Comhairle Cathrach Bhaile Átha Cliath
Dublin City Council

seai SUSTAINABLE ENERGY AUTHORITY OF IRELAND

St. Patrick's Credit Union

WATTLESS Building A Community

codema Dublin's Energy Agency

Case Study - St Andrew's Resource Centre

Upgrade of Lighting to LEDs

Location: St Andrew's Resource Centre, Pearse Street, Dublin 2

Savings: 52,961 kWh or €15,267 /yr

Funding: SEAI, Dublin City Council & St Patrick's Credit Union

Completed: October 2016

€15,267
total annual savings on electricity

Project Background

St Andrew's Resource Centre dates back to 1895 when it operated as a local boys' school, and, after extensive refurbishment, reopened in 1989 as a resource centre for the Pearse Street area.

St Andrew's provides much-needed services such as childcare, a job centre, and adult education training programmes and plays a significant and ever expanding role in the life of the community it continues to serve.

As St Andrew's is a large building offering a range of services, lights are constantly in use in the building and these lights were contributing significantly to annual electricity costs before the upgrades were carried out.

Case Study - St Andrew's Resource Centre

"The lighting upgrades have made a real difference to the centre; we have reduced our electricity bill substantially and all the staff and centre visitors have remarked on the improved quality of light."

John Fitzsimons,
Manager,
St Andrew's Resource Centre

"We were delighted to support St Andrew's in financing this project. The City Council is committed to working with local communities to improve energy efficiency, and this BEC project really highlights the savings that can be achieved with real teamwork."

John Ryan, Dublin City Council

"St Patrick's Credit Union is proud of our tradition of people helping people, so we were therefore delighted to help support the upgrades to St Andrew's Resource Centre, which is a wonderful resource for the local area and is at the heart of the community that we serve."

Simon Dunne,
St Patrick's Credit Union

Project description

In 2016, St Andrew's Resource Centre worked with Dublin City Council and Codema to prepare an application for funding through the Sustainable Energy Authority of Ireland's Better Energy Communities Programme to upgrade all the lighting in the building to energy-efficient LEDs.

This included Codema carrying out a feasibility assessment to see what savings could be achieved by upgrading the centre's lighting.

The BEC was approved by SEAI in June 2016 as a joint application involving St Andrew's, Irishtown Stadium and Pearse House.

The work was carried out by Watt Less Ltd, who upgraded 120 lights in the building to energy-efficient LEDs. This work was completed in October 2016.

SEAI provided €16,440 in funding through the BEC programme, and Dublin City Council and St Patrick's Credit Union each provided over €8,000 in additional funding to help cover the cost of the works.

Results

Annual Electricity Savings	52,961 kilowatt hours
Annual Cost Savings	€15,267
Project Cost	€32,738
Payback	Just over 2 years

For further information on this project, please contact:
Dec McCormac, Project Manager, Codema. E. dec.mccormac@codema.ie T. 01 707 9818