

Climate Change Mitigation Advisory Group Report for November 2024

1. A village resident has borrowed the thermal imaging camera. He had previously borrowed it some time ago so I asked him if he would mind comparing his results this time with those he had before. He came to the same conclusion that I had. It can still give a guide to where cold spots are in a house but the images are not sharp and the false hotspot in the centre of the image doesn't fill you with confidence that it is working properly.

PROPOSAL: Therefore, I would like to propose that we replace it as soon as possible since there is sufficient money in this year's budget allocation to do so. I recommend that we purchase a Hikmicro pocket 2 thermal imaging camera which currently retails at £499 from Amazon. We would then need to insure it.

I have written a piece for the Roundabout to remind residents that we have the camera.

PROPOSAL: To suggest that we have a more formalised system for loaning it out including a loan agreement such as that used by CCF, see below.

2. Repair Café 2: 8th February 2025

This is now booked with the VH and with CCF. I have three volunteers to repair through them from our first appeal last month. Two of them came last time and a newcomer. I also have two more volunteers to repair whose arms I have twisted. Adverts are in the process of being sent to local village magazines, etc.

We would like to purchase a "SumUp" portable credit/debit card reader for café purchases. <https://www.sumup.com/en-gb/card-readers/> The transaction fee is 1.69% and the cost of the Solo machine is currently £39. There are no monthly fees and no contracts. Many organisations use these and I would like to propose that we purchase one.

I have written a short article on the responsible disposal of batteries to hopefully go into the January edition of the Roundabout.

We will also be publishing the 12 Days of a Sustainable Christmas on Facebook as per last year.

Buckden Parish Council Thermal Imaging Camera Loan Agreement

If you haven't used a thermal imaging camera before, we recommend that you view the following training videos before using the camera.

<https://cambridgecarbonfootprint.org/wp-content/uploads/2023/12/Slides-TI-Train-14Dec23.pdf> A comprehensive introduction to the process of thermal imaging, how to use the camera to detect draughts, areas of heat loss, etc.

<https://www.youtube.com/watch?v=DIEyGwPa2zQ> Getting started with the Hikmicro 2 pocket thermal imaging camera.

By signing the loan agreement you agree to follow the procedures listed below. Then you can investigate where your home is leaking heat.

1. The camera is insured for loss or accidental damage, but for this to apply, **you must:**
 - a. Keep it with you or in a locked place
 - b. NOT lend it to anyone else
2. For **smooth running of the borrowing scheme**, please agree to:
 - a. Collect & return the camera as arranged with its host. If this becomes impossible make alternative arrangements with the camera's host .
 - b. Do not touch or clean the delicate camera lenses. They will work fine with a little dust, but if you are concerned about it please contact the camera host directly.
 - c. Report any damage or problems with the camera
 - d. Briefly describe your camera use using the form overleaf for each building visited. This really helps us to see how valuable this is as a tool to help residents.
3. If you have Covid symptoms, a positive test or other health concerns when borrowing a camera, please tell the host ASAP.

Contacts:

For camera collection or return, contact the camera's host (see your booking confirmation email)

Thermal Imaging Survey Feedback

How many buildings did you survey with this camera?

Please give a brief description of the type of building surveyed e.g. 1960's dormer bungalow

Results - briefly describe what you found.

Action - what action (if any) will be taken as a result of the survey?

How was your overall experience of the training videos, borrowing and using a thermal camera?

Excellent

Poor

1

2

3

4

5

Please expand on your answer, if you wish

How can we improve our thermal imaging training and camera loan system?

What you recommend others to borrow the thermal imaging camera from us?