

Appendix E- Carbon Impact Assessments- Draft

Proposal	The council's energy consumption via buildings	The council's energy consumption via	The councils water usage	Creation of renewable energy	Carbon offsetting – will the proposal offset carbon emissions such as through tree planting.	Reducing carbon emissions through amending ongoing activities not covered above	If the project involves the creation or acquisition of a building, has the energy rating been considered. Are / will measures be included to make the building energy efficient?	Embodied energy - does your project/proposal include construction of buildings or other significant infrastructure? No = neutral. If yes, have genuine efforts been made to minimise the embodied energy* in the materials being used for that construction, and the source of such materials?	Additional info	What information is available to help the environmental impacts identified above to be quantified?	Can any differences be justified as appropriate or necessary?	Are any remedial or mitigation actions required?	Once implemented, how will you monitor the actual impact?	Overall summary to be included in your covering report.
Building on successful transformation														
Care package reviews and assessments	Neutral	Neutral	Neutral	Neutral	Neutral	Neutral	Neutral	Neutral	This assessment has been undertaken on the assumption that changing the type of support individuals require could result in more visits to meet with the individuals concerned. However, it could be considered that some care options will be less carbon intensive than others and stopped earlier this would need to be reviewed when more information is known.	Insufficient information available.	Unknown at this stage	Unknown	Unknown	Neutral Impact but uncertain
Dimming of street lighting between 9pm and 5am	Positive	Neutral	Neutral	Neutral	Neutral	Neutral	Neutral	Neutral	This is likely to have a positive impact	It would be useful to review any available data to ascertain the level of energy reduction that will be saved	The impacts on carbon are likely to be significant whilst impacts on the public are likely to be minimal as such this is considered to be an appropriate course of action	No	It will be essential to track actual energy reductions against those forecast.	Highly likely to have a positive impact
Reduction in funding for low level support for older people discharged from hospital	Positive	Positive	Positive	Neutral	Neutral	Neutral	Neutral	Neutral	This assessment has been made on the assumption that reducing duplication will rationalise service provision and therefore reduce the number of sites services are provided from and travel required. It is unknown if this will directly benefit council assets. This would need to be	More information is required to understand the actual changes that will occur.	Unknown at this stage	Unknown	Unknown	Potentially limited positive effects but unknown until further information is available.

Ceasing funding heating grants as part of Stay Well in Winter campaign	Neutral	Neutral	Neutral	Neutral	Neutral	Neutral	Neutral	Neutral	Neutral	The impact of this change is anticipated to be neutral however, more information is required to identify whether this would result in less upgrades being made to improve the energy efficiency of domestic heating provisions.	Further information would be required	TBC	TBC	TBC	Neutral impact but uncertain
City College Peterborough room hire and deletion of vacant post	Neutral	Neutral	Neutral	Neutral	Neutral	Neutral	Neutral	Neutral	Neutral	It has been assumed that sharing the income received will not directly impact how often the rooms are in use. Positive for home to work travel?	N/A	N/A	N/A	N/A	Neutral impact
Facilities management service costs within the Schools PFI	Neutral	Neutral	Neutral	Neutral	Neutral	Neutral	Neutral	Neutral	Neutral	It is not anticipated that this will have a carbon impact	N/A	N/A	N/A	N/A	Neutral impact
Joint commissioning of our Healthy Child Programme	Neutral	Neutral	Neutral	Neutral	Neutral	Neutral	Neutral	Neutral	Neutral	No carbon impact identified due to insufficient information	N/A	N/A	N/A	N/A	Neutral Impact but uncertain
Joint commissioning of our Integrated Lifestyle Services	Neutral	Neutral	Neutral	Neutral	Neutral	Neutral	Neutral	Neutral	Neutral	There is potential that a rationalisation of services and a reduction in overheads could have a corresponding reduction in travel required. There could potentially be a reduction in energy costs to operate facilities but this is unknown.	Further information on the rationalisation that will take place is required.	Unknown at this stage	Unknown	TBC	Neutral but uncertain
Realignment of drug and alcohol budget	Neutral	Neutral	Neutral	Neutral	Neutral	Neutral	Neutral	Neutral	Neutral	As this is a planned change, no carbon impacts are anticipated.	N/A	N/A	N/A	N/A	Neutral impact
Reducing the value of the Extra Care Contract	Neutral	Neutral	Neutral	Neutral	Neutral	Neutral	Neutral	Neutral	Neutral		Further information required.	Further information required.	Unknown	TBC	Neutral impact
Reduction in the repair and maintenance budget through commercial review	Neutral	Neutral	Neutral	Neutral	Neutral	Neutral	Neutral	Neutral	Neutral	Expanding the supplier list could result in procurement from further afield, or the contrary but this is uncertain.	Further information is required.	N/A	N/A	N/A	Neutral impact
Self-funding of Lifeline service after six weeks	Neutral	Neutral	Neutral	Neutral	Neutral	Neutral	Neutral	Neutral	Neutral	It is not anticipated that this will have a carbon impact	N/A	N/A	N/A	N/A	Neutral impact
Redesign of Service															
Deprivation of Liberties Safeguards (DoLS) assessments	Neutral	Neutral	Neutral	Neutral	Neutral	Neutral	Neutral	Neutral	Neutral	It is not anticipated that this will have a carbon impact	N/A	N/A	N/A	N/A	Neutral impact
PAMS – reduction in outsourcing of assessments	Neutral	Neutral	Neutral	Neutral	Neutral	Neutral	Neutral	Neutral	Neutral	It is not anticipated that this will have a carbon impact	N/A	N/A	N/A	N/A	Neutral impact
Recommissioning children’s centre contracts	Neutral	Neutral	Neutral	Neutral	Neutral	Neutral	Neutral	Neutral	Neutral	It is not anticipated that this will have a carbon impact from the information available.	Further information on the rationalisation that will take place is required.	Unknown at this stage	N/A	TBC	Neutral impact
Redesigned commissioning team through shared working	Neutral	Neutral	Neutral	Neutral	Neutral	Neutral	Neutral	Neutral	Neutral	It is not anticipated that this will have a carbon impact	N/A	N/A	N/A	TBC	Neutral impact
Reduction in agency staff in children’s social care	Neutral	Neutral	Neutral	Neutral	Neutral	Neutral	Neutral	Neutral	Neutral	This assessment assumes that it is a simple replacement of agency staff with permanent staff, therefore of neutral carbon impact	nil	N/A	nil	Nil	Neutral impact
Reduction in cleaning at Sand Martin House	Positive	Neutral	Positive	Neutral	Neutral	Neutral	Neutral	Neutral	Neutral	This proposal is likely to generate a slight positive effect, through less energy and hot water use	Nil	N/A	nil	nil	Very slight likely carbon benefit

									following less frequent cleaning regime.					
Reduction in NHS Health Checks budget due to low uptake	Neutral	Neutral	Neutral	Neutral	Neutral	Neutral	Neutral	Neutral	This proposal does not appear likely to have significant carbon implication as a consequence, whether positive or negative	nil	N/A	nil	nil	Neutral impact
Removal of social care lead practitioner post	Neutral	Neutral	Neutral	Neutral	Neutral	Neutral	Neutral	Neutral	This proposal does not appear likely to have significant carbon implication as a consequence, whether positive or negative	Nil	N/A	nil	nil	Neutral impact
Removal of vacant housing case worker post	Neutral	Neutral	Neutral	Neutral	Neutral	Neutral	Neutral	Neutral	This proposal does not appear likely to have significant carbon implication as a consequence, whether positive or negative	nil	N/A	nil	Nil	Neutral impact
Reshaping community and safety directorate	Neutral	Neutral	Neutral	Neutral	Neutral	Neutral	Neutral	Neutral	This proposal does not appear likely to have significant carbon implication as a consequence, whether positive or negative	Nil	N/A	Nil	Nil	Neutral impact
Restructure and remodelling of the Prevention and Enforcement Service (PES)	Neutral	Neutral	Neutral	Neutral	Neutral	Neutral	Neutral	Neutral	This is a wide ranging proposal, but it does not appear likely there will be significant carbon implication as a consequence, whether positive or negative	Nil	N/A	Nil	Nil	Neutral impact
Review of school transport costs	Neutral	Neutral	Neutral	Neutral	Neutral	Neutral	Neutral	Neutral	This assessment is likely to be neutral on all aspects except for two where it is uncertain (and therefore categorised as neutral). First, the consumption of council's energy (fuel) use could be reduced, if the review reduced school mileage undertaken (though, even if this is the case, consideration would need to be taken as to whether increased private mileage occurred as a consequence, potentially exceeding any council carbon dioxide savings). Second, if the review made more efficient use of vehicles, meaning less vehicles required overall, then this could reduce the embodied energy of the council's vehicle stock (including hired stock). However, again, if the review means greater private vehicle use, this could mean overall an increase in embodied energy, as more vehicles are being consumed overall.	Until a review is undertaken, it is not possible to know the true effects or quantities involved.	N/A	It is important the review itself undertakes a CIA	the review itself should undertake a CIA, which should determine monitoring arrangements	Uncertain impact, with potential to be positive or negative. Important that the Review itself undertake a CIA

Security at Sand Martin House	Neutral	Negative	Neutral	Neutral	Neutral	Neutral	Neutral	Neutral	Neutral	This assessment assumes that through reduced secured (no night time security) there is no subsequent ability to reduce energy consumption (e.g. through reduced heating). It also assumes that no increase in security incidents occur. If incidents increase, which then require repairs or replacements, then there would be an (negative) increase in embodied energy as a consequence. Travel energy use is listed as negative, as it is assumed a mobile patrol will require increased vehicle usage.	None available, and this assessment is somewhat based on assumptions rather than certainties.	The likely negative impacts on carbon emissions is likely to be very small as a consequence (and could be positive if the assumptions are wrong). Due to the uncertainties, and likely low impact, the potentially negative consequences can be justified.	Make efforts to investigate whether, as a consequence of this saving, energy usage can be reduced through reducing energy consumption at times when SMH is not under 24/7 security.	nil	Uncertain, with potential to be positive or negative, but could be negative due to increased travel via mobile patrols. These could be offset if other SMH energy savings could be made as a consequence of scaling back 24/7 security.
Reduction of Provision															
Prioritising street cleansing work	Neutral	Positive	Neutral	Neutral	Neutral	Positive	Neutral	Neutral	Neutral	This assessment assumes less travel is involved in reaching sites to be cleaned, and assumes an overall reduction in cleaning will reduce carbon emissions, though this benefit may be offset by the new 'hot wash' service.	None available. Understanding the energy consumption of the 'hot wash' service, compared with status quo, would help quantify carbon dioxide emission savings or losses.	n/a	Only use hot water for washing where the cleaning required clearly requires it.	Monitor energy consumption of the hot wash service	Likely slightly positive, though there are uncertainties
Reduction in discretionary youth services budget	Neutral	Neutral	Neutral	Neutral	Neutral	Neutral	Neutral	Neutral	Neutral	Uncertain impact and therefore more information is required.	None	N/A	N/a	n/a	likely neutral impact
Reduction in response time to non-hazardous fly tipping	Neutral	Positive	Neutral	Neutral	Neutral	Neutral	Neutral	Neutral	Neutral	The assessment assumes that, as a consequence of reduced response time, that more efficient travelling to fly tip locations would occur, thus saving fuel (travel) consumption. The assessment also assumes that as consequence of reduced response time, there isn't an increase in fly tipping overall. This will need monitoring.	None available. If the travel patterns of the collection team was known, then an estimate of fuel savings could be calculated.	N/A	Nil	Monitor whether incidents of flytipping increases. Monitor fuel usage of flytipping collection team	Likely slight positive impact, based on assumption of more efficient coordination of collecting flytipping, and therefore less fuel (travel) use.
Vivacity	Neutral	Neutral	Neutral	Neutral	Neutral	Neutral	Neutral	Neutral	Neutral	It is not clear what, if any, this proposal will have on carbon use. If the services provided by Vivacity largely remain the same, as a consequence, then the impacts will be neutral. It is on this basis that the assessment has been made.	None.	N/A	N/a	It would be helpful to understand whether this saving would, through whatever means, result in any energy usage saving	Likely neutral impact, based on assumption that the saving relates to how Vivacity is run, rather than the services it offers.
Using our assets															

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Changing frequency of property condition surveys	Neutral	Positive	Neutral	Neutral	Neutral	Neutral	Neutral	Neutral	less frequent surveys will require less journeys to properties, which should reduce fuel (travel) consumption	None available. If the travel patterns of surveyors was known, then an estimate of fuel savings could be calculated.	N/A	Nil	Reduction in mileage claims of surveyors	Minor Positive impact, through likely reduction in fuel consumption visiting sites.
Income generation from Sand Martin House sub-let	Positive	Neutral	Positive	Neutral	Neutral	Neutral	Neutral	Positive	Making more efficient use of space will reduce the overall consumption of energy (including hot water) by the council (as energy use now shared with other tenants). By sharing building also reduces the councils share of the energy embodied within the building (and saves the tenant from creating embodied energy which they would have done if securing a new building of their own)	Details of tenant share of energy bills unknown. Embodied energy of SMH unknown. Therefore precise carbon dioxide savings not quantifiable, but can be certain to be positive.		Nil	Monitor whether the councils energy consumption in SMH significantly increases post tenants arriving, and if so attempt to establish why and to what degree the new tenants are consuming energy.	Positive impact, due to electricity and gas savings, and due to the sharing of the embodied energy of SMH, but uncertain of scale of savings at this stage.
Increase in income from council-owned commercial units	Neutral	Neutral	Neutral	Neutral	Neutral	Neutral	Neutral	Neutral	The assessment assumes there is no increase or decrease in use of units as a consequence of this proposal	N/A	N/A	Nil	N/A	Neutral climate impact
Introducing auto-scale product	Positive	Neutral	Neutral	Neutral	Neutral	Neutral	Neutral	Neutral	Servers consume large amounts of electricity, therefore switching any off when not in use will save electricity, and therefore carbon dioxide emissions.	Uncertain whether financial savings relate to electricity costs alone or wider costs saving. Uncertain whether electricity savings are direct electricity savings by the council, or third party.				Positive impact, due to electricity savings, but uncertain of scale and location of savings at this stage.
Reduction in property contingency budget	Neutral	Neutral	Neutral	Neutral	Neutral	Neutral	Neutral	Neutral		N/A	N/A	Nil	N/A	Neutral climate impact
Reduction in Sand Martin House business rates	Neutral	Neutral	Neutral	Neutral	Neutral	Neutral	Neutral	Neutral		N/A	N/A	Nil	N/A	Neutral climate impact