



Bishop Childs Church in Wales Primary is a Voluntary Aided Christian school which was opened in April 1988, serving the community of St Mellons, Cardiff. It is a mixed school with 210 pupils between the ages of 4 and 11.

Background

Bishop Childs lighting was approaching 30 years old and had not been upgraded since opening. Their emergency lighting also fell short of current regulations.

The added complication was that the existing ceiling contained asbestos materials.

With poor light quality and escalating energy and maintenance costs, the school decided to look at a wholesale lighting upgrade.



Solution

Bishop Childs selected INECO Energy as their solutions partner to deliver a full energy efficient LED lighting solution at no cost to the school.

INECO undertook a detailed lighting and room survey to enable suitable lighting designs to meet required lighting and emergency lighting standards. INECO presented Bishop Childs with a full energy assessment detailing the energy, carbon and financial saving.

The asbestos trained team at INECO installed the new lighting solution, working diligently and taking extra care to ensure asbestos materials were handled in a safe manner. The installation was completed in four day and performed outside of school hours so that there was no disruption to the pupils or staff.

The new lighting at Bishop Childs has improved safety, delivered an enhanced learning environment, improved their environmental credentials and a reduced energy bills for years to come.

Results

Energy Savings
76%

Carbon Savings
188 tonnes

Financial Savings
£ 46,294

"The INECO team provided a professional service from start to finish and installed the project within a difficult environment.

The lights look great and we are very happy with the light quality and final results of the project"

Estates Manager, Bishop Childs