Case Study 2
PPP Schools Project

SCOTTISH
FUTURES
TRUST

Introduction

This example illustrates the benefits of collaborative open dialogue to bring forward, in a planned way, changes within the context of a PPP Schools Project to help reduce emissions.

Stakeholders Involved

The key stakeholder was the special purpose vehicle, the local authority and their FM provider.

How long did the project take?

The projects have been undertaken in a more programme orientated manner over the lifetime of the PPP Project and this is ongoing.

What was the challenge to be addressed?

The key challenge that drove this action was a desire by all parties to make changes which would reduce the carbon intensity of the PPP School estate as part of the wider Council net zero drive. This was compounded by a desire to ensure that the changes which were to be undertaken could be proven to be making a difference and to build the evidence to repeat such measures in other locations.

What were the key drivers?

The Council's ambition to reduce its emissions footprint and making a demonstrable contribution to the Council's carbon reduction strategy and targets

What was achieved?

The project established an energy forum to focus on what changes could be made. The forum allowed ECMs to be identified and developed collaboratively, allowing discussion of different approaches including undertaking proof of concept projects on a single site in order to measure success before rolling out a solution across the wider estate. The ECMs successfully implemented included changes to

> LED lighting, and improved lighting controls,

> Improved building management controls,

> H-Vac optimisation,

> water saving measures, and

> on site generation through Photovoltaic installations projects which generated a total of 220,800Kwh (2020 figures) across six school sites.

Key lessons learned for sharing?

The key lesson in this case is the power of actively engaging in collaborative work with a focus on decarbonisation. In addition the ability to test projects build confidence across all parties and led effective replication of measures which were proven to deliver success.