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Tackling Climate Emergency - Ideas for community action report

Report detailing the presentations, discussions, key messages and thematic summary of an event held on November 16th, 2022 as part of the Ideas Unlimited series.

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1. Overview

1.1 Introduction

This report covers the third in a programme of events held by Together for Change, Ideas Unlimited. The event was held remotely via zoom on November 16th, 2022, Appendix 1 shows the event programme. The report aims to provide an overview of the presentations delivered by guest speakers (see 4. Speaker's biographies), discussions from participants, key messages and a thematic summary of the event.

This session considered the part that climate plays in our health and wellbeing and its role in driving the widening inequalities in our society. It introduced several themes centring on policy and local action in relation to; community owned renewable energy; biodiversity; community transport; and local activism. This was followed by a discussion in which participants put forward their ideas for community driven solutions to address the most pressing and critical threat to our planet, the climate emergency.

1.2 What do we mean by 'climate emergency'?

Climate is intrinsically linked to the wellbeing of individuals, families, and communities around the globe. Yet, the impact of climate change is wreaking devastation that will make our planet uninhabitable for future generations of humans and other species. The situation is spiralling, with the looming possibility of cascading tipping points that can never be reversed.

Nations have been meeting for 27 years at Conferences of the Parties (COP) gatherings to discuss what can be done, setting collective targets for reducing fossil fuel usage and the greenhouse gas emissions that have led to this state of emergency. Despite governments committing to reduction targets, and many declaring climate emergency, it could be perceived that very little is being done to make the significant changes required. Governments across the planet, have been slow to act, delaying the urgently needed collective mitigation measures possible.

1.3 What can be done locally?

While governments worldwide have been slow to act, community-led climate and ecosystem action has been increasingly widespread. This grassroots response to the global threat may now be the best chance communities have of adapting to climate change and surviving. Ensuring food and energy security, clean air and water, fertile soil and adequate housing, healthcare and transport are pressing issues that can be tackled to some extent at local and regional levels. Meanwhile, there is



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an important role for activists and local politicians to play in pressuring national governments to act. *Everyone has a role to play, however small, as part of our collective responsibility to tackle climate change and ensure the wellbeing and resilience of our communities.*

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1. Key messages

2.1 Rachel Kelway-Lewis

“Code red for humanity”

Setting the scene, speaking of the urgent need to act now, in the face of the climate emergency, which is a ‘code red for humanity- impending mass extinction’ statistics were presented. This covered the level of CO2 in the atmosphere, the global surface temperature of the planet, global sea levels, a 60% fall in average wildlife populations since the 80s and vast losses of Antarctic Sea ice highlighting the effects climate change is already having. Extreme weather events are also killing, displacing, and harming millions of people around the world and the UK is not immune to such effects. This year alone, the county of Pembrokeshire has experienced floods, wildfires, coastal erosion, and reduced crop yields.

Climate change will have a detrimental impact on the health and wellbeing of society. Industrial air pollution and bush fires affect air quality, impacting respiratory conditions. Heavy rainfall and flooding causes sewage overflows and contaminates drinking water, leading to disease outbreaks. Unpredictable weather events result in reduced crop yields, affecting both food quality and quantity and making adequate food increasingly unaffordable for many. Extreme weather events can also affect health service delivery, resulting in avoidable deaths, with some people being at higher risk than others: socio-economically disadvantaged communities, rural and geographically isolated communities, those with disabilities, older people, children, and those who are pregnant. Therefore, there must be urgent collective action taken to work towards finding solutions. From protesting and political lobbying to community-led projects and local initiatives, the public have a significant role to play.

What if we all changed our climate anxiety into stubborn optimism?

2.2 Cris Tomos

“Gwnewch y pethau bychain/Do the little things” - St David

Cwm Arian Renewable Energy (CARE) shared their experience of developing a community-owned 700 KW wind turbine. As a registered community benefit society, CARE aims to support community environmental projects, and alleviate fuel poverty and such income generation demonstrates what

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can be done by local people, for local people. Recently, with energy producers seeing energy unit prices increase dramatically, CARE's export price has quadrupled. Therefore, CARE will be able to pay off the mortgage much faster and will also secure a significant funding for their area. CARE is now looking at installing a 400 KW solar array, again with the profits benefiting community projects.

Throughout the presentation there was an emphasis on influencing policy change to enable more communities to become empowered to initiate similar projects in their areas. To do so, a change in perceptions at local authority and Welsh Government levels is required. This would allow the government to support community-owned turbines in preference to multi-national companies, following the example of models like CARE. Financial incentives into the community sector could be encouraged, allowing local people could put their money into local community investment schemes. Another needed shift in policy is enabling local people to access local energy. The challenges of grid connection and grid capacity must be addressed, to allow local production to feed into local supply.

Harnessing (without exploiting) community assets such as natural resources (including wind, solar, and hydro), is key to securing benefit for local communities. This would allow communities to generate funds for their own initiatives, lowering carbon, and developing new projects, without depending on UK and European grants. By working with others, Wales and its communities can have a global influence alongside other smaller countries and make positive changes:

The Small things we do will have big effects in the wider world

2.3 Jeremy Wadia

"Nature isn't always tidy!"

A 2021 UN report revealed that nature in Wales has declined perilously, with just over half of all its plants and animals remaining, and being placed 16th from bottom, out of 240 of countries scored.

The community is a key stakeholder if not a driving force behind improving our local natural environment

Eco Dewi was established in 2020, enabling local people to get involved with their natural environment, tackling the climate emergency and biodiversity crisis, and benefiting the local

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community. Eco Dewi has led on a range of community action projects that have a direct impact on biodiversity in the area, which include:

- **Save our Swifts** which addresses dwindling numbers of swifts (on the UK red list for endangered species) and the impacts of building work, demonstrating positive action.
- **Beach Cleans** that remove damaging litter from the marine environment, raise awareness and, with the Marine Conservation Society, provide evidence for demanding more strategic action.
- **Mini Meadows** which encourage those managing grass sites including residents, local businesses, churches, and schools to make their own small wildflower meadows and improve biodiversity. Blue recycled wooden hearts highlight the positive, deliberate action being taken, inspiring others to do the same.

The presentation highlighted the importance of acknowledging that nature isn't always tidy. Despite Wales' Environment (Wales) Act (2016) and the Wellbeing of Future Generations Act (2015) requiring a shift in thinking, too often at a local level 'tidiness' is prioritised over biodiversity. There are also questions regarding implementation as a resource deficiency as seen at local authority level could prevent effective monitoring.

In terms of recommendations, the following were proposed as potential improvements to the current climate crisis:

- A change in perception at local authority level to become receptive to ideas and collaboration with residents and community groups around their environment. Enabling and supporting the co-production of decisions would also be beneficial in ensuring communities have a voice in the process.
- Land managed by local authorities such as school grounds, verges, allotments, along with their buildings, should be utilised to benefit the environment and the community, beyond their primary use. For example, not cutting grass verges to promote biodiversity.
- Whilst volunteering is a vital contribution, there is also a need for paid roles to lead, collaborate, and plan within the sector. Moving away from short-term grants and poor fund management, as well as changing funders' requirements for innovation and 'new projects', even if one has been successful, focusing efforts on delivery.

2.4 Emma Lewis

“Services run by local people, for local people”



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Discussing community transport in Pembrokeshire, PACTO aim to fill the gap faced by many throughout the county who do not have access to traditional public transport, or their own private vehicle. PACTO run a range of initiatives in Pembrokeshire including:

- Country Cars which is a wheelchair accessible car hiring service with volunteer drivers
- Minibus hires and minibus driver training
- Dial a Ride minibuses
- Take Me Too, a newly launched local lift matching service
- A moped hire service called Wheels to work which is run by Green Dragon Bus

There is also the Flexi Bus service which, runs in the north of the county of Pembrokeshire. This is an on-demand bus service which is a more effective service than public bus services. Flexi Bus is viable, affordable, and flexible in terms of pick-up and drop-off location, as well as being free to those with a bus pass.

In terms of challenges, moving towards zero carbon is a significant challenge. Electric Vehicle technology isn't yet adequate for larger vehicles, particularly in hilly, rural areas. But it is hoped that Hydrogen will soon be in production locally and can become an effective solution in reaching zero carbon. Another issue is funding, with short-term funding making investment far more complex. Like many other third sector organisations, PACTO has faced challenges securing funding that is long-term enough to provide effective results. For example, making community transport services well known, trusted, and therefore well used. Communications is another issue for the services as some residents do not have access to digital communications thus may be unaware of the services available.

2.5 Mary Clifford

“Do the big things!”

To effectively tackle the root causes of the climate and ecological emergencies, those who have played a significant role in the destruction of the natural environment such as governments, fossil fuel energy companies, agriculture, and the fashion industry, need to be held accountable. Through protesting, Extinction Rebellion has helped to change public attitudes by raising awareness of the climate emergency. While David Attenborough and Greta Thunberg, along with climate scientists and ecologists, first brought the issue to the public's attention, Extinction Rebellion will continue to raise the alarm until significant change occurs.



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Working as a decentralised movement, rather than a hierarchical organisation, they support local action that draws people into conversations. By taking non-violent direct action (NVDA) in 90 countries around the world, they have been effective in changing public conversations and attitudes, however there is more to be done to significantly reduce greenhouse gas emissions. Over the last 50 years, other environmental pressure groups' approaches haven't engendered significant change at policy level. While technology to produce renewable energy has existed for decades, there are still many vested interests and powerful lobbyists in fossil fuels, closely involved with world governments.

Extinction Rebellion has made three main demands to the UK Government, the first of which was '*Tell the Truth and declare a climate emergency*', which the government did in 2019 when it declared Climate Emergency. Many local authorities have also declared climate emergencies and now have climate officers with budgets for tackling climate locally, some of whom remain unclear about their next steps.

The second demand is '*Act Now*'. The UK Government is not currently taking the action they have committed to, and they continue to grant new licences for fossil fuel extraction which is a contradiction.

There are several ways individuals can act locally such as:

- Joining the campaign to stop Pembrokeshire County Council investing in Barclays bank, which has significant investments in fossil fuels.
- Supporting communities that are predicted to be subject to additional significant impact of climate change. For example, St Davids is twinned with a village in Lesotho and school students have been learning about the impacts of climate change in the country.
- As well as protesting, Extinction Rebellion teaches non-violence resilience. '*Trust the People*' is an initiative providing free online community engagement training, helping to build community resilience and training people to run People's Assemblies.

Focus on mitigation as well as adaptation, in other words, activism as well as solutions and local resilience building

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2. Number of attendees

A total of 24 people attended the virtual event including five speakers and additional facilitators. In terms of representation, there were people from public and voluntary sector organisations such as Hywel Dda University Health Board Public Health team, Pembrokeshire County Council Policy and performance, PAVS, PLANED, People Powered Results (part of the Nesta Social Innovation Agency), project and community representatives (e.g. Grwp Resilience, Newport community, Tanio (community arts group, Bridgend)), and other interested individuals.

A poll was conducted at the end of the session to gather feedback from those attending, participants were asked to rate the session out of 1-5 Stars (5 being excellent). 13 votes were received rating the event 4/5 stars, therefore concluding that attendees thought the session had met all of its' objectives.

Stars	No. of votes
5*	11
4*	2
3*	0
2*	0
1*	0

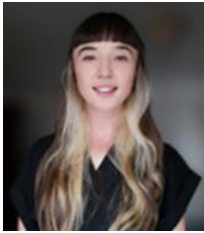
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3. Speaker's biographies



Rachel Kelway-Lewis Together for Change

I have a master's in Environmental Law and Sustainable Development, specialising in sustainable communities and Welsh housing policy but housing insecurity has also been a reality for me. Within two years, I moved eight times living in second homes, holiday lets and caravans due to the lack of affordable properties for rent or purchase.

My experience led to me working for local authorities in the sector. Whilst also becoming involved in Solva Community Land Trust on the board of directors in an active attempt to create sustainable solutions to the housing crisis plaguing rural Wales. I have spoken nationally to media sources including Sky News and the BBC, participated in documentaries, panel discussions, and consulted on The Second Homes in Wales Report (2022).

My passion is much broader than housing, I am interested in community engagement, sustainable development and policy that supports grass roots, community action, putting communities at the heart of sustainable solutions.



Cris Tomos PLANED

Cris is the Enterprise and Business Coordinator for PLANED and was initially on the board of PLANED from 2006 before joining the team as a member of staff in February 2016. Cris has been heavily involved with community development and has been a volunteer for several years on many projects, from Village Hall Treasurer to Board Member of 4CG Cooperative; community owned car parks, retail, offices, workshops and craft centre. In 2013 4CG also bought the old Police Station and Court House in Cardigan.

Cris is the Chair of Cwm Arian Renewable Energy cooperative with plans to develop renewable energy and low carbon solutions for communities in West Wales. Cris received the award of Welsh Co-operator of the Year in 2012 and Welsh Social Enterprise Champion of the year in 2013 Cris supported the community purchase of Tafarn Sinc where 509 people raised over £400,000 to buy the iconic pub in North Pembrokeshire.

In May 2017, Cris was elected as the county councillor for Crymych ward and was the Pembrokeshire County cabinet member for the Environment and the Welsh Language.



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Jeremy Wadia EcoDewi

Jeremy moved back to Pembrokeshire in 2019 with his family having fallen in love with the county when he served there in the Army. Having served almost 10 years in the British Army, around the UK and on operations overseas, Jeremy retired as a Captain and worked for an international web and mobile games business as their Chief Operating Officer. In 2015, keen for a new challenge, Jeremy spent 6 months travelling the world with his wife and young family, before returning to work with social enterprises and community groups on environmental, wildlife conservation, volunteering, and community engagement projects.

In February 2020 he helped co-found Eco Dewi, an environmental community group in the St Davids Peninsula, and has been delivering projects with the local community and developing the organisation since then.



Emma Lewis PACTO

Following a career in safety and operations in docks and shipping, Emma has worked for around ten years in Community Transport in Pembrokeshire, initially for Green Dragon Bus and then for PACTO, helping introduce the Green Dragon Car Scheme and Wheels2Work scooter scheme and working with the Dial-a-Rides around the County, Voluntary Car Driver schemes and Wheelchair Accessible car and minibus hirers, as well as the Bus Buddies project and innovative Take Me Too! lift matching service across the County and beyond.

Emma lives in Pembrokeshire with Mike and a cat called Kush, and enjoys walking, kayaking, canoeing and photography.



Mary Clifford Extinction Rebellion

I am a retired property lawyer, with a background before that of working in campaigning/the third sector, notably for Third World First, a student campaigning group raising awareness of poverty, oppression, and colonialism. I have two daughters in London in their early twenties. I've lived in many places in England, and Scotland, and went to school in Harlech in north Wales as a teenager. I now live in St Davids and feel very at home here.

Like many people I realised the urgency of the climate crisis once Greta Thunberg, David Attenborough, and Extinction Rebellion (XR) had raised the alarm. XR seemed to be the only group really grappling with the issue, and I joined in 2020. I'm active in some of the central teams within

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XR UK. We are non-hierarchical, non-violent, and not just protesting against the UK Government, but aiming to build a new culture where people take care of each other as well as the planet. Earlier this year a few of us set up an XR group in St Davids. We're still quite new but are making ourselves visible locally and linking with other groups in west Wales and want to work with local groups and people to increase awareness of the issues.



Jessie Buchanan Together for Change

Jessie coordinates the Together for Change (TfC) Programme, a third sector led strategic partnership started by the grass roots charity Solva Care with partners PAVS and PLANED. Jessie has progressed the co-produced TfC Programme of work in three key areas: strategies based on social and green models of wellbeing and prevention; building and using the evidence base to inform action; direct support for communities to meet their expressed needs and sustainability.

Jessie has considerable experience and knowledge of leading collaborative, multisectoral projects and is committed to working in areas that places the voices and needs of citizens and their communities of place at the heart of cross sectoral working.



Iwan Thomas (Chair) PLANED

Iwan is the Chief Executive Officer of PLANED and joined the organisation in October 2018 having worked in the public sector for over 20 years. Prior to joining PLANED, Iwan was the Regional Programme Manager for the North Wales Economic Ambition Board for five years and worked for the Local Government Data Unit Wales as its first appointed, Senior Consultant.

In addition to a master's degree in Business Administration, Iwan brings considerable experience from working across the private, public and third sectors in partnership across Wales, with current posts including being the Chair of the Board of Governors at Pembrokeshire College; an Independent Board Member of Hywel Dda University Health Board; and a Director on the Board of Visit Pembrokeshire.

Iwan is a passionate advocate of skills development and community engagement, having been invited to speak at many national conferences and seminars; and brings to PLANED, direct experience of developing the Regional Skills Partnerships model across Wales, and delivering sustainable outcomes for communities in partnership with employers and politicians on key projects of local, regional, and national significance.

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4. Thematic summary of discussion

As speakers presented their thoughts and experience of community-based solutions, attendees' ideas, commentary, and links were captured within the live 'chat' function. *Relevant weblinks have been shared in the references section.*

5.1 Main points from facilitated discussion

Reflecting on the speakers' presentations, attendees were asked to focus on opportunities for action, collaboration, and engagement. The following themes were drawn from this discussion.

5.1.1 Promotion, awareness raising and communication

Attendees felt that harnessing passion at the 'grassroots' level and working together to create a unified voice, would generate momentum to instigate small changes which could create significant impact. Sharing resources and expertise across groups working with communities would be beneficial as well as, more opportunities to promote key messages to the wider public, and equally with those who make strategic decisions. To do so, a range of actions were suggested including:

1. Reframing positive environmental behaviours as economically positive, for example not cutting local authority managed grass land could save local authorities money in a "Not cutting = cost cutting" campaign.
2. Promoting positive initiatives e.g., eco-homes for the local population, local food campaigns to support producers and re-localising the food chain.
3. Delivering events to help share knowledge and expertise by demonstrating what is being done locally and towards positive action nationally. One proposal was to have a 'environmental/climate action zone' at the Pembrokeshire County Show.

5.1.2 Networking, collaboration and sharing good practice

Thinking differently, communicating better and engaging communities, was felt to be essential to change the culture of working in isolation. A co-produced approach which shares engagement practice and brings together dispersed activities needs coordination, as well as a suitable platform. Immediate actions suggested included:

1. Taking opportunities to share good practice examples such as social enterprise, community projects and shops selling zero-waste products/refills.
2. Using experience of community action planning to support communities.

5.1.3 Influencing and challenging county, national and UK policy and strategic decision makers

Building public sector understanding and demonstrating the value of community and third sector involvement is believed to be essential. For example:



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1. Local energy for local people not only addresses climate change but is also a sustainable method of generating money to invest in communities.
2. Thinking creatively about funding for climate action, climate change issues must be rooted in the health and wellbeing agenda. Those developing strategies must ensure there are opportunities to directly hear from those taking action on the ground. For example, the 'One health' approach in Wales, is looking at the synergy between human health, animal health and the environment. In a bold and 'cutting edge' move that is leading the way for other Public Service Board partners in the county, the experience of Pembrokeshire Coast National Park Authority's newly appointed Head of Decarbonisation should be shared widely with other local and strategic decision makers.

Pressure is also needed to ensure Pembrokeshire County Council and Welsh Water act as enablers and supporters of local projects, helping to overcome barriers rather than working against them. The public must also challenge poor practice, moving towards positive and holistic solutions, including:

1. Community-based solutions such as those aligned to 'One Planet Living' and enabling development of eco-homes for the local population.
2. Demonstrating to decision makers how tenacious (and capable) communities are, with the determination to see a large project to fruition.
3. Offering to work with Pembrokeshire County Council, West Wales Climate Coalition, and others to articulate action for the county's declaration of Climate emergency. Ensuring key documents and progress on their Zero Carbon commitments are easily accessible to the public is also key.

5.2 Declaration

Those present decided that they wished to take forward a resolution that policy and regulations become aligned with a zero-carbon future. All agreed to support the following declaration:



"We will work together to deliver solutions for ourselves, rather than let others do it for us, but we need Welsh Government policies to support the aspiration in communities to take more ownership and enable sustainable Welsh opportunities rather than looking to others further afield to solve it for us."

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5. Key Conclusions

The small actions at a community level matter and can make a positive and meaningful difference in helping adapt to the impacts of climate change. However, this is an emergency that demands momentous action by the government and corporations. The Wellbeing of Future Generations Act (2015) places a legal duty on policy makers in Wales to consider the long-term impacts of their decisions, including those related to the climate and biodiversity. However, recognition of the underpinning impact of the climate emergency on other policy areas and more investment is needed in policy actions that move us towards a zero-carbon society in Wales is fundamental.

Some of the initiatives currently underway locally, could be conducted on a wider scale, such as collaborative work to re-localise food supplies, generating community renewable energy, and investing the proceeds in local climate action and using greener forms of community and public transport. In addition, public conversations and raising awareness around adaptation to climate change need to continue, along with working collaboratively in the county to take forward effective climate actions, ensuring that communities are strong, safe, and resourceful, for many generations to come.



6. Resources

6:1 Websites

1. Blue heart for Biodiversity campaign (<https://bluecampaignhub.com/>)
2. Cilrath Acre - community growing (<https://www.facebook.com/Cilrath.Acre>)
3. COP27 (COP27 - Home)
4. Cwm Arian Renewable Energy (CARE) (<https://www.cwmarian.org.uk/>)
5. EcoDewi (EcoDewi - St Davids Peninsula Sustainability Group)
6. Extinction Rebellion (Home - Extinction Rebellion UK)
7. Fareshare (<https://fareshare.org.uk/>)
8. Field of Beans (https://www.youtube.com/watch?v=fxCyDy_UkwE)
9. Frame (<https://www.pembrokeshire-frame.org.uk/>)
10. Friends of the Earth (Friends of the Earth | Home)
11. Greenpeace (Greenpeace UK)
12. Global Citizen (Global Citizen - Join the Movement Changing the World)
13. Just stop oil (Just Stop Oil – No New Oil and Gas)
14. Marine Conservation Society (<https://www.mcsuk.org/>)
15. Nature isn't Neat (<http://www.monlife.co.uk/outdoor/nature-isnt-neat/>)
16. No Mow May (<https://nomowmay.plantlife.org.uk/>)
17. One health approach
(<https://publichealthnetwork.cymru/event/climate-and-health-in-wales-one-health-approaches-to-tackle-the-climate-and-nature-emergency-in-wales/>)
18. One Planet Living (<http://www.oneplanetcouncil.org.uk/>)
19. Pembrokeshire Association of Community Transport Organisations
(<https://www.pacto.org.uk/>)
20. PLANED (<https://planned.org.uk/>)
21. Sustainable Development Fund (Sustainable Development Fund (SDF) - Pembrokeshire Coast National Park)
22. Statkraft (<https://www.statkraft.co.uk/>)
23. Take Me Too (<https://takemetoo.co.uk/en/pacto/>)
24. Together for Change (<http://www.tfcembrokeshire.org>)
25. The Intergovernmental Panel on Climate Change (IPCC — Intergovernmental Panel on Climate Change)
26. Trust the People is a movement of community builders committed to building a real democracy from the grassroots up (www.trustthepeople.earth)
27. United Nations (COP27: Delivering for people and the planet | United Nations)

28. Wellbeing of Future Generations Act (<https://www.futuregenerations.wales/about-us/future-generations-act/>)
29. West Wales Climate Coalition (<https://climate.cymru/partners-directory/west-wales-climate-coalition/>)
30. WWF (Climate change resources for schools | WWF)
31. Awesome Wales - social enterprise Zero waste store and coffee shop (<https://awesome.wales/>)
32. XR (Extinction Rebellion) Cymru (<https://xrcymru.wales/>)
33. XR Pembrokeshire Group (<https://www.facebook.com/groups/2190453237868296/>)

6:2 Literature

1. Barton.H - Sustainable communities the potential for eco-neighbourhoods
2. Calon Cymru network - Feasibility of a resilient neighbourhood at Llandoverly (<https://www.carmarthenshire.gov.wales/media/1217316/calon-cymru-study.pdf>)
3. Chris Johnstone and Joanna Macy, Active Hope (Revised): How to Face the Mess We're in With Unexpected Resilience and Creative Power (2022) New World Library
4. Christiana Figueres and Tom Rivet- Carnac, The Future We Choose: Surviving the Climate Crisis (2020), Manilla Press
5. Committee on Climate Change - Net Zero The UK's contribution to stopping global warming (Net Zero - The UK's contribution to stopping global warming - Climate Change Committee (theccc.org.uk))
6. C Grey et al - Community-led action in response to the COVID-19 pandemic in Wales: a national, cross-sectional survey (main.pdf (nih.gov))
7. C Ludwig and G Ludwig - Empty gestures? A review of the discourses of 'localism' from the practitioner's perspective (Empty gestures? A review of the discourses of 'localism' from the practitioner's perspective - Carol Ludwig, Gregory Ludwig, 2014 (sagepub.com))
8. D Hancox - Great British sell-off: how desperate councils sold £91bn of public assets (<https://www.theguardian.com/cities/2019/mar/05/great-british-sell-off-how-desperate-councils-sold-91bn-of-public-assets>)
9. Dimitrov. R - The Paris Agreement on Climate Change: Behind Closed Doors
10. Doig.A et al - Off target Ranking of EU countries' ambition and progress in fighting climate change
11. Dolšak, N et al - The Politics of Climate Change Adaptation
12. ECOLISE - Reshaping the Future, The First Status Report on Community-led Action on Sustainability & Climate Change in Europe 2019

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13. Environment (Wales) Act (2016) fact sheet (<https://gov.wales/environment-wales-act-2016-factsheets>)
14. Fischer, A, et al - Community-led initiatives' everyday politics for sustainability – Conflicting rationalities and aspirations for change?
15. Franklin, A et al - (Dis)connected communities and sustainable place-making
16. R Gropp et al - From Climate Emergency to Climate Response
17. G.Walker - The role for 'community' in carbon governance
18. Hausknot, D et al - Investigating patterns of local climate governance: How low-carbon municipalities and intentional communities intervene in social practices
19. Holstead.K, et al - Putting community to use in environmental policy making: Emerging trends in Scotland and the UK
20. Howard, E - Could community land trusts offer a solution to the UK's housing crisis? (<https://www.theguardian.com/society/2014/jun/25/community-land-trusts-uk-housing-crisis-east-london-mile-end>)
21. Harry Thompson - Our Land: Communities and Land Use' (https://www.iwa.wales/wp-content/media/IWA_Our-Land-Communities-and-land-use.pdf)
22. Holstead. K et al - Putting community to use in environmental policy making: Emerging trends in Scotland and the UK
23. Institute for public policy research - THIS IS A CRISIS FACING UP TO THE AGE OF ENVIRONMENTAL BREAKDOWN' (<https://www.ippr.org/files/2019-02/risk-and-environment-feb19.pdf>)
24. Institute for government - POLICY MAKING IN THE REAL WORLD (<https://www.instituteforgovernment.org.uk/sites/default/files/publications/Policy%20making%20in%20the%20real%20world.pdf>)
25. Kulbicki, L - Does Welsh National Planning Policy effectively address Low Impact Development in the open countryside?
26. Kumar, C - Britain just declared a climate emergency What happens next? (<https://www.opendemocracy.net/en/oureconomy/britain-just-declared-climate-emergency-what-happens-next/>)
27. Lawson, N, et al - Their community spaces are being sold off but these people are fighting back (<https://www.thebureauinvestigates.com/stories/2019-03-06/communities-fighting-back-against-council-sell-offs>)
28. Lorenzoni, I, et al, Engaging the Public with Climate Change
29. N Lunt and others, 'Strengths, assets and place – The emergence of Local Area Coordination initiatives in England and Wales

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30. Paul Hawken, Blessed Unrest: How the Largest Social Movement in History is Restoring Grace, Justice and Beauty to the World (2007) Penguin Books
31. Senedd Cymru - Inquiry into community assets' (<https://business.senedd.wales/mgConsultationDisplay.aspx?id=463&RPID=1029632611&cp=yes>)
32. State of Nature Report (2019) (<https://nbn.org.uk/wp-content/uploads/2019/09/State-of-Nature-2019-UK-full-report.pdf>)
33. Wimbush, P - Sustainable Land Management Consultation 2014 (<http://www.oneplanetcouncil.org.uk/wp-content/uploads/2014/02/Inquiry-on-sustainable-land-management-Submitted-by-Paul-Wimbush.pdf>)
34. Welsh Assembly Government - The Sustainable Development Scheme of the Welsh Assembly Government (<http://www.wales.nhs.uk/sitesplus/documents/829/One%20Wales-%20One%20Planet%20%282009%29.pdf>)
35. Welsh government - Welsh Government makes climate emergency declaration' (<https://gov.wales/welsh-government-makes-climate-emergency-declaration>)

6:3 Podcasts

1. BBC World Science – The Climate Question (The Climate Question on Apple Podcasts)
2. Drilled Podcast (DRILLED Podcast)
3. For what it's Earth (For What It's Earth on Apple Podcasts)
4. Gimlet – How to Save the Planet (How to Save a Planet | Gimlet (gimletmedia.com))
5. Outrage and Optimism (Climate Change Podcast | Outrage + Optimism (outrageandoptimism.org))
6. Generation One: The Climate Podcast (Generation One: The Climate Podcast | Climate Change - UCL – University College London)
7. The Guardian – COP27: Was this the year climate progress unravelled? (COP27: was this the year climate progress unravelled? | News | The Guardian)

Ideas Unlimited

Appendix 1 - Event Programme

Syniadau Diderfyn : Ideas Unlimited

Session #3 Tackling the Climate Emergency

Wednesday 16th November 4:30 – 6:30

<https://us06web.zoom.us/j/8543630380>

4:30 Welcome and Introduction - **Jessie Buchanan**, Together for Change

Chair: **Iwan Thomas**, PLANED

4:35 Tackling the Climate Emergency: The need to act now – **Rachel Kelway-Lewis**, Together for Change

4:45 Community Renewables - **Cris Tomos**, PLANED

5:05 EcoDewi: Communities improving the natural environment - **Jeremy Wadia**, EcoDewi

5:25 ---- BREAK ----

5:30 Community Transport - **Emma Lewis**, Pembrokeshire Association of Community Transport Organisations (PACTO)

5:45 Climate Change Activism - **Mary Clifford**, Extinction Rebellion

6:00 Discussion and round up

6:25 Closing remarks - **Jessie Buchanan**

6:30 Finish

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