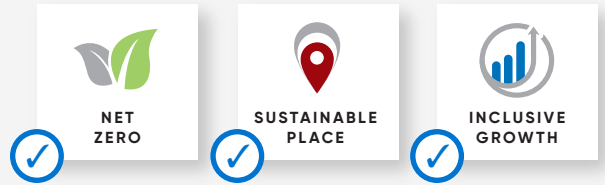




SFT CORPORATE PRIORITIES



SFT Outcomes Demonstrating progress with impact

PRIMARY OUTCOME

SECONDARY OUTCOMES



**INFRASTRUCTURE-RELATED
CARBON DIOXIDE EMISSIONS
ARE REDUCED**

Pathfinder shows benefits of the Net Zero Public Sector Buildings Standard




When planning a new building or refurbishing an existing property, during the design phase the building's energy performance is predicted. But often when the building becomes operational, the actual energy performance is considerably worse than was forecast at the design stage – this is known as the 'energy performance gap'.

To address this, SFT pulled together its infrastructure, construction and low carbon expertise and worked with others across the public sector to develop an approach that would tackle the issue.


The group presented Scottish Government with its Net Zero Public Sector Buildings Standard which it adopted and was published in March 2021 as the world's first net zero standard developed and owned by a national government. The Standard is now providing the public




SFT CORPORATE PRIORITIES




NET ZERO






SUSTAINABLE PLACE





INCLUSIVE GROWTH



SFT Outcomes

Demonstrating progress with impact

PRIMARY OUTCOME



sector with a framework to achieve exceptional energy and environmental performance in their new build and major refurbishment construction projects.

To help gauge application of the Standard across a live project, SFT's Net Zero and Learning Estate Infrastructure teams and their public sector partners identified the Dunfermline Learning Campus as a Pathfinder project.

The Dunfermline Learning Campus is a substantial collaborative project, with the aim of accommodating 2,700 high school students and 2,500 further education students.

This Pathfinder project provided focussed application of the Standard and related consultancy support to the School and College project teams through concept design stage for the Dunfermline Learning Campus.

The combined masterplan generated by Fife College and Fife Council provided a collaborative vision for a unique, high quality, low carbon and digitally enabled learning environment. This masterplan provided the starting point for the Pathfinder intervention with both the Council and College project teams.