

### Appendix 3 Carbon Impact Assessment – Council Building Decarbonisation Programme PSDS Phase 3C

Will the decision/proposal impact...	Impact	If an impact or potential impacts are identified			
		Describe impacts or potential impacts on emissions from the Council and its contractors.	Describe impact or potential impacts on emissions across Rotherham as a whole.	Describe any measures to mitigate emission impacts	Outline any monitoring of emission impacts that will be carried out
Emissions from non-domestic buildings?	Positive Impact	Installing low carbon heating systems; reducing energy consumption; and increasing on site capacity for renewable energy generation where feasible will cut carbon emissions from operational buildings.	Reduced emissions	-	Greenhouse emissions from operational buildings are monitored and reported against the Council's Net Zero 2030 (NZ30) climate change commitment.
Emissions from transport?	Reduces Emissions	There will be minimal impact during the installation phases.	Reduced emissions	Transport will be kept to a minimum during installation.	Contractors will be required to report project emissions on completion.
Emissions from waste, or the quantity of waste itself?	No impact	-	-	-	-
Emissions from housing and domestic buildings?	No impact	-	-	-	-
Emissions from construction and/or development?	Impact Unknown	There will be minimal impact during the installation phase.	Minimal	Contractors will reduce emissions and environmental impact where possible.	Liaison with Council officers will include monitoring of activities to ensure minimal impact

Carbon capture (e.g. through trees)?	Nil	-	-	-	-
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Identify any emission impacts associated with this decision that have not been covered by the above fields:

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**Please provide a summary of all impacts and mitigation/monitoring measures:**

Reduced greenhouse emissions from Council operational buildings through decarbonisation, increased on-site renewable energy and energy efficiency measures, monitored through existing NZ30 emissions accounting.

The Council has cut its energy consumption and operational greenhouse gas emissions since 2014. Decarbonisation measures will accelerate reductions, contributing to the Council's NZ30 climate change commitment.

	Annual CO <sub>2</sub> Emissions (tonnes)	% Reduction
<b>2014/2015</b>	14,589	0
<b>2015/2016</b>	12,796	12.29%
<b>2016/2017</b>	10,896	14.85%
<b>2017/2018</b>	9,047	16.97%
<b>2018/2019</b>	7,005	22.57%
<b>2019/2020</b>	6,003	14.30%
<b>2020/2021</b>	5,034	16.14%
<b>2021/2022</b>	4,844	3.77%

Supporting information:	
Completed by: (Name, title, and service area/directorate).	David Rhodes, Environmental, Energy & Data Manager, Finance and Customer Services
Please outline any research, data, or information used to complete this form.	Internal energy use data, as summarised in CRC and NZ30 greenhouse gas emissions reports; greenhouse gas conversion factors as per the following.
If quantities of emissions are relevant to and have been used in this form, please identify which conversion factors have been used to quantify impacts.	Conversion factors for greenhouse gas reporting by UK organisations (data series). <a href="http://www.gov.uk">Government conversion factors for company reporting of greenhouse gas emissions - GOV.UK (www.gov.uk)</a>
Tracking [to be completed by Policy Support / Climate Champions]	Tracking reference: CIA 173 Arthur King, Principal Climate Change Officer, Strategic Asset Management, Finance and Customer Services