

Real Time Passenger Information System Upgrade and Ongoing Support

Project details

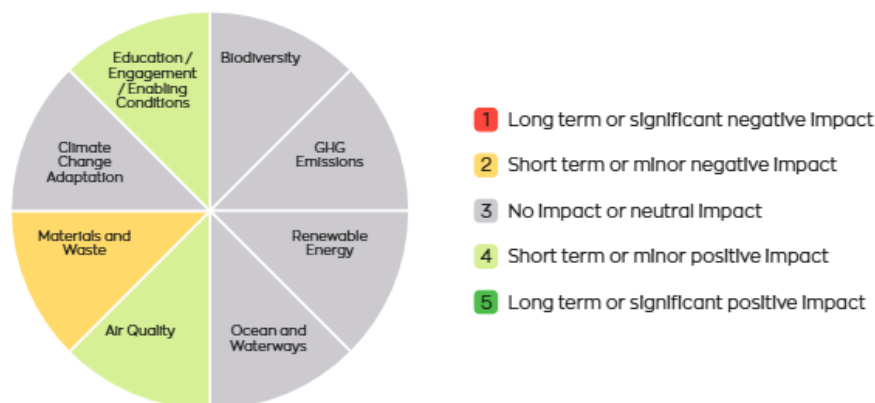
Assessment author

Laurence Mayhew

Project summary

Procurement for a new Real Time Passenger Information system to be installed across 122 sites within Plymouth

Summary of assessment



Overall the delivery of the upgraded Real Time Passenger Information system has been assessed to have a slightly positive climate impact over the life of the project.

Whilst there will be some slight negative impact in the decommissioning of the previous system, and manufacture of installation of the new system, the tender has made considerable reference to the mitigation of the climate impact associated with this.

Additionally, in the long term, the utilisation of the system should bring about an increase in the change of travel habits to active modes of travel, which should comfortably offset any externalities associated with its manufacture and ongoing support

Assessment scores

Biodiversity

Score

(3) No impact or neutral impact

Score justification

No impacts to biodiversity in terms of conservation or disruption to habitat during the installation nor operation of the RTPI system

GHG Emissions

Score

(3) No impact or neutral impact

Score justification

There will be a minor impact to GHG during the production and installation of the RTPI system. This will be through manufacture, delivery and on site maintenance.

The upgrade to the system should encourage the use of public transport during the life of the contract which should bring down overall GHG contribution through more people using buses rather than travelling by car

Renewable Energy

Score

(3) No impact or neutral impact

Score justification

No change to use of energy from previous system other than a small reduction in overall electricity consumption through more efficient hardware

Ocean and Waterways

Score

(3) No impact or neutral impact

Score justification

No impact on oceans or waterways as a result of the installation nor operation of the RTPI system

Air Quality

Score

(4) Short term or limited positive impact

Score justification

The upgrade of the RTPI system should encourage furthering and wider use of the bus network within Plymouth. The system includes a number of accessibility features and capabilities, reducing the barriers to people using public transport. The provision of good quality information should increase confidence and ease of travel, encouraging use in the longer term.

Materials and Waste

Score

(2) Short term or limited negative impact

Score justification

As part of the upgrade of the RTPi system, the old hardware will need to be disposed of. There has been specific reference made within the tender requirements to dispose of these responsibly, recovering components where possible, and recycling as much of the units as is possible. There is also scope to re-use some of the existing units as part of the new contract, so that not all will need to be replaced.

Climate Change Adaptation

Score

(3) No impact or neutral impact

Score justification

This project will have no impact to climate change adaption compared to the current position

Education / Engagement / Enabling Conditions

Score

(4) Short term or limited positive impact

Score justification

This project will increase accessibility to the public transport network, lessening the number of car journeys, and enabling more active travel to take place