Innovation and Waste

CASE STUDY

Beith Community Development Trust have been awarded a Climate Challenge Fund (CCF) grant to run ‘Beith Big Swap’. This three year project is helping sports clubs and teams in Beith kick the carbon habit by reusing sports kit, washing and drying kit more efficiently and swapping single occupancy car trips to matches for lift sharing, walking and cycling.

What type of project would reduce carbon emissions and help the community?
- Reducing impact and costs of energy, clothing and travel associated with sports activities.
- Raising awareness of carbon emissions and climate change.

Consultation before applying for a CCF grant:
- Consultation exercise with around 90 members through a combination of focus groups and one to one listening interviews.
- Community Energy Scotland - *grant for PV thermal energy system.
- North Ayrshire Council - letters of support received.

What is the CCF Grant of £111,775 funding?
- Staff to deliver the project (Development Officer & sessional staff).
- Staff and volunteer training and expenses.
- Rent of premises & venue hire for kit swap events.
- Promotional material and resource development.
- Low energy washing machines (*water heated by PV thermal energy system)
- Pulley system to suspend kit at roof height for energy efficient drying.
- Incentives for young people involved in the project.

Why will carbon emissions decrease?

(Kit reuse - aims to save 55.75 tonnes of CO2e per year)
- Sports kit from strips to boots is reused instead of being landfilled. Particularly effective as young people grow out of sizes.

(Energy use - aims to save 78 tonnes of CO2e)
- Kit is dried using innovative ceiling mounting drying system instead of tumble drying.

(Travel - aims to save 108.5 tonnes of CO2e)
- Car shares, walking and cycling to matches instead of single occupancy car journeys.

Measuring the decrease in carbon emissions:
- Establish a baseline of carbon emissions (before project) and then measure and record the effect that project activities are having on:
  - Weight of kit reused that would have gone to landfill (kit weighed)
  - Energy being used to dry kit (kWh's)
  - Miles travelled by car (surveys)
- These figures can then be input into the recommended carbon conversion spreadsheet to convert them into carbon emissions.

Community benefits:
- Community saves money on sports kit, transport and energy bills and brought together around kit and lift sharing.

Sustainable legacy:
- Sharing experience with other community groups:
  - A project template for community groups wanting to run this type of project is available in the Climate Challenge Fund Ideas Bank. Support in both the application and running of the project is available from Beith Community Development Trust and Senscot - Sport SEN.
  - Expanding kit wash facilities into a community enterprise. Kit reuse becomes the norm.

For further information see project themes innovation or waste on 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.