

Heating Upgrade

St Canice's Church



St Canice's Church was built in 1800's and used a 40-years old oil boiler with a large oil demand for heating at their building. However, after successfully replacing their oil boiler, 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:	St Canice's Church		
Project actions:	Replace the oil boiler with a high efficiency, natural gas, condensing boiler.		
Finance source:	Internal		
Additional funding:	SEAI BEC 2018 programme		
% funding:	50%		
Grant amount:	€ 12,088		
Total project cost:	€ 24,176		
25-year savings:	€ 89,079		
Simple payback time:	3.4 years		
	Annual Energy (kWh)	Annual Value (€)	Annual CO ₂ (tonnes)
Imports Before project	187,422 kWh	€ 4,872.97	38.4 tonnes
Imports After project	50,377 kWh	€ 1,309.80	10.3 tonnes
Savings	137,045 kWh	€ 3,563.17	28.1 tonnes

Benefits

Thanks to the heating upgrade, St Canice's Church saved money and reduced its carbon footprint through the BEC 2018 Programme.

The heating upgrade has helped increase the thermal comfort of the building for its users and reduced the number of hours the heating is required.

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.