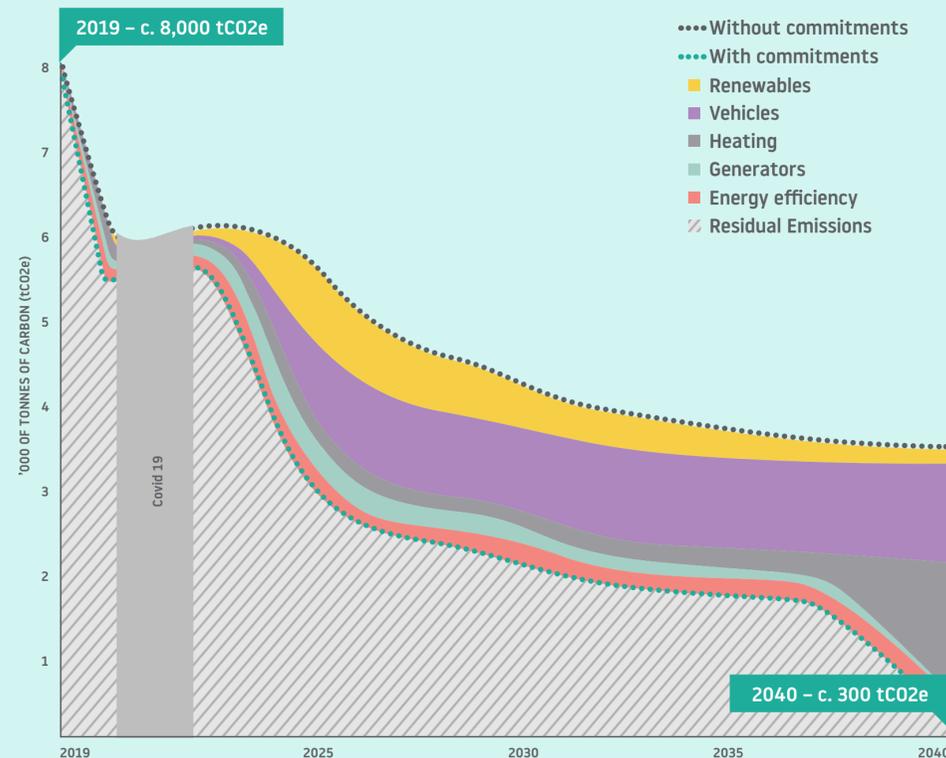


Sustainability is a cornerstone of our vision for London Luton Airport as we look to operate and grow responsibly. We are committed to sustainable aviation and have set an ambition to achieve net zero by 2040 for our airport emissions.

This roadmap outlines the first steps on our net zero journey to reduce emissions from our own operations and enable us to continue to operate a thriving, sustainable airport.

Whilst we have taken the initial steps on our pathway to net zero, we recognise there is still plenty of work to be done. We will continue to work closely with our partners, including Luton Rising, Luton Borough Council, and the airlines, to support and enable the reduction of overall carbon emissions across our airport.

OUR TRAJECTORY TO NET ZERO



The trajectory graph shows how emissions are expected to reduce over time. The coloured sections show the carbon reduction caused by the mitigation measures being proposed to reach net zero with the overall reduction showed by the "with commitments" green dotted line to 2040.

OUR COMMITMENTS

1 Renewables

Over 60% of our emissions come from electricity consumption. To reduce these, we will generate:

25% 
OF ELECTRICITY FROM ON-SITE RENEWABLE SOURCES BY THE END OF 2026

And continue to explore the feasibility of increasing on and off-site generation to 50%.

2 Airport Operations Vehicles

Our airport operations vehicles make up 15% of our emissions. To reduce these, we are working towards our aim to secure:

100%
LOW CARBON VEHICLES BY 2030



3 Heating

Gas constitutes 20% of our emissions. To reduce these, we will transition to:

LOW-CARBON HEAT FROM 2030

PHASE OUT GAS USE BY 2039 

4 Energy Efficiency

To reduce emission from our existing operations as far as possible, we are:


INVESTING IN **ENERGY EFFICIENT TECHNOLOGY**

Throughout our buildings and infrastructure such as transition to: 100% LED lighting and optimising our building management systems and boiler efficiency.

5 Generators

Fuel use in generators contributes to around 1% of our emissions. To reduce carbon in the short-term, we will explore the use of:

LOW-CARBON FUEL



FROM 2024

6 Residual Emissions

To tackle other airport emissions where there is currently no zero emission solution available, we will:

WORK WITH **THE WIDER INDUSTRY**

to develop solutions to achieve net zero emissions.

