

Lighting Upgrade

Castlecomer Community Hall – KLP

Castlecomer Community Hall is home to Deenside Early Years Community Childcare. Their building had a large electricity demand for lighting. However, after successfully upgrading their lights, the benefits and cost savings were clear. The 3 Counties Energy Agency (3CEA) through the Sustainable Energy Authority of Ireland's Better Energy Communities programme is helping by administering state-wide funding for energy efficiency and renewable energy projects.

Summary

Company name:	County Kilkenny Leader Partnership
Project actions:	Retrofit old light quad with LED equivalent fittings
Finance source:	Internal
Additional funding:	SEAI BEC 2017 programme
% funding:	50 %
Grant amount:	€ 7,670
Total project cost:	€ 15,341
25-year savings:	€ 23,597
Simple payback time:	8.13 years



	Annual Energy (kWh)	Annual Value (€)	Annual CO ₂ (tonnes)
Imports Before project	22,961 kWh	€ 2,066.49	10.7 tonnes
Imports After project	12,473 kWh	€ 1,122.61	5.8 tonnes
Savings	10,488 kWh	€ 943.88	4.9 tonnes

Benefits

Thanks to the lighting upgrade, County Kilkenny Leader Partnership saved money and reduced its carbon footprint through the BEC 2017 Programme.

The lighting upgrade has resulted in a much better quality of light by using the newest technology LED lamps. The decrease in wattage has led to much lower electricity bills.

3CEA are working hard to develop another award-winning project involving SMEs, local community groups, local authorities and homeowners. For more information on BEC please contact 3CEA office.