

## Appendix 4 : Carbon Impact Assessment

| 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?                 | Impact unknown | Decrease in district heating charges could increase emissions of boiler houses as tenants will no longer have a price incentive to reduce use.           | N/A  | Undertake work to increase efficiencies of existing systems to reduce carbon footprint. Where feasible, increase use of bio-fuel in Council District heating schemes.   |   |
| Emissions from transport?                              | No Impact      |  |  |   |   |
| Emissions from waste, or the quantity of waste itself? | No Impact      |  |  |   |   |
| Emissions from housing and domestic buildings?         | Impact unknown | Decrease in district heating charges may potentially increase emissions of boiler houses as tenants will no longer have a price incentive to reduce use. |  | Community Energy Support scheme launched in March 2021.<br><br>Consider improving efficiencies of systems to reduce heat loss (government funding available to support). This will reduce carbon emissions. Where feasible, consider increasing the use of bio-fuel | Measurement will be through annual carbon reporting.                |

|   |           |  |  |                                      |  |
|---|-----------|--|--|--------------------------------------|--|
|   |           |  |  | on Council district heating schemes. |  |
| Emissions from construction and/or development? | No Impact |  |  |                                      |  |
| Carbon capture (e.g. through trees)?            | No Impact |  |  |                                      |  |

Identify any emission impacts associated with this decision that have not been covered by the above fields:

The report focuses on the proposed reduction in District heating charges. There are 18 separate District Heating Schemes throughout the borough, 2 of which are currently operate partly with bio-fuel which generates Renewable Heat Incentive (RHI) income depending on the amount of heat generated.

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

It is not clear whether the decrease in rate will increase energy use or whether the current impact of cost of living will continue to drive down energy use within homes despite this. Opportunities exist to reduce heat lost (therefore increasing energy use to provide the necessary heat to homes) through grant funding for efficiency measures. Future opportunities may exist to increase the amount of biofuel used (or other alternative fuel sources) to supply boilers currently in operation following consideration of cost, feasibility and carbon cost.

Supporting information:

|   |   |
|---|---|
| Completed by:<br>(Name, title, and service area/directorate). | Paul Elliott<br>Head of Service – Business and Commercial, Housing Services |
|---|---|

|   |  |
|---|--|
|   |  |
| Please outline any research, data, or information used to complete this [form].   | N/A  |
| 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. | N/A  |
| Tracking [to be completed by Policy Support / Climate Champions]  | CIA080 -Louise Preston, Climate Change Manager |