

LEVI project

Project details

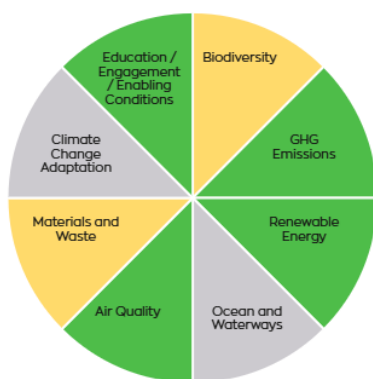
Assessment author

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Project summary

Installation of EV Charge points throughout the city, primarily to benefit residents without access to off-street parking.

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

Assessment scores

Biodiversity

Score

(2) Short term or limited negative impact

Score justification

As EV infrastructure is installed it will predominately be in areas where there is already hard landscaping, such as existing parking bays. However, in limited circumstances it may be necessary to remove small amounts of vegetation in order to install the EV chargers.

GHG Emissions

Score

(5) Long lasting or extensive positive impact

Score justification

The rollout of EV infrastructure is to support the transition from ICE vehicles to EVs. This will result in cleaner energy being used over the long term as petrol and diesel is replaced with electricity as the fuel for cars.

Renewable Energy

Score

(5) Long lasting or extensive positive impact

Score justification

The EV chargers will predominately or exclusively take electricity from the grid, so the benefits are partially dependent on the decarbonisation of the grid. However, as grid electricity is already more renewable than petrol and diesel there will be an immediate benefit and even greater long term benefits.

Ocean and Waterways

Score

(3) No impact or neutral impact

Score justification

The project will have no or minimal impact on water.

Air Quality

Score

(5) Long lasting or extensive positive impact

Score justification

As the project supports the transition from ICE vehicles to EVs, the air quality will be improved.

Materials and Waste

Score

(2) Short term or limited negative impact

Score justification

As with any construction project there will inevitably be some waste, both during the installation of the EV charge points as roads are dug up, and when the EV charge points reach their end of life. Requirements for end of life treatment have been documented in the procurement process and will form part of the tender review.

Climate Change Adaptation

Score

(3) No impact or neutral impact

Score justification

Site assessments for the installation of EV charge points will take into account flood risk. No EV charge points will be installed where there is a significant risk of water build up.

Education / Engagement / Enabling Conditions

Score

(5) Long lasting or extensive positive impact

Score justification

This project will include a public consultation and engagement phase. During this time information will be provided to residents to educate them on the transition to EVs. It will aim to address any concerns they have with EVs, providing re-assurance and guidance.