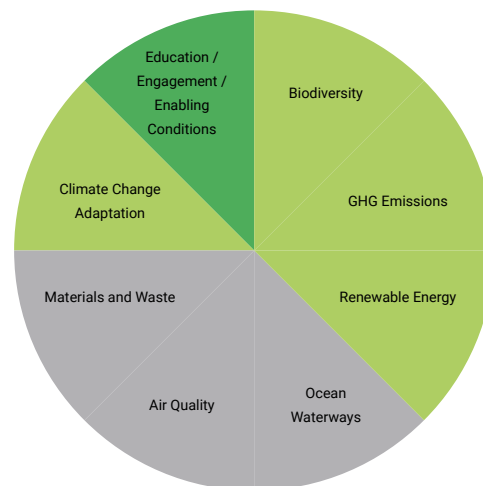


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Assessment ID: TIN951

Assessment Author: Patrick Bowes

Project Summary:

- the creation of a multi-purpose youth, community and events space on the derelict first floor of the main Lido building
- a revamp of the single-storey building between the lido and Tinside Cove to provide a base where youth workers, rangers and volunteers can introduce young people to opportunities created by the National Marine Park
- a renovation of the terrace on top of the main building to include a new public seating area, with a coffee pod and multi-purpose event space overlooking the sound
- the repair and renovation of the building fabric and replacement of end of life mechanical and electrical plant services

Summary of Assessment:

The project is the refurbishment and restoration of an art deco building. The repurposing of this building is a much more sustainable solution than the project building something new. The changes are being delivered to enable a new gateway to the PSNMP that will support programmes that will get more and more diverse groups of people to engage with the PSNMP, removing barriers and developing a new relationship with the sea. The marine citizenship programme of activity that runs alongside the built asset changes aims to deliver benefits to communities but also foster positive environmental behaviours.

Biodiversity Score: 3

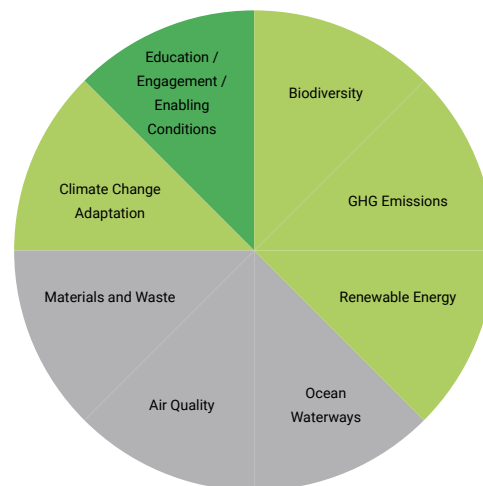
Biodiversity Score Justification: This is substantially a building refurbishment project and there is no existing soft landscaping or natural habitats within the curtilage of the site. However a modest planting scheme is proposed on the roof terrace with species that will tolerate the microclimate and put on a good colourful show for the public as well as improve biodiversity.

Biodiversity Score Mitigate: Yes

Biodiversity Revised Score: 4

Biodiversity Revised Score Justification: A Planning pre-commencement condition required a

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Landscape and Environmental Management Plan (LEMP) in the interests of the retention, protection and enhancement of wildlife and features of biological interest and to ensure that satisfactory landscaping works are carried out and maintained.

GHG Emissions Score: 4

GHG Emissions Score Justification: This project aims to deliver significant services improvements to this iconic building. Building fabric enhancements are proposed as part of the works to reduce energy consumption and improve the building's energy-efficient ratings. Currently, proposals involve improving roof insulation, and providing secondary glazing. This improves the Part L energy rating from Grade D to Grade B.

GHG Emissions Score Mitigate: No

Renewable Energy Score: 4

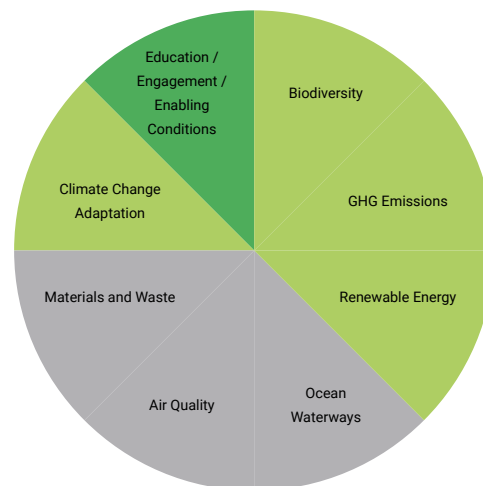
Renewable Energy Score Justification: The refurbishment of the buildings will include a sustainable approach to the building services. The first floor of the Tinside Lido Art Decobuilding (Building A) will be provided with low energy fixtures and fittings to reduce energy demand. Heating for this area will be generated using air source heat pumps coupled to internal fan coil units. Hot water will be provided by local electric systems. The installation of new ASHP units will be used to offset the existing implications of the gas fired system, which is to remain. No natural gas to be used within the scope of works. Energy efficiency is achieved through Heat recovery ventilation, air source heat pumps, LED lighting, smart controls and low energy devices.

Renewable Energy Score Mitigate: No

Ocean and Waterways Score: 2

Ocean and Waterways Score Justification: Potential water quality impact through construction and operation. Construction based solely on land/building and won't impact on habitats. No additional hardstanding is proposed that would affect the sewage system. More a case of replacement / upgrading of toilet accommodation. There will be additional public access to

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facility.

Ocean and Waterways Score Mitigate: Yes

Ocean and Waterways Revised Score: 3

Ocean and Waterways Revised Score Justification: A Planning pre-commencement condition requires a Habitat Regulation Assessment (HRA) strategic mitigation plan to secure the delivery of appropriate measures required to address likely impacts on the Plymouth Sound & Tamar Estuaries Marine protected Area that have been identified in the HRA. Additionally a drainage plan is required to ensure that flood water can safely and swiftly discharge from the site to reduce the impacts of flooding and allow swift restoration following an event.

Air Quality Score: 2

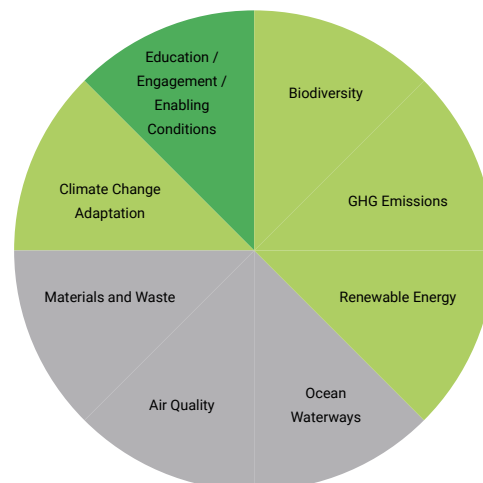
Air Quality Score Justification: Due to the nature of this project there will be a varying number of construction vehicles daily, below is an indicative list showing number of vehicles that could be present daily/weekly, including but not limited to, • Hiab/Mobile cranes 1 • Delivery Vehicles 7 • On a daily basis there will be approximately 08/12 construction vehicles visiting the site daily to offload tools and equipment. Site working conditions can give rise to poor air quality at various parts of the construction programme.

Air Quality Score Mitigate: Yes

Air Quality Revised Score: 3

Air Quality Revised Score Justification: A planning pre - commencement condition required a 'Construction Traffic Management Plan' (CTMP) which inter alia seeks to plan routes to reduce the need for excessive vehicle movement. Vehicles will be pulled in off the road to minimise disruption and assisted with offloading. The CTMP encourages the use of public transportation as a primary commuting method. It also promotes cycling offering secure bike storage and changing facilities on-site as well as walking as a healthy and zero-emission option for those living nearby. Recognising that some may need to travel by car, car sharing is encouraged to reduce the number of vehicles on the road. In addition the Contractor's Construction Groundworks RAMS provides mitigation for working in challenging conditions which may give rise to poor air quality

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Materials and Waste Score: 2

Materials and Waste Score Justification: Construction materials have been carefully selected for long term robustness and durability to reduce life cycle carbon footprint whilst having regard to the need to follow best practice in the conservation repair of the historic fabric using tried and tested techniques.

Materials and Waste Score Mitigate: Yes

Materials and Waste Revised Score: 3

Materials and Waste Revised Score Justification: The Waste Management Plan provides the method statements for disposal of waste

Climate Change Adaptation Score: 3

Climate Change Adaptation Score Justification: Flood risk at Tinside is pre-existing and bringing floorspace back into use through this project at ground level has a potential negative impact. The project may change the vulnerability of the facility in respect of its operations in the off season due to changing of use.

Climate Change Adaptation Score Mitigate: Yes

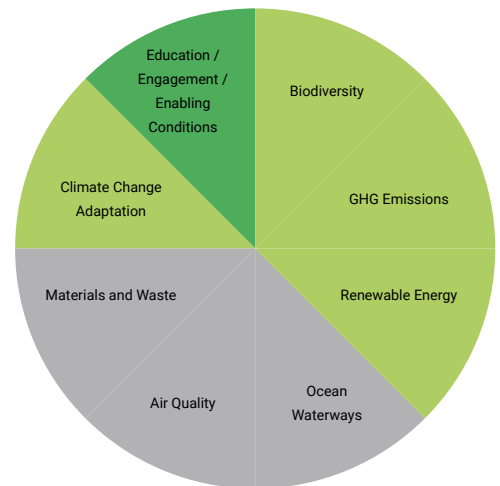
Climate Change Adaptation Revised Score: 4

Climate Change Adaptation Revised Score Justification: A Planning pre-commencement condition requires flood resilience and resistance to reduce the risk of flooding to the proposed development and its future users and to ensure that such measures like the introduction of flood gates reduce the consequences of flooding. The project is proactively planning for increased storminess and associated flood risk. It is a waterside use and therefore flood resilience is being built into the proposals.

Education / Engagement / Enabling Conditions Score: 4

Education / Engagement / Enabling Conditions Score Justification: The championing of this high profile project will educate both the operators and users of the facility in a way that both seeks to

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engage with the Plymouth Sound National Marine Park as a key Gateway and also reach out to diverse communities bringing them closer to the sea. The project has identified water confidence and feeling welcome as a key barrier to accessing the heritage of the PSNMP. This project will help enable work to remove these barriers and make the change sustainable in the long term. Young people have been involved in the design process to ensure they feel welcome in the spaces around the pool.

Education / Engagement / Enabling Conditions Score Mitigate: Yes

Education / Engagement / Enabling Conditions Revised Score: 5

Education / Engagement / Enabling Conditions Revised Score Justification: The wider project proposes an activity programme that will work with the restored and repurposed areas in the building to help enable a change in the relationship between people and the PSNMP. This will be a sustainable change that will benefit communities and nature.

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