# Climate Plan Annual Progress Report November 2021 to October 2022: Figures (accessible document)

## Progress against our objectives

### Figure 1: Emissions reductions – Light retrofit and waste to energy

The projected reductions in scope 1 and 2 emissions that would be delivered by scenario A - light retrofit and waste to energy. The top line of the area chart shows the baseline emissions in tonnes Carbon Dioxide Equivalent (carbon dioxide plus other greenhouse gases), while the bottom line of the area chart shows the projected emissions after interventions. The area chart shows what proportion of emissions reductions would be driven by each intervention, as well as when those reductions would be delivered between 2021 and 2030. It shows that with all interventions in place, emissions would be reduced to zero by the 2030 academic year, with steep drops in 2026 driven by off-site renewable energy and in 2029 driven by offsetting.

## Emissions reporting

### Figure 2: Monthly Scope 1 and 2 estate-based emissions

The line graph tracks monthly estate-based scope 1 and 2 emissions measured in tonnes of carbon dioxide equivalent (Co2e). There are two lines on the graph, one for 2020-21 (shown as a dotted line) and one for 2021-22 (shown as a darker solid line). The graph runs from August through to July and for both years shows higher emissions over the winter months, peaking in January, with lower emissions outside of the winter months. Comparing the lines for the two separate years shows that up until February, emissions for 2021-22 were higher than in 2020-21. In February itself, emissions were roughly the same for both years. From March onwards, emissions for 2021-22 were lower than the previous year, with the biggest difference being in May, June and July.