

Allan Jones

November 2020 BPC report Climate Change Mitigation Advisory Group

Proposal: "Purchase of a FLIR C5 Compact Thermal Camera, Resolution 160 x 120 with MSX enhancement at a cost of £750 inc vat"

Climate Change Mitigation Advisory Group Report November 2020

1. I propose that the council considers bringing forward the purchase of a Thermal imaging Camera, from the agreed budget of the Climate Change Mitigation Advisory Group 2021 /2022 to now, in this approaching winter.

The reasons are that, thermal imaging camera's only work well when the contrast in temperatures is high, ie when warmth is leaking from a building into the cold air surrounding it and conversely inside when cold areas are showing, in an otherwise warm house.

I feel therefore that it is important not to delay this purchase because it will result in a full delay of one year before any useful progress can be made in helping residents identify insulation problems in their homes, and therefore by addressing this and making a positive contribution to Climate Change as well as to save money long term on heating bills.

The unfortunate re-introduction of lockdown may hinder the rollout of some thermal imaging surveys, but for this difficult period a basic survey could still be achieved from the outside of properties, as this could be considered as the most important element of identifying heat loss.

We would appreciate views of the council as to whether we should seek to recoup some of the cost of the equipment. We are considering making a charge to those who wish to use this service by either hiring the camera or providing it as a service in the form of providing images to the householder.

1. For information, The Buckden Shell garage is in the planning process to install

4 EV charging points and this is welcomed, works also appear to be in progress. There is very little information available but it is probably 50kW fast chargers that would charge the average EV in 30 minutes. These chargers will provide a quick mid journey top up, we are endeavouring to confirm the output of the Shell chargers to assist us in our efforts to install 7kW chargers in the village, that will serve the purpose for EV's to charge over a longer period of something like 4 hours, more suitable for visitors enjoying the attractions of Buckden or residents without off road charging/parking facilities. However this 7kW scheme is in the hands of Cambridgeshire County Council and is now not expected to proceed until April 2021 at the earliest.