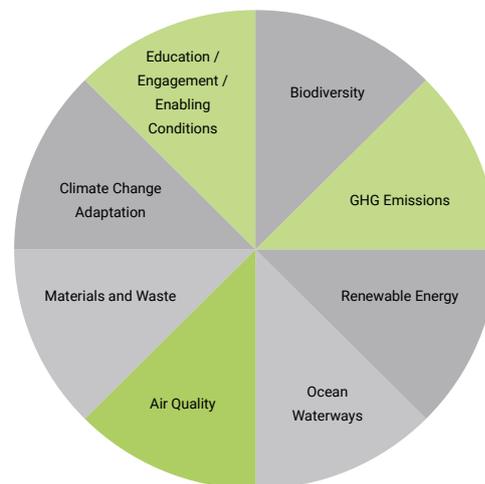


# Plymouth Bus Service Improvement Plan FINAL



**Assessment ID:** PLY335

**Assessment Author:** Rosemary Starr

## Assessment Initial Summary:

This report is an assessment of the anticipated impact of the preparation of the 2024 Plymouth Bus Service Improvement Plan, specifically the 2024/25 delivery plan, which will form part of the Plymouth BSIP, given that the proposed measures within the BSIP for the period beyond 2024/25 are unfunded and hence aspirational at the time of completing this assessment.

## Assessment Final Summary:

The preparation of the 2024 Plymouth Bus Service Improvement Plan has been assessed as having a positive climate impact; the benefits are expected to be achieved in the education and engagement, GHG emissions and air quality sectors due to the anticipated change in travel behaviour enabled by an improvement in Plymouth's bus services.

## Biodiversity Score: 3

**Biodiversity Score Justification:** The Plymouth BSIP looks to create a thriving bus network where everyone can be connected to important people and places, by services that are frequent, reliable, fast, affordable, safe and clean, which will also help Plymouth to achieve its net zero goals by 2030. The bus service improvements in the 24/25 delivery plan will be delivered on existing highways and hence no change in biodiversity is expected.

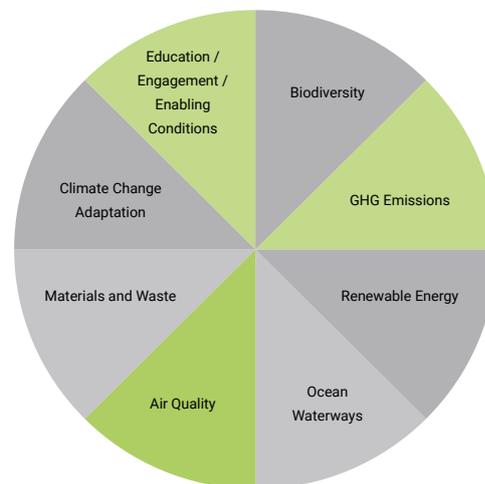
**Biodiversity Score Mitigate:** No

## GHG Emissions Score: 4

**GHG Emissions Score Justification:** Our vision is to create a thriving bus network where everyone can be connected to important people and places, by services that are frequent, reliable, fast, affordable, safe and clean, which will also help Plymouth to achieve its net zero goals by 2030. The 24/25 BSIP delivery plan includes bus service enhancements which it is hoped will lead to increased bus patronage and an associated reduction in car use, making buses more efficient (with respect to bus emissions per passenger) and reducing greenhouse car emissions from private cars.

**GHG Emissions Score Mitigate:** No

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**Renewable Energy Score: 3**

**Renewable Energy Score Justification:** The Plymouth BSIP will neither increase or decrease the provision of renewable energy in Plymouth, nor will it involve developing either policy or infrastructure that will facilitate an increase in renewable energy provision.

**Renewable Energy Score Mitigate: No**

**Ocean and Waterways Score: 3**

**Ocean and Waterways Score Justification:** The Plymouth BSIP - and specifically the 2024/25 delivery plan - which is the focus of this assessment will be delivered on existing highways and hence is not expected to have any impact on either the Ocean or Plymouth's waterways.

**Ocean and Waterways Score Mitigate: No**

**Air Quality Score: 4**

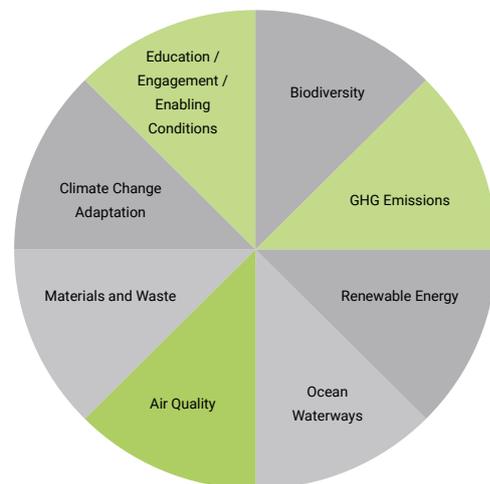
**Air Quality Score Justification:** Our vision is to create a thriving bus network where everyone can be connected to important people and places, by services that are frequent, reliable, fast, affordable, safe and clean, which will also help Plymouth to achieve its net zero goals by 2030. The 24/25 BSIP delivery plan includes bus service enhancements which it is hoped will lead to increased bus patronage and an associated reduction in car use, making buses more efficient (with respect to bus emissions per passenger) and reducing greenhouse car emissions from private cars, thereby improving air quality.

**Air Quality Score Mitigate: No**

**Materials and Waste Score: 3**

**Materials and Waste Score Justification:** The 2024 Plymouth BSIP - specifically the 24/25 delivery plan will include bus stop improvements. Existing infrastructure will be upgraded, where possible, to minimise the environmental impact.

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**Materials and Waste Score Mitigate:** No

**Climate Change Adaptation Score:** 3

**Climate Change Adaptation Score Justification:** The Plymouth BSIP is not expected to impact on climate change adaptation.

**Climate Change Adaptation Score Mitigate:** No

**Education / Engagement / Enabling Conditions Score:** 4

**Education / Engagement / Enabling Conditions Score Justification:** The Plymouth BSIP should help to engage residents with public transport and in doing so support conversations / education around the need for a change in travel behaviour, and a greater use of sustainable transport, in response to the climate emergency.

**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