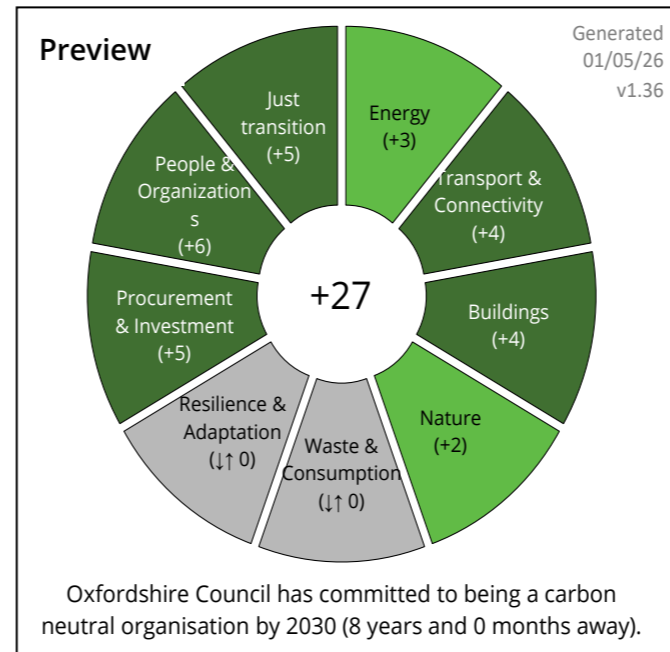


Climate Impact Assessment

Summary

Directorate and Service Area	Environment & Highways - Infrastructure Delivery
What is being assessed	Culham - Pedestrian and Cycle Crossing at Tollgate / Abingdon Rd Signal Junction
Is this a new or existing function or policy?	S106 Accelerated Delivery Programme
Summary of assessment	Improvements to crossing facilities at the A415 junction with Tollgate Road, Culham to aid routes to school and major employment sites. Minimal climate impact has been assessed.
Completed by	Andy Warren - Senior Project Manager - Central Delivery
Climate action sign off by	
Director sign off by	
Assessment date	



Detail of proposal

Context / Background	Scheme being delivered through secured S106 contributions. To improve safety of pedestrians and cyclists and aid crossing movements of the A415, particularly school children and parents, on route to adjacent Europa School and Culham Science Centre.
Proposal	Proposals include a new 'Sparrow' type crossing at the existing signal junction, widening of an existing footway/cycleway to 3m and introduction of a raised side road entry treatment across Thame Lane. Provision of street lighting system.

Evidence / Intelligence	Peak hour survey of pedestrian and cycling crossing movements at the junction have been completed in order to confirm the most appropriate desire line for the new facility.
Alternatives considered / rejected	Proposals need to incorporate / compliment the existing traffic signal controlled junction and improve road safety for pedestrians and cyclists on route to Europa School and Culham Science Centre.

Category	Impact criteria	Score (-3 to +3)	Description of impact	Actions or mitigations to reduce negative impacts	Action owner	Timeline and monitoring arrangements
Energy	Increases energy efficiency		1 Include upgrade of old signal equipment to current day technology	#REF!	APW	
Energy	Promotes a switch to low-carbon or renewable energy		1 As above	Full consideration during ongoing design phase	APW	
Energy	Promotes resilient, local, smart energy systems		1 As above	As above	APW	
Transport & Connectivity	Reduces need to travel and/or the need for private car ownership		2 More users travelling through junction on foot or cycling.		APW	
Transport & Connectivity	Supports active travel		2 More users travelling through junction on foot or cycling.		APW	
Transport & Connectivity	Increases use of public transport	N/A				
Transport & Connectivity	Accelerates electrification of transport	N/A				
Buildings	Promotes net zero new builds and developments		2 Scheme funded by nearby S106 developer contributions		APW	
Buildings	Accelerates retrofitting of existing buildings	N/A				
Nature	Protects, restores or enhances biodiversity, landscape and ecosystems	N/A				
Nature	Develops blue and green infrastructure	N/A				
Nature	Improves access to nature and green spaces		2 Improved access to shared use facility linking Abingdon to Culham, Clifton Hampden, Berisfield and beyond including the River Thames.		APW	
Waste & Consumption	Reduces overall consumption	N/A				
Waste & Consumption	Supports waste prevention and drive reuse and recycling	N/A				
Resilience & Adaptation	Increases resilience to flooding	N/A				
Resilience & Adaptation	Increases resilience to other extreme weather events (e.g., storms, cold snaps, heatwaves, droughts)	N/A				
Resilience & Adaptation	Increases resilience of council services, communities, energy systems, transport infrastructure and/or supply chains	N/A				
Procurement & Investment	Procurement practices prioritise low-carbon options, circular economy and sustainability		1 Consideration into use of local suppliers and contractors during Procurement process.		APW	
Procurement & Investment	Investment being considered supports climate action/ is consistent with path to net zero		2 Supports, improves and maintains Active Travel		APW	
People & Organizations	Drives behavioural change to address the climate and ecological emergency		2 Active travel measures to encourage more walking, cycling and wheeling and less reliance on use of motorised means of transport.		APW	
People & Organizations	Drives organizational and systemic change to address the climate and ecological emergency		2 Supports Active Travel and Net Zero policies.		APW	
Just transition	Promotes green innovation and job creation	N/A				

Just transition	Promotes health and wellbeing	Encourages more cycling, walking 2 and wheeling including users of school age to nearby Europa School	APW
Just transition	Reduces poverty and inequality	2 As above	APW