SEND Longcause Phase 1

Project details

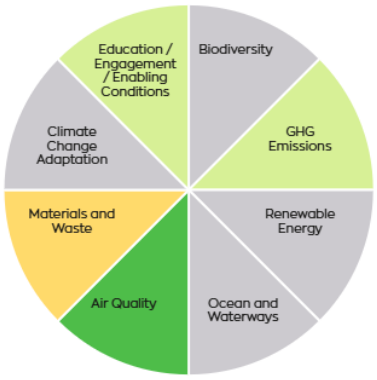
Assessment author

Jacqueline Keith

Project summary

Refurbishment works to current office spaces into one classroom to accommodate eight pupils. To replace all mechanical and electrical services within this area and upgrade install fire doors.

Summary of assessment



1 Long term or significant negative impact
2 Short term or minor negative impact
3 No impact or neutral impact
4 Short term or minor positive impact
5 Long term or significant positive impact

This is a small scale project. The assessment shows minor positive impacts in terms of green house gas emissions and education, engagement and enabling conditions with a significant positive impact on indoor air quality for the students, thanks to the MVHR system. There is a short term impact on materials and waste due to the removal of some materials. All other impacts are neutral.

Assessment scores

Biodiversity

Score

(3) No impact or neutral impact

Score justification

This has no impact on biodiversity as it is in the school building.

GHG Emissions

Score

(4) Short term or limited positive impact

Score justification

This will have minimal impact as it is a small scale project taking place over 6 weeks within the school. Energy efficiencies will be achieved from the new LED lighting and heating systems. A new mechanical ventilation and heat recovery system is highly efficient and manages heat demand and supply. Although this additional education provision will mean an additional 8 students and their teacher travelling to the school, this displaces a longer journey to alternative educational facilities, likely to be outside of Plymouth and therefore will likely lead to reduced car mileage.

Mitigatory measures applied:

All contractors are locally sourced from the PL area with minimal vehicle miles.
Minimal vehicle journeys for waste management as waste wili be stored on site in skips and removed when full.

Renewable Energy

Score

(3) No impact or neutral impact

Score justification

No renewable energy impact.

Ocean and Waterways

Score

(3) No impact or neutral impact

Score justification

This project will not have an impact on the oceans or waterways as it is refurbishment works within a school building.

Air Quality

Score

(5) Long lasting or extensive positive impact

Score justification

A new MVHR ventilation system is to be installed which will improve the air quality within the school.

Materials and Waste

Score

(2) Short term or limited negative impact

Score justification

This is a small project. Some partioning and materials will be removed and disposed of. Fire doors will be reused with the school. All waste will be removed professionally via skip loads.

Mitigatory measures applied:

All rubbish will be sorted into the relevant skips which will be managed by a professional company and are stored in a secure compound.

Climate Change Adaptation

Score

(3) No impact or neutral impact

Score justification

There is no impact in this area.

Education / Engagement / Enabling Conditions

Score

(4) Short term or limited positive impact

Score justification

This is a SEND facility so most of the children are transported to school via buses or taxis. This is a new classroom and therefore will increase staff provision. It will support 8 additional pupils who will need to travel to school. However - the alternative would be those 8 pupils having to travel to an educational facility outside of Plymouth, incurring a greater carbon footprint. The school has a travel plan which encourages the use of walking, cycling and local transport where they are able.