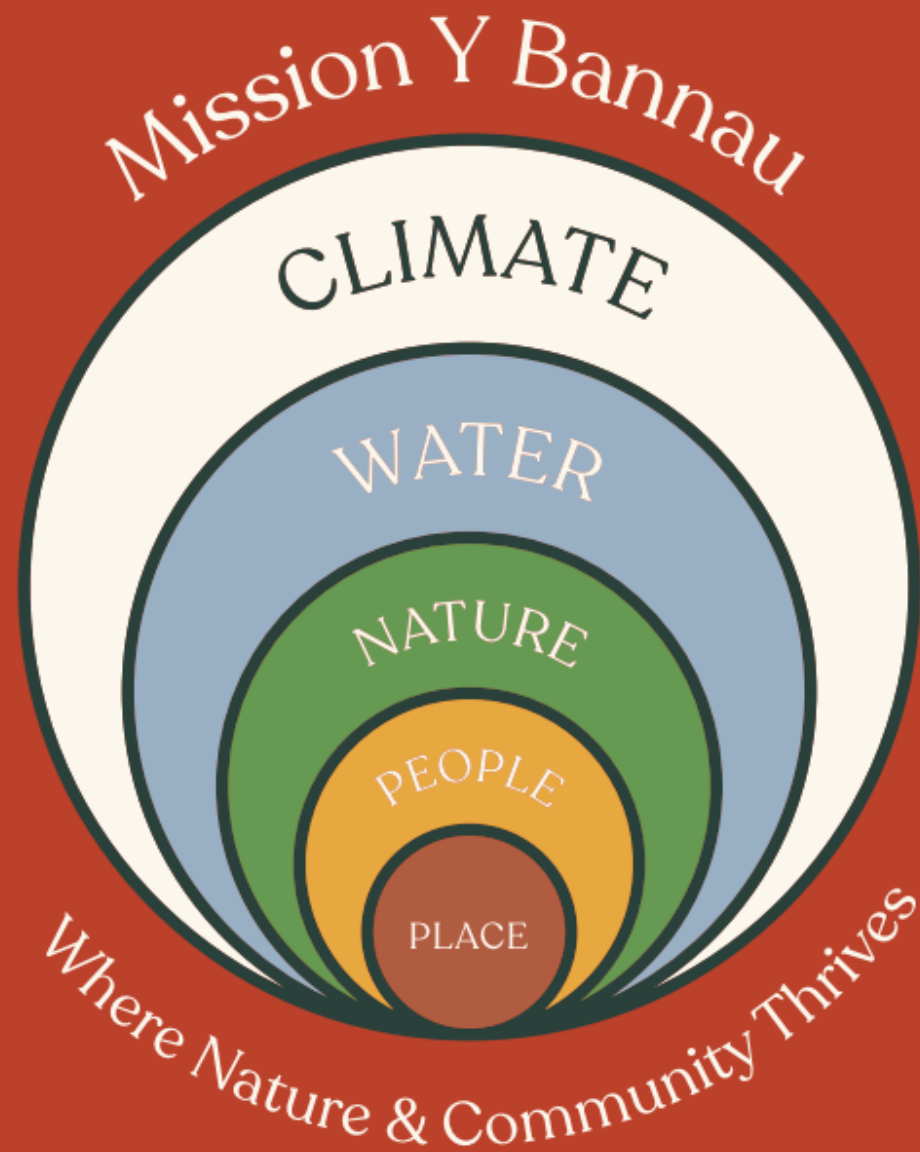
Nature positive Bannau Brycheiniog National Park by 2030.

People

Living, working, visiting safely, equitably and sustainably.

Place

Beautiful, thriving and sustainable places. Celebrated for their natural and cultural heritage, now and forever.





Climate Mission

Reach net-zero greenhouse gas emissions
across Bannau Brycheiniog National Park
by 2035

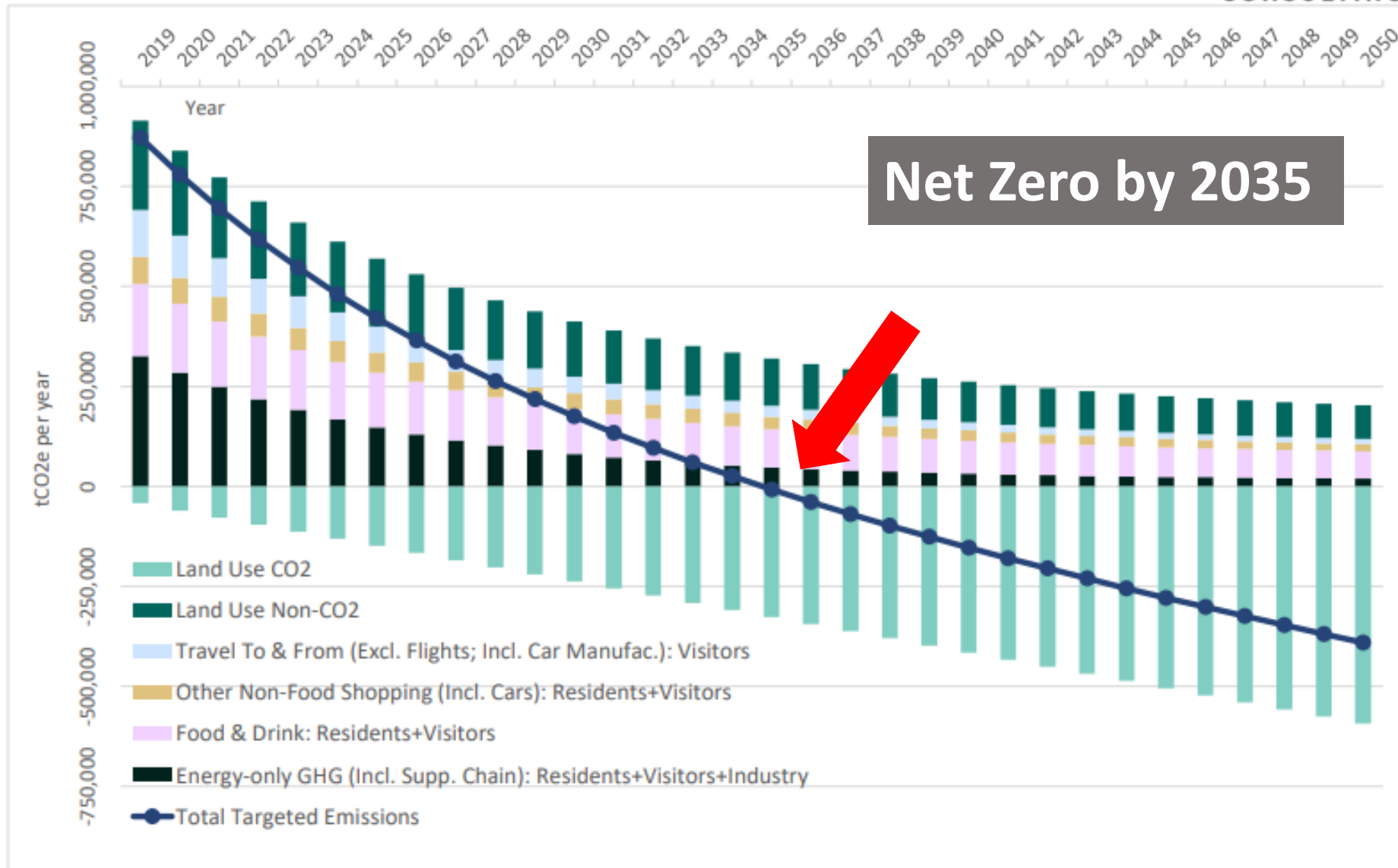


Figure 6: Recommended target pathways leading to net zero emissions for the Brecon Beacons National Park by 2035

Residents: 561,000 tCO₂e

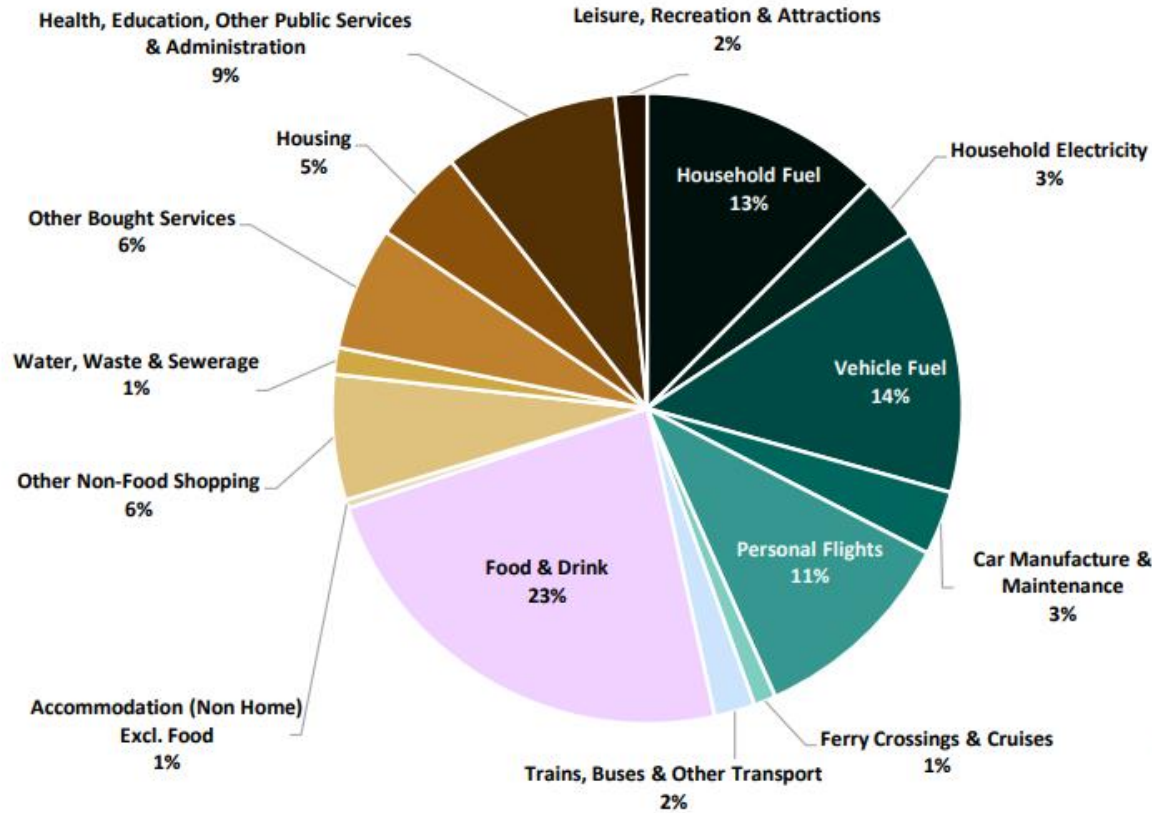


Figure 2: (left) Residents' GHG emissions in Brecon Beacons National Park, by percentage

Visitor travel to & from the National Park: 163,590 tCO₂e

SMALL WORLD CONSULTING

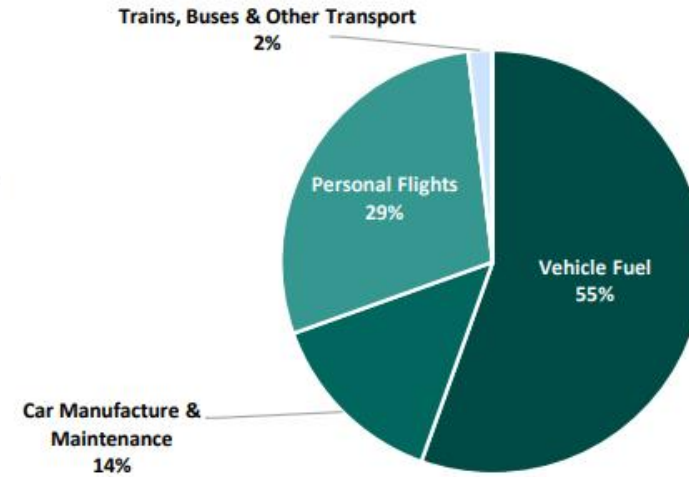
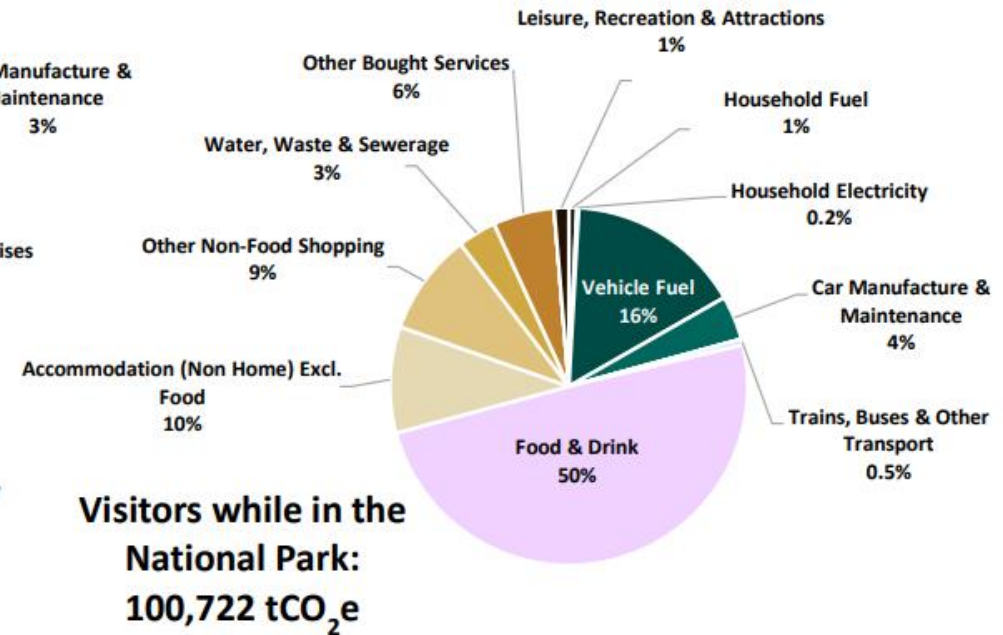


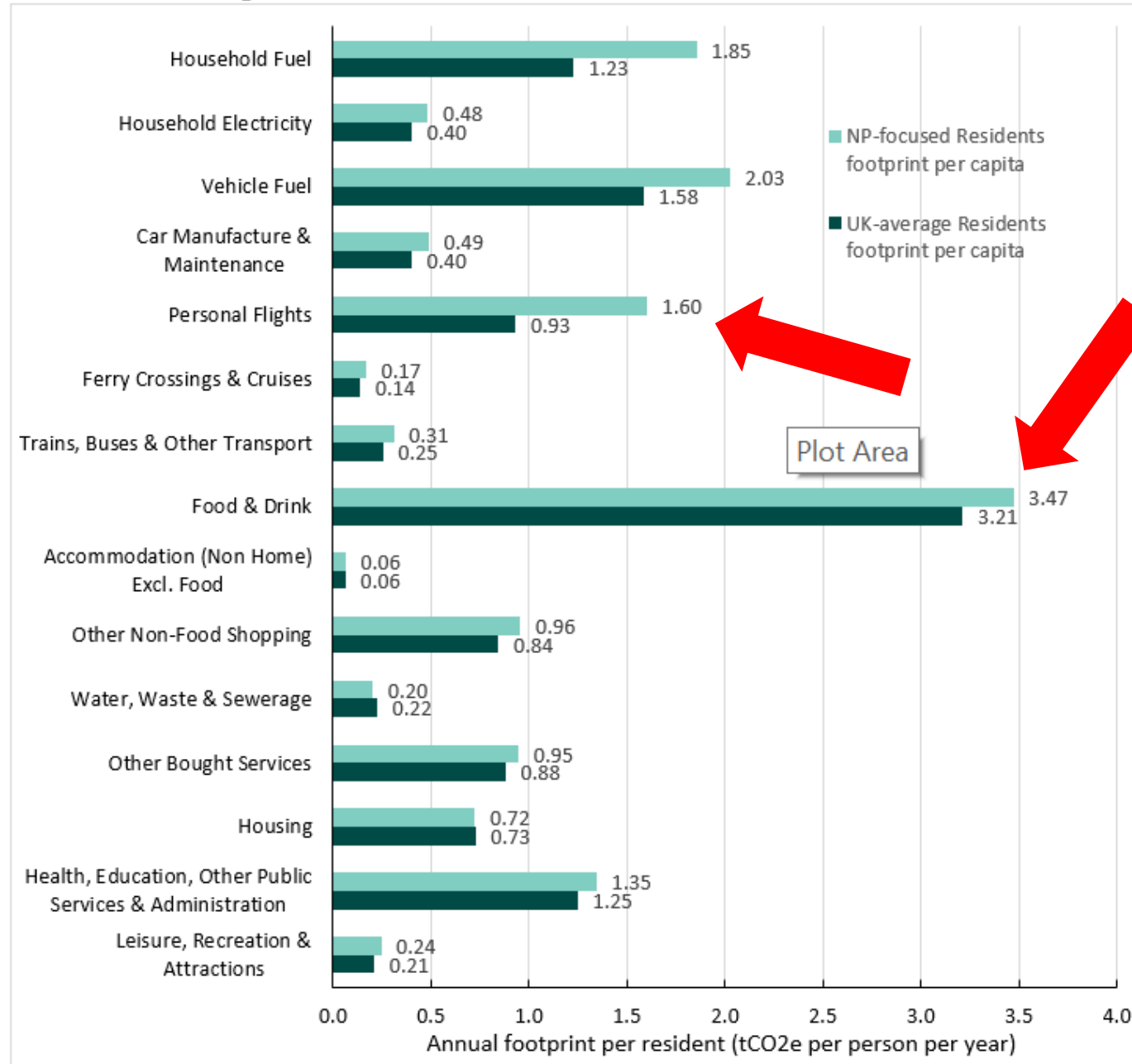
Figure 3: (top right) Visitors' GHG emissions from travel to and from Brecon Beacons National Park, by percentage



Visitors while in the National Park: 100,722 tCO₂e

Figure 4: (bottom right) Visitors' GHG emissions while in Brecon Beacons National Park

Figure 13 compares the average per capita footprint of the Brecon Beacons residents' footprint with the UK national average.



Decarbonisation



Action across the national park will maximise effort toward meeting our fair share of the Paris agreement's goal of limiting global temperature rises to **1.5 degrees**

By 2038

Sustainable transport

39% cut in emissions arising from travel within the National Park as a result of a shift away from petrol and diesel private vehicles to public transport, electric vehicles, and walking and cycling.

Sustainable food and drink

22% cut in emissions arising from food consumption as a result of lower carbon food and drink consumption, whilst maintaining a healthy diet.

Sustainable energy

51% cut in emission arising from energy usage as a result of energy efficiency, and a shift away from fossil-fuels to heat and power homes, services and businesses.

Sustainable land-use

31% cut in non CO2 emissions arising from land use as a result of habitat restoration, and land use change and sustainable farming practices.



Partners

Solar/ hydro

- Green energy supplies for all owned sites
- 30kW hydro generation deployed
- 24kW solar PV + battery storage at Visitor Centre
- 14kW solar PV at Craig y Nos Country Park
- 10kW at Deport
- Full off-grid site using solar + battery storage



Bannau
Brycheiniog



Our fleet

- All pool cars switched to zero emissions electric vehicles
- Pool 4x4 switched to plug in hybrid electric vehicles
- Electric events van
- 27 EV chargers throughout the National Park – and more coming





Local
products

Our Food



Building a new local food economy in Monmouthshire & the Brecon Beacons that is carbon neutral, secure, inclusive, and more prosperous.

Duncan Fisher & Sue Holbrook
Project Managers
Our Food 1200 / Ein Bwyd 1200

We're experienced and proactive local people working together through Our Food 1200 / Ein Bwyd 1200, a community benefit society. We're responding to an emergency that is threatening our climate, nature, food supplies and our health. We're working through partnerships, including with the National Park and other Future Beacons partners.



Black Mountains College

**Building a learning community
to explore how to adapt to the
enormous changes about to unfold
due to climate breakdown**

**Creating a future in which nature
and human societies thrive through
outdoor learning with positive social
and ecological outcome**

Net Zero Transport Strategy and Action Plan

“The availability and accessibility of low carbon transport options in the Brecon Beacons National Park will significantly increase within the lifetime of the Strategy.

Work to enhance transport options will create the conditions where non-essential travel is reduced, whilst the use of active travel, micromobility, public transport and zero emissions motorised vehicles become the norm for residents of and visitors to the National Park.”

	Objective
1)	Reduce the need to travel and / or the distance travelled within the National Park
2)	Reduce carbon dioxide emissions associated with travel
3)	Improve sustainable transport options within the major settlements and to / from attractions
4)	Improve sustainable transport options between towns and villages
5)	Enhance multi-modal interchange opportunities
6)	Make the National Park accessible to all by non-private car, make this access safe and mitigate the impacts of visitor movements by private car on unsuitable routes
7)	Provide better and more consistent information for travel within and to the National Park
8)	Improve accessibility for all geographical areas and communities of the Brecon Beacons
9)	Improve non-private transport accessibility for all visitors to the National Park, in a sustainable manner which can accommodate future growth in visitor numbers

Sustainable Development Fund

Henderson Hall Talybont-on-Usk

- PV panels on the roof provide energy for the electric car charging points
- A well-insulated roof
- Energy efficient lighting
- Air source heating
- A rainwater harvesting system supplies the external water tank for the newly installed Bike Hub, external toilets and showers.



Bannau
Brycheiniog

Sustainable Development Fund

Trecastle Community Hall

Lighting replaced with energy efficient LED lights and sensors which will reduce electricity usage by up to 50%.

Llangorse toilets

Solar panels installed and a huge tank that captures rain water to run the toilets.





RACE TO ZERO

CYMRU

ACCELERATING THE RACE TO ZERO IN WALES

Sequestration



Action will be happening across the national park to restore nature's ability to capture carbon from the atmosphere, in line with the climate change committee's sixth carbon budget recommendations on agriculture, land use, land use change and forestry



By 2038

Habitat restoration

Accelerated habitat restoration, especially peatland restoration in line with the National Peatland Programme, will maximise carbon storage in existing ecosystems.

Land use change

Increased woodland, agro-forestry and hedgerows, with the right trees in the right places, will create new natural carbon sinks.

Sustainable farming

Changing plants and practices in farming will improve the soil's ability to hold carbon.

Peatland Recovery Project



Restoring damaged peatland which in turn will reduce carbon dioxide loss, improve water quality and movement whilst helping facilitate nature recovery.

Peatlands are unique ecosystems and form an important part of Brecon Beacons National Park's uplands landscape. Waterlogged conditions lead to slow plant and vegetation decomposition with consequent storage of huge amounts of carbon over thousands of years. Of the estimated 15,922 hectares of peatland in the Brecon Beacons National Park most is in unfavourable condition. Carbon is being released, both into the atmosphere and into the watercourses due to drying and erosion. The work we are doing forms part of efforts to conserve carbon stores worldwide in response to climate change..

At present the Authority has identified areas that are actively degrading and secured multi-year funding from the Sustainable



Beacons Water Group



A partnership between Welsh Water and Beacons Water Group, piloting innovative approaches to agricultural practice that deliver improvements to raw water quality and farm efficiency.

Nigel Elgar
Project Manager
Brecon Beacons Mega Catchment Programme Dwr Cymru Welsh Water

The Beacons Water Group is a Community Interest Company comprised of a cluster of six farmers, supported by Dwr Cymru Welsh Water. The group takes inspiration from the pristine landscape of the high mountains of the Catskills, whose nature based approach to catchment management is internationally renowned. Together the group has developed an approach that recognises and values the contribution agriculture can make to protecting the water environment.

The approach empowers farmers to provide solutions to water quality risks that also provide benefits to their farm businesses.

Stump Up For Trees



**An ambitious, community
based charity focused on
woodland creation and
enhancing biodiversity**



Adaptation



People and nature will be more resilient to the unavoidable impacts of climate destabilisation, in line with prosperity for all, the climate change adaptation plan for Wales.

By 2038



Nature restoration

Restored, expanded and linked ecosystems and wildlife habitats will help nature to withstand pressures of a changing climate. Protected groundwater levels and adequate flow in rivers will also promote healthy ecology and enhance natural resilience to drought. Sites most at risk of fire will be managed to reduce fire loading.

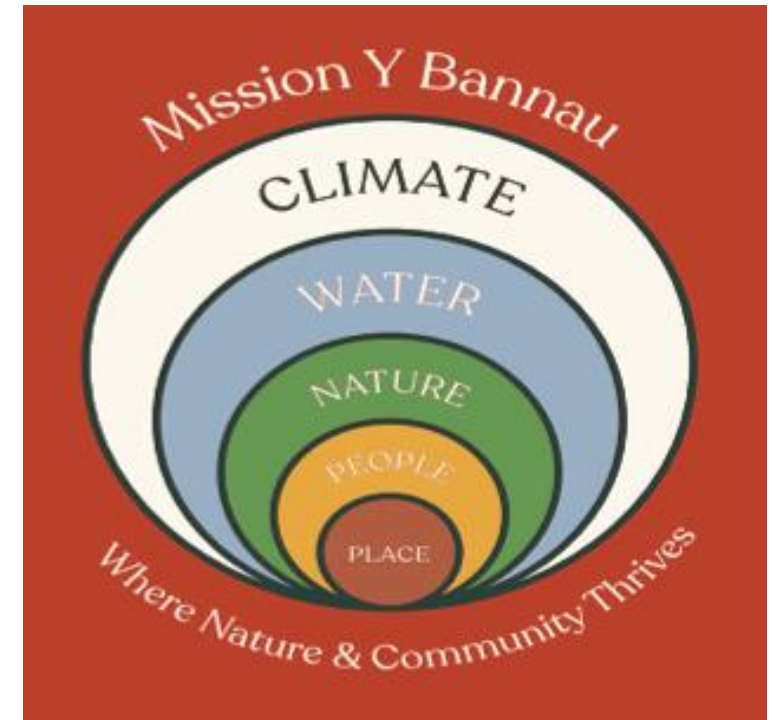
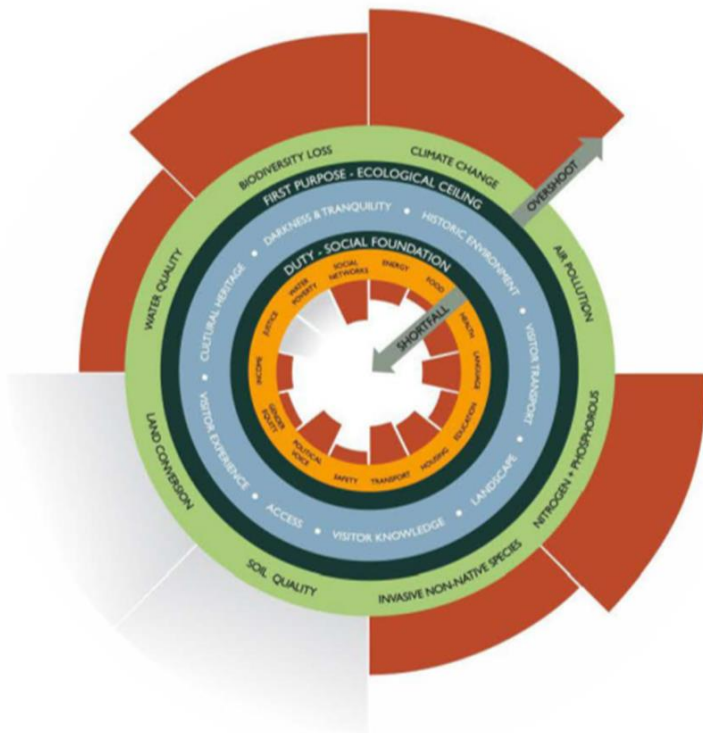
Resilient infrastructure

Flood risk will be reduced by restored nature limiting peak river flow, and by flood protection for vulnerable buildings. The impact of temperature rises locally will be mitigated by restored nature, changes to existing buildings, and behavior change. Land use planning will ensure that new developments are built to be resilient to climate impacts.



Climate impacts

Holistic Place Planning



So what's next?

- **A summer of events – come and talk to us**
- **Place Planning with communities**
- **Sustainable Development Fund**
- **Working with farmers**
- **National Park transport strategy into action**
- **Working with Powys Public Service Board to develop an evidence-based and strategic climate plan for the county**



**Bannau
Brycheiniog**



Centre for Alternative Technology
Canolfan y Dechnoleg Amgen

**Powys Town and
Community Council –
Environment &
Nature Event**

Eileen Kinsman
14th June 2023



STRATEGIC FRAMEWORK 2020-2025

WHO WE ARE

The Centre for Alternative Technology (CAT) is an educational charity dedicated to researching and communicating positive solutions for environmental change.

OUR VISION

CAT's vision is a sustainable future for all humanity as part of a thriving natural world.

OUR MISSION

Our mission is to inspire, inform and enable humanity to respond to the climate and biodiversity emergency.

HOW WE WORK - WE ARE:

INSPIRING

We spark the imagination, helping people to envisage a future in which humanity has risen to the climate challenge.

EMPOWERING

We provide people with the tools they need to play their part in creating a positive future.

POSITIVE

Whilst acknowledging the scale of the environmental challenge, we remain optimistic and hopeful about the future, providing people with the motivation to make change happen.

SOLUTIONS-FOCUSED

We move quickly from challenges to solutions, focusing on the changes that can provide the greatest positive impact.

EVIDENCE-BASED

From understanding the scale of the challenges to being realistic about the effectiveness of solutions, all of our work is informed by scientific evidence and expert research.

INCLUSIVE

We believe in the transformative power of diversity, inclusion and equality. Only by actively engaging different perspectives can we challenge and stretch our thinking and empower people, policy makers and organisations to make the radical changes we need to deliver a sustainable and regenerative future as well as to enrich the experiences of our employees and volunteers and members.





CAT – a (very) brief history

- 1973 – CAT starts with a £20,000 donation . First hydro
- 1975 – Visitor Centre opens. First wind turbine
- 1977 - An Alternative Energy Strategy for the UK
- 1982 – Dulas Engineering founded
- 1996 – Largest PV roof in UK installed
- 2000 – AtEIC wins Gold Medal for Architecture Eisteddfod
- 2003 – First community wind turbine in Wales
- 2007 – Graduate School of the Environment opened
- 2007 – First Zero Carbon Britain report published
- 2010 – WISE education and conference centre opened
- 2019 – Zero Carbon Britain Hub & Innovation Lab launched



Graduate School



8 Masters Degrees

700 Students

Accredited by Liverpool
John Moores and the
University of East London

Unique innovative creative
practical hands-on holistic
pedagogy



Skills for the Future – Vocational Training and Lifelong Learning



- Retrofitting Skills
- Sustainable Woodland Management
- Horticulture
- Green Building
- Renewables





Visitor centre



40,000 visitors

Education from pre-school to university –
STEM Hub

MICE

Volunteer programme

Membership

Free information service



Zero Carbon Britain Hub and Innovation Lab

- Aim – to help governments, councils, businesses and communities respond to the climate and biodiversity emergency
- Zero Carbon Britain Training and Train the Trainer training – online and bespoke - Carbon Literacy accredited
- Trained more than half the councils in UK
- Digital Hub
- Innovation Lab – facilitating co-productive approach to identifying barriers and prototyping solutions; creating routes into larger scale impact or systems change





• **Contacts**


 www.cat.org.uk

 info@cat.org.uk

 01654 705950

 @centre_alt_tech

 Centre for Alternative Technology

 [centreforalternativetechnology](https://www.instagram.com/centreforalternativetechnology)

 #ZeroCarbonBritain



Gwasanaeth Ynni
Energy Service

Argyfwng Hinsawdd - Climate Emergency Gweithredoedd / Actions

Rhys Horan (Arweinydd Strategol / Strategic Lead) – Llandrindod 2023

‘Ein huchelgais yw i'r sector
gyhoeddus fod yn sero-net gyda'i
gilydd erbyn 2030’

‘Our ambition is for the public sector
to be collectively net zero by 2030’

Y Gwasanaeth Ynni / The Energy Service

Pwy ydym ni

Mae Gwasanaeth Ynni Llywodraeth Cymru yn cefnogi ymgyrch Cymru tuag at ddyfodol di-garbon ffyniannus.

Rydym yn gweithio gyda'r sector **gyhoeddus** a **mentrau cymunedol** i:

- Lleihau'r defnydd o ynni
- Cynhyrchu ynni adnewyddadwy, sy'n eiddo lleol
- Lleihau allyriadau carbon

Yr hyn rydyn ni'n ei wneud

Rydym yn cynnig cyngor a chefnogaeth dechnegol, masnachol a chaffael i helpu i droi prosiectau ynni'n realiti.

Who are we

The Welsh Government Energy Service supports Wales' drive towards a prosperous zero carbon future.

We work with the **public sector** and **community enterprises** to:

- Reduce energy use
- Generate locally owned, renewable energy
- Reduce carbon emissions

What we do

We offer technical, commercial and procurement advice and support to help turn energy projects into reality.



Reduce energy demand



Use energy efficiently



Renewable energy generation



Minimise carbon impact of
other energy generation



Minimise extraction of carbon
intensive energy materials



**Effeithlonrwydd
Ynni / Energy
Efficiency**

"Integrity is doing the right thing even when
no one is watching"
CS Lewis



Ynni Adnewyddol Renewable energy



Gwres Carbon Isel / Low Carbon Heat



Fflyd / Fleet



Ysgol Gymraeg Y Trallwng, Welshpool

Ynni
Cymunedol Cymru
Community Energy
Wales



Cyllid / Funding

Llwyddiannau / Achievements (1-4)

Lleihad Carbon reduction : 716,000 tCO₂e

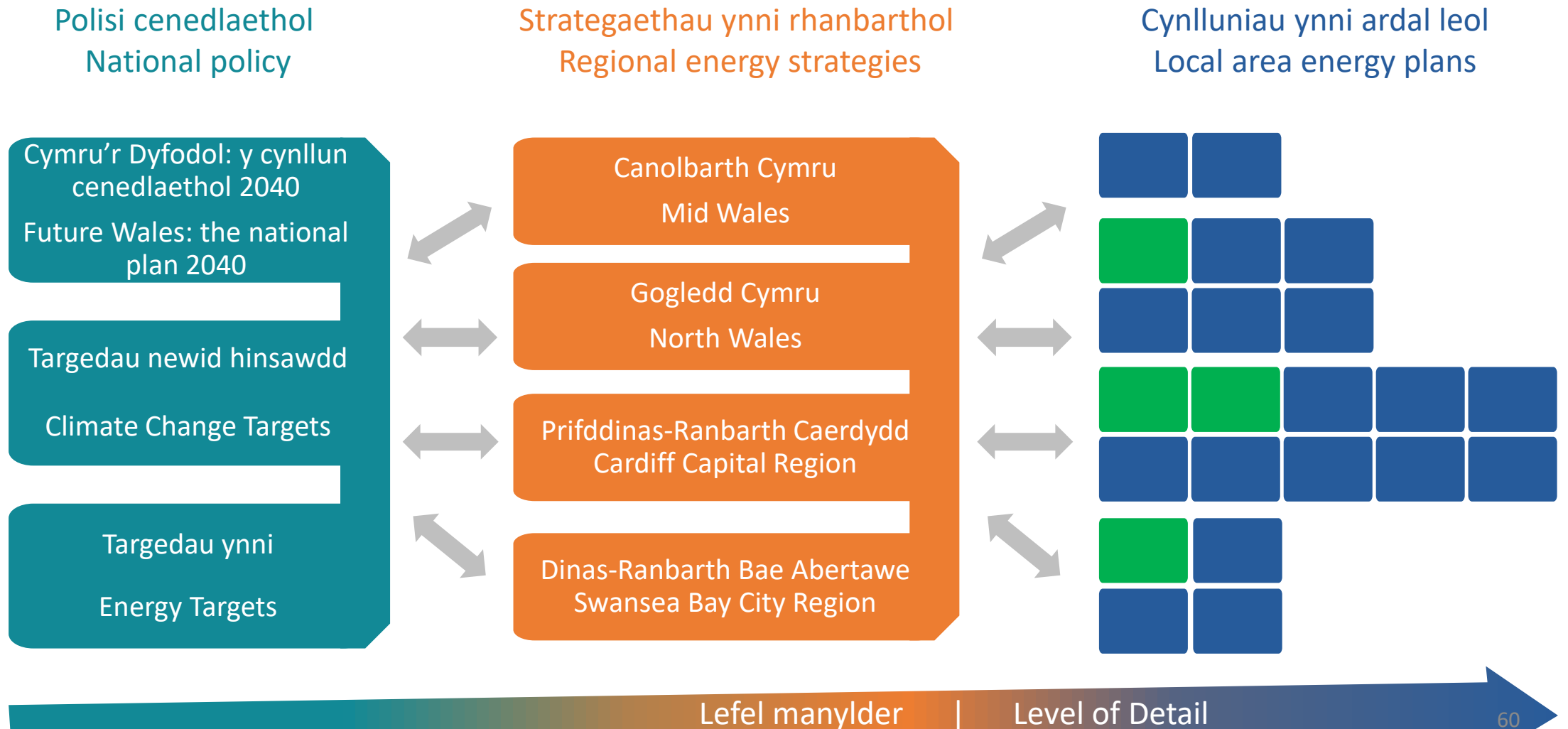
Incwm ac arbedion / Income & savings : £322M

Gwerth Buddsoddiad / Capital investment : £155M

Capasiti cynhyrchu / Generation capacity: 45 MW

Cynllunio ar gyfer system ynni carbon isel sy'n fwy integredig

Planning for a more integrated low carbon energy system





- Cefnogaeth a canllawiau
- Rhanddeiliaid
- Cyflawni (a cynllunio)
- Pontio teg
- Dangos arweiniad (ar bob lefel)
- Rhwydweithiau cryf
- Ynni lleol a deallus
- Defnyddiwch y gwasanaeth

- Support and guidance
- Stakeholders
- Delivering (and planning)
- Just transition
- Showing leadership (at every level)
- Strong networks
- Local and smart energy
- Use the service

Cysylltu hefo ni / Contact us

llyw.cymru/y-gwasanaeth-ynni-ar-gyfer-grwpiaur-sector-cyhoeddus-grwpiau-cymunedol
gov.wales/energy-service-public-sector-and-community-groups

@_gwasanaethynni

@_energyservice

Ebost / Email:

ymholiadau@gwasanaethynni.cymru

enquiries@energyservice.wales



Severn Wye Energy Agency

Dave Gittins, Director for Wales

CRYFACH *tecach* GWYRDDACH  STRONGER *fairer* GREENER



Powys

Climate Actions Plans

Supporting the transition to a low carbon Wales



Where we work

- We work **across Wales** and the English border counties of **Gloucestershire, Herefordshire, South Gloucestershire** and **Wiltshire**.
- Our head office is in **Highnam**, Gloucestershire – just outside Gloucester.
- Our Welsh HQ is at the Hive, a community sustainability hub in **Llandrindod Wells**.
- Severn Wye staff live and work in each of these areas to **serve locally**.



Severn Wye

Severn Wye Energy Agency are a non-profit company and **registered sustainability charity**.

Severn Wye delivers **practical services** to address sustainability issues, particularly in the areas of:



Fuel poverty

Sustainable,
affordable home
energy for all



Decarbonisation

Supporting progress
towards net zero



Carbon capture

R&D into natural
carbon capture
technologies



Communities

Helping communities
build a sustainable,
lasting way of life



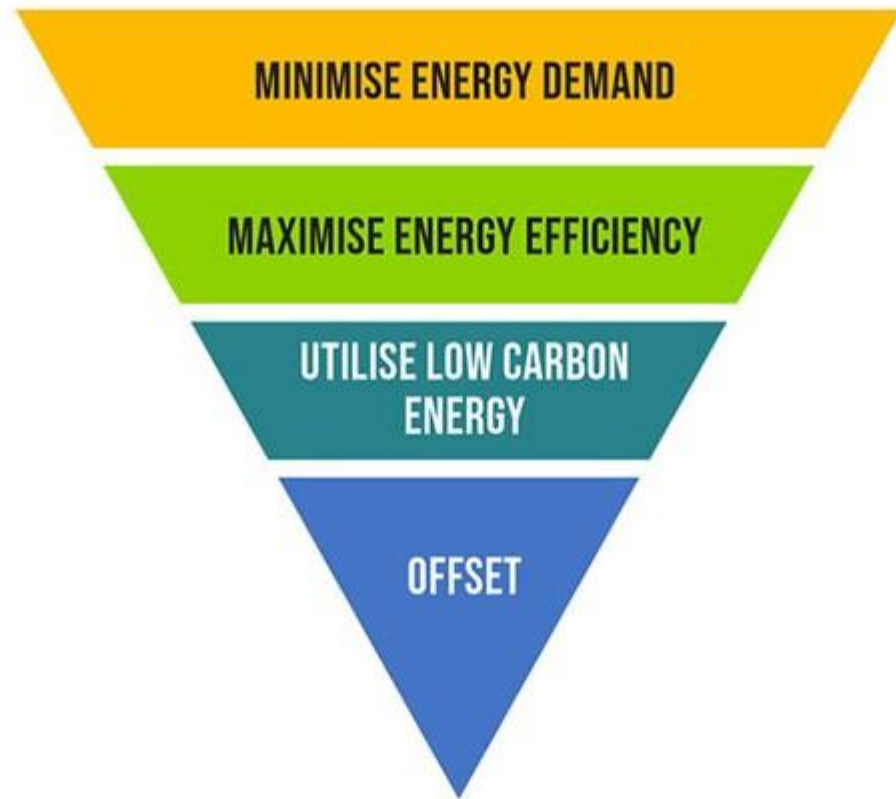


Renewable Energy – the answer to everything?

- *“The cheapest unit of energy is the one you never use”*
- Applies to Carbon as well
- It doesn't matter if you don't have a roof or field for solar, or a river for hydro
- Lots of positive action can be taken to reduce your carbon footprint without installing renewables



Energy Hierarchy

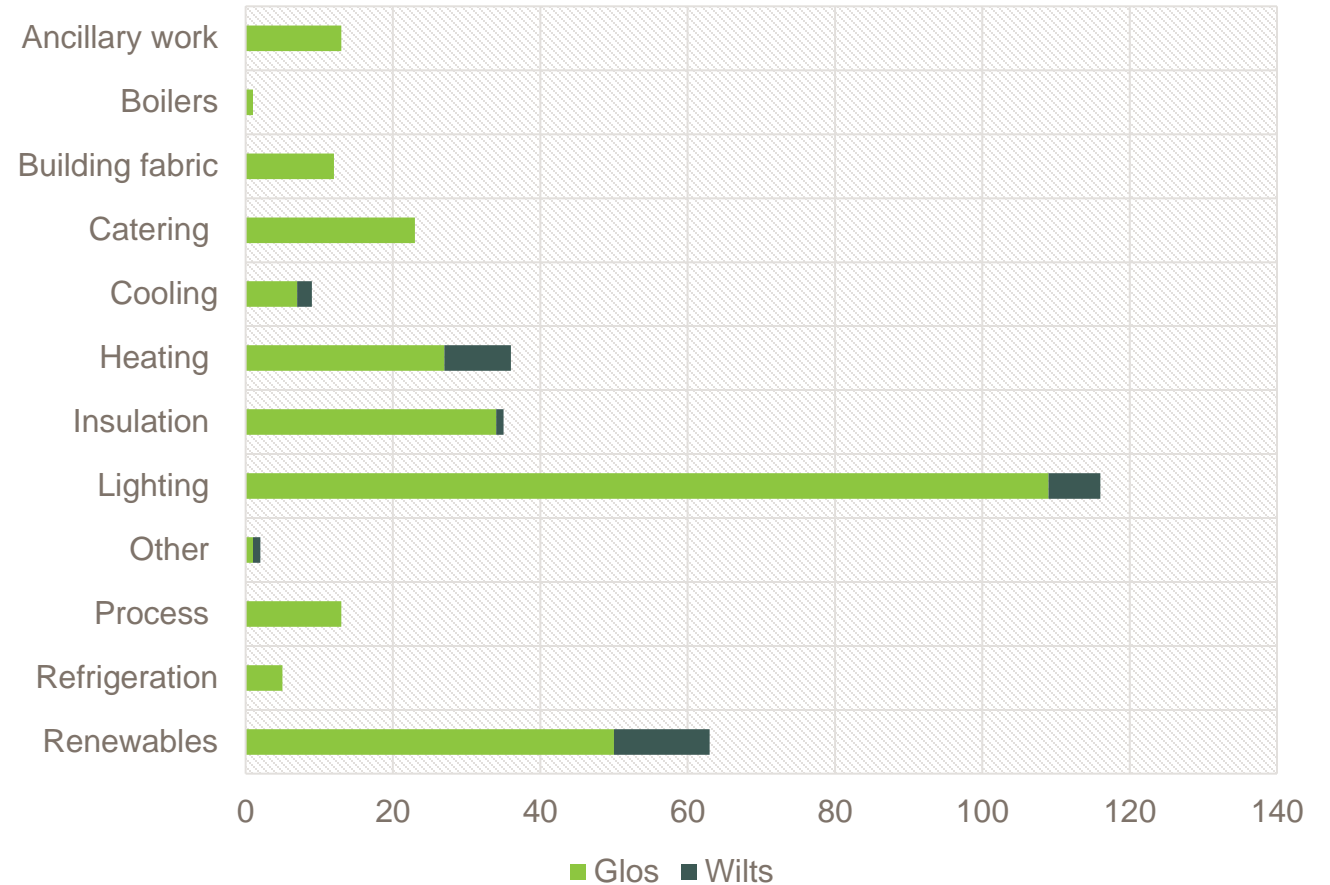


- Stop doing things – turn lights off. Fridges in rugby clubs, efficient use of community buildings.
- Make sure that you have the most efficient appliances and buildings you can
- Generate your own renewable energy (or buy some local renewable energy)
- To get to Net Zero, offset to make allowances for things you can't change



Insights – from our Business Energy Efficiency Programme

- Each business received an energy audit to understand where best to invest in their business (340 in total)
- Lighting, Heating and Insulation were most popular energy efficiency measures
- Lots of businesses invested in renewables but only half the number that invested in lighting – low cost, quick payback.



When to take action



- Don't try and do it all at once
- Divide up actions into:
 - low cost/no cost,
 - short, medium and long term.
- Provide training for Councillors to become carbon literate so they can make informed decisions
- Understand your energy use/carbon footprint so you have a baseline before you take action





Work in partnership

- Partneriaeth Ogwen was established in 2013, through innovative collaboration by Bethesda, Llanllechid and Llandygai Community Councils to provide a clerking service to the 3 councils and develop community projects.
- Developed Ynni Ogwen hydro scheme which generates renewable energy and also lowers bill for residents.
- Other partners could include Powys County Council, local businesses and community groups.



Severn Wye can help you

- Saving energy is far more efficient than generating it
 - Reduce your need for energy by being more efficient or improving the fabric of your building
 - Invest in renewables after you have reduced your energy use
 - Provide Carbon Literacy training for staff and councillors so they understand the implications of decisions.
 - Work in partnership to achieve greater results
1. Energy Audits - so you know what you are using and understand how you could invest in buildings to make them more energy efficient.
 2. Support to develop a bespoke Carbon Action Plan for your Town or Community Council.



Action and influence



VS




Your Carbon Action Plan will focus on how to get the Town or Community Council to Net-Zero, but could you extend your reach beyond your own carbon footprint to support others to take action?

A university could insulate its buildings and invest in renewables, but if it taught all its students how to be carbon neutral it would have a far greater influence.





severn wye

 severnwye.org.uk

 [@Severn_Wye](https://twitter.com/Severn_Wye)

davidg@severnwye.org.uk



Case Study RedFM Ltd

- Commercial landlord of Redwood House in Royal Wootton Bassett – built in 1987
- Wanted to keep costs down for commercial tenants – heating and lighting
- Installed:
 - Replacement boiler and zoning controls
 - LED lighting throughout
- Received £1,795 in grant funding towards £5,983 of improvements
- Savings of £692 per year, 3 tonnes of CO₂



Case Study Lyon Inn

- 16th century village pub under new husband-and-wife ownership, refurbished to include new restaurant facilities
- Owners wished to build in energy efficiency from the start of the refurb, and approached Severn Wye to identify areas of priority
- Installed:
 - LED lighting throughout
 - Induction cooking facilities
 - Refrigeration for the kitchen
 - Ambient cooling for the cellar
- Received £12,665 in grant funding towards £36k of improvements
- Savings of £6k per year, 19 tonnes of CO₂



Case Study

NH Case Ltd

- Family-owned company established in the 1920s, that distributes almost every category of food familiar to UK consumers, supplying manufacturers, wholesalers and caterers
- Huge demand on cooling costing over £100k/year on electricity
- Installed:
 - 288.6 kWp solar PV array
- Received £51,000 in grant funding towards £170k of improvements
- Savings of £30k per year, 108 tonnes of CO₂



Q&A Climate Panel

CRYFACH *tecach* GWYRDDACH  STRONGER *fairer* GREENER



Powys



Planning Aid **Wales**
Cymorth Cynllunio **Cymru**

Place Plans - Environment & Nature

Karen Probert - Planning Engagement Officer
Deb Jeffreys - Community Engagement & Development Officer

14th June 2023 – Llandrindod Wells



About us

- Independent Charity
- Community engagement in planning
- Welsh Government funded
- Impartial planning guidance and advice
- Helpline, Publications, training



14th June 2023



Planning Aid **Wales**
Cymorth Cynllunio **Cymru**

So.....why get involved?

- *You have local knowledge*
- *You (can) know what the community needs*
- *You (can) defend the public interest*



Will it make a difference?

LOCAL KNOWLEDGE

Increased understanding

+

Early & ongoing engagement

= increased influence

But they ignore us anyway!

But....your level of influence if you don't get involved or respond to consultations is.....

0

The 'shape' of planning



14th June 2023



Planning Aid **Wales**
Cymorth Cynllunio **Cymru**

Planning Policy Structure



Strategic Development Plans (SDP's)

Welsh Government Policy intent:

- Strategic approach to plan making at a scale greater than LDP's
- 4 Plans / 4 Regions
- Larger than local issues e.g., housing numbers / strategic green infrastructure routes



What is a Place Plan?

- Local land use plan / guidance
- Community Council led
- Links to community plans

Place Plans Cynllun Cynefin



14th June 2023



Planning Aid Wales
Cymorth Cynllunio Cymru

What can a Place Plan cover?

- Must be relevant to land use planning to be adopted as Supplementary Planning Guidance (SPG).

Economic
Development

Housing

Design

Environment

Transport /
Parking

Regeneration

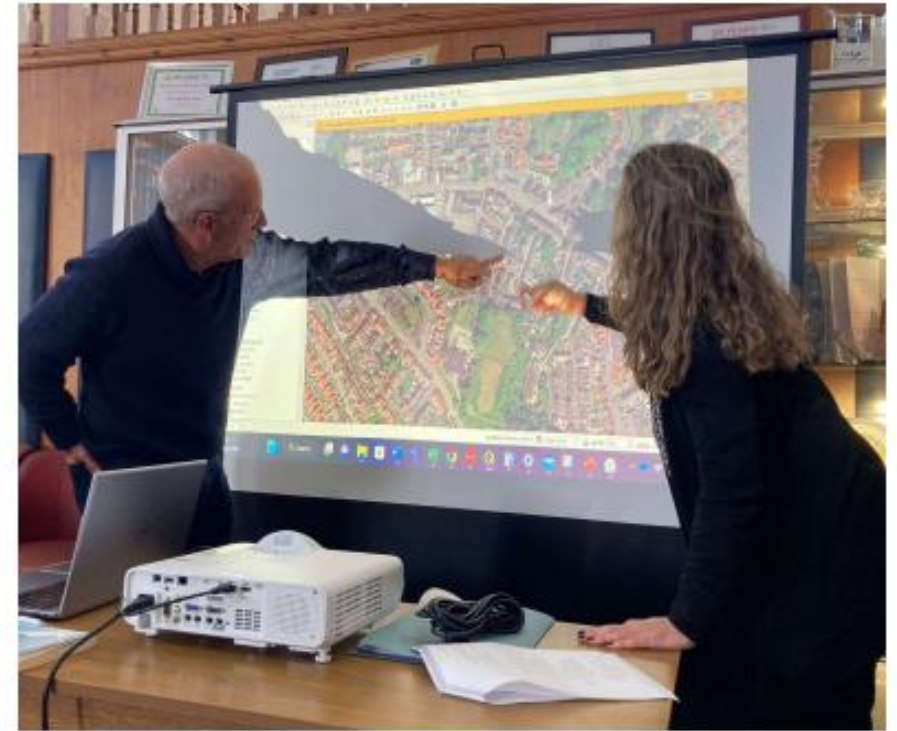
Retail

Community
Facilities

Why prepare a Place Plan?

- Greater weight to a LDP
- Can be adopted by LPA as Supplementary Planning Guidance (SPG)
- Can be holistic

Place Plans Cynllun Cynefin



Place Plan benefits

- Community-led & community needs focused
- Better influence on local decisions
- Potential to improve relationships with Local Planning Authority.
- Evidence can be used broadly – funding applications, LDP engagement etc.

Place Plan 'must haves'

- Input from planning authority
- Strong evidence base
- Good community engagement



14th June 2023



Planning Aid **Wales**
Cymorth Cynllunio **Cymru**

What did the community tell us in Colwyn Bay ?

- Green space is highly valued by the community, with 65% of survey respondents wanting the protection of open spaces as priority.
- Over 60 people mentioned that they “love” the current open spaces.

What did the community tell us in Colwyn Bay ?

Popular Themes

- Protection of open space and biodiversity
- Celebrating and promoting green spaces
- Fully utilise open spaces
- Manage litter and keep the Bay tidy
- Support community growing and allotments
- Greening and tree Planting
- Production of renewable energy
- Overgrown Vegetation onto footways

Place Plan Opportunities

- Multiple plans.... Why not do it all together?



*Created with
the
community*

OUR TOWN, OUR PLAN!
NEWTOWN & LLANLLWCHAEARN PLACE PLAN
2021-2036

Version 5
Adopted by Powys County Council As Local Development Plan,
Supplementary Planning Guidance, 13 July 2021

Adopted by Newtown & Llanllwchaearn Town Council
26 July 2021

14th June 2023



Planning Aid **Wales**
Cymorth Cynllunio **Cymru**

Local level – nature recovery

- Local knowledge and public participation – cumulatively, a community can have a positive impact on nature recovery.
- Ecosystems occur in a wide variety of local settings:
 - *Residential gardens*
 - *Road verges*
 - *Unused land*
 - *Woodlands*
 - *Hedgerows*

(research undertaken by Caroline Sarah Bowen – PAW Volunteer)

Local level – examples

- Place Plans could contain a '**local strategy for nature recovery**' which is tailored to your area.

Examples:

- Retaining front gardens and street planting to connect to larger local parks
- Bird and bat boxes
- Build a sense of responsibility for your local nature and habitats

(research undertaken by Caroline Sarah Bowen – PAW Volunteer)

Community evidence collection

Citizen Science

- ‘**Citizen Science**’ has become a popular approach to engage the general public
- Wildlife counts by the RSPB, and Butterfly Conservation demonstrate that the public are willing to participate
- A Place Plan which incorporates local evidence and data and encourages connectivity and resilience for Nature - **supports the WG Section 6 duty for biodiversity.**

(research undertaken by Caroline Sarah Bowen – PAW Volunteer)

14th June 2023



Planning Aid Wales
Cymorth Cynllunio Cymru

So.....what are your local issues?

Examples for a Place Plan :

Planning policies	Action Plan
Flood mitigation	Traffic management
Energy conservation	Litter management
Renewable energy projects	Public transport

What are your top 3 land use issues?

Discuss for 5 mins
and make a note of
issues on the 3
post-it notes





14th June 2023



Planning Aid **Wales**
Cymorth Cynllunio **Cymru**

Guidance

www.placeplans.org.uk

- Making the decision
- Toolkits
- Contacts
- Funding

14th June 2023

The screenshot shows the homepage of the Place Plans website. At the top, there is a navigation menu with links for Home, Communities, Planners, Case studies, Place Plan toolbox, Place Plan FAQ, and Glossary. Below the menu is a large banner with the text "Do you want your community to play an active role in shaping your local area?" and an illustration of a community scene with a car, a cyclist, a house, and a bus. The main content area features a headline: "Welsh communities now have more opportunity than ever before to shape the future of the places where they live and work." This is followed by a sub-headline and a paragraph explaining the website's purpose. A section titled "Simply, a Place Plan:" lists four bullet points: it can be a document setting out local level planning guidance, it links to planning policies set out by your Local Planning Authority, it is written by local people who know the area well and can add more detail to the work done by the planners, and it can link to other local / Community Plans on a wide range of issues. Below this is another paragraph about creative collaboration with local planning authorities and a link to a "step-step by guide". At the bottom, there are four colorful icons representing different sections: Newsletter (pink), Planners (teal), Communities (green), and Case Studies (orange).

Place Plans

Home Communities Planners Case studies Place Plan toolbox Place Plan FAQ Glossary

Do you want your community to play an active role in shaping your local area?

Home » Home

Welsh communities now have more opportunity than ever before to shape the future of the places where they live and work.

This website provides practical tools for planning professionals and communities, enabling local knowledge and community aspirations to be realised at the very local level of planning.

Simply, a Place Plan:

- can be a document that sets out local level planning guidance on the use and development of land
- links to planning policies set out by your Local Planning Authority
- is written by local people who know the area well and can add more detail to the work done by the planners
- can link to other local / Community Plans on a wide range of issues

Through creative collaboration with local planning authorities, local communities can develop community-led guidance to help achieve local aspirations and improve community well-being.

Use the [step-step by guide](#) to find out more about whether a Place Plan is right for your community.

Newsletter Planners Communities Case Studies

Upcoming Online Events for 2023

- **Wednesday 5th July – The Value of Place Plans**
- **Wednesday July 12th – Network Event**
Affordable Housing – Meeting Community Needs in Wales
- **Monday 2nd October – Responding to Planning Applications – Part 1**

Full events list can be found at www.planningaidwales.org.uk/events

Contact us:

Training enquiries: 02920 625 004

Helpline: 02920 625 000

karen@planningaidwales.org.uk

mark@planningaidwales.org.uk

deb@planningaidwales.org.uk

james@planningaidwales.org.uk

**Thank you /
Diolch**



Event Summary

Chris Jones – Facilitator

CRYFACH *tecach* GWYRDDACH  STRONGER *fairer* GREENER



Powys

Event Closure

Councillor Jackie Charlton

Cabinet Member for a Greener Powys

CRYFACH *tecach* GWYRDDACH  STRONGER *fairer* GREENER



Powys

Thank You & Safe Travels

Contact: climate@powys.gov.uk

CRYFACH *tecach* GWYRDDACH  STRONGER *fairer* GREENER



Powys