



John Wright  
Town Clerk

## Lyme Regis Town Council

Town Council Offices  
Guildhall Cottage  
Church Street  
Lyme Regis  
Dorset  
DT7 3BS

Tel: 01297 445175  
Fax: 01297 443773

email: [enquiries@lymeregistowncouncil.gov.uk](mailto:enquiries@lymeregistowncouncil.gov.uk)

### Environment Committee

**Core Membership:** Cllr B. Bawden (chairman), Cllr R. Smith (vice-chairman), Cllr J. Broom, Cllr K. Ellis, Cllr B. Larcombe MBE, Cllr C. Reynolds, Cllr D. Ruffle, Cllr D. Sarson, Cllr G. Stammers, Cllr T. Webb, A. Bristow (non-councillor)

Notice is given of a meeting of the Environment Committee to be held at the **Guildhall, Bridge Street, Lyme Regis** on Wednesday 16 March 2022 commencing at 7pm when the following business is proposed to be transacted:

John Wright  
Town Clerk  
11.03.22

*The open and transparent proceedings of Full Council and committee meetings will be audio recorded and recordings will be held for one year by the town council.*

*If members of the public make a representation to the meeting, they will be deemed to have consented to being audio recorded.*

*If members of the public have any queries regarding audio recording of meetings, please contact the town clerk.*

Members are reminded that in reaching decisions they should take into consideration the town council's decision to declare a climate emergency and ambition to become carbon neutral by 2030 and beyond.

### AGENDA

#### 1. Public Forum

Twenty minutes will be made available for public comment and response in relation to items on this agenda

*Individuals will be permitted a maximum of three minutes each to address the committee*

#### 2. Apologies

To receive and record apologies and reasons for absence

### **3. Minutes**

To confirm the accuracy of the minutes of the Environment Committee meeting held on 26 January 2022

### **4. Disclosable Pecuniary Interests**

Members are reminded that if they have a disclosable pecuniary interest on their register of interests relating to any item on the agenda they are prevented from participating in any discussion or voting on that matter at the meeting and to do so would amount to a criminal offence. Similarly if you are or become aware of a disclosable pecuniary interest in a matter under consideration at this meeting which is not on your register of interests or is in the process of being added to your register you must disclose such interest at this meeting and register it within 28 days.

### **5. Dispensations**

To note the grant of dispensations made by the town clerk in relation to the business of this meeting.

### **6. Matters arising from the minutes of the previous meeting held on 26 January 2022**

To update members on matters arising from the previous meeting that are not dealt with elsewhere on this agenda and to allow members to seek further information on issues raised within the minutes of the previous meeting.

### **7. Update Report**

To inform members about progress on significant environmental developments

### **8. Lyme 2030 Vision Community Conversation update and presentation**

To update members on the progress of the 2030 Vision Community Conversation project

### **9. Carbon Literacy update report**

To update members on the progress of Carbon Literacy training and accreditation

### **10. Community Energy Champions**

To update members on the volunteer Community Energy Champions

### **11. United Nations Intergovernmental Panel on Climate Change report 2022**

To inform members of the latest UN Intergovernmental Panel on Climate Change (IPCC) report findings

### **12. Exempt Business**

LYME REGIS TOWN COUNCIL

ENVIRONMENT COMMITTEE

MINUTES OF THE MEETING HELD ON WEDNESDAY 26 JANUARY 2022

**Present**

**Chairman:** Cllr B. Bawden

**Members:** Cllr J. Broom, Cllr D. Ruffle, Cllr D. Sarson, Cllr R. Smith and Cllr G. Stammers

**Officers:** M. Adamson-Drage (operations manager), E. Pawsey (senior administrative assistant)

**Other members:** Cllr C. Aldridge

**Guests:** A. Bristow

**21/36/ENV Public Forum**

There were no requests to speak in the public forum

**21/37/ENV Apologies**

Cllr B. Larcombe MBE - illness

Cllr C. Reynolds – illness

Cllr T. Webb

**21/38/ENV Minutes**

Cllr R. Smith asked for an amendment to minute number 21/32/ENV as the end of the last paragraph should read 'next 80 years'.

Cllr B. Bawden asked for an amendment to minute number 21/33/ENV. She said Bridport Town Council had offered up to five places on the training course for people from Lyme Regis and Charmouth and that the proposal was being formally considered by Bridport Town Council.

Proposed by Cllr B. Bawden and seconded by Cllr R. Smith, the minutes of the meeting held on 24 November 2021, with the above amendments, were **ADOPTED**.

**21/39/ENV Disclosable Pecuniary Interests**

There were none.

**21/40/ENV Dispensations**

There were none.

**21/41/ENV Matters arising from the previous meeting held on 26 January 2022**

**Water Quality on the River Lim**

The chairman invited members of Turn Lyme Green to update the meeting.

J. Breeze said the testing kits had not yet been delivered.

**21/42/ENV Update Report**

**Totally Locally**

The chairman said Totally Locally would be promoted on social media with the videos that were filmed during the last Fiver Fest in October but would not print the map. She would also be writing to local businesses.

**Updates for Community Organisations**

J. Breeze from Turn Lyme Green said there would be a business networking meeting on 17 February 2022 in the Baptist Church to see if Turn Lyme Green could help local businesses. This would be a regularly scheduled meeting every four to six weeks. She said there would be a litter picking event for volunteers on 20 February 2022 at 10am, meeting at the RNLI shop.

A. Bristow from Turn Lyme Green/Plastic Free Lyme Regis said they were holding a seed swap event on Saturday 29 January from 11am to 1pm in the Driftwood Cafe.

**21/43/ENV Additional Committee Members**

The chairman said A. Bristow from Turn Lyme Green/Plastic Free Lyme Regis had been nominated to join the Environment Committee.

Cllr J. Broom said as A. Bristow was unknown to him, the committee should have had a CV on who he is, what he intended to do and what he had done, and that he should not be nominated without this.

The operations manager agreed to provide such information in future but A. Bristow was present and could introduce himself before voting.

The chairman invited A. Bristow to introduce himself.

A. Bristow said he had lived in Lyme Regis for 10 years, was recently retired and that he joined Turn Lyme Green as he had worked for Transport for London and been involved in similar environmental projects in London and now wanted to get involved with the local community.

Cllr J. Broom said the committee should have seen information about A. Bristow in writing.

Proposed by Cllr R. Smith and seconded by Cllr J. Broom, members agreed to **RECOMMEND TO FULL COUNCIL** to co-opt Alan Bristow, nominated by Turn Lyme Green/Plastic Free Lyme Regis, to the Environment Committee, with the agreement that

in future the procedures of co-opting non-members are tightened up to include a CV of the nominated person.

A. Bristow was then invited to join the members at the table.

#### **21/44/ENV Community Energy Champions**

Cllr G. Stammers asked how the champions would be selected and whether they would have to provide information on who they were and in what capacity they would be undertaking the training.

The chairman said the training had already started with those that came forward and she had sent out the proposed training programme. They would be two-and-a-half-hour sessions, once a month, over six months. There were only three people who had come forward for five places so the full amount might not be required.

Cllr G. Stammers asked the chairman if members should see the content of what the training involved and how projects would be initiated before any decision was made. She asked if they would have targets to achieve and if members could see some sort of structure on how the public would be engaged; this would preferably be in person, as well as on social media.

The chairman said there might not be actual projects during the training but perhaps a presence at the Fossil Festival, for example. There could be a table with information on, for example, energy efficiency measures, advice on grants for renewable energy installation and what support was available for anyone in fuel poverty.

Cllr G. Stammers said she did not object to funding and how contact would be made with people was important, as well as the manner of approach.

The chairman said perhaps an open day at Woodmead Halls would be appropriate.

The operations manager suggested information could go on the town council website.

Cllr G. Stammers said there would need to be outside stalls, which could be seen by everyone.

Cllr J. Broom asked why the council was being asked for money after the training had already started.

The chairman said it had been mentioned at the previous meeting.

Members requested an update report be brought to the next meeting.

Proposed by Cllr R. Smith and seconded by Cllr B. Bawden, members agreed to **RECOMMEND TO FULL COUNCIL** to allocate up to £2,750, i.e. £500 for each person, for up to five people to train as community energy champions and £250 of optional funding for costs.

#### **21/45/ENV Request for EV Panels on Roof of Chalet at 17 Monmouth Beach**

Cllr R. Smith asked why this item had been brought to this committee and not the Planning Committee.

Cllr J. Broom said it had previously been resolved that requests for solar panels on chalets would be considered by the Town Management and Highways Committee.

It was further discussed as to which committee this item should go to.

Proposed by Cllr R. Smith and seconded by Cllr B. Bawden members agreed to **RECOMMEND TO FULL COUNCIL** to defer consideration of the request to install EV Panels on the roof of a chalet at 17 Monmouth Beach to the Town Management and Highways committee.

## **21/46/ENV The 'Community Conversation' – Lyme's 2030 Vision**

Cllr D. Sarson asked if the budget was within the £75,000 already allocated. The chairman said it was.

The chairman said one of the consultations would be at the Fossil Festival and that the organisers wanted to enable free entry, including to the museum, to pay for security for the marquees and potentially for a minibus between Lyme Regis and Charmouth to take people to different events.

The chairman then handed around graphics produced by the Royal College of Art during the 'Future Town' project for members to look at.

The chairman explained the free three-month trial of a Climate Heatmap with Commonplace, a leading provider of online community consultation platforms, as part of the Lyme 2030 Vision work.

Cllr R. Smith asked what the cost would be if the council wanted to continue after the three-month trial for the Climate Heatmap.

The chairman said it would be £5,000 for the remaining nine months and she would like the council to endorse the 2030 Vision project.

Members discussed how much of the annual budget would be used and that there would be no further money for the committee until April 2023 if all the funds proposed were agreed.

Cllr G. Stammers asked where these projects differed from the community energy champions and would there be an overlap.

The chairman said there would be an overlap but they were separate projects.

Cllr C. Aldridge asked if, when the three-month trial with the heatmap had finished, would the council still be able to get information from it.

The chairman confirmed the project would have the information after the trial.

Cllr C. Aldridge asked if the budget was agreed, could it be on an understanding that it would be broken down into the detail and brought back to this committee.

*The chairman stood down from the chair at 8.12pm due to feeling unwell and the deputy chairman Cllr R. Smith took her place.*

Cllr B. Bawden said a budget breakdown would be brought back to the committee.

Cllr G. Stammers asked how the £20,000 budget would be controlled.

Cllr. B. Bawden said the budget would be controlled by Lyme Regis Development Trust (LRDT). She explained the funding was needed in part to secure the involvement of the Royal College of Art who could help in designing the survey and create visualisations of people's visions of Lyme in a zero carbon future. The 'Future Town' stakeholders could later provide support to any relevant projects that emerged from the '2030 Vision Community Conversations'.

Cllr. G Stammers asked if LRDT needed to come and talk to the council about the detail of the budget.

Members went on to discuss the budget and the breakdown, what the council would be getting for the money and that feedback would be required from LRDT on how the project would be run.

Cllr B. Bawden said she would like the committee to support the Commonplace Climate Heatmap and endorse it with the council's logo.

Members said they had tried to look at the Heatmap but they were unable to load it from the internet hyperlink in the agenda.

Cllr B. Bawden said she had not been made aware it was not working.

Members agreed they would need to be able to use it before they could endorse it with the council logo.

Proposed by Cllr J. Broom and seconded by Cllr R. Smith, members agreed to **RECOMMEND TO FULL COUNCIL** to approach Lyme Regis Development Trust requesting a budget programme for the Community Conversation – Lyme's 2030 Vision project before the council gives funding of £10,000 in 2022-23 from the budgeted climate and environmental funding, followed by £5,000 in 2023-24 and 2024-25, as guidance; and to approve funding of £2,000 to the Fossil Festival for 2022, only from the budgeted climate and environmental funding to encourage increased resident participation in both the 2030 Vision 'Community Conversation' and the other festival events.

**21/47/ENV To update members on the progress of Carbon Literacy Training**

Members noted the report.

**21/48/ENV To inform members of the Dorset Council Air Quality Action Plan**

Members noted the report.

*The meeting closed at 9.10pm.*

**Committee:** Environment

**Date:** 16 March 2022

**Title:** Matters arising from the minutes of the previous meeting held on 26 January 2022

**Purpose of Report**

To update members on matters arising from the previous meeting that are not dealt with elsewhere on this agenda and to allow members to seek further information on issues raised within the minutes of the previous meeting.

**Recommendation**

Members note the report and raise any other issues on the minutes of the previous meeting that they require further information on.

**Report**

**21/41/ENV – Matters arising from the previous meeting held on 26 January 2022**

Turn Lyme Green may wish to update the committee on the latest developments/findings regarding water quality on the River Lim. A report from Turn Lyme Green is at **appendix 6A**.

**21/42/ENV – Update Report**

A verbal debrief from the Totally Locally festival of 5 to 19 February 2022 will be given at the meeting, along with details of the next event.

Matt Adamson-Drage Operations manager March 2022	Cllr Belinda Bawden Chairman
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**River Lim Monitoring Project update**

**Turn Lyme Green report for LRTC Environment Committee**

March 7<sup>th</sup> 2022

The River Lim monitors have now received the test kits and carried out the first cycle of monitoring of the River. These kits were part funded by LRTC, thank you. We are monitoring 9 points along the length of the River and the streams that feed into it for a number of pollution indicators including phosphates and water temperature. The data is uploaded onto the West Country Rivers Trust system with photos and they will help us assess what we've recorded in due course.

The Lim is also a focus for other groups including the Axe Vale Rivers Association (AVRA), as the Lim is part of the Axe catchment. We have held a very productive meeting with their Chair and the former water bailiff for the Environment Agency who covered this area. As a result we plan to raise funds for a Survey of the Lim of both water quality and ecology. AVRA are helping us with this process as the Lim is one of the missing pieces in the jigsaw of information they are assembling about the catchment. The Lim is also under the spotlight of the East Devon Area of Outstanding Natural Beauty (AONB()) who are interested in gathering more information about it and working with local groups. We are seeking to meet them.

Some other issues emerged at our meeting with AVRA:

- We have been encouraged to make reports whenever we see pollution to the National Incident Reporting Hotline (NIRS). This will help build a data base to get action taken and support a reinstatement of funds to the Environmental Agency (depleted in recent years by 2/3rds.)
- The lack of free passage for fish upstream beyond the weir at Goslings Bridge. We have in mind to investigate engineering a fish pass, but it would be a complex project with many factors to be considered (so on the back burner for the moment)
- There was a problem in the past of surface nets at the mouth of the Lim towards Back Beach. These were put there illegally to trap spawning fish as they entered the river. The monitors will keep an eye out in case this problem reoccurs.

We were delighted to hear that there are two Environment Agency officers, one of them recently appointed, tasked with talking to farmers locally about upstream pollution and that they have talked to our dairy farmers in the Lim catchment. This new appointment came about as a result of the national debate recently on sewage discharges into our rivers.

We plan an open meeting later in the year with speakers on the River Lim and the wider Axe catchment so we can all gain a better understanding of the issues and what can be done to address water quality and improving our local ecology.

We appear to be part of a growing number of community & citizen science groups around the country that are very concerned about the quality of our rivers. Some of them such as the River Wharf Ilkley group and the Windrush Against Sewage Pollution group on the Thames are making good progress in getting problems addressed.

We welcome the support of LRTC for our local efforts.

Laura Noel and Vicki Elcoate

**Committee:** Environment

**Date:** 16 March 2022

**Title:** Update Report

**Purpose of the Report**

To inform members about progress on significant environmental developments

**Report**

**Updates from Community Organisations**

Members of any local community organisations present at the meeting will be asked if they wish to update the committee on their initiatives. A maximum of three minutes will be allowed for each organisation to present to the committee.

Matt Adamson-Drage  
Operations manager  
March 2022

Cllr Belinda Bawden  
Chairman

**Committee:** Environment

**Date:** 16 March 2022

**Title:** Lyme 2030 Vision Community Conversation update and presentation

**Purpose**

To update members on the progress of the 2030 Vision Community Conversation project

**Recommendation**

Members note the report and presentation

**Report**

1. Cllr Bawden presented the proposal to allocate up to £20,000 from the budget of £75,000 for the Lyme 2030 Vision Community Conversation project being led by the Lyme Regis Development Trust to the Environment Committee on 16 January 2022.
2. The Environment Committee agreed an amended proposal to allocate up to £10,000 in the first year (from April 2022) and £5,000 for 2023 and 2024.
3. The committee also agreed the allocation of up to £2,000 for the Fossil Festival, as the theme was Climate Change and one of the public engagement sessions would be held as part of the Festival on Saturday 30 April. The funding was to ensure the event could be as accessible as possible to residents from Lyme, Uplyme and Charmouth by enabling free entry to the Museum and funding a minibus service between the Charmouth Heritage Coast Centre and the Lyme Festival events.
4. The proposal also included a request to support, in principle, a free three-month trial of the new Climate Heatmap community engagement platform and support service from Commonplace, one of the UK's leading community engagement experts. One member reported at the meeting that the demo link had not worked so members felt unable to express support.
5. However, objections were raised at Full Council on 16 February 2022 about the 2030 Vision and the proposal was referred back to the next Environment Committee.
6. As inaccuracies and doubt was expressed about the potential continuing role of the Royal College of Art's (RCA) Intelligent Mobility Design Unit and other stakeholders in the 'Future Town' report conducted in 2020, Cllr Bawden agreed to show a presentation at the Environment Committee meeting on 16 March 2022 about the Future Town project, the existing research findings and the proposed future role of the RCA and other stakeholders in the Lyme 2030 Vision at the next Environment Committee.
7. Any recommendations from this committee will be considered by the Full Council on 6 April 2022.

Cllr Belinda Bawden  
Chairman  
March 2022

**Committee:** Environment

**Date:** 16 March 2022

**Title:** Carbon Literacy update report

**Purpose**

To update members on the progress of Carbon Literacy training and accreditation

**Recommendation**

Members note the report

**Report**

1. Cllr Bawden delivered free [Carbon Literacy](#) training as part of the pilot of a toolkit for town and parish councillors on Thursday 28 October 2021, Saturday 15 January and Wednesday 12 and 26 January 2022, with the support of Caz Dennett and Julie Booker from Dorset Action.
2. Councillors from several local town and parish councils alongside members of community groups attended the workshops, in person in 2021 then later on Zoom.
3. Participants' evidence has all been submitted for accreditation by the Carbon Literacy Project. Feedback from the pilot has also been sent.
4. Cllr Bawden is delivering training to other town and parish councillors through the [Dorset Association of Parish and Town Councils \(DAPTC\)](#), as a series of three evening workshops, as part of the continuing pilot. Caz Dennett and Julie Booker of Dorset Action and Ben Heath, the project officer in Weymouth Town Council responsible for supporting climate and environmental action, are co-facilitating the workshops.
5. Cllr Bawden referenced the Carbon Literacy training and LRTC's pledge to seek accreditation as a Carbon Literate Organisation at a presentation as part of a panel of town and parish councillors at the Green Party Conference on Sunday 6 March 2020 and in an article in ['West Country Voices'](#) published the same day.
6. At the launch of the new National Association of Local Council's (NALC) Climate Emergency Network in February, Cllr Bawden introduced the Carbon Literacy project team to the group so they could promote the town & parish councillor toolkit. Similarly, she was asked to write a case study for the [Impact Community Carbon Calculator](#) to demonstrate how their toolkit was being used and referenced the Carbon Literacy toolkit, **appendix 9A**.
7. Any recommendations from this committee will be considered by the Full Council on 6 April 2022.

Cllr Belinda Bawden  
Chairman  
March 2022

### How the Impact Community Carbon Calculator Tool has influenced climate action in Lyme Regis

*“Impact has benefited both the council and my community in many ways.”*

Cllr Belinda Bawden, of Lyme Regis town council used the [Impact Community Carbon Calculator](#) to support climate action planning in Lyme Regis, Dorset.

#### Workshops and training

I’ve delivered several training days using the Impact Community Carbon Calculator to engage with town and parish councillors – it’s a great way to approach climate action topics and generate honest input from councillors about the ways we could reduce emissions.

**The Impact tool was key to initiating discussions** during these sessions, **especially when comparing carbon footprints between larger and smaller areas** such as Seaton to Charmouth or Bridport. It opened a lot of questions, like what factors might contribute to the difference in emissions between areas? Is it just wealth-based, or is there more to it?

**People saw a clear, easy to understand visual representation** of how our Dorset Council area differed from the UK’s overall carbon footprint. Dorset has higher agriculture and surface transport emissions than the UK average. **It’s eye-opening and difficult to ignore the data and it’s these conversations that help spark change.**

I hope to develop a further series of events to reach even more council colleagues this year using the Impact tool.

#### Community action

**The Impact Community Carbon Calculator has been influential in identifying actions to reduce our community carbon footprint in the town.** Previous research undertaken by the Royal College of Art (RCA), as part of the [Future Town project](#), highlighted traffic, transport and parking as the biggest problems reported by respondents. This feedback had previously shaped our focus towards climate action, as we’ve prioritised these areas. But the Impact tool painted a slightly different picture.

According to our [territorial emissions data](#), 47% of emissions from Lyme Regis are from housing, which mostly comes from gas boilers, while only 16% of emissions are from surface transport. Now we understand our local emissions in a different way, we’ve chosen to focus on meaningful action on housing emissions joining up with a [Community Energy Champions](#) training scheme with CSE.

The [Consumption carbon footprint](#) for the community has also been beneficial in highlighting areas for change. Compared to our neighbouring towns, Lyme Regis has much higher emissions and exceeds the Dorset average. More education for our residents on how to reduce their individual and household carbon use is needed. If this can be achieved, we can make a significant difference and help our town reach its aim of net zero by 2030.

#### Guiding change

One of the first steps to work with and educate our community is to influence local councillors to understand tools like the Impact Community Carbon Calculator and use its insights in a meaningful way. As a co-founder of the [Dorset Climate Action Network](#) (DCAN), I often recommend using Impact at a parish level. The data helps guide community groups and councils to areas that require action, which will result in the biggest impact. In fact, I recently recommended the tool to a councillor in Arne Parish to aid their climate action planning.

I find it beneficial to use the tool alongside individual household footprint calculators like [Giki Zero](#) or the [WWF Carbon Footprint Calculator](#). Pairing the Impact Tool with other collected data gives communities the potential to make significant carbon emission reductions, especially consumption-based.

I'll use this approach to kick off a series of 'Community Conversations' for Lyme Regis' 2030 Vision. We'll show our carbon footprint data generated from the Impact tool in a visual way and include comparisons to local towns. This will spark discussions and increase awareness of the everyday activities we could adjust to reduce carbon emissions.

Once our community engagement starts, I can use the Impact tool data as a baseline measurement for each sector. Now we know our start point, we can monitor the effect of any future projects in more detail, which will be especially handy when producing our net zero plan for Lyme Regis.

Belinda has written the below articles about climate change, with further references to the Impact Tool:

["The Politics of Climate Change" - report of an online event hosted by the University of Exeter - West Country Bylines](#)

["The Politics of Climate Change:" - what can WE do? - West Country Bylines](#)

["Code red for humanity" - West Country Bylines](#)

Try the [Impact Tool](#) yourself. CSE's Impact Community Carbon Calculator is a digital visualisation tool that helps communities understand their carbon footprint. It helps identify the areas where taking action to tackle climate change can make the biggest difference.

**Committee:** Environment

**Date:** 16 March 2022

**Title:** Community Energy Champions

**Purpose**

To update members on the volunteer Community Energy Champions

**Recommendation**

Members note the report

**Background**

1. Members approved funding of up to £2,750 from the climate and environmental funding allocation at the last Environment Committee on 16 January 2022 to train up to five Community Energy Champions to begin educating, advising and supporting households to reduce their home's carbon footprint, their energy costs and provide warmer, safer homes.
2. Members requested further information on the volunteers, see **appendix 10A**, on the training programme, see **appendix 10B**, and on the planned community and outreach activities – see below.
3. See **appendix 10C** for the housing greenhouse gas emissions, change targets and questions to explore as recommended in the [Impact Community Carbon Calculator](#) for Lyme Regis.

**Report**

4. Housing forms 48% of Lyme's territorial greenhouse gas emissions and is a multi-pronged challenge which has many elements to it:
  - energy insulation measures
  - retrofitting to use renewable sources e.g. air source heat pumps
  - renewable energy generation e.g. solar panels
  - energy efficiency and monitoring methods
  - fuel poverty
  - eligibility for government funding
  - availability of qualified and trusted contractors and installers
5. Community Energy Champions are being trained to begin educating, advising and supporting households to reduce their home's carbon footprint, their energy costs and provide warmer, safer homes
6. The training has been funded by Bridport Town Council and will be delivered by the outreach team from the Centre for Sustainable Energy, a social enterprise based in Bristol.
7. Up to £2,750 for up to five volunteers from Lyme Regis (and Charmouth) to be trained as Community Energy Champions at £500 each was recommended for approval at the Environment Committee on 16 January 2022, with £250 added for materials and subsequently approved by Full Council on 16 February 2022.

8. There is now a full team of volunteers, three from Lyme and one each from Uplyme and Charmouth. The intention is to work as a team so our activities cover the wider Lyme area.
9. As two of the volunteers joined part-way through the training, Bridport Town Council (BTC) reduced their requested contribution to £250 per head, so the total BTC invoice to LRTC will be £2,000 not £2,500 as expected.
10. The training started on 20 January 2022 and consists of one two-and-a-half hour Zoom workshops. We have undertaken four sessions so far.
11. Having the opportunity to 'piggy-back' on BTC's project will save LRTC and the interested community groups here considerable time and expense in starting to tackle our largest source of greenhouse gas emissions.
12. As with similar schemes operating elsewhere in the country, BTC has agreed to support the pilot energy champions schemes – looking to create a network of Energy Champions who can drive sustainable energy initiatives around the town. Once they have received training, volunteers will engage people, communities and local businesses with saving energy, generating local renewables and tackling fuel poverty.
13. Both behavioural research and partners' experience suggest that people (at home or work) are more likely to change their behaviour when they are advised to do so by someone local whom they know and trust. So, we're harnessing the power of peer endorsement to enable a wide ranging and diverse group of Bridport and Lyme area volunteers to act on and communicate sustainable energy in their local community.
14. The Bridport Community Energy Champions have already held drop-ins and outreach activities and have shared their experiences in the wider team. See **appendix 10D**, Notes from Fuel Poverty Drop-in on 11 February.
15. Lyme Area Community Energy Champions are planning outreach, social media and community events for the spring and autumn 2022, to include the 'Lyme 2030 Vision Community Conversation' on Saturday 30 April 2022 as part of the Fossil Festival; the May Fete on Sunday 12 May 2022 and during the Dorset Climate Action Network's Greener Open Homes events.
16. Local press and social media will be used and the town council website's new environment page could feature information, activities and events from the Community Energy Champions. See **appendix 10E** on Winter Energy Tips.
17. Any recommendations from this committee will be considered by the Full Council on 6 April 2022.

Cllr Belinda Bawden  
Chairman  
3 March 2022



**Lyme Area Community Energy Champions – background details****Philip May – Group Co-ordinator**

After a 30 year career in the vacuum physics and electronics industry, I spent 10 years helping to run Food Float - a non-profit Community Interest Company promoting and distributing local produce in the Surrey Hills. I retired and moved to Colway Lane in Lyme in November 2020. Since then I joined the Dorset Climate Action Network (DCAN) and became a member of the Energy Team which actively promotes local electricity microgeneration projects as well as greener homes, improved insulation and the adoption of Air and Ground Source Heat Pump technology, Photo Voltaic systems and EV charging installations. We are facing both a climate emergency and energy cost crisis nationally and in Lyme. I want to do my bit to help.

I'm also a volunteer and trustee of the Town Mill (Trust) in Lyme.

**Alan Bristow**

I have lived in Lyme for about 10 years but working in London. Active travel to encourage people to walk or cycle has been a passion of mine. As a Director of TfL I was responsible for introducing the Cycle Super Highways and Pedestrian Countdown at traffic lights to improve the safety of pedestrian crossings in London.

I am interested in understanding how to make homes more efficient and making a contribution to the effort in this space.

**Robert Rickman**

I am a 60 year old retired chartered engineer. I served a precision engineering apprenticeship, read for an engineering degree and had 3 senior positions in Industry. We moved from Buckinghamshire into Uplyme in Sept 2021.

I am currently taking a sporting related coaching course and busy at home updating/improving the house.

**Chris Lakeman Fraser**

I have had a career in natural history filmmaking featuring animals in their increasingly threatened habitats around the world. It is abundantly clear to me that we have an alarmingly short time to reduce carbon and methane emissions.

Recently, I researched a local sustainable, affordable housing project for the Charmouth Neighbourhood Plan; have switched to an company supplying green energy; installed extra insulation in our home; and am investigating installing solar panels.

I'm keen to spread the word.

**Belinda Bawden**

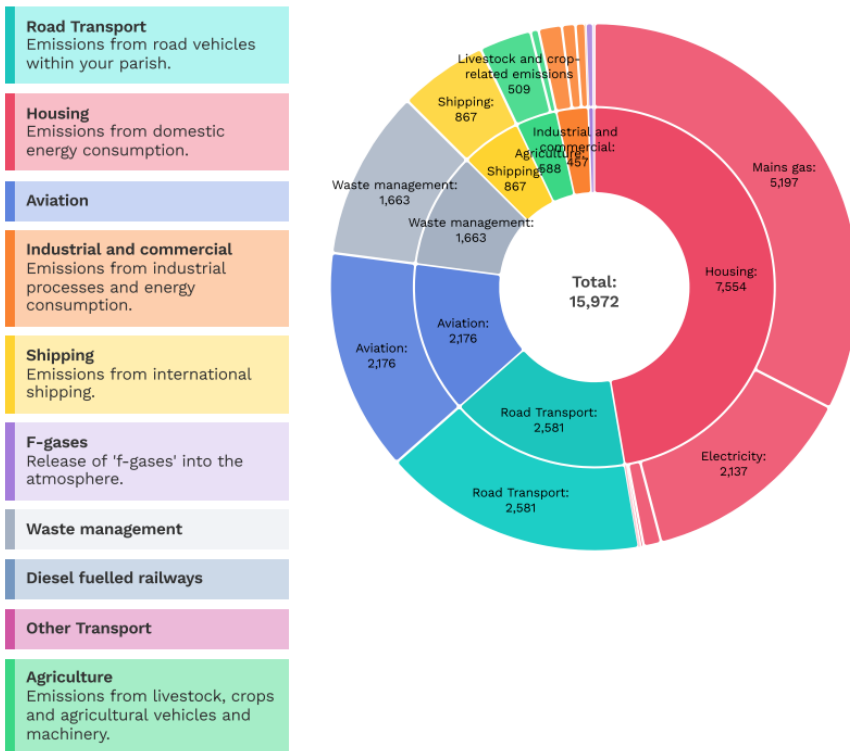
As a geographer with a background in transport policy, marketing, international transport and education, I had become increasingly concerned about the lack of political action on the climate and ecological crisis so stood for the town council in Lyme to try and help the town's residents and businesses adapt to a rapidly changing future and achieve Net Zero carbon emissions.

I was appointed a Community Champion by NALC (National Association of Local Councils) last year for the 'Future Town' project led by the Royal College of Art with the Transport Planning Society and other national institutions. The responses gathered in 'Future Town' research will underpin the continuing 'Lyme 2030 Vision Community Conversation' I'm

organising to encourage everyone in the Lyme, Uplyme and Charmouth area to engage actively in planning how the area transitions to a cleaner, greener, fairer future by 2030.

I'm a co-founder of the **Dorset Climate Action Network** and part of NALC's **Climate Emergency Network**.

Housing forms 48% of Lyme's territorial greenhouse gas emissions so I hope training with the Centre for Sustainable Energy and the awesome Bridport Town Council with a team from the western border of Dorset will kick-start wider community involvement here in tackling the complex issues around buildings and energy use.



BB

2 March 2022

## Bridport Energy Champions Training 2022 Revised

Training	Details	Date/ time
<b>Energy Essentials training</b>	<p>Training in giving basic energy advice (this is quite broad training covering a lot of topics). Topics covered:</p> <ul style="list-style-type: none"> <li>- Bills, meters and switching</li> <li>- Heating controls</li> <li>- Low and no cost measures</li> <li>- Home improvements and funding</li> <li>- Appliances and lighting</li> <li>- Damp and condensation</li> <li>- Tenant rights and engaging with landlords</li> <li>- Who to signpost to – linking up to local initiatives</li> </ul> <p>This training lasts around 2.5 hours and includes some quizzes and case study exercises.</p>	<p>Thursday January 20<sup>th</sup> 2022</p> <p>16.00 – 18.30</p>
<b>Drop-in Session 1</b>	To follow up on the energy essentials session and start to plan energy champion activities.	<p>Tuesday 25<sup>th</sup> January 2022</p> <p>11.00 – 12.00</p>
<b>Understanding fuel poverty in depth</b>	<p>Training in fuel poverty:</p> <ul style="list-style-type: none"> <li>- What is fuel poverty</li> <li>- What impacts fuel poverty</li> <li>- How to identify someone in fuel poverty – behavioural and physical signs</li> <li>- Digital exclusion and fuel poverty</li> <li>- Links between fuel poverty and health</li> <li>- Engaging with the health sector</li> </ul>	<p>Wednesday 2<sup>nd</sup> February 2022</p> <p>16.00 – 17.30</p>
<b>Drop-in Session 2</b>	To follow up on the fuel poverty session and plan energy champion activities.	<p>Friday 11<sup>th</sup> February 2022</p> <p>11.00 – 12.00</p>

## Bridport Energy Champions Training 2022 Revised

Training	Details	Date/Time
<b>Principles of energy efficiency and retrofit</b>	Topics covered: <ul style="list-style-type: none"> <li>- Energy hierarchy</li> <li>- The need for housing retrofit</li> <li>- Retrofitting strategy and whole house approach</li> <li>- Listed and heritage buildings considerations</li> <li>- What <u>not</u> to do!</li> <li>- Tips for non-domestic properties (community buildings!)</li> <li>- Funding schemes</li> <li>- Finding installers</li> <li>- Follow up support</li> </ul>	Wednesday 23rd February 2022  16.00 – 18.00
<b>Drop-in session 3</b>	To follow up on the energy efficiency and retrofit session and plan energy champion activities.	Tuesday 1st March 2022 11.00-12.00
<b>Damp, mould and draught proofing</b>	Topics covered: <ul style="list-style-type: none"> <li>- Different types of damp</li> <li>- Causes of condensation dampness and how to prevent</li> <li>- How to treat mould</li> <li>- How to prevent draughts</li> </ul>	Thursday 3rd March 2022  16.00 – 17.30
<b>Drop-in session 4</b>	To follow up on damp, mould and draught proofing session and plan energy champion activities.	Friday 11 <sup>th</sup> March 2022 11.00 – 12.00
<b>Engaging people on energy and community workshops</b>	Topics covered: <ul style="list-style-type: none"> <li>- How to talk to people about energy</li> <li>- Ideas for campaigns around energy</li> <li>- National energy campaigns</li> <li>- Engaging energy workshop ideas</li> <li>- How to plan for a workshop</li> </ul>	Thursday 24th March 2022  16.00 – 17.30
<b>Drop-in session 5</b>	To follow up on the engaging people session and plan energy champion activities	Tuesday 29 <sup>th</sup> March 2022 11.00 – 12.00

## Bridport Energy Champions Training 2022 Revised

### Notes:

- *The Plan is to leave champions or whoever attended the training with a take-home task to apply the knowledge gained;*
- *The informal follow up drop -ins offer space for anyone to discuss how energy knowledge can be applied anything they learnt in their own lives or advising others.*
- *Follow up resources inc. recording of training will be provided to the energy champions.*
- *Megan @ CSE will be available to answer any direct questions following the training*

## Community Energy Champions Update report – Housing in relation to Lyme's Carbon Impact

### Housing Change targets:

- Hugely reduced energy demand from buildings, including heritage assets
  - Smarter & more flexible management of energy demand, including storage
  - Decarbonised heat delivery
  - New buildings and developments that achieve net zero emissions, (including associated new transport)
- Our community's residents' use of energy in their homes results in annual carbon emissions per household of 4.2 t CO<sub>2</sub>e. This compares with 4.1 t CO<sub>2</sub>e at the district level and 3.5 t CO<sub>2</sub>e at the national level.
- In the average UK home, 64% of energy is used for space heating, 17% for heating water, 16% for lighting and appliances, and 3% for cooking.
- As such a large proportion of household energy is used for heating, the type of heating system (i.e. is it low carbon?), and how well the home retains heat, are critical factors shaping the scale of a home's emissions.
- How well a home retains heat depends on a number of factors, including: when and how it was built; how much insulation has been installed; how draughty the home is; the efficiency of the windows; and the behaviour of the residents.

Carbon footprints covering a large geographical area will encompass a range of smaller communities with different housing types and demographics. This will influence the types of activities which are most likely to be successful and have the greatest impact in terms of reducing emissions from housing.

**Below are some trigger questions to help us to start to think about the implications of our community's household footprint information.**

- How does our community's household energy use compare with the district and national averages? What might the reasons be for the differences?
- What type of housing is there in our community? And what is the main heating fuel (oil, gas, electricity, etc.)?
- Is the housing easily retrofitted to improve how well it retains heat and install low carbon heating? Do you know if residents are doing this?

- Are there already initiatives to increase demand and encourage and support residents to take action?

Energy facts from: Energy consumption in the UK, BEIS (January 2021)

- What opportunities are there to retrofit community buildings?

Many homes, public and commercial buildings have an Energy Performance Certificate (EPC) which measures the energy efficiency of the property. You can look at the EPCs of the buildings in your community here:

<https://epc.opendatacommunities.org>

Could you identify homes and buildings where the residents / owners have already made improvements, and showcase these – for example with an event?

Have you explored local potential for renewable energy generation schemes, such as a solar farm, rooftop solar, or wind? Could a community owned (or jointly owned) initiative be possible?

Are there opportunities to shift households, community buildings and businesses in your area onto green energy tariffs, where energy is generated from renewable sources?

**Source:** Impact Community Carbon Calculator for Lyme Regis

<file:///C:/Users/Irtccllbelinda.bawd/OneDrive%20-%20Dorset%20Council/Documents/Climate%20&%20Environmental%20projects%20&%20case%20studies/Impact%20Toolkit/Impact%20Report%20-%20Lyme%20Regis%20Feb%202022.pdf>

**Bridport Town Council  
Energy Champions  
Fuel Poverty Drop-in session Feb 11 2022**

Peter Bywater from Ridgewater Energy attended the fuel poverty drop-in session and appraised the meeting about the energy efficiency support available to households in Bridport through two main programmes:

- Healthy Homes Dorset - good for simple insulation/ draught proofing help and
- Local Energy Advice Partnership (LEAP) – a more thorough, in depth consideration of energy. Home visits available till the end of March, phone consultations also available.

Whilst the funding for the whole HHD programme is £100k Ridgewater are able to make the most of different pots of funding to provide households with support.

Whilst the two programme currently on offer across Dorset have generous eligibility criteria the concern is that households in Bridport are not aware of them and by the time they are the programmes may have closed or spent out. Ridgewater admit that referrals for help from Bridport are low – partly due to the lack established partnerships for them to work with but also poor information about schemes and the short lived nature of some of the programmes.

Who is funded to give energy advice and what support is available at any given time changes fairly regularly. Govt /Utilities tend to promote short term programmes, some with narrow windows for accessing the support. A number of energy programmes are due to end this March. They may or may not re appear in the Autumn 2022.

Dorset Council and BCP have accessed funding from government for energy support across Dorset – how have these programmes played out in Bridport? How many PV installations or heating upgrades were supported in Bridport? Time constraints on programme roll out meant that Ridgewater struggled to spend the full allocation of funding. Could better co-ordinated information and support for eligible groups ensure Bridport households get more support?

Ridgewater Energy have a long history of working within the Dorset Conurbation. They have established strong partnerships over the years which helps with generating referrals. There is a capacity issue for Ridgewater to deal with all requests for support. Ridgewater have only been running the HHD programme since April 2021 and are still in the process of getting known and finding partners to work with in the west and north of the county.

Bridport Town Council and the energy champions are keen to be partners and work with Ridgewater Energy to ensure eligible households in Bridport get the support they need to better tackle fuel poverty issues.

It was agreed that early Autumn is the best time to promote energy support services; new programmes are coming on stream and households tend to be more receptive to energy initiatives heading into winter.

Ridgewater Energy are happy to attend any advice events set up by the Bridport energy champions.



## Winter Home Health Check

1.	Test your heating	Does it switch on OK? Does the system heat up?	If your heating doesn't switch on, call a GasSafe registered heating engineer. Do not take risks with your heating.
2.	Check your radiators	Do all of your radiators heat up?  Is the heat even?  Are you heating the spaces that you need and not the ones you don't?	If some radiators don't heat up, you may have a block in your system. Call a GasSafe registered heating engineer to clean out your system.  If a radiator has warm patches and cold patches, it might have air bubbles inside it. You can "bleed" your radiator to remove these bubbles. You'll need a radiator key, available from most hardware stores. Watch this video on how to bleed a radiator: <a href="http://www.youtube.com/watch?v=VR97NZdVWbY">www.youtube.com/watch?v=VR97NZdVWbY</a> .  Most radiator valves will let you change settings (often from 1-5 or I-III). Turn down the radiators in rooms that you don't use very often.
3.	Check your timers	What time is your heating set to switch on?  Are your timers set the same every day?	It's easy just to set your timers and forget about them, but you'll save money and be more comfortable if you adjust them from time to time.  See how long it takes for the heating to warm up and set your timers to match this, so you're not wasting energy heating space when it's empty.  Try to match your timers to your lifestyle – programme or adjust them for weekends or if you're working shifts.  Check the next day's weather forecast and see if you can leave your heating off for an extra hour in the morning.
4.	Check your temperatures	What temperature is your system set to?  What do you do if you're too hot or too cold?	Recommended temperatures are 18-21 degrees in a living room and 18 degrees in a bedroom. If your home is consistently below 18 degrees, you could face health issues or find that your home has problems with damp and mould.  If you're sitting still for long periods, you will start to feel colder. Move around to warm up. Make sure you're dressed appropriately – that extra jumper won't hurt.  If you're too hot, turn the heating down or off. Try not to open the windows as this just lets the heat out.
5.	Check your chimney	Is your chimney blocked?  Is there a damper fitted in the chimney?  Are there draughts coming from a chimney that is not in use?	Fires and stoves need ventilation from a chimney. If your chimney is blocked, it may not "draw" properly and dangerous carbon monoxide may spill out into the room.  A damper is a flap which can be opened (when a fire is in use) or closed (when there is no fire). Closing the damper helps reduce draughts coming down the chimney. If you have a gas fire and a damper, the damper should be permanently open.  If you do not have any sort of fire or stove, you can install a draught excluder into your chimney. These are usually in the form of thick plastic balloons or panels of insulating material. Do not block your chimney if you use your fireplace.
6.	Check for draughts	Are there draughts coming from windows or doors?	You can buy draught proofing tape at hardware shops; simply stick around the edges of leaky doors or windows.  A cover for your letterbox can keep draughts out and draught excluders along the foot of a door can help keep you warm.  Do not block vents! They are there to help prevent the build-up of condensation and damp.
7.	Keep mould under control	Are there patches of mould on walls, in corners or behind furniture?	Mould comes about when moisture gets stuck in cold rooms. Make sure you get moisture out by opening vents and using extract fans when you are cooking, washing or drying clothes.  If mould does appear, keep it under control through regular cleaning. Mould sprays are available at local shops.  If you're redecorating, you can get paint designed for rooms that are damp.
8.	Lag that loft	How well insulated is your loft?	Check your loft. Ideally, you should have loft insulation that's around 30cm (12 inches) deep.  You can buy loft insulation from local hardware shops and install it yourself.  Alternatively, you may qualify for free or discounted loft insulation through a government scheme. Find out more at <a href="http://www.simpleenergyadvice.org.uk/pages/energy-company-obligation">www.simpleenergyadvice.org.uk/pages/energy-company-obligation</a>  Make sure that loft insulation is evenly spread across the space with no gaps. And insulate or draughtproof your loft hatch too.
9.	Check your tariff	Are you getting the best deal that you can?	You don't have to switch energy supplier to get a better deal. You can phone your current supplier and ask them if you are on the best tariff for your use.  If you are on a fixed term deal, or if you're considering one, check the terms for what your tariff will be at the end of the fixed term. Sometimes they go up significantly! Make a note to shop around again as you reach the end of the fixed term.
10.	Make sure your bills are accurate	Do you still rely on estimated bills?	If you're relying on estimated bills, you might be paying too much for your energy. Read your meters regularly and give the readings to your energy supplier so you can get an accurate bill.  Your energy supplier may also offer a smart meter or a visual display to help you monitor how much energy you're using. Smart meters are free to install.

**Committee:** Environment Committee

**Date:** 16 March 2022

**Title:** United Nations Intergovernmental Panel on Climate Change report 2022

### **Purpose**

To inform members of the latest UN Intergovernmental Panel on Climate Change (IPCC) report findings

### **Recommendation**

Members note the report

### **Background**

1. Created in 1988 by the World Meteorological Organisation (WMO) and the United Nations Environment Programme (UNEP) the objective of the IPCC is to provide governments at all levels with scientific information that they can use to develop climate policies.
2. The [Intergovernmental Panel on Climate Change](#) (IPCC) is a panel of 195 member countries. The Panel meet in Plenary Sessions at least once a year. The Sessions are attended by hundreds of officials and experts from relevant ministries, agencies and research institutions from member countries and from observer organisations. The panel works by consensus to decide on the organisations budget and work programme and the scope and outline of its reports. IPCC reports are a key input into climate change negotiations.
3. The sixth assessment report 2022 (Previous reports were published in 1990, 1995, 2001, 2007 and 2014) is made up of the reports of three working groups (WG I, II, and III) and a synthesis report which will conclude the assessment in late 2022.
  - a. *The Physical Science Basis of Climate Change* in August 2021 (WGI contribution)
  - b. *Impacts, adaptation and vulnerability* in February 2022 (WGII contribution)
  - c. *Mitigation of climate change* in March 2022 (WGIII contribution)
  - d. *Synthesis Report* in October 2022

### **Report**

4. The full report is 3,675 pages, plus a 37-page summary for policymakers. It contains information on the impacts of climate change on nature and human activity. Topics examined included biodiversity loss, migration, risks to urban and rural activities, human health, food security, water scarcity, and energy.
5. The report found that climate impacts are at the high end of previous estimates, with all parts of the world being affected. At least 3.3 billion people, about 40% of the world population, now fall into the most serious category of 'highly vulnerable', with the worst effects in the developing world. If emissions continue on their current path, Africa will lose 30% of

its maize cultivation territory and 50% of its land cultivated for beans. One billion people face flooding due to sea level rise. It emphasises the loss and damage caused by climate change, a topic which rich countries have previously resisted taking responsibility for. Droughts, floods and heatwaves are becoming more frequent, and a mass extinction is already underway. The report identified 127 different negative impacts of climate change, some of them irreversible.

6. It also highlighted the need for conservation in order to maintain biodiversity and mitigate the effects of climate change. The report reads, "Recent analyses, drawing on a range of lines of evidence, suggest that maintaining the resilience of biodiversity and ecosystem services at a global scale depends on effective and equitable conservation of approximately 30% to 50% of Earth's land, freshwater and ocean areas, including currently near-natural ecosystems."
7. The report was critical of technological approaches to carbon dioxide removal, instead indicating that urbanisation could help drive adoption of mitigation strategies such as public transport and renewable energy. The report also warns there are high risks associated with strategies such as solar radiation management; planting forests in unnatural locations; or "poorly implemented bioenergy, with or without carbon capture and storage".
8. The report describes how climate change, together with other factors, increases the risk for emergence of infectious diseases like the COVID-19 pandemic.
9. The country that will pay the highest financial cost if the temperature continue to rise is China. The impacts will include food insecurity, water scarcity, flooding, especially in coastal areas where most of the population lives due to higher than average sea level rise, and more powerful cyclones. At some point part of the country can face wet-bulb temperatures higher than humans and other mammals can tolerate.
10. The report states that even a temporary overshoot of the 1.5 degree limit will lead to negative effects on humans and ecosystems. According to the report: "Depending on the magnitude and duration of overshoot, some impacts will cause release of additional greenhouse gases (medium confidence) and some will be irreversible, even if global warming is reduced (high confidence)"
11. Although the report's outlook is bleak, its conclusion argues that there is still time to limit warming to 1.5 °C (2.7 °F) by drastic cuts to greenhouse gas emission, but such action must be taken immediately.

## Reactions

12. Alice Bell, for an article in The Guardian newspaper on 28 February 2022, wrote:

The key findings are bleak, if familiar. Climate breakdown is accelerating rapidly; many of the impacts will be more severe than predicted. Nowhere will be spared.

*"The scientific evidence is unequivocal: climate change is a threat to human wellbeing and the health of the planet,"* said Hans-Otto Pörtner, a co-chair of the working group producing this report.

The UN secretary general, António Guterres, described it as an "atlas of human suffering".

The report is scientific, yes, with the numbers and notes on degrees of confidence you'd expect, but with a clear conclusion: we are living that nightmare-scenario future that scientists in the 20th century warned us about.

*“Any further delay in concerted global action will miss a brief and rapidly closing window to secure a liveable future,”* said Pörtner.

Not only are we on course for loss and suffering, many have lost and suffered a lot already, and some things are already gone for ever. As John Kerry, the US special presidential envoy for climate, put it:

*“The question at this point is not whether we can altogether avoid the crisis – it is whether we can avoid the worst consequences.”*

13. Any recommendations from this committee will be considered by the Full Council on 6 April 2022.

Matt Adamson-Drage  
Operations manager  
March 2022