



Case Study:

Pupil led audit – Involving pupils in energy efficiency

Summary

The SEACS project is a cooperation project funded by Europe between local authorities in Devon, Dorset, Wiltshire and Cotes D'Armor and Lannion-Trégor in Brittany, France. It has developed a range of resources which can be used in schools to develop knowledge and understanding of energy issues.

Objectives

The objectives of the SEACS project were to:

- **Raise awareness of climate and energy issues**
- **Encourage long term behavioural changes regarding energy use.**
- **Learn from each other**
- **Test and share new or innovative methods**
- **Develop common tools**

In order to deliver these objectives within schools, the SEACS project developed a range of curriculum resources including a pupil led audit, in the form of a series of worksheets for pupils to work through. This was trialled and tested by several participating schools.

Methodology

This resource was developed jointly by DARE (Devon Association for Renewable Energy), Devon County Council, Dorset County Council and Wiltshire Council.

The aim was to develop a tool for use with pupils, in both primary and secondary schools, that would support them to understand the vast range of things within their schools which use energy and where consumption can be reduced.



Resource overview

The worksheets are presented in an Excel format to allow for data to be inputted and easily calculated. Printable survey pages are included and clearly marked to enable data to be captured from around the school when computer use isn't practical.

The spreadsheet contains a number of tabs, this allows school groups or classes to tackle the activity either one section at a time or to assign sections to different groups. The sections are as follows:

Teacher Notes

Introduction

The School Building

Our Electricity

Consumption

Our Heating Fuel

Lighting

Computers & IT Equipment

Windows, Doors & Insulation

Heating & Cooling

Bathrooms & Pools

Kitchen

Renewable Energy

Each section prompts the user to look closely at a different aspect of energy use: from comparing month on month consumption to counting the number of appliances each class room has: on, on standby or off.

How were the resources used?

This resource was used differently by different schools, some choosing to carry out an audit with a small eco group, others tackling energy as a whole class.

The audits have been designed to be flexible and users can decide to use sections independently if they wish. They can also be used to support your Eco-Schools 'Environmental Review' and to support your team to 'Monitor and Evaluate' the impact of their work within school.

Contact for further information

All curriculum resources are freely available on the SEACS website: en.seacs.eu



European Regional Development Fund
The European Union, investing in your future



Fondul european de dezvoltare regională
Unirea face diferența

www.seacs.info