

Appendix 3 Further Potential issues and projects to consider to reduce carbon in the Borough

- 1) To review and make recommendations to Council and Cabinet on
 - a. setting up an annual carbon audit to include the Council's carbon footprint and a roadmap for achieving this aim by March 2022.
 - b. creating opportunities to seek grants to encourage and enable carbon-reduction and mitigation schemes in Spelthorne. The primary criterion for assessing applications should be CO2 savings per pound spent. Such projects could include: -
 - at the Nursery in Laleham solar panels could be installed for £15-16k
 - When the Energy Hub organisation undertook a series of energy audits for the Council in 2020, they put forward the potential for Elmsleigh MSCP to have solar canopies which could be worth investigating further. There is the estimated potential for a 0.2MW system, generating 200,000kWh+ and requiring £251,000 CAPEX. Such a scheme would be equivalent to reducing carbon emissions by 58 tonnes which would be around 4-5% of the Council's current emission total.
 - Other potential sites for installation of solar panels including pavilions e.g. Long Lane, Fordbridge and Staines Park. These sites were included in a Surrey wide renewables study which will report in June/July and provide the Council with more information on likely costs and outputs.
 - Air source heat pumps have been highlighted as a possibility at the Depot and worth further investigation. Additionally, undertaking in depth energy audits of the Council offices, Depot, Nursery and day centres will enable us to fully evaluate opportunities.
- 2) To develop, devise and recommend a template for environmental impact assessments to apply across all the Council's activities to enable measuring of progress
- 3) To oversee implementation and liaise with local businesses, landowners, community organisations and residents to make a positively beneficial impact on the environment and biodiversity in the Borough.
- 4) Evaluate opportunities for community groups to take action on climate change and consider an annual meeting with residents.
- 5) To publish a draft action plan once developed and its existence notified to residents as part of the Council's communication strategy.