



## **The Craflwyn Centre Environmental Statement 2008**

### ***What is the Craflwyn Centre?***

Craflwyn is a National Trust centre offering a unique environment for volunteering, training, learning, conferences and special interest holidays. The centre provides a base for the National Trust's work throughout the West Snowdonia and Llŷn area and includes a variety of accommodation types, a campsite, offices and storage facilities.

### ***What are our Environmental Impacts?***

The National Trust at Craflwyn recognises its responsibility to limit its impact on the environment and will conduct its activities to demonstrate best practice and promote sustainability. Craflwyn's environmental impacts are primarily associated with the running of the centre and operations that are based at Craflwyn which take place throughout the wider estate. By our nature, the Trust delivers a considerable amount of positive environmental impacts throughout the area. However, the main negative environmental impacts are associated with the:

- Use of electricity, oil, LPG, diesel and petrol.
- Disposal of general waste to landfill sites.
- Supply and disposal of water.
- Use of raw materials.

### ***What are our Commitments to Reducing our Environmental Footprint?***

Everyone at Craflwyn is committed to continually reducing our environmental footprint by:

- Reducing energy consumption and promoting efficient energy use by our guests
- Minimising waste by recycling
- Monitoring the consumption of resources and the production of waste and communicating the results with interested parties
- Reducing the use of chemicals to a minimum and preventing pollution
- Reducing water consumption
- Reducing the environmental impact of travelling through efficient use of vehicles and use of public transport and bikes.
- Ensuring materials, goods and services support the environmental policy and that suppliers are encouraged to improve their environmental performance.
- Constantly improving environmental performance by setting targets and recording results.
- Maintaining a high level of awareness of sustainability issues amongst our workforce and raising the awareness of our visitors
- Complying with all relevant UK and European Environmental Legislation and National Trust environmental practices.

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## Progress Report for 2008



Craflwyn is becoming increasingly popular as a wedding venue.

During the year, the number of bookings for meetings weddings and other events continued to increase. There were 24 weddings held in the Hall and occupancy for all types of groups was 62%, up by 9% on the previous year. With this type of event there is an increased number of people using the hall although not necessarily staying overnight. 17 working holidays were based at Craflwyn during the year and 57 young people staying in the yurts as part of the HERYRI youth initiative. Altogether over 580 volunteers gave up their time to work with us, resulting in 7284 hours of volunteer time on environmental projects in the area. Occupancy of Canolfan Deilen Las has increased to 23%; an increase of 5%. Although there were a few staffing changes during 2008, the total number of staff based at Craflwyn remains 13, which includes 1 Long Term Volunteer, who lived on site. Progress on our environmental achievements is described below.

### Education

Most excitingly this year saw the development of the youth initiative HERYRI which saw 57 young people taking part in pilot activities which focus on our relationship with our environment emphasising the importance of sustainability and the need to reduce our impact on the planet.

During the year we continued educating our guests and staff about Craflwyn's environmental features and how they could assist with achieving our targets for reducing our energy and water consumption and one of the ways we did this was to base our Easter Egg trail around the eco-trail.



Mongolian Yurts – 'home' for HERYRI participants



Working holiday installing micro-hydro pipe

### Energy Consumption

To enable the HERYRI project to have as small a carbon footprint as possible and to assist the development of the infrastructure of HERYRI, a micro-hydro system was installed in April by a team of volunteers. The system produces 200W of electricity which is stored in batteries and used to run lanterns for lighting. As a result the yurt campsite does not use any mains electricity.

On the rest of the site in 2008 our energy consumption increased because of increased occupancy of and activity on the site and also as a result of the particularly long and cold winter. Although LPG consumption increased by 17.6% to 23192 litres and heating oil increased by 60% to 2500 litres, it was a significant achievement that electricity consumption only increased by 0.8% 79513kWh considering that it was necessary to use electric heaters in Canolfan Deilen Las seminar room and the offices as the biomass boiler installed in 2007 proved to be less efficient than expected. At the hall, the ground heat recovery system continued to perform well with the booster boiler only required during the coldest spells equating to less than 15% of the year. Despite the marked increase in LPG and heating oil consumption, we were however able to significantly reduce our vehicle usage resulting in our CO<sub>2</sub> emissions only increasing by 5% to 87,921kg.

## Waste

We continue to recycle about 50% of our waste despite problems with collection services which has meant that we have had to investigate and contract new companies to undertake this service. A waste audit was admirably undertaken which has proved that we do recycle well, a notable achievement being tin and glass recycling has improved by 100% and 50% respectively. However, it also showed that there is room for improvement for recycling by our guests.

## Water

There has been a rise in water consumption by 8% to 870.5 m<sup>3</sup>, which correlates directly to the increase in occupancy. However, occupancy does not necessarily reflect the actual number of people using the site. Weddings, for example, have high numbers of guests during their bookings but not staying on site. Nonetheless the increase in water consumption is due to the increase in large bookings in the hall.

## Transport

During 2008, the wardening team relocated to Hafod y Llan, reducing the number of vehicles based at Craflwyn to 4 and bringing the total fuel consumption down to 4553 litres, a reduction of nearly 45% on the previous year. Also, to encourage our customers to use public transport we now offer a discount to Craflwyn customers arriving by public transport.

## Procurement



In 2008 we have had a change of caterer for supplying our business catering requirements who embraces the NT ethos of sourcing locally. Following central procurement policy BUNZL an eco-friendly company now supply all National Trust properties with disposables, combining multi-property deliveries and therefore reducing the number of deliveries to individual properties. As a result existing toilet roll dispensers had to be removed, but these were returned to the previous supplier for reuse rather than recycling.

## Our Objectives and Targets:

### During 2009 we will be striving to reduce our:

- CO<sub>2</sub> emissions by 10% to 79129kg
- Electricity use by 5% to 75,536kWh
- Fossil Fuel consumption by 10% equating to a 5370kg reduction in CO<sub>2</sub> emissions
- Water consumption by 5% to 827m<sup>3</sup>

### Other Objectives being planned are:

- Installation of biomass pellet boiler as a way of reducing oil and electricity consumption
- Installation of timer switches as a way of reducing electricity consumption
- Investigating 'green' toilets for the yurt campsite.

Signed:

A handwritten signature in black ink that reads "Richard Neale". The signature is written in a cursive, flowing style.

Property Manager

March 2009