

Project / Proposal Name or Reference:	Date:	Your Name:
Roman Britain Reimagined in Reading Project- Delivery Phase	27-Jan-26	Christelle Beaupoux

1. IMPACT ON CARBON EMISSIONS

HOW WILL THIS PROJECT/PROPOSAL AFFECT:	CONSIDERATIONS <i>See guidance below on determining whether negative or positive impacts are High, Medium or Low</i>	IMPACT? <i>Use drop down list</i>	GUIDANCE IF NEGATIVE/NIL RATING HAS BEEN AWARDED	SUMMARISE HOW YOU PLAN TO MANAGE AND REDUCE ANY NEGATIVE IMPACTS
1 ENERGY USE	<ul style="list-style-type: none"> * More energy will be consumed or emissions generated (by RBC or others) = Negative Impact * No extra energy use is involved or any additional energy use will be met from renewable sources = Nil Impact * Energy use will be reduced or renewable energy sources will replace existing fossil fuel energy = Positive Impact 	Nil	Consider: - Energy efficiency measures - Renewable energy - Reducing demand for energy	The redevelopment will include replacing old lighting with modern, low-carbon LED solutions throughout the Roman gallery.
2 WASTE GENERATION	<ul style="list-style-type: none"> * More waste will be generated (by RBC or others) = Negative Impact * No waste will be generated = Nil Impact * Less waste will be generated OR amount of waste that is reused/ recycled will be increased = Positive Impact 	Low Positive	Consider: - Re-usable/recycled goods - Recycling facilities - Reducing/reusing resources	During the Roman gallery redevelopment, the project will prioritise waste minimisation by reusing existing display cases and structural elements wherever possible, reducing material use and avoiding unnecessary disposal. Robust waste management procedures will include clear segregation of waste, maximised recycling, and responsible disposal of unavoidable waste. These measures complement wider sustainability goals, ensuring updated displays and low impact improvements within the existing gallery footprint.
3 USE OF TRANSPORT	<ul style="list-style-type: none"> * RBC or others will need to travel more OR transport goods/people more often/further = Negative Impact * No extra transport will be necessary = Nil Impact * The need to travel, the use of transport and/or of fossil fuel-based transport will be reduced = Positive Impact 	Low Positive	Consider: - Use of public transport - Reducing need to travel or transport goods - Alternative fuels/electric vehicles/walking and cycling	The project involves the redevelopment of an existing gallery within the Museum and Town Hall complex. No new spaces will be constructed. The Museum/Town Hall is centrally located and easily accessible on foot and is well served by public transport, supporting sustainable travel and minimising transport-related environmental impacts.

2. IMPACT ON RESILIENCE TO THE EFFECTS OF CLIMATE CHANGE

HOW WILL THIS PROJECT/PROPOSAL AFFECT THE ABILITY OF READING TO WITHSTAND:	CONSIDERATIONS <i>See guidance below on determining whether negative or positive impacts are High, Medium or Low</i>	IMPACT? <i>Use drop down list</i>	GUIDANCE IF NEGATIVE/NIL RATING HAS BEEN AWARDED	SUMMARISE HOW YOU PLAN TO MANAGE AND REDUCE ANY NEGATIVE IMPACTS
4 HEATWAVES	<ul style="list-style-type: none"> * Increased exposure of vulnerable people and/or infrastructure to heat stress = Negative Impact * No increase in exposure to heat stress = Nil Impact * Reduced exposure of vulnerable people and/or infrastructure to heat stress = Positive Impact 	Nil	Greater need for cooling, ventilation, shading and hydration methods	The installation of new conservation grade environmental display cases and contemporary display materials, will significantly reduce the need for additional cooling systems and lower overall energy demand. These upgrades provide stable microclimates within cases, ensuring efficient environmental control while supporting long term sustainability and improved collections care.
5 DROUGHT	<ul style="list-style-type: none"> * Water use will increase and/or no provision made for water management = Negative Impact * Levels of water use will not be changed = Nil Impact * Provision made for water management, water resources will be protected = Positive Impact 	Nil	Greater need for water management and perhaps reserve supplies	The project has minimal drought impact due to its refurbishment-based approach, which avoids water-intensive construction and prioritises reuse of existing infrastructure. Modern conservation-grade display cases and digital monitoring reduce reliance on HVAC processes that indirectly use water.
6 FLOODING	<ul style="list-style-type: none"> * Levels of surface water run-off will increase, no management of flood risk = Negative Impact * Levels of surface water run-off & flood risk are not affected = Nil Impact * Sustainable drainage measures incorporated, positive steps to reduce & manage flood risk = Positive Impact 	Nil	Consider flood defence mechanisms or alternative arrangements (business continuity)	This project involves internal redevelopment only and will not affect the building's roof, structure, or external openings. However, a separate parallel project is addressing essential repairs to the Museum/Town Hall roof. Once completed, these works will significantly strengthen the building's resilience to water ingress and improve its overall protection against flooding.
7 HIGH WINDS / STORMS	<ul style="list-style-type: none"> * Exposure to higher wind speeds is increased or is not managed = Negative Impact * No change to existing level of exposure to higher wind speeds = Nil Impact * Exposure to higher wind speeds is being actively managed & reduced = Positive Impact 	Nil	Greater need for stabilisation measures, robust structures resilient to high winds	Although not part of this gallery redevelopment, the internal redevelopment will not affect the Museum/Town Hall's external structure. However, a parallel project is reinforcing key structural elements and the roof of the whole building. Although separate from the gallery refurbishment, this work will significantly improve the building's long-term structural performance and its ability to withstand increasingly severe weather conditions.
8 DISRUPTION TO SUPPLY CHAINS	<ul style="list-style-type: none"> * Exposure to supply chain disruption for key goods and services is increased = Negative Impact * No change in exposure to supply chain disruption for key goods and services = Nil Impact * Exposure to supply chain disruption for key goods and services is reduced = Positive Impact 	Low Negative	Source key goods and services locally as it reduces exposure to supply chain disruption and boosts the local economy	The project team will seek to appoint local contractors and procure materials from local suppliers wherever feasible, supporting reduced transport-related carbon emissions and contributing to the local economy. However, due to the specialist skills required for museum-grade conservation work and the need for specific products not always available locally, some procurement may need to be sourced from outside the region. This requirement is further influenced by ongoing supply-chain disruptions affecting the UK and

Weighing up the negative and positive impacts of your project, what is the overall rating you are assigning to your project?:

Net Low Positive

This overall rating is what you need to include in your report/ budget proposal, together with your explanation given below.

Guidance on Assessing the Degree of Negative and Positive Impacts:

Note: Not all of the considerations/ criteria listed below will necessarily be relevant to your project

Low Impact (L)	<ul style="list-style-type: none"> * No publicity * Relevant risks to the Council or community are Low or none * No impact on service or corporate performance
Medium Impact (M)	<ul style="list-style-type: none"> * No impact on capital assets; or relates to minor capital assets (minor works) * Local publicity (good or bad) * Relevant risks to the Council or community are Medium * Affects delivery of corporate commitments * Affects service performance (e.g.: energy use; waste generation, transport use) by more than c.10%
High Impact (H)	<ul style="list-style-type: none"> * Relates to medium-sized capital assets (individual buildings or small projects) * National publicity (good or bad) * Relevant risks to the Council or community are Significant or High * Affects delivery of regulatory commitments * Affects corporate performance (e.g.: energy; waste; transport use) by more than c.10% * Relates to major capital assets (larger buildings and infrastructure projects)

In the box below please summarise any relevant policy context, explain how the overall rating has been derived, highlight significant impacts (positive and negative) and explain actions being taken to mitigate negatives and increase positives. This text can be replicated in the 'Environment and Climate Impacts' section of your Committee Report, though

The Roman Britain-Reimagined in Reading project, funded by the National Lottery Heritage Fund and aligned with Reading Borough Council's cultural and environmental priorities, delivers a low-impact redevelopment within the existing Silchester Gallery. By avoiding new construction, reusing infrastructure, and upgrading displays and accessibility, it supports the sustainability goals of the Reading Borough Local Plan (2019-2036). New conservation-grade cases stabilise microclimates, reducing reliance on whole-gallery HVAC systems, while a cloud-based monitoring system ensures efficient control of environmental conditions. With no transport-intensive works required, the project minimises waste and carbon impact while ensuring the long term preservation and accessibility of the Silchester collections.