

## C2: MY ENERGY AUDIT

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### Overview

While issues like renewable and non-renewable energy, climate change, and resource efficiency are often investigated in the school context, it does not always follow that the understanding and knowledge gained through these investigations are then applied by the students to areas and situations outside the classroom.

In **My Energy Audit** the students take stock of their personal use of energy. In **C2 ACTIVITY 1: FOOD MILES** students, using online resources, may realise that calculating food miles is a way of personalising the environmental impact of food from crop to table to waste disposal. **C2 ACTIVITY 2: TESTING PERSONAL ENERGY EFFICIENCY** introduces students to the concept of energy efficiency both at home and in school.

This theme of energy efficiency is continued in **C2 ACTIVITY 3: ENERGY LABELS AND APPLIANCES**, where students are given an opportunity to examine a number of aspects of energy labelling, such as the meaning and rationale of energy labels, tracking energy transfers, and calculating the running costs of appliances both at home and in school. This is also an opportunity for students to consider energy efficiency in light of energy conservation.

**C2 ACTIVITY 4: ENERGY SANKEYS** introduces the students to another way of visualising energy efficiencies. The [International Energy Agency](#) (IEA) makes extensive use of Sankey diagrams to depict the energy efficiency levels of member countries.

SEAI's [One Good Idea](#) is a challenge to students who, having assessed their own energy usage both at home and in school, are now in a better position to involve their peers in the project and come up with good energy saving ideas.