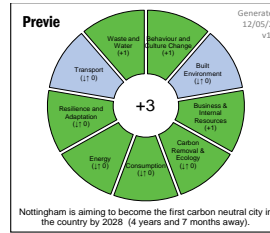


# Carbon Impact Assessment Dashboard Tool (v1.1)



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Report Name	Remainder of the School Capital Maintenance Grant allocation 2022/23.
Report date	03/02/23
Report author	Robert Caswell
Project Notes	Proposals to be presented at Executive Board in March 2023 .
Export filename	Remainder of the School Capital Maintenance Grant allocation 2022/23. CIAD 03.02.2023 .png

Category	Impact	Notes / justification for score / existing work (see guidance sheet or attached notes for more information)	Score (-5 to +5)	CNPT score	CNPT comments
Behaviour and Culture Change	Communication & engagement	This is an opportunity to engage further with schools to increase awareness.	+1	-	Is there any planned engagement with schools about the potential carbon/energy savings through works? If not, suggest a score of zero here.
Behaviour and Culture Change	Wider influence	No measurable effect	-	-	
Behaviour and Culture Change	Working with communities	This could be an opportunity to engage with partners who work with schools from both the community and other organisations .	-	-	Is there any planned engagement with stakeholders about the potential carbon/energy savings through works? If not, suggest a score of zero here.
Behaviour and Culture Change	Working with partners	We will use this an opportunity to work with partners eg. Out of school clubs that operate	-	-	Is there any planned engagement with stakeholders about the potential carbon/energy savings through works? If not, suggest a score of zero here.
Built Environment	Building construction	We will ensure that where possible we will incorporate interventions that improve buildings fabric in a more environmentally friendly way and measure to BREEAM rating standards. For example we will increase insulation to roofs where possible	-	-	
Built Environment	Building use	Where appropriate we will include better lighting interventions and encourage lower carbon travel to site .	-	-	
Built Environment	Switching away from fossil fuels	For the 2023/24 programme of works we are expecting limited impact. Thre current fuel for the boilers is gas, new boilers will be more energy efficient and will be designed to operate with a combination of natural gas and hydrogen giving some future proofing if the option of a mixed fuel becomes realistic. Given to be effective heat pumps need an overall improvement of the building fabric which is beyond the financial resources of this programme.	-	-	Is the limited impact positive, negative or is it negligible change? If negligible score of 0. For the proposed boiler replacements at Carrington and Seeley Primary schools, are low carbon alternatives such as heat pumps being considered for this? What are the existing fuel sources for the boilers and is there information to provide that new systems will be more efficient in terms of fuel consumption and emissions?
Business & internal resources	Developing green businesses	We will link with main contractors to see if we can devleop better links with greener businesses if possible	-	-	
Business & internal resources	Marketable skills & training	We will request and review all companies environmental policies and assesss accordingly.	-	-	suggest this score for below point instead.
Business & internal resources	Sustainability in business	Unaware at this time, as we have not entered the procurement stage	+1	+1	
Business & internal resources	Material / infrastructure requirement	We will only use necessary resources encourage recycling where possible	-	-	This is scored elsewhere, so no score for this section.
Carbon Removal & Ecology	Carbon storage	To be confirmed and developed during the scoping process	-	-	
Carbon Removal & Ecology	Biodiversity & Ecology	We will not hinder the natural world. We will seek to improve it where we can . The majority of school buildngs are system builds with light weight steel frames which do not support the weight associated with green roofs.	-	-	Are any green roofing projects being considered as part of re-roofing at Crabtree Farm, Southwold, Claremont? You may need to consider Biodiversity Net Gain requirements in your developments.
Carbon Removal & Ecology	Bee friendly city	We will contribute to this in any schemes that involve planting eg, security hedges	-	-	You may need to consider Biodiversity Net Gain reuirements in your developments.

Carbon Removal & Ecology	Carbon offsets	Unknown	-	-	
Consumption	Food & Drink	Not applicable	-	-	
Consumption	Products	We will always check our suppliers environmental policy and ensure if we tender any works this will be part of the selection criteria	-	-	This is scored elsewhere, so no score for this section.
Consumption	Services	We will review this with the appointed contractor and sub contractors	-	-	
Consumption	Local and low-carbon production	Our long term draft strategy is to reduce carbon production by including interventions that will mitigate production of carbon for example by considering how we can install lower carbon heating interventions and carry out related works to the fabric of buildings to ensure better insulation and retention of heat.	-	-	Heating and fabric changes scored elsewhere, so zero for this section
Energy	Local renewable generation capacity	We will include in scope renewable energy options where possible - eg. By the installation of solar panels.	-	-	If no confirmed plans to install solar panels, score to be 0
Energy	Reducing energy demand	Any electrical systems will be more energy efficient eg. LED lighting	-	-	If changing large amounts of electrical systems, savings could be fairly significant. Are there confirmed plans to change these electrical systems as part of re-roofing or will new heating systems be more efficient?
Energy	Improved energy storage	unknown at this time	-	-	
Resilience and Adaptation	Green / blue infrastructure	We will not negatively impact natural habitats and where possible we will create more water efficient systems	-	-	If no confirmed plans, score to be 0. Are sustainable drainage systems being considered as part of re-roofing projects? Will re-roofing positively or negatively affect flow rate of water drained to systems that may affect flood risk? <a href="https://www.local.gov.uk/topics/severe-weather/flooding/sustainable-drainage-systems">https://www.local.gov.uk/topics/severe-weather/flooding/sustainable-drainage-systems</a>
Resilience and Adaptation	Natural flood management	When applicable to a scheme we will ensure we manage and improve flood risk	-	-	If no confirmed plans for SuDS or attenuation ponds, etc. on site, score to be 0.
Resilience and Adaptation	Drought vulnerability	N/A	-	-	
Resilience and Adaptation	Flooding vulnerability	N/A	-	-	
Resilience and Adaptation	Heatwave vulnerability	N/A	-	-	
Transport	Staff travel requirement	N/A	-	-	
Transport	Decarbonising vehicles	N/A	-	-	
Transport	Improving infrastructure	In future programmes and where applicable we will encourage and try to improve the number of lower carbon methods of travel	-	-	If there are no confirmed plans for this development that contribute to transport infrastructure, score to be 0.
Transport	Supporting people to use active travel	Not applicable to this programme of works .	-	-	
Transport	Reduced need to travel	Contractors will need to travel to site to deliver the works and at this time we do not have information on the type of energy used to power their fleet of vehicles.	-	-	This section relates to reduced need to travel for users to site, construction traffic should be considered in building construction section.
Waste and Water	Single-use plastic	We will use sustainable materials and not use plastic	-	-	Are there any plans to limit and reduce single use plastic from construction materials as far as possible? If no set plans, score to be 0.
Waste and Water	End of life disposal / recycling	We will work with subcontractors to ensure that we recycle as much waste material as possible.	+1	-	
Waste and Water	Waste volume	Unknown	-	-	
Waste and Water	Water use	Unknown	-	-	