



Catrine Community Trust

wants to help reduce the carbon footprint of the village.

You can save money and help fight the impact of climate change by reducing the amount of CO2 in the environment.

How can Powerdown help you?

Energy Efficiency in the home

- Free energy efficiency advice (energy assistance package, energy conservation)
- Free Home Energy Check
- Reduce energy demand
- Energy efficient equipment advice
- Low energy lightbulbs
- Access to free home insulation and cheapest deals
- Independent information on cheapest energy tariffs from suppliers
- Loan of home energy meter to see what you are actually using in real time
- Energy saving tips



Travel & food

- Reduce travel
- Local car sharing
- Eco driving tips
- Use biofuel
- Community transport
- Walk or cycle for short trips
- Electric scooters
- Reduce shopping trips
- Bulk buying for the community
- Grow your own vegetables
- Community gardens or allotments
- Polytunnels for growing all year round
- Recycling and composting

Renewables

Where it is not possible to reduce carbon further, then energy can be generated to "offset" some of the carbon produced by our day to day activities. This can be done in the home or on a larger scale.

Small scale for the home.

Advice on "micro renewable" and sell spare energy back to the grid.

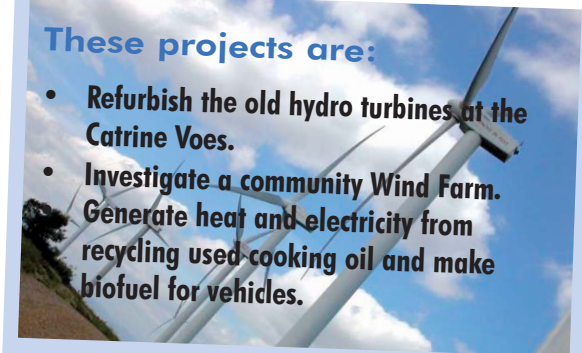
- Solar power
- Water power
- Heating exchange systems for the home.

Larger scale for the whole community.

Catrine Community Trust want to do more for the whole community and are looking at bigger projects which will bring in more income from the sale of electricity back to the grid and also produce biofuel for vehicles and heating plants.

These projects are:

- Refurbish the old hydro turbines at the Catrine Voes.
- Investigate a community Wind Farm. Generate heat and electricity from recycling used cooking oil and make biofuel for vehicles.



Carbon Footprint

~ why bother?

Climate change is one of the biggest challenges facing us today. Evidence shows that average global temperature is increasing, which in turn is leading to rises in sea levels along with increased incidences of extreme weather systems. However, if action is taken now we will be able to stop the detrimental effects climate change is having not only on a global level but also here in Catrine.

There are many things we can do as individuals to reduce our impact on climate change but if we act together as a community we can do even more.

Individuals are responsible for about 40 per cent of emissions in the UK. The biggest sources are energy use in the home, driving and air travel.

Calculate your "footprint"

We can use a "carbon calculator" to work out how much carbon dioxide you create and then find out simple ways to reduce your impact on the environment.

The average person in the community generates 12 tonnes of CO2 "greenhouse gas" per year and we need to reduce this by all doing what we can to help.

www.catrine.org.uk

Community Powerdown



Community Energy Scotland, the Development Trust Association Scotland along with 26 community groups came together to form the Community Powerdown consortium which was successful in a bid to secure £1.5 million from the Scottish Government's Climate Challenge Fund for the first phase of a coordinated effort to achieve carbon reduction projects and behaviour change within the participating communities.

Catrine is one of the communities which was awarded money from the bid to employ a Powerdown Officer for two years and appointed Civil Engineer, Hugh Hutchison, in May 2009. Hugh's job is to look at ways to reduce the carbon footprint of Catrine.

Need any help or advice?



Contact or visit:
Hugh Hutchison
AM Brown Institute
Institute Avenue
CATRINE KA5 6RT

Tel: 01290 559418

Email: hugh.hutchison@catrine.org.uk

Stop him in the street for advice or drop in and see Hugh. He is at the AM Brown Institute most mornings between 10am and Noon.



Powerdown Project

Help reduce Catrine's
carbon footprint

www.communitypowerdown.org.uk