

Environment and Sustainability Assessment

Birmingham City Council is required to assess any positive or negative impacts that any policy/strategy/decision/development proposal is likely to have on the environment. To complete the assessment, you should consider whether that policy/development/proposal will have a positive or a negative impact on each of the key themes by selecting whether the impact of the proposal is positive, negative or has no specific impact on the themes. Please only tick one of these, by deciding what the overall impact is. The assessment must be completed for all Cabinet reports. It is the responsibility of the Service Director signing off the report to ensure that the assessment is complete. The table below is for guidance only and should not be submitted as part of the report.

Theme	Example
Natural Resources - Impact on natural resources including water, soil, air.	<p>Does the decision increase water use?</p> <p>Does the decision have an impact on air quality?</p> <p>Does the decision discourage the use of the most polluting vehicles (private and public) and promote sustainable modes of transport or working from home to reduce air pollution?</p> <p>Does the decision impact on soil?</p> <p>For example, development will typically use water for carrying out various operations and, once complete, water will be needed to service the development. Providing water to development and treating wastewater requires energy and contributes to climate change. Some of the activities including construction or disposal of waste may lead to soil pollution. The decisions may lead to more journeys thereby deteriorating air quality and thus contribution to climate change and greenhouse gases.</p>
Energy use and CO ₂ emissions.	<p>Will the decision have an impact on energy use?</p> <p>Will the decision impact on carbon emissions?</p> <p>Most day-to-day activities use energy. The main environmental impact of producing and using energy such as electricity, gas, and fuel (unless it is from a renewable source) is the emission of carbon dioxide.</p>
Impact on local green and open spaces and biodiversity	<p>The proposal may lead to localised impacts on the local green and open spaces which may have an impact on local biodiversity, trees and other vegetation in the area.</p> <p>Will the proposal lead to loss (or creation) of green and blue infrastructure?</p>

	For example, selling an open space may reduce access to open space within an area and lead to a loss of biodiversity. However, creating a new open space would have positive effects.
Use of environmentally sustainable products, equipment and packaging'	Will the decision present opportunities to incorporate the use of environmentally sustainable products (such as compostable bags, paper straws etc.), recycled materials (i.e. Forest Stewardship Council (FSC) Timber/wood), non-polluting vehicles, avoid the use of single use plastics and packaging.
Minimising waste	Will the decision minimise waste creation and the maximise recycling during the construction and operation of the development/programme/project? Will the decision provide opportunities to improve recycling? For example, if the proposal involves the demolition of a building or a structure, could some of the construction materials be reused in the new development or recycled back into the construction industry for use on another project?
Council plan priority: a city that takes a leading role in tackling climate change and deliver Route to Zero.	How does the proposal or decision contribute to tackling and showing leadership in tackling climate change and deliver Route to Zero aspirations?

Project Title: Cofton Primary School – Flat roof, damp and structural works.				
Department: Children & Families	Team: Education Infrastructure		Person Responsible for assessment: Glenn Jones	
Date of assessment: 16/08/2023		Is it a new or existing proposal? Existing		
Brief description of the proposal: Strip off and recover flat roofs, pitched roofing works, window replacements, drainage improvements, classroom and hall floor replacements, asbestos removal works, works to boiler room, replacement of school yard external doors, electrical and mechanical works.				
Potential impacts of the policy/development decision/procedure/ on:	Positive Impact	Negative Impact	No Specific Impact	What will the impact be? If the impact is negative, how can it be mitigated, what action will be taken?
Natural Resources- Impact on natural resources including water, soil, air	✓			The use of improved thermal insulation to new windows and doors will reduce energy consumption and CO2 emissions, this will help improve the air quality and reduce pollution.
Energy use and CO ₂ emissions	✓			Flat roofs will receive new insulation, which will improve the thermal efficiency of the building and help reduce energy consumption. The new windows to be installed will also have e-therm glazing which will also conserve heat and reduce heating costs and reduce energy needs.
Impact on local green and open spaces and biodiversity			✓	
Use of sustainable products and equipment	✓			Window frames will be made from aluminium and can be recycled at the end of there life, so to can the glass.
Minimising waste	✓			Materials to be used will be accurately estimated to avoid over ordering and avoid wastage. Any waste will be segregated into separate skips to ensure any recycled materials are separated and minimise waste to landfill.
Council plan priority: a city that takes a leading role in tackling climate change	✓			Within Acivico sustainability is considered at every stage of the design process, during construction and minimising energy consumption during the life of the building, this will

				assist the council achieve its ambition of net zero.
Overall conclusion on the environmental and sustainability impacts of the proposal	The project is major repair and maintenance work to an existing school and while it is acknowledged that there is less scope to include sustainability measures within the project compared to a new build, it is still important to recognise during every step of the process sustainability and reducing environmental impacts including methods of reducing energy consumption, reducing waste and ensuring sustainable materials are used where they can be, a positive impact to the council can still be realised.			

If you require assistance in completing this assessment, then please contact: ESAGuidance@birmingham.gov.uk