

CASE STUDY – Scoil Bhríde Crosshaven, Cork



Annual Energy Savings on Lighting: 45%

The Project:

Scoil Bhríde is a Girls National School situated in Crosshaven in Cork, Ireland. All lighting at the school was inefficient and obsolete. Scoil Bhríde used **Save It Easy**® to upgrade 100 lamps to low energy lighting.

Implementation:

Energy Sense Ireland audited Scoil Bhríde in June 2010. Scoil Bhríde had inefficient 6 foot fittings that to replace would have costed in excess of €10,000. ESI were able to retrofit the entire school for a fraction of the cost and upgrade to energy efficient lamps and ballasts using the existing fittings. In August 2010 over 100 six foot T12 lamps were converted to 5 foot T5 energy efficient lamps with no disruption to the everyday workings of the school, and installation was completed within one working day.

The Savings:

By availing of the Public Sector Payment Scheme it allowed Scoil Bhríde to make an upfront payment for the project and pay the balance over a 30 month period. No extra budgets were required as the savings of the project pay for the costs involved.

Project Payback and Comments:

As a result of installing the **Save It Easy**® units, annual energy cost and product savings of €865 and CO2 emissions savings of 6 tones have been made. This installation was throughout the whole school with 45% savings on Scoil Bhríde's lighting costs. By switching energy suppliers to Airtricity, extra savings of 12% were achieved on Scoil Bhríde's energy bills.

Including annual maintenance cost and Climate Change Levy -: Less than 3 years.

Client comments

"The savings have taken effect almost immediately and long term, this project will provide a stable source of savings for our school."

Seamus O'Connor – Principal of Scoil Bhríde