BeGreen
PREVENTING WASTE & SAVING MONEY

Energy | Lighting

Cost Savings...€3,400
Investment.....€500
Payback..... >2months

Environmental Benefits:
15% reduction in CO_2

Lighting Upgrade at Dunamaise Arts Centre

The Dunamaise Arts Centre and Theatre - Portlaoise

Description of Property

The Dunamaise Arts Centre and Theatre provides theatre, cinema and arts for the community. The auditorium can seat 240, and the Centre also has a café/bar, exhibition space and an arts workshop area. The Centre was awarded its EcoCert in 2010.

Project Description

Lighting was reviewed throughout the Centre and a number of areas, notably back-of-house corridors and the café area, were identified as being excessively lit. Excess light bulbs were removed to provide a more appropriate level of lighting and reduce electricity bills.

Solution

Halogen spotlamps were replaced with LED units, which are almost 90% more efficient. By investigating the lighting system staff awareness of switching off lights was improved. €3,400 was saved on the electricity bill by reducing consumption by 15%. This saving was due to both the lighting improvements made and also an improvement in energy awareness at the centre.

Other improvements have been made by replacing the door-frame at the entrance with a draught proof seal. Heating has also been zoned in the Centre. There are plans to insulate the hot water pipework throughout the building.

Source Details:

€coCert

GreenBusiness