

# Appendix C: Officer Summary of Eligible Applications

## Carbon Emission Reduction / Locking up Carbon

### Cottenham Community Centre

Who are they? A community centre for the residents of Cottenham and the local area. Services to the community include a Community Coffee Shop (open 6 days each week), a hall and dance studio which are well used by a range of community groups and for activities and events which we organise and promote.

What is the proposal? To replace existing heating controls with a 4-zone heating control system with much greater flexibility in time-of-day and day-of-week programmability - and with remote access; upgrade TRV's in public areas to a tamperproof type. Also, to integrate control of existing IR heaters into this system and add stratification fans into the Coffee Shop area to prevent warm air from concentrating in the vaulted spaces above head-height.

#### Comments:

The Community Centre is primarily heated through a natural gas boiler-fed wet radiator system. This is supported in our main hall by electric Infra-Red heaters. The gas boiler, most radiators and the IR heaters were installed reasonably recently and are efficient. The monitoring and controls though are limited and antiquated which leads to significant inefficiencies due to poor control of temperature and times of operation. The project will reduce the building's consumption of natural gas by at least 15%, which would reduce its carbon footprint by 1,052 kg CO<sub>2</sub>e. The Community Centre is contributing 10% of the overall project cost itself, and has a further £10,200 in grant funding pending, following the outcome of two other grant applications. Cllr Eileen Wilson is supportive, and the Community Centre hope to promote the project and the benefits of such building upgrades to the wider community. The lease on the Centre has 37 years remaining and this project is compatible with plans to further upgrade the building.

How much requested? £15,000.00

Score (%) 66

Rationale: This project offered fewer carbon savings for the max amount requested than comparable projects in the carbon reduction category.

### **Duxford Community Centre**

Who are they?                      Community Centre in Duxford

What is the proposal?            Installation of a Solar Electricity Generation System

Comments:

The Community Centre has a large roof ideal for the installation of Solar Panels. The installation of these will reduce the carbon footprint by 52% (13 tCO<sub>2</sub>e) and reduce electricity costs by 26%. The building is 3 years old and was designed to be as energy efficient as possible. Heating is by Air Source Heat Pumps with a sophisticated control system and there is LED lighting throughout. The Community Centre will contribute £30,000 of its own funds and potentially has a further £46,835 secured from two other grant applications, pending outcomes. Following project completion, the reduction in electricity cost would assist in ensuring that the DCC charity operates sustainably for the foreseeable future and continues to deliver social benefits to Duxford and surrounding villages.

Installed capacity of PV system (kWp) – 67.2

How much requested?        £15,000.00

Score (%)                            79

Rationale: This project scored well under the carbon reduction criteria as the large solar array offered significant carbon savings for the money. Officers were also impressed by the amount of funding from other sources (£15,000 requested from ZCC out of £87,840 total project cost).

### **Gamlingay Leisure**

Who are they?                      Gamlingay Leisure is a community gym offering health and leisure benefits to Gamlingay and the wider community.

What is the proposal?            The MUGA lamps are now not fit for purpose due to high mercury content and need to be replaced by modern, low carbon emission LEDs.

Comments:

These lights were put in when the MUGA was built 10 years ago. As of Sept 2022, the lamps used in the existing floodlights have been banned from being produced due to high chemical content in the lamp, particularly Mercury. They are expensive to run and this has made it hard to offer the pitch to smaller community groups at prices they can afford. The lighting upgrades would result in carbon savings of 174 kgCO<sub>2</sub>e pa. The community tithe fund will contribute £2000 to the project and the new lighting is estimated to last 70+ years.

How much requested?     £14,000.00

Score (%)                     66

Rationale: This project scored lower under the carbon reduction criteria as it did not offer significant carbon savings for the amount requested. Officers felt this was more of a 'business as usual' project to replace lights and would have liked to see a more ambitious project to decarbonise the leisure centre.

### Hope Against Poverty

Who are they?                A community interest company dedicated to combating poverty and improving the lives of vulnerable individuals and families. Its work encompasses areas such as food, education, and employment, aiming to empower individuals and communities to break free from the cycle of poverty

What is the proposal?        Funding to replace conventional van with an electric van.

Comments:

Hope CIC provides free parcels to families and individuals who are going through hardships. They recently launched a Mobile Food Hub to visit villages across South Cambridgeshire where the residents do not have access to a food bank within a reasonable radius. An electric van would save 4800 kgCO<sub>2</sub>e versus a conventional diesel van. Hope CIC plan to sell their current van for £5000 to make up the £20,000 total cost and wish to set an example to other voluntary/charity groups to make the switch to carbon neutral transport.

How much requested?     £15,000.00

Score (%)                     76

Rationale: This project scored well as an electric van represents significant carbon savings over the conventional diesel van currently in use.

## Landbeach Village Hall

Who are they? Village hall providing a space for local organisations to use

What is the proposal? Install 27,360-watt solar panels on the roof of the Village Hall to provide carbon free electricity to the Village Hall.

### Comments:

Efforts to reduce electricity consumption have already seen the building's consumption reduce from 20,000 to 16,000 kWh over the past two years. This equates to a reduction of 3600kgCO<sub>2</sub>e. The new system is expected to generate 7916 kWh of electricity which equates to 6728kgCO<sub>2</sub>e. The Parish Council and Village Hall between them will contribute £3830. The panels are expected to last 25 years.

Installed capacity of PV system (kWp) – 9.72

How much requested? £15,000.00

Score (%) 79

Rationale: This project scored decently for carbon savings/£. The officer panel would have liked to see more funding contributed from the PC and Hall themselves but overall the carbon reduction potential of the project is solid enough to be recommended for funding.

## Milton Community Centre and Rec

Who are they? Milton Community Centre and Recreation Grounds (MCC)

What is the proposal? Replace inefficient lighting with energy efficient and modern LED lighting at MCC Main Building interior and exterior and Five-a-side cage and interior at Sycamores Youth Building.

### Comments:

Project is to replace remainder of indoor and outdoor lighting at the MCC main building and at Sycamores Youth Building at a different location in Milton. The changes are expected to save 2648 kgCO<sub>2</sub>e; LED bulbs are more expensive per unit than the current inefficient High Pressure Sodium lighting, but have lower carbon emissions from manufacture, significantly longer life and consume significantly less energy and therefore have lower carbon emissions during their lifetime.

How much requested? £8,321.67

Score (%) 71

Rationale: Again, this project scored well using the carbon reduction/£ metric. Officers were also glad to see MCC's experience in delivering similar projects and this project's place as a step in a programme of works.

### **Swavesey Squash Club (Cavity Wall)**

Who are they? Community squash club, run on a not-for-profit basis, with the aim of encouraging participation in squash

What is the proposal? To install cavity wall insulation into the external walls of the club building

Comments:

The insulation is expected to save 930kgCO<sub>2</sub>e pa and should last the entire lifetime of the building. The Club are working from the energy hierarchy, in which the first step is to conserve energy by making the building more efficient.

How much requested? £1,484.00

Score (%) 74

Rationale: This project is recommended for funding given the significant carbon savings/£ of funding requested.

### **Swavesey Squash Club (Solar PV)**

Who are they? Community squash club, run on a not-for-profit basis, with the aim of encouraging participation in squash

What is the proposal? Installation of a Solar Electricity Generation System (solar panels and battery storage)

Comments:

The Club has taken several measures already to reduce their carbon footprint including heating controls and timers, LED lights, closer seals on doors, cavity wall in the original part of the building and a ventilation system to reduce heat loss. Solar PV and battery will reduce the Club building's emissions by an estimated

2009kgCO<sub>2</sub>e pa. They have consulted an electrician specialising in renewables for this project and will contribute the additional £3700 themselves to cover excess costs. The lifetime of the Solar PV is 25 years.

Installed capacity of PV system (kWp) – 8.8  
Capacity of battery (kWh) – 5.12

How much requested?     £15,000.00

Score (%)                     67

Rationale: Officer noticed this solar PV project was more costly and offered less carbon savings than comparable solar PV projects in this category. Officers would also liked to have seen more funding put towards the project by the club.

### **Townley Memorial Hall**

Who are they?                Townley Memorial Hall Ltd manages the Fulbourn Centre which is a large community building that provides leisure facilities and meeting rooms for use by villagers and others

What is the proposal?        Replacement of lights with LED lights to reduce carbon emissions and electricity costs in the Fulbourn Centre

Comments:

The Trust have audited the likely cause of high electricity requirements and identified ways to reduce both requirements and cost. Many of the light bulbs in the Centre are non-LED – replacing them will reduce the building’s emissions by an estimated 2380kgCO<sub>2</sub>e. The Trust has already replaced all the Sports Hall lights with LEDs, funded by a grant from the local Multi-Use Games Area. Further work will be undertaken to explore use of sensors to automatically switch on/off the lighting (already in place in some areas). The Trust believe that reduction in energy consumption and costs is vital part of future-proofing this important community facility and that cost savings and reductions in carbon emissions would be realised immediately.

How much requested?     £4,000.00

Score (%)                     79

Rationale: The project scored in the bottom half for carbon reductions/£, and officers were concerned by a £700+ shortfall in funding – the application did not state where this was to come from.

## Wysing Arts Centre

Who are they? A cultural institution set across an 11-acre rural site in South Cambs. There are 20 artist's studios, a public gallery, recording studio, ceramics facilities, educational and project spaces, accommodation for visiting artists, and outdoor space with sculpture

What is the proposal? Purchase of solar PV system and inverter

### Comments:

The solar panels will go in a field on site and will supply Wysing with 11,007 kWh of electricity annually which converts to around 2 tonnes of CO2 saved. Wysing have worked with an Environmental Consultant focusing on Net Zero strategies, Scope 3 emissions calculations and reporting, and science-based target setting at Carbon Intelligence. Wysing has a designated reserves budget of £30,000 and an annual budget of £23,000 for building maintenance and upgrades. This will ensure that the new system is well maintained, lasting and sustainable. They will also contribute £19,370 to cover the rest of this project's costs.

Installed capacity of PV system (kWp) – 13.92

Capacity of battery (kWh) – 10

How much requested? £15,000.00

Score (%) 79

Rationale: Officers were particularly impressed by the additional value promised by the project, in particular the expert volunteer input and match funding in excess of the amount requested. This, combined with acceptable carbon savings/£, led to the project being the highest scorer in the carbon reduction category.

## Community Engagement

### Cambourne Village College

Who are they? Secondary School

What is the proposal? A one-day pupil-led eco festival for students and the wider community.

### Comments:

The eco festival will consist of interactive stands ranging from fast fashion (including mobile phones and gadgets), energy, food and diet, recycling and waste, transport, buildings, and packaging. Featured stands will include Cambridge Sustainable Food, Cambourne Repair Café, the Wildlife Trust, Hope CIC and Cambridge Carbon Footprint. There will also be a gallery of Cambridgeshire wide school art competition entries, and a VR experience. The event is planned to directly influence 200 people and the art competition is extended to all Cambridgeshire schools.

How much requested? £4,100.00

Score (%) 71

Rationale: Officer were impressed by the level of collaboration between organisations in this project, but the one-day nature of the event limited the application's score in the lifetime impact criteria and resulted in a middling score.

### **Cambridge Past, Present & Future**

Who are they? Cambridge, Past, Present & Future is an independent, local charity that looks at the bigger picture of the development of Cambridge, safeguarding historic buildings, green spaces and nature.

What is the proposal? The aims of the project are to promote volunteering opportunities to tell people how they can get involved with nature recovery to combat climate change and biodiversity loss.

Comments:

PPF cares for 550 acres of green spaces which are open to the public and free to access across the Greater Cambridge Area – Wandlebury Country Park, Coton Countryside Reserve and Barnwell Meadows. Each year Cambridge Past, Present & Future welcomes 120,000 visitors, teaches 2,000+ school children, hosts 100+ cultural events and works with more than 200 volunteers. The project involves the following activities: coppicing - managing woodland to capture carbon and provide habitat; replacing lost trees - assess loss and replace; laying hedges and rewilding through scrub control; orchard management - pruning mature trees, mulch, weed control, water; distributing fruit crops to food banks; installing 15 new bat and bird boxes and providing food sources and habitat through woodland thinning and seeding an underlayer. 50 volunteers will be directly influenced.

How much requested? £5,600.00

Score (%) 70

Rationale: Officers would have preferred this project to have been more geared towards educating people/affecting behaviour change – although CPPF’s sites are well-visited, the 50 volunteers directly influenced proved too low in comparison to the other projects in this community engagement category.

## **Cambridge Sustainable Food**

Who are they? Cambridge Sustainable Food’s mission is to build a fairer, sustainable food system which supports the community and the environment. CSF runs festivals, events and activities ranging from last year's Food for the Future Climate Festival to cookery workshops and participatory Holiday lunches. They work with networks and alliances throughout the County to foster community solutions to food insecurity, and are part of the Sustainable Food Places network.

What is the proposal? To develop, showcase and make available tools for a network of community food projects working with the existing eco groups/climate leaders network, working with 2G3S and HH Eco to embed and build participation and knowledge at the community level about food and GHG reduction through events and activities.

### Comments:

The project will develop/update materials and run a stall engaging visitors on climate diets and food waste reduction at local fair days across South Cambs, hosted in partnership with eco groups eg: 2G3S, Burwell or HH Eco Group; develop dedicated web pages and host a S Cambs community food projects directory; run a district wide Good to Grow Campaign and enlist at least 6 gardens to sign up to the good to grow weekend of action Good to Grow Day is a national weekend of action for edible gardens to celebrate the new growing season, open their doors to the local community and encourage people to volunteer. 264 people will be directly influenced through the project and a further 3500 influenced via social media and stalls at events.

How much requested? £15,000.00

Score (%) 85

Rationale: This project’s direct teaching/informing around food and climate, combined with the network of food/growing projects it establishes, resulted in high

scores under the community engagement and lifetime impact criteria and a high score overall.

## **Cambridge Carbon Footprint – Repair Café Network**

Who are they?	Cambridge Carbon Footprint (CCF) helps individuals and organisations to make meaningful reductions in carbon emissions, engaging them in the circular economy, sustainable food, and energy reduction.
What is the proposal?	To deliver 'How to Run a Repair Cafe in your Community' workshops, training at least 6 new groups in South Cambs; support three new Repair Cafes to get started in South Cambridgeshire, where possible prioritising gaps in coverage; to fundraise for a new communal toolkit to ensure South Cambs groups have access to a local toolkit; develop a Repair Cafe Hub in South Cambridgeshire, which would host the new toolkit and provide a prototype for more decentralised Repair Cafe hubs/support; to rollout and provide training for existing and new groups in how to use the Fixometer, supporting them to demonstrate their emissions savings with local residents; to recruit new repairers; develop relationships with local businesses looking to collaborate on organising repair cafes, engaging employees as volunteer organisers and repairers and opportunities for sponsorship and funding and consult with members to develop a plan for sustainable growth.

### Comments:

Repair Cafes are community events that match people who need stuff fixed with people who are passionate about fixing things. 65% of people are frustrated at how quickly products break, and 62% of people find it difficult to get things repaired. The Cambridgeshire Repair Cafe Network (CRCN) aims to plug that gap, by providing training, resources and support for a growing group of community repairers and organisers who give their time and expertise to run free community repair events.

40 Repair Cafes over the next 12 months, with 50% within SCDC. On average each Cafe sees approximately 40 items, and has a 65% successful repair rate. We estimate therefore that we would be able to fix 1,040 items (50% in SCDC), preventing as many households from having to purchase new items.

How much requested?     £15,000.00

Score (%) 90

Rationale: With the project's emphasis on training and establishing a central hub, volunteer register and toolkit, foundations are laid for a network of repair cafes that can operate in South Cambs and self-support beyond the funded project's lifetime.

### **Cambridge Carbon Footprint – Home Energy Support**

Who are they? Cambridge Carbon Footprint (CCF) helps individuals and organisations to make meaningful reductions in carbon emissions, engaging them in the circular economy, sustainable food, and energy reduction.

What is the proposal? To support individuals and communities to upgrade homes and reduce energy use, offering information and support via a series of expert talks, free tours of low carbon homes, a free thermal imaging training and loan scheme, and our newly recruited Home Energy Officer.

Comments:

The Open Eco Homes and Thermal Imaging projects help people improve the energy efficiency and sustainability of their homes. The grant funding would expand these programmes. A key element of this is the recent recruitment of a Home Energy Officer Fran Sutton to work on this year-round. The TI season runs from November to early April and last season saw a surge in demand that CCF were unable to fully meet, even with 315 loans of 9 cameras (5 of which belong to SCDC). 100 people have already requested email alerts when next season's training and camera loan bookings open.

Volunteer hosts for each camera are evenly spread around SCDC and Cambridge City areas, enabling most camera loans to be local, but the availability of cameras limits the number of people the TI project can reach, so, to meet the expected demand, CCF will buy and borrow more cameras and recruit more volunteer hosts. The scheme is expected to directly influence 1365 people: 75% of 2022 OEH questionnaire respondents said they would be making changes to cut their home energy consumption as a result of OEH. This equates to 555/740 participants. 85% of recent TI questionnaire respondents said they would be making home energy improvements as a result. This equates to 688/820 people with TI surveys.

How much requested? £11,095.00

Score (%) 89

Rationale: The officer panel felt this project's local, interpersonal approach to educating around home energy upgrades was likely to affect real behaviour change.

## Let's Cook Project

Who are they? A social enterprise based in South Cambs that is on a mission to equip the local community with the skills, knowledge and confidence to cook from scratch, providing training and support for communities to run cooking activities for children, young people and adults.

What is the proposal? 30 representatives from 10 community facing settings will attend a one-day training event. Attendees will be equipped with the skills, knowledge and confidence to deliver practical cookery sessions with their own beneficiaries with a focus on reducing avoidable food waste.

### Comments:

Training will show delegates how to portion plan meals, how to safely batch and store food and how to 'love your leftovers'. It will use and pass on the Love Food Hate Waste campaigns such as 'complete it', 'eat what you buy' and 'buy what you eat'.

The recipes used in the training and in the toolkits will be focused on food waste and will encourage ingredient swaps wherever possible to use up food that would otherwise go to waste. The training will de-mystify food labelling, explaining the differences between 'use by' and 'best before' dates. It will also tackle packaging waste and how this can be reduced or re-used. The project will have 270 direct beneficiaries. These 270 directly trained pass on knowledge and skills to the equivalent of 1.5 people, increasing this reach to 405. Each community event is likely to attract on average 50 people, 10 settings x 50 people at a community event (x2) = 1000 people. Publicity could reach an additional 500 people.

How much requested? £15,000.00

Score (%) 75

Rationale: The project scored highly under community engagement for expanding an existing network into community settings which can access a range of groups/demographics.

## Little Shelford Community Orchard and Woodland Project

Who are they? A group of volunteers managing the planning, implementation and maintenance of

woodland/orchard/meadowland on behalf of the landowners (Little Shelford Parish Council).

What is the proposal? Hedge restoration. Preparing the ground for and planting a wildflower meadow. Purchase of hosepipe and hose cart for ongoing watering.

**Comments:**

The project will be maintained by volunteers, overseen by the Committee. It is hoped that over time other areas in the village can be 'greened', with reference to the Little Shelford Village Design Guide (adopted December 2021). Working with the Parish Council, a grant has been secured from UTCF for trees to be planted on both our project and the village recreation ground.

There are approx. 12 volunteers currently involved in maintenance – the project could potentially reach 1000 people including villagers and the children of Great and Little Shelford School.

How much requested? £4,395.00

Score (%) 75

Rationale: Although officers thought this was a thoughtful and positive project, they felt the main aim was to improve biodiversity in the village rather than engaging people around nature recovery/biodiversity. Officers felt that the project was better suited to the Community Chest Biodiversity Pot, and would invite the Parish Council to apply there.

**Sheddit!**

Who are they? Sheddit! is a community organisation that organises activities for local people. These are aimed at reducing social isolation and promoting opportunities for social engagement, skill sharing and building friendships. Members meet and carry out creative projects of their own choosing, individually, jointly and for the benefit of the wider community.

What is the proposal? Biodiversity Art workshops - 15 over 12 months, free for all ages in the community. Identifying further areas for biodiversity development in the village. Biodiversity map of the village

**Comments:**

The project will enable people to learn about the huge carbon store that is the soil, and provide them with the equipment, help and understanding to cultivate it and protect it through such means as composting, creating healthy soil through such practises as hügelkultur\* and planting native species, and avoiding chemicals and other damaging practises. This naturally also encompasses cultivating and protecting biodiversity. It will also encourage them to think of the circular economy in their day-to-day practises, and how our actions can deplete or enrich our environment and therefore affect climate change. Creative art workshops will facilitate this learning, exploring using recycled and natural materials combined with expert led investigation into nature and the environment.

The number of people directly influenced will be 40-300, depending on event turnout.

\*a horticultural technique where a mound constructed from decaying wood debris and other compostable biomass plant materials is planted as a raised bed.

How much requested?      £12,645.00

Score (%)                      73

Rationale: Officers valued the different methods of engagement this project proposed – e.g., workshops, art, map, planting areas – but felt the core engagement was potentially limited to those who booked onto the workshops. The project scored decently but did not fall in the top half, so is not recommended for funding.