

Plymouth Economic Strategy 2024 -2034: Part 2 Delivery Plan

Project details

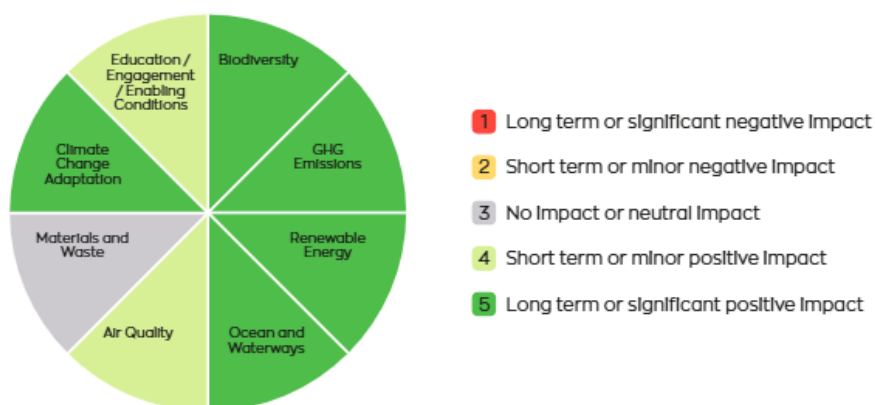
Assessment author

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Project summary

The Delivery Plan for the Plymouth Economic Strategy sets out the 55 projects that will be developed / delivered over the next 3 years

Summary of assessment



The Delivery Plan is an early stage list of projects to be delivered under the Plymouth Economic Strategy. As capital projects come forward for delivery, each and every one will undertake an individual Climate Impact Assessment as part of the approval process.

The assessments contained within this summary are focused on the overall impact of the Delivery Plan as a whole, reflecting on the positive impact made by the 16 Sustainable Growth projects.

Assessment scores

Biodiversity

Score

(5) Long lasting or extensive positive impact

Score justification

Of the 55 projects in the Delivery Plan, 16 support the Sustainable Growth pillar, which focuses on net zero and environmental enhancement.

The primary impact on biodiversity will be delivered through the support for the Plymouth Sound National Marine Park project. However, many of the infrastructure projects within the plan will include measures to improve existing habitats and increase the diversity of species through land and estate improvements.

Mitigatory measures applied:

Any short term impact of building work, will be offset by the long term benefits to the environment, including habitat protection / restoration and measures to increase species diversity / return

GHG Emissions

Score

(5) Long lasting or extensive positive impact

Score justification

Of the 55 projects in the Delivery Plan, 16 support the Sustainable Growth pillar, which focuses on net zero and environmental enhancement.

There are a number of infrastructure projects that are based upon net zero, including port operations (installation of net zero shore power and FLOW), the installation of heat networks in the city centre and north of the city, the 'greening' of the Council's estate and introduction of physical adaptations to build climate resilience. The range of innovation projects, including at the Freeport and technology driven projects will also implement net zero and reduce GHG.

Mitigatory measures applied:

Any short term impact of building work, will be offset by the long term benefits of net zero measures within projects.

Renewable Energy

Score

(5) Long lasting or extensive positive impact

Score justification

Of the 55 projects in the Delivery Plan, 16 support the Sustainable Growth pillar, which focuses on net zero and environmental enhancement.

Within the plan, we are focusing on support for Floating Offshore Wind (FLOW) and the installation of ground source heat networks in the city centre and north of the city. As a result, we will be increasing both the provision and delivery of renewable energy within Plymouth

Mitigatory measures applied:

There is no option to say N/A as the two projects listed are renewable energy projects

Ocean and Waterways

Score

(5) Long lasting or extensive positive impact

Score justification

Of the 55 projects in the Delivery Plan, 16 support the Sustainable Growth pillar, which focuses on net zero and environmental enhancement.

The Delivery Plan supports the work of the Plymouth Sound National Marine Park, the installation of net zero within port operations and a commitment to sustainable fishing. The overall impact will improve marine/aquatic habitats while reducing the pollutants in the water.

Mitigatory measures applied:

As the projects listed above will increase the quality of the water in our oceans and waterways, there are no additional mitigations, other than to ensure that infrastructure projects adjacent to these areas does not cause any harm.

Air Quality

Score

(4) Short term or limited positive impact

Score justification

Of the 55 projects in the Delivery Plan, 16 support the Sustainable Growth pillar, which focuses on net zero and environmental enhancement.

While the infrastructure projects in the Delivery Plan are designed to have a positive net zero / environmental impact, the ability to measure an improvement in air quality is indirect. The embedding of 'green' measures within public realm improvements, the Council's estate and the adaptation to meet climate resilience will have a longer term impact.

Mitigatory measures applied:

Any short term impact of building work, will be offset by the long term benefits to the environment

Materials and Waste

Score

(3) No impact or neutral impact

Score justification

Of the 55 projects in the Delivery Plan, 16 support the Sustainable Growth pillar, which focuses on net zero and environmental enhancement.

There are no specific waste management projects within the Delivery Plan, though we will be using low carbon materials and committing to new low carbon modes of construction.

Mitigatory measures applied:

We will ensure that infrastructure / building works incorporate relevant and appropriate waste management procedures

Climate Change Adaptation

Score

(5) Long lasting or extensive positive impact

Score justification

Of the 55 projects in the Delivery Plan, 16 support the Sustainable Growth pillar, which focuses on net zero and environmental enhancement.

Many of the projects within the Delivery Plan have a net zero approach to tackle climate change. There are two specific projects within the plan that focus on adaptation to climate change - accelerating efforts to deliver a green estate and enabling climate adaptation in Plymouth. This includes new build / retrofit and plan development, specifically to address projected sea level rise

Mitigatory measures applied:

The adapting to climate change projects, will have a positive impact on the delivery of the other infrastructure projects within the plan

Education / Engagement / Enabling Conditions

Score

(4) Short term or limited positive impact

Score justification

Of the 55 projects in the Delivery Plan, 16 support the Sustainable Growth pillar, which focuses on net zero and environmental enhancement.

There is a specific commitment to education through Plymouth Sound National Marine Park and the infrastructure improvements will increase local people and businesses engagement with climate friendly initiatives. However, this is primarily an economic plan, so it's positive impact on behaviour is more limited.

Mitigatory measures applied:

Any short term impact of building work, will be offset by the long term benefits of net zero measures within projects.