

## Community owned building energy efficiency improvements



### CASE STUDY

Edinbane Community Hall Association, on the Isle of Skye was awarded a Climate Challenge Fund grant to run the Edinbane Hall Energy Efficiency project which installed new insulation, windows and doors in the hall. The project also worked with hall users and the local community to raise awareness of climate change and action that can be taken

#### What type of project would reduce carbon emissions and help the community?

- Installation of insulation, new windows and doors to make Edinbane Hall efficient to heat, providing a comfortable community hub.
- Initiatives to increase understanding of climate change in the community and how to take action to tackle it such as reducing energy use and car journeys.

#### Consultation before applying for a CCF grant:

- Survey of all residents and consultation with members and residents at AGM's.
- Energy Audit by Real Alternatives.
- Lochalsh & Skye Energy Advice Service & Energy Saving Trust.

#### What is the CCF Grant of £58,936 funding?

- Insulation, windows and doors.
- Cycle racks and promotion of alternative transport methods.
- Information, events and assistance for the community to find out how to reduce energy use. These include presentations and newsletters to raise awareness of climate change and how community members can take action.

#### Why will carbon emissions decrease?

*(Installation of energy efficient measures - aims to save 111 tonnes of CO<sub>2e</sub>)*

- Installation of insulation, new windows and doors

*(Travel to and from hall - aims to save 204 tonnes of CO<sub>2e</sub>)*

- More events held locally in newly improved hall resulting in less travel required to other venues. Initiatives to encourage cycling and fuel efficient driving to the hall.

*(Energy efficiency advice - aims to save 259 tonnes of CO<sub>2e</sub>)*

- Information, events and assistance for local community to find out more about climate change and how to reduce carbon emissions through less energy use.

#### Measuring the decrease in carbon emissions:

- Collection of data to establish a baseline of:
  - Energy being used in Edinbane Hall, (kWh's.)
  - Energy use in homes, (kWh's) via survey results
  - Transport method to hall, via survey results.
- Record the effect that project activities are having on the above by continued measurement and surveys. Comparison of results to baseline figures.
- These figures can then be input into the appropriate section of the recommended carbon conversion spreadsheet to convert them into carbon emissions.

#### Community benefits:

- A comfortable community hall and awareness of how to make homes more energy efficient.
- Improved local facilities to host events mean less need to travel.
- Increased community cohesion as hall acts as local hub and events / communications organised by the project brings the community together.

#### Sustainable legacy:

- A warm, comfortable community hub.
- Increased awareness of climate change.
- Continued awareness raising and behaviour change activities involving energy use and travel beyond CCF funded period.

For further information see [www.climatechallengefund.org](http://www.climatechallengefund.org)

Keep Scotland Beautiful is proud to manage and develop the Climate Challenge Fund on behalf of the Scottish Government

Keep Scotland Beautiful is the independent charity which campaigns, acts and educates on a range of local, national and global environmental issues which affect people's quality of life. It is committed to making Scotland clean and green, today and tomorrow.



Keep Scotland Beautiful is a multi-faceted charity operating across the spectrum of environmental issues from littering to climate change. Our initiatives are estimated to reach at least one in five people across Scotland.

We operate in three main areas: sustainable development education, local environmental quality and sustainability and climate change.

**We are the leading provider of sustainable development education initiatives in schools, encouraging action and behavioural change by young people which will leave an enduring legacy for Scotland.** The Eco-Schools Scotland programme, part of an international initiative coordinated by the Foundation for Environmental Education (FEE), empowers young people of all ages to take action on sustainable development issues. It is an environmental management tool, a learning resource and a recognised award scheme. It is complemented by Young Reporters for the Environment, also coordinated by FEE, which encourages investigative youth journalism into sustainable development issues.

**We are Scotland's leading force acting, campaigning and training others to clean**

**up local environments and to change the behaviour which blights our urban and rural landscape.** Clean Up Scotland aims to reduce litter to make Scotland the cleanest country in Europe, and Local Environmental Quality Network aims to achieve similar goals working with local partners; Beautiful Scotland and It's Your Neighbourhood reward success in improving communities; and the Blue Flag and Seaside Awards recognise quality in Scotland's beaches.

**We enable action on sustainable development, by helping organisations and communities reduce their carbon emissions and environmental impact so that Scotland plays its part in tackling climate change.** The Sustainable Scotland Network, funded by the Scottish Government, supports sustainable development across Scotland's public bodies. The Climate Challenge Fund, also funded by and delivered on behalf of the Scottish Government, provides grant funding to community groups wishing to pursue carbon reduction measures.



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