



NEWCASTLE EMLYN CLIMATE RESILIENCE PLAN

December 2020



Produced with the support of:



NETHERWOOD SUSTAINABLE FUTURES
Sustainable Governance Policy Practice



**WELLBEING
Planner**

<p>This Plan</p> <p>is about Climate Resilience - planning for a different future as a result of climate change that we are already tied into:</p> <p>which includes more frequent severe weather, flooding, impacts on Newcastle Emlyn's natural environment, infrastructure, economy and community</p> <p>it provides:</p> <ul style="list-style-type: none"> • an overview of climate impacts and risks to the town • priorities for organisations, community groups and individuals to work on to build resilience <p>N.B this is not about Climate Mitigation (reducing our emissions, low carbon and decarbonisation) although this needs to happen too. This work is complementary to decarbonisation activity.</p>	<p>This Plan</p> <p>has been co-produced by a wide variety of stakeholder organisations and individuals from the community – facilitated by:</p> <p>Dr. Alan Netherwood (Netherwood Sustainable Futures) alan.netherwood@gmail.com</p> <p>and Dafydd Thomas (Well-being Planner) dafydd@wellbeingplanner.co.uk</p> <p>on behalf of Carmarthenshire and Ceredigion Public Services Boards.</p>
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The Plan contains the following Sections:

Section 1 –WHY PLAN FOR CLIMATE RESILIENCE?

- 1.1 Background to the Plan
- 1.2 Expected changes to our climate in coming decades

Section 2 – BUILDING UNDERSTANDING OF FUTURE CLIMATE IMPACTS

- 2.1 Who contributed and how?
- 2.2 How do people and organisations in Newcastle Emlyn view the local risks from climate change?

Section 3 – PRIORITIES TO BUILD CLIMATE RESILIENCE

- 3.1 Delivering change – through four priorities
- 3.2 Next steps with two Councils, PSB, agencies and communities

Appendix: Contributors to the Plan

SECTION 1 – WHY PLAN FOR CLIMATE RESILIENCE?

1.1 Background to the Plan

The public sector and its partners want to understand ways to plan for climate risk with local communities

- a) This Plan is a key output of a West Wales Climate Resilience Project, supported by the Public Services Boards (PSBs) in Pembrokeshire, Carmarthenshire and Ceredigion¹ and paid for by Natural Resources Wales. This project aimed to work in detail in two pilot communities in west Wales: Fishguard & Goodwick and Newcastle Emlyn in order to understand:
 - potential risks to the community from climate change impacts
 - how members of these communities, agencies, authorities, local groups and local businesses can work together with the public sector and others to make these towns resilient to future change
 - how this informs wider climate adaptation work across the region
- b) The outputs of the project are climate resilience plans for both Fishguard & Goodwick and Newcastle Emlyn and a short report to the PSBs in early 2021. The work has been coordinated by Dr. Alan Netherwood and Dafydd Thomas, two climate experts and facilitators who have worked with other communities elsewhere in Wales on this issue.
- c) The specific work on the Newcastle Emlyn Climate Resilience Plan started in March 2020. In summary it aimed to:
 - co-produce climate resilience plan for Newcastle Emlyn with specific actions
 - involve residents, groups, councils, agencies, utilities, businesses,
 - use survey, meetings & 1-1 discussions to engage these stakeholders
 - consider evidence of recent climate change, understand views of how the town copes with severe weather in the present, understand local priorities for planning for future change, and the nature of local risks
 - develop a set of priorities with specific interventions to build resilience.
- d) The original timescale was to work in March and April 2020, to engage the community and agencies in facilitated face-to-face workshops, mapping and planning activity. This approach had to be radically adapted in close consultation with PSBs in relation to COVID pandemic. An alternative approach of online surveys in summer and virtual workshops in September, October and November 2020 and 1-1 discussions and support was adopted.
- e) This Plan and the PSB Report will be reported to the PSB, its Climate Change Sub-Group Carmarthenshire and Ceredigion County Council in early 2021 in order to progress its priorities.

¹ These PSB's are made up of local councils, Natural Resources Wales, Health Boards, Police, Fire & Rescue and a range of other public, third sector and community sector partners.

1.2 Expected changes to our climate and potential impacts in coming decades

The evidence available to us on a UK and Wales level points to a wide set of combined impacts that will be felt at a local level. These need planning for.

- a) As part of the project, the community, authorities and agencies received an overview of what types of climate change we can expect based on the latest available predictions. A key message in this material is that despite our best efforts in carbon reduction, past carbon emissions mean that that we need to plan for a very different future.
- b) **What does the science tell us?** All of the modelling and risk assessments² tell us that our climate is warming in the UK and that as a result, it means we can expect more frequent and severe incidents of extreme weather in the future, risks which our communities need to plan for. We can expect more frequent prolonged summer heatwaves; an increase in winter rain and snow; less rain in summer, but more intense downpours; wetter winters; and an increase of water flows in our rivers. A sea level rise of over 1m will also present our communities with greater risk from river and coastal flooding. The likely impact of these changes on our communities will be complex and will be very different from place to place across Wales.
- c) **What should we be planning for up to 2050?** The evidence suggests in Wales³, that we will need to consider the following issues at a regional and local level:
- think about our infrastructure - our roads, bridges and railways to keep them working
 - design buildings to limit damage from storms and floods and risks from overheating
 - plan for changes to our soils, food production and farming
 - manage water to have enough during droughts and deal with too much during flooding
 - manage impacts on the health of the elderly and very young
 - prevent and cope with increased numbers of forest and grassland fires
 - protect coastal communities and let some of them go
 - manage our landscapes to minimise risks, through tree planting to reduce flood risk
 - plan our utilities to ensure our energy, water, communications and IT 'kit' can cope
 - manage our businesses to make sure they are prepared and can keep going
 - create wildlife corridors to ensure species can migrate
- d) **We can expect more severe and frequent extreme weather in the future** West Wales is no stranger to extreme weather. Storm Eleanor in January 2018 left homes without power, caused travel disruption, infrastructural damage and flooding. Storm Emma in March 2018 brought heavy snowfall to Pembrokeshire, impacting on vulnerable residents and water supplies. Storm events have resulted in large amounts of rainfall causing landslides. During the summer heatwave of 2018, high temperatures resulted in melted roads and grassland and moorland fires in the area. In Carmarthenshire, wells and boreholes dried up, disrupting private water supply in rural areas. These individual incidents of extreme weather impact on peoples' health, livelihood and well-being as well as causing substantial financial costs from repairing the damage to homes, businesses and community. The long-term projections mean that communities will be facing these types of challenges more frequently and with greater intensity.

² UK Committee on Climate Change Wales Summary <https://www.theccc.org.uk/uk-climate-change-risk-assessment-2017/national-summaries/wales/>

³ <https://gov.wales/adapting-our-nation-climate-change-welsh-government-publishes-climate-change-adaptation-plan>

Section 2 – BUILDING UNDERSTANDING OF FUTURE CLIMATE IMPACTS

We need to understand the nature of the risks to the locality. Residents agencies and authorities all have a role to play in building this local picture of climate impact and risks

2.1 Who contributed and how?

COVID presented the project with a challenge, as activity which would ordinarily have taken place in groups, meetings and workshops needed to manage virtually. This was done through the following activities:

Summer 2020 survey – an online survey using MeetingSphere⁴ software enabling residents, groups and agencies to answer the following questions:

Past experience of climate change: have you seen any evidence of climate change during your life through changes to the seasons, wildlife or the types of extreme weather events in Newcastle Emlyn or elsewhere?

Local risks: What do you think the key risks are to your community from climate change?

Current experience of severe weather events: How do you think your community copes with severe weather currently? Is there anything we can learn from this inform our response in the future?

Future planning for climate impacts: Have you any advice to future decision makers on managing climate risks in your community?

28th September virtual workshop#1: this included exercises to think more deeply about risks to the town's infrastructure and environment; economy and community; a discussion about how to engage agencies and community to understand risks and response; and ideas for next steps to engage more people, agencies and organisations in the towns. Agency representatives, local groups and residents took part.

19th October virtual workshop#2: this included updates on discussions with stakeholder organisations – (see list of 1-1 discussions below); and exercises to identify specific actions from the risks that had been identified. Agency representatives, local groups and residents took part.

26th November virtual workshop#3 this included update on discussions with stakeholder organisations, and detailed discussions on planning on emerging priorities for the plan with the Council and other participants. Elected members, Council officers and agency representatives, local groups and residents took part.

1-1 discussions with agencies, groups and individuals via phone and video-links with Natural Resources Wales, Ceredigion Council and Carmarthenshire Council officers and elected members, Menter Gorllewin Sir Gaer, Carmarthenshire Association of Voluntary Organisations, representatives of Ceredigion PSB, Newcastle Emlyn Traders Group, Chilmark Consulting and local residents.

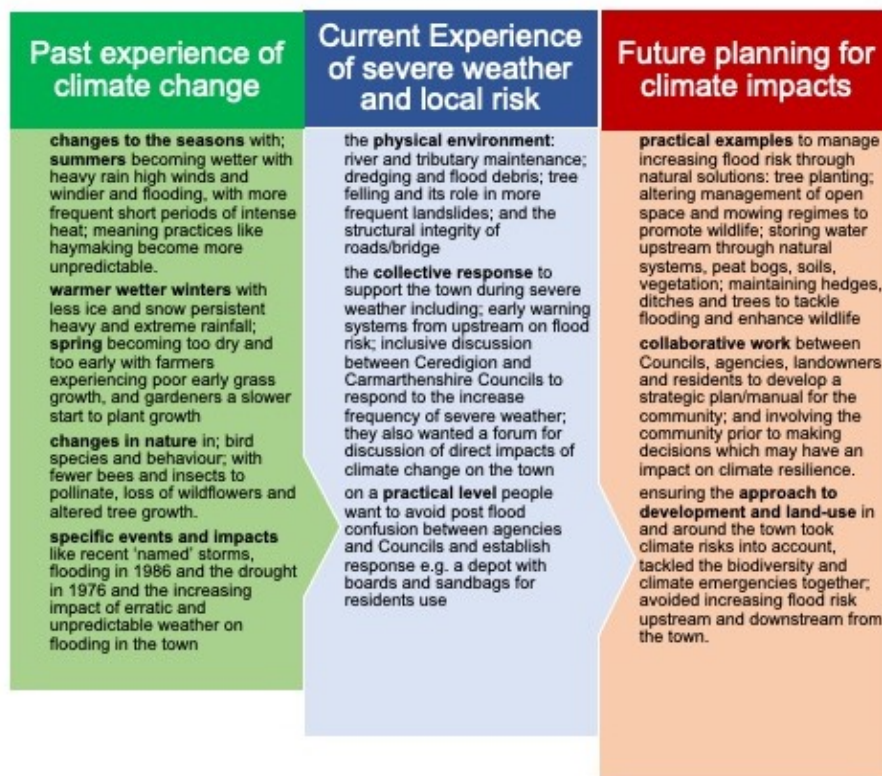
Reflections on engagement: While the project has understandably had difficulties in engaging with the community and many individuals at this difficult time, with stakeholders' attention being focused

⁴ MeetingSphere is collaborative meeting software which gets people involved. For more information visit <https://www.meetingsphere.com>

on dealing with the pandemic and the limitations of virtual workshops; their views are still well represented in the Plan, especially given the contributions from many agencies and groups above in 1-1 discussions. Indeed, some of the priorities and actions in this Plan are aimed directly at developing a wider and more detailed appreciation of climate risks in the community and community views on this issue in 2021. In total 34 individuals have contributed directly to the thinking in this plan. They are listed in the Appendix One.

2.2 How do people and organisations in Newcastle Emlyn view the local risks and challenges from climate change?

- a) The survey gave us a *first* indication of people's lived experience on climate change, local concerns and reflections on how we might re-organise ourselves in the future to plan for future climate change.



- b) These issues were explored in more depth in the September workshop where participants were able to build a more detailed picture of potential impacts and risks in four areas; to the Town's infrastructure; to the natural environment; to the community; and to the Town's economy.
- c) Detail was gathered on potential climate risks to Newcastle Emlyn's infrastructure; the natural environment; the Towns' economy and communities:

This is shown in the following two pages and indicates which organisations and groups need to get more engaged. This material was used in 1-1 discussions and in the workshops during October and November, to understand which issues were of priority to work on to build climate resilience.

NEWCASTLE EMLYN INFRASTRUCTURE

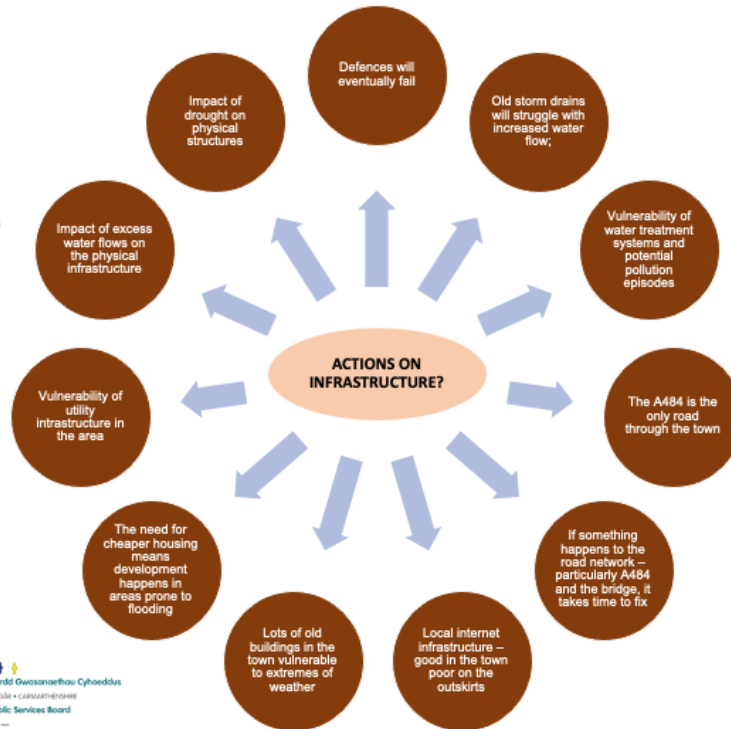
We started to learn more about local impacts and concerns

Mapping these would help people and agencies to understand inter-connected risks to the town and their cumulative impacts.....

We need to hear more from

- Welsh Water,
- Western Power Distribution,
- County Council
- Town Council
- Natural Resources Wales

about infrastructural resilience and to share the information that agencies already have.



NEWCASTLE EMLYN ENVIRONMENT

We started to learn more about local impacts and concerns

People and agencies need to understand the cumulative impact of inter-connected risks to the town.....and share the information they already have

We need to hear more from

- Dwr Cymru
- Natural Resources Wales
- Local wildlife groups
- Landowners
- Farmers and Farming Groups
- County Council

On these issues – how can we reduce negative impacts and work with nature to prepare?



NEWCASTLE EMLYN ECONOMY

We started to learn more about local impacts and concerns

There are many questions that need exploring about resilience in the town.....

We need to hear more from

- the business community
- Traders Group
- the Town Council
- the County Council
- Emergency Services and
- Natural Resources Wales

on the potential costs of climate change and impacts on the town's economy.



NEWCASTLE EMLYN COMMUNITY

We started to learn more about the community, local agencies, local assets and overall needs in the face of climate change (see Appendix Two).

There is a need to make people aware of the risks and how to managing them.

How might work going forward communicate, educate and involve people within the community?

Ideas emerged on engaging with young people and the school as well agency/community collaboration.

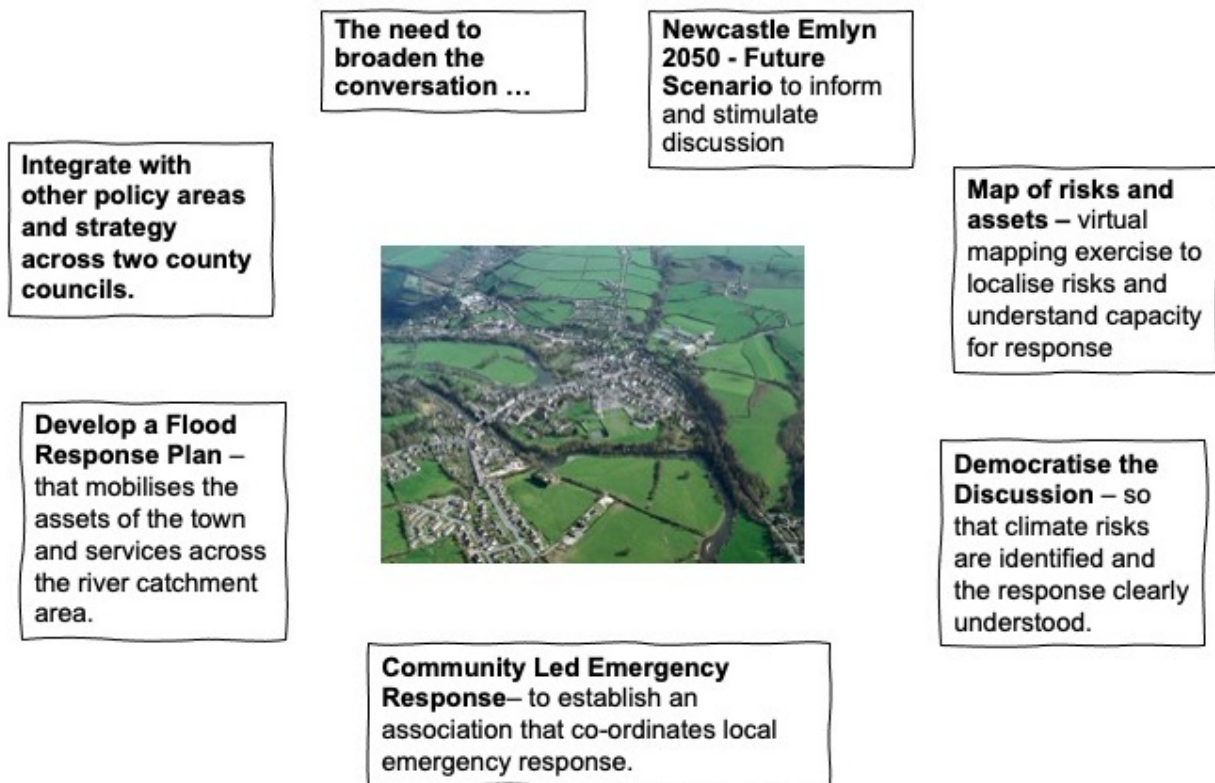


Section 3 – PRIORITIES TO BUILD CLIMATE RESILIENCE

What priorities have emerged? – and what activities can help the Council, PSB agencies and community to work together to build climate resilience in Newcastle Emlyn?

3.1 Delivering change – through five priorities

- a) As a result of the discussions describe previously, a number of potential priorities were identified and explored. These are shown below. The November workshop focused on the work that had been carried out looking at local assets, the purpose of a Community Led Emergency Response Plan and the role of Future Scenarios to inform and stimulate discussion.



- b) Following this workshop, a technique was used called Theory of Change, which took each priority and identified potential: actions, outputs, outcomes, impacts, how success might be measured and responsibilities for next steps. This provides details of specific activity rather than an aspirational 'wish list' and what others' ought to do'. As a result of this several priorities were merged.
- c) The following five priorities were selected: The theory of change for each is shown on the following five pages and form the Newcastle Emlyn Climate Resilience Plan: these are focused on:
- 1. Developing a Community Led Emergency Response Plan**
 - 2. Holding a Citizens' Jury**
 - 3. 2050 Climate Change Scenario to engage the community and**
 - 4. Developing a Climate Risks and Assets Map**

NEWCASTLE EMLYN CLIMATE ADAPTATION PLAN – PRIORITY 1

Community Led Emergency Response Plan – dealing with the emergency before, during and bouncing back.



ACTIONS

What activity is proposed

Build upon the Adpar Community Response Plan (updated in March 2019) to include the whole of Newcastle Emlyn as part of a Community Led Emergency Response Plan.

Carry out a risk assessment for the whole town that includes the risks previously identified in the Adpar Plan, such as River Teifi flooding, bridge collapse or closure; prolonged snowy conditions, a major fire, loss of water supply and loss of electricity.

Carry out a risk assessment for the whole town that includes risks identified during this pilot including: landslides, sewerage flooding, wind and storm damage, pollution incidents, wildfires, loss of internet access and the limits of emergency services capacity to respond to an increasing number of incidents.

Identify the following (as per the Adpar Plan):

- Carry out a local skills and resource assessment;
- Identify key locations as places of safety;
- Create an emergency contact list – to include a lead councillor and Civil Contingencies officer in Ceredigion and Carmarthenshire Councils;
- Create a list of those who can identify the especially vulnerable such as local doctors, pharmacists, utilities, local councils, ambulance services and Dyfed Powys Police;
- Identify activation triggers for this plan;
- Agree first steps and further actions with Community Emergency Group responders;
- Identify alternative arrangements for communications during emergency conditions; and
- Gather a list of useful telephone numbers.

Make the plan available to every resident and business within and around Newcastle Emlyn.

Establish a Community Emergency Group tasked with delivering the plan.

Link plan and Group to Dyfed Powys Resilience Forum.

OUTPUTS

What will they be?

A constituted Community Response Group.

A Plan Coordinator.

A plan made available to every resident or property as a hardcopy, online and via social media.

Details of the plan activation triggers, first steps and Community Emergency Group available online, via social media and as a hard copy in a number of locations across the town.

A list of useful telephone numbers as hard copy, online, via social media and in a number of locations across the town.

OUTCOMES

What are the likely outcomes?

Residents, business owners, community groups, service providers and other agencies in Newcastle Emlyn

understand how to identify and respond to an emergency situation triggered by the range of risks identified within the plan.

IMPACTS

What impacts might it have?

Data will be gathered about the different climate and non climate triggers in relation to emergencies in Newcastle Emlyn.

Stakeholders will be provided with the evidence of climate triggers to influence long-term thinking and planning in the area.

SUCCESS

How will we know if it has worked?

A Community Led Emergency Response Plan is developed and resourced for the whole of Newcastle Emlyn.

Acknowledgement that risks to life and property include those discussed during this pilot in addition to those detailed in the original Adpar Community Emergency Plan (2019).

The group and its plan are integrated with the Dyfed Powys Resilience Forum.

DELIVERY

Who and what next?

NRW, local county councillors, Carmarthenshire and Ceredigion County Council to bring together a Task and Finish Group with the community and local business to begin to deliver the Newcastle Emlyn Community Led Emergency Response Plan.

NEWCASTLE EMLYN CLIMATE ADAPTATION PLAN – PRIORITY 2

A Citizens' Jury – to democratise how the Climate Risks are identified and managed to help the town to cope



ACTIONS What is proposed?	OUTPUTS What will they be?	OUTCOMES What are the likely outcomes?	IMPACTS What impacts might it have?	SUCCESS How will we know if it has worked?	DELIVERY Who and what next?
<p>Hold a Citizens' Jury made up of young people from one or more of the following: Ysgol Bro Telfi; Ysgol Gyfun Emlyn; Ysgol Y Ddwyllan Primary School; and Clwb Ffermwyr Ifanc.</p> <p>Enrol officers and representatives as witnesses from the Carmarthenshire and Ceredigion county councils, NRW, PSB, Antur Telfi; Menter Group; Merched y Wawr; King George V Playing Fields Committee; Newcastle Emlyn Community Forum; Ten Towns Local Growth Plan Teams; the Town Council; Local Traders Group and two county voluntary councils.</p> <p>Ask the witnesses to prepare statements that present the steps they're taking as local leaders and decision makers about Newcastle Emlyn's ability to identify and manage the risks it's already experiencing as a result of climate change.</p> <p>The Citizens' Jury then publish a statement with recommendations based on the testimony of the participating witnesses.</p> <p>Hold the Jury both on online and in a suitable venue to ensure that the discussions can be shared to all the members of the local community.</p>	<p>A written statement assessing Newcastle Emlyn's ability to identify and manage the risks the town experiences as a result of climate change.</p> <p>Recommendations for the attention of the witnesses and agencies who took part.</p> <p>A number of recorded witness statements from different organisations giving details on how they are identifying and managing the risks of climate change.</p> <p>Lots of content that can be shared on social media, held on a website or shared as a hard copy document.</p>	<p>Representatives from participating organisations will give an account of their response to climate risks.</p> <p>Organisations who don't participate miss the opportunity to discuss and reassure the Citizen's Jury that they are proactively responding to risks of a changing climate on Newcastle Emlyn's economy, community, infrastructure and environment.</p> <p>A diverse range of people in the community can explore climate risks to the locality from a safe 'distance' and understand the complex nature of risks and response.</p> <p>The Jurors themselves will become engaged in the issues and will continue to hold local agencies and organisations to account going forward.</p> <p>Data can be gathered to inform PSB Wellbeing Plans; NRW Area Statements and Council forward planning and interventions on the ground and within the community.</p>	<p>Give local residents an insight on the issues and organisations involved in driving any change around Newcastle Emlyn.</p> <p>The Jurors themselves will be a group of young people who are engaged about climate change and excited enough to create change through the democratic processes available.</p> <p>These discussions will help surface local solutions on how best to manage the risks inherent in a changing climate.</p> <p>This information gathered during the Citizens' Jury will provide residents with information to begin to challenge and influence long-term thinking on the future of the community.</p>	<p>The material developed from the Citizens' Jury informs plans, responses and operational activity in the community.</p> <p>There will be a core group of young Jurors who continue to hold local decision makers and agencies to account on adapting to the risks of climate change.</p>	<p>The PSB, NRW, Ceredigion Council, CAVO, Carmarthenshire Council, CAVS and the local schools identify resources now to deliver in FY 2021/21.</p>

NEWCASTLE EMLYN CLIMATE ADAPTATION PLAN – PRIORITY 3

Newcastle Emlyn 2050 Future Scenario - to inform and stimulate discussion



ACTIONS

A single or series of 2050 Future Scenarios are developed to inform and stimulate discussion on the future of the towns in relation to:

- climate risks and how they have impacted locally by 2050;
- how the town has coped in responding between now and 2050;
- what could have been done better if action had been taken sooner;
- how a changed climate has impacted on the town's and surrounding area's liveability and everyday lives including: Business; Tourism; Young people; Old people; Wildlife; Transport; Infrastructure; Health and Farming;
- how leaders and the community have responded; and
- What this can tell us about likely impacts and response needed.

Audiences to include: +50 friendship group; Ysgol Bro Teifi Cyngor Eco; Ysgol Gyfun Emlyn; Ysgol Y Ddwylan Primary School Eco Council; Newcastle Emlyn Bowls Club, Newcastle Emlyn Football Club, Newcastle Emlyn Rugby Club; Annual Food Festival; Clwb Ffermwyr Ifanc; Antur Teifi; Menter Group; Merched y Wawr; King George V Playing Fields Committee; Newcastle Emlyn Community Forum; HUTS Mental Health group; Ten Towns Local Growth Plan Teams; Town Council; Local Traders Group; two county councils, two county voluntary councils and NRW.

OUTPUTS

What will they be?

A single or series of 2050 Future Scenarios where climate change has impacted.

Workshops with target audience under the following options:

a) pre written scenario to stimulate discussion, explore risks and impacts. Looking at the identified risks are the responses in the current plans adequate? Are they sufficiently focused?

b) and/or build up the scenario in the workshop with stakeholders. This is used a learning exercise to understand the complexity of the climate risks.

Outputs materials include graphics, maps, priorities for planning, letters from the future; and recommendations to decision makers.

OUTCOMES

What are the likely outcomes?

A diverse range of people in the community can explore climate risks to the locality from a safe 'distance' and understand the complex nature of risks and response.

Exploring/building scenarios will elicit discussions about what is needed to plan forward and the sufficiency of current approaches.

Exploring/building scenarios will help the community to explore their own role in climate adaptation, the responsibilities of others and opportunities and constraints for action.

Data can be gathered to inform PSB Wellbeing Plans; NRW Area Statements and Council forward planning and interventions on the ground and within the community.

IMPACTS

What impacts might it have?

Residents, young people, businesses and agencies will be able to explore a range of complex issues together in an accessible way.

This will raise awareness of climate risks and the required responses.

This awareness will provide residents with information to begin to challenge and influence long-term thinking on the future.

Councils, NRW and local agencies and groups will have a greater understanding of peoples priorities, concerns and ideas about climate risk.

This will help the long-term planning - informed by and developed with, the local community.

SUCCESS

How will we know if it has worked?

A diverse range of groups, residents, Councils and agency representatives have explored local climate risks and response through future scenarios.

The material developed from the workshops informs plans, responses and operational activity in the community.

DELIVERY

Who and what next?

Identify a working group from the PSB, local residents, local councils and CVCs, business and landowners. Run workshop and produce outputs to engage the audience.

NEWCASTLE EMLYN CLIMATE ADAPTATION PLAN – PRIORITY 4

Climate Risks and Asset Map – mapping exercise to localise risks and understand the assets available to respond.



ACTIONS

What activity is proposed

A virtual map is developed between the agencies, the two councils and the community as a tool to inform future planning and support all the activity within this Climate Resilience Plan.

This map should be developed with existing data and information gathered during this pilot, to enable the community agencies to explore relationships between different risks and local assets.

This information should be provided in a user friendly format to provide an overview of likely climate risks from:

- River and surface water flooding;
- Power infrastructure, water resources
- Transport infrastructure; and
- Land stability.

This mapping exercise should also capture:

- Opportunities for nature based solutions to minimise climate risks and
- Other social, economic and environmental assets that can help build local resilience such as local associations, institutions, placed based assets and all manner of connections within the town and surrounding area.

This information should be used to stimulate further discussion on climate resilience and encourage residents, groups and public sector officers to develop a clear picture and narrative of local climate resilience.

OUTPUTS

What will they be?

A virtual map with information and instructions on how to interpret the information on it.

Available in pdf, ppt slides; online; via social media to stimulate discussion on climate risk and adaptation within the community.

A caveat that the map is produced as an awareness raising tool, and to explore multiple **potential** climate risks and local asset which can help to manage these risks.

A clear plan for the maps' dissemination and use.

OUTCOMES

What are the likely outcomes?

Relevant local data will be collected and shared to understand the scale, nature and gravity of combined climate risks.

The map will stimulate discussion between the community and agencies on ways to adapt to expected changes to the climate.

Specific opportunities for adaptation will be identified.

IMPACTS

What impacts might it have?

The community will be better informed about how relevant bodies view climate risks and where data gaps exist.

Agencies will better understand the information available from other bodies to inform their own work and where data gaps exist.

The community will be able to use the information to challenge authorities and bodies on how they are addressing climate risk to the community.

The PSB and constituent organisations will learn about the level of detail needed in a map to engage the community and each other on climate adaptation.

Participants will understand the strengths based components of community resilience.

SUCCESS

How will we know if it has worked?

The community, authorities and agencies are able to use the information on the map to understand multiple climate risks and identify necessary adaptation actions.

DELIVERY – WHO AND WHAT NEXT

PSB, Ceredigion Council, Carmarthenshire Council, NRW, CAVO, CAVS and others involved in this pilot to date to work together to produce a map for the town from January – March 2021.

Mapping and IT expertise from the PSB to be utilised to make to make a map available in multiple formats:

- to support other activities in this Plan;
- to enable the map to be added to and updated over time.

3.2 Next steps with the Council, PSB, agencies and community

Who needs to do what to implement this Plan?

- a) This is what climate adaptation looks like at a local level, taking a long-term, complex and multi-faceted issue and thinking about its impact on a community and some of the responses required. The priorities are a mixture of
- **further capacity building** to engage the community and communities of interest (2050 Scenario and the Citizens' Jury);
 - **evidence gathering** on the Town's ability to function under climate change (Mapping); and
 - **planning for future climate impacts on Newcastle Emlyn** by the community, authorities and local agencies (Community Led Emergency Response Plan).
- b) These are **recommended priorities** which have been determined by engagement with both the community and bodies or agencies that work in the community. **The timeframes and responsibilities for delivery still need to be determined.** It is recommended that the following bodies and groups determine and agree how this will happen in early 2021.
- c) **Public Services Boards** – the PSBs could: consider how they can support delivery of this plan in their sub-group and full PSB meetings between January and March 2021; and support delivery of these during 2021 and receive a report back on progress later in the year.
- d) **PSB member organisations** - could assign specific responsibilities to the staff to provide information and representation to deliver the priorities (especially the Task & Finish Groups) during 2021; and to report back to the PSB on progress and how they have contributed to delivery. They could develop a staged and sequenced delivery of these priorities in 2021/22, assigning resources through their own business planning.
- e) **Agencies, emergency services and utilities** – could provide a single point of contact to support the Climate Risks & Assets mapping exercise to develop a map which the community can use to understand multiple climate risks and their effect on the community.
- f) **Community involvement** - Newcastle Emlyn Town Council, Newcastle Emlyn Traders Group, Carmarthen Association of Volunteers, Ceredigion Association of Volunteers, Menter Gorrlewin Sir Gaer, the local schools and youth organisations and others could organise their membership to provide representation and input into delivering the priorities; to advise agencies on community needs; and use the outputs to engage their networks on climate adaptation. The 2050 Scenario and the Citizens' Jury priorities have the potential to engage a wide range of people in the community.
- g) **Individuals** - those engaged in this pilot and those who will be. The priorities provide a framework for individuals to learn about climate risk and resilience and engage with local organisations, authorities and agencies in a meaningful way on climate resilience.

Dr. Alan Netherwood & Dafydd Thomas
18th December 2020

Appendix One: Contributors to the Plan

Who was engaged as part of the project? Who got involved?

The following table provides an overview of the breadth of communication about the project and engagement on workshops, emails with views / information and 121 discussions / exchanges (**in bold**). It needs to be recognised that many individuals have multiple roles and many of those working for organisations are residents too. This shows that even for a community like Newcastle Emlyn, there are a lot of stakeholders given the complexity of the issue

Councillors:

Wyn Thomas Ceredigion County Council
Alun Williams Cabinet Member Ceredigion County Council
Maureen Webley Newcastle Emlyn Town Councillor and Resident
Hazel Evans Councillor Carmarthenshire County Council
Jayne Ludgate Newcastle Emlyn Town Councillor and Resident

Public Services Board:

Julie Thomas Ceredigion County Council
Naomi McDonagh Ceredigion County Council
Sarah Davies University of Wales Aberystwyth
Lynne Walters Ceredigion County Council
Michael Smith Ceredigion County Council

Carmarthenshire County Council:

Kendal Davies
Rosie Carmichael
Kate Harrop
Rhian Phillips
Richard Elms
Simon Charles
Ian R Llewelyn
Gwyneth Ayers
Gail Pearce Taylor
WR Phillips
Alun Rees
Isabel Macho

Ceredigion County Council:

Alison Heal

Agencies, Utilities, Anchor Institutions; Third Sector:

Gemma Williams Dwr Cymru Welsh Water
Amy Richmond Jones Mid and West Wales Fire and Rescue Service
Richard Hopkin Dyfed Powys Police
Jessica Millard Mid and West Wales Fire and Rescue
Jeff Kedward Newcastle Emlyn Police Community Support Officer
Paul Williams NHS Wales
Terri Shaw NHS Wales
Jamie Horton Carmarthenshire Association of Voluntary Organisations
Kate Naidoo Carmarthenshire Association of Voluntary Organisations
Clare Pilborough Carmarthenshire Association of Voluntary Organisations
Nia Ap Tegwyn Menter Gorllewin Sir Gaer

Local Organisations

David Thomas Thomas Safety Services, Secretary of the Newcastle Emlyn Traders and Resident
Sion Mason-Evans Headteacher Ysgol y Ddwylan
Hazel Thomas Merched y Wawr
Miss Rhian Davies Ysgol y Ddwylan
Elen Bowen Ysgol y Ddwylan
Kate Roberts Ysgol y Ddwylan

Individuals and Groups:

Jill Sutton
Jane Mansfield
Maira Williams
Soo Hutt
Nicky Burnett
Nicky Cross
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It must be recognised that this pilot was developed throughout the first and second waves of the COVID pandemic during 2020. Many individuals were working on COVID response recovery and others were furloughed.

Appendix Two: Mapping the Local Community Assets

Associations – where people discover each other's gifts

- Annual Food Festival
- Cylch Teifi - Cycle Way / walkway promoting group
- Clwb Fferwyr Ifanc Capel Iwan
- Antur Teifi / Antur Cymru
- Volunteering can make a lot of change very quickly - you need motivated people who really care about their community
- Menter group
- Merched y Wawr
- Environment - Local Nature Partnerships (local and passionate experts on wildlife etc.)
- King George V Playing Fields Committee
- Community organisations less constrained and quicker to respond
- Newcastle Emlyn Community Forum / Fforwm Cymunedol Castell Newydd Emlyn
- There used to be a really strong 50 plus friendship group, they were meeting once a month in the town
- 3rd Sector Environment network
- Community organisations less constrained and quicker to respond
- HUTS Mental Health Charity in CNE
- Town Council

Institutions – where people get organised

Community focused Multi Sector Institutions

- Swimming Pool Community Interest Company or Trust
- Surgery - is in Ceredigion - network of health visitors and community-based health workers
- CK's store, Riverside Health food shop and the Riverside Cafe who were badly flooded but have reopened
- Ysgol Y Ddwylan Primary School Eco Council
- Ysgol Gyfun Emlyn - student council
- Clwb Rygbi Castellnewydd Emlyn
- Ysgol Bro Teifi Cyngor Eco Council
- Newcastle Emlyn Bowls Club
- Newcastle Emlyn Football Club
- Many of the local shops and businesses area are linked to the Water For Nothing App so that people can have access to water in the town.

Public Sector

- PSB support in the area - Healthy Environment Group eg communications
- Local PSB need to commit resources to supporting these communities - they also need to spend time publicizing what they do...
- A wellbeing plan exists - there to save people's wellbeing
- Carmarthenshire and Ceredigion PSBs need to work more closely together for communities like NE

Business Sector

- Antur Cymru have local business support New Start New Skills - furthest away from employment and new starts
- Newcastle Emlyn is a fair-trade town - they seem to be a pretty active group.
- Fair and Fabulous is involved
- Mart Anifeiliaid - on Tuesday and Thursday
- All local pubs - network, landlords as influencers
- Traders Group
- Local business of note Philip Ling and Cawdor Cars
- The Market – very active livestock market
- Melin Goed Timber Yards

- 10 Towns Initiative Local Growth Teams
- Lots of independent retailers / businesses in the area that give the place a unique character.
- Dairy Creamery is a big local employer

Placed Based Assets

- Holy Trinity Meeting Hall
- Leisure centre - local groups-based activities
- Catholic Church has a Hall
- CK Jubilee Hall
- Clock tower meeting hub with
 - Tourist information shop
 - Historical Society
 - Meeting Rooms and
 - Toilet in the centre of the town
- The Attic Theatre - they have an active youth group and a space for the home education of children.
- Lots of heritage in the town centre.
- But limited space for residential development in the town centre. Some of the brownfield sites on the edge of the town have the potential for mixed use development.
- The town centre is often visited by large heavy goods vehicles which can be a challenge to the public realm.
- Utilities – gas, electricity, wastewater and water supply
- Internet access – better in the town centre and more fragile going out of the town
- Road network and bridge
- Local cycle routes and walking routes

Connections

- Social Media - Key place lots of communities get the information i.e. FB pages - are there any FB local groups?
- Chapels, Churches, Merched y Wawr, WIs etc have their own ways of keeping in touch.
- Broadband good in the town centre - but poor on the fringes.

Needs

- “Information is available on lots of things like flooding / defences - but you need the technical knowledge to know what you're really looking at.”
- “While groups like NRW have a lot of knowledge and expertise, they don't necessarily have the resources available to get completely 'stuck in.'”
- “Newcastle Emlyn on the periphery or border of two counties, yet it's one place for the people who live here.”
- “Newcastle Emlyn often feels like the poor relative compared to other towns in Carmarthenshire.”