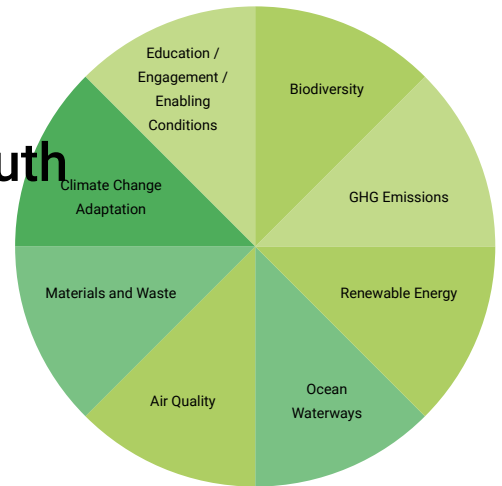


Additional funding and Extension of Morgan Sindall Contract, Old Town Street and New George Street Plymouth FINAL



Assessment ID: ADD601

Assessment Author: Catherine Arthurs

Assessment Project Summary:

Public Realm works in Old Town Street and New George Street

Assessment Final Summary:

This scheme, which will soon be completed, has an overall positive impact on Climate change. At this late stage in the project there is not scope for further interventions to improve climate impacts.

Biodiversity Score: 4

Biodiversity Score Justification: The project aims to deliver significant environmental improvements to the city centre including a net increase in trees and tree canopy cover, biodiversity net gain through the introduction of new species including those that support pollinating insects. The site has secured planning consent where landscaping and biodiversity was a key consideration

Biodiversity Score Mitigate: No

GHG Emissions Score: 4

GHG Emissions Score Justification: The project aims to deliver significant environmental improvements to the city centre including a net increase in trees and tree canopy cover,

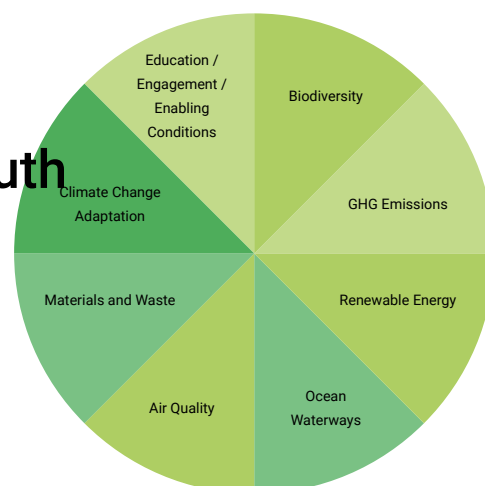
GHG Emissions Score Mitigate: No

Renewable Energy Score: 4

Renewable Energy Score Justification: This project does not include new renewable energy provision nor take away any existing renewable energy provision. It does however include the provision of Beryl Bikes, electric battery operated bikes which aim to reduce reliance on motor vehicles.

Renewable Energy Score Mitigate: No

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Ocean and Waterways Score: 5

Ocean and Waterways Score Justification: The New George Street Scheme includes 3 rain gardens to slow the progress of rain water in the sewerage system helping alleviate flood risk. The new drainage system is the first part of a larger upgrade to the city centre sewerage system which will address local flooding issues. The scheme will help to improve water quality because it will be less likely that untreated floodwater will be released into the sea.

Ocean and Waterways Score Mitigate: No

Air Quality Score: 4

Air Quality Score Justification: The project incorporates green infrastructure such as increased vegetation which improves local air quality. The project provides improved infrastructure for cycling and the electric bikes component encourages people further to use bikes in preference to cars.

Air Quality Score Mitigate: No

Materials and Waste Score: 5

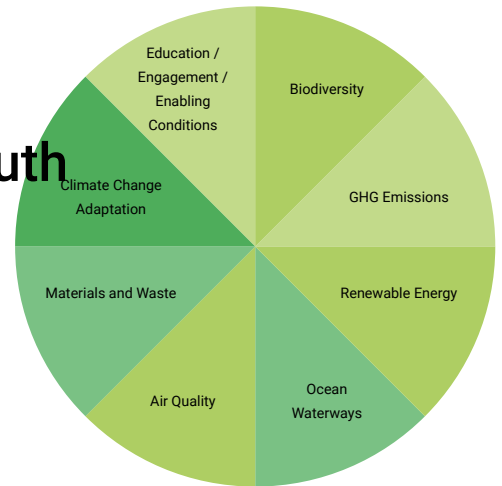
Materials and Waste Score Justification: Construction materials have been selected for long-term robustness and durability to reduce lifecycle carbon footprint. Embedded in the construction contract is a 10 Tonne Carbon Challenge to reduce the carbon impact of the scheme.

Materials and Waste Score Mitigate: No

Climate Change Adaptation Score: 5

Climate Change Adaptation Score Justification: An avenue of new street trees underplanted with drought tolerant plants resilient to climate change will be provided along with an innovative Sustainable Urban Drainage System, which uses water wisely, directing rainfall towards new rain gardens, irrigating new plants and trees, helping to protect this locality from flooding.

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Climate Change Adaptation Score Mitigate: No

Education / Engagement / Enabling Conditions Score: 4

Education / Engagement / Enabling Conditions Score Justification: The project provides a high quality, safe and pedestrian friendly environment for all with improved connections between the city's established destinations such as Plymouth's West End, Drake Circus, the Barcode, the Barbican and the Box. The project has been assessed under the 'Healthy Streets' initiative. The project will support the creation of positive spaces for residents from across the city, supporting the achievement of health and wellbeing outcomes and promoting social inclusion e.g. by providing increased cycling and walking opportunities.

Education / Engagement / Enabling Conditions Score Mitigate: No

Wheel Key

- Long lasting or severe negative impact
- Short term or limited negative impact
- No impact or neutral impact
- Short term or limited positive impact
- Long lasting or extensive positive impact