Decarbonisation Programme
Scope 1 & 2

Outlining the University's approach to meeting the target of net-zero carbon emissions by 2035.

Energy efficiency
Support departments in pursuing energy efficiency through improvements to buildings and behaviour change

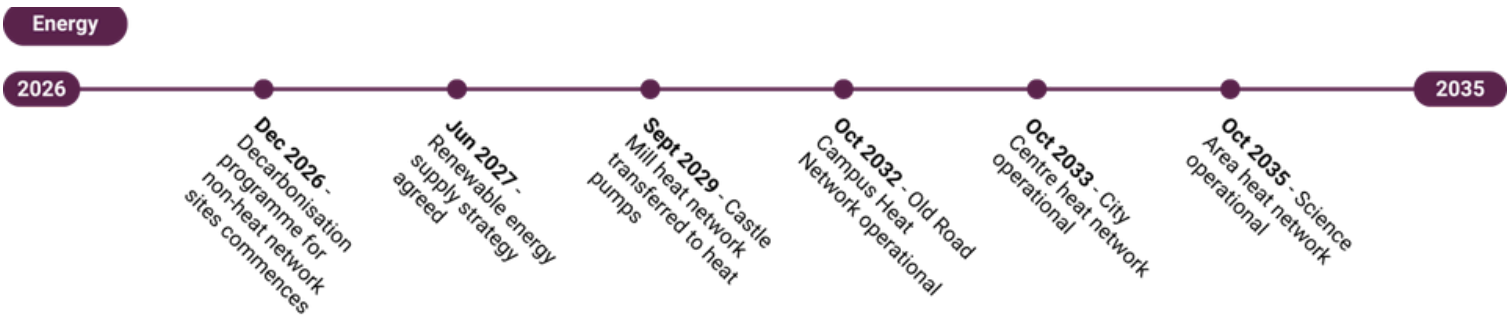
Decarbonisation of heat across the University estate
Reduce Scope 1 and 2 emissions by at least 90% by 2035

Zero Carbon electricity
Develop a zero-carbon electricity supply that prioritises renewable and locally generated energy.

Sustainable buildings
The University of Oxford has adopted the Passivhaus standard for new projects and major refurbishments.

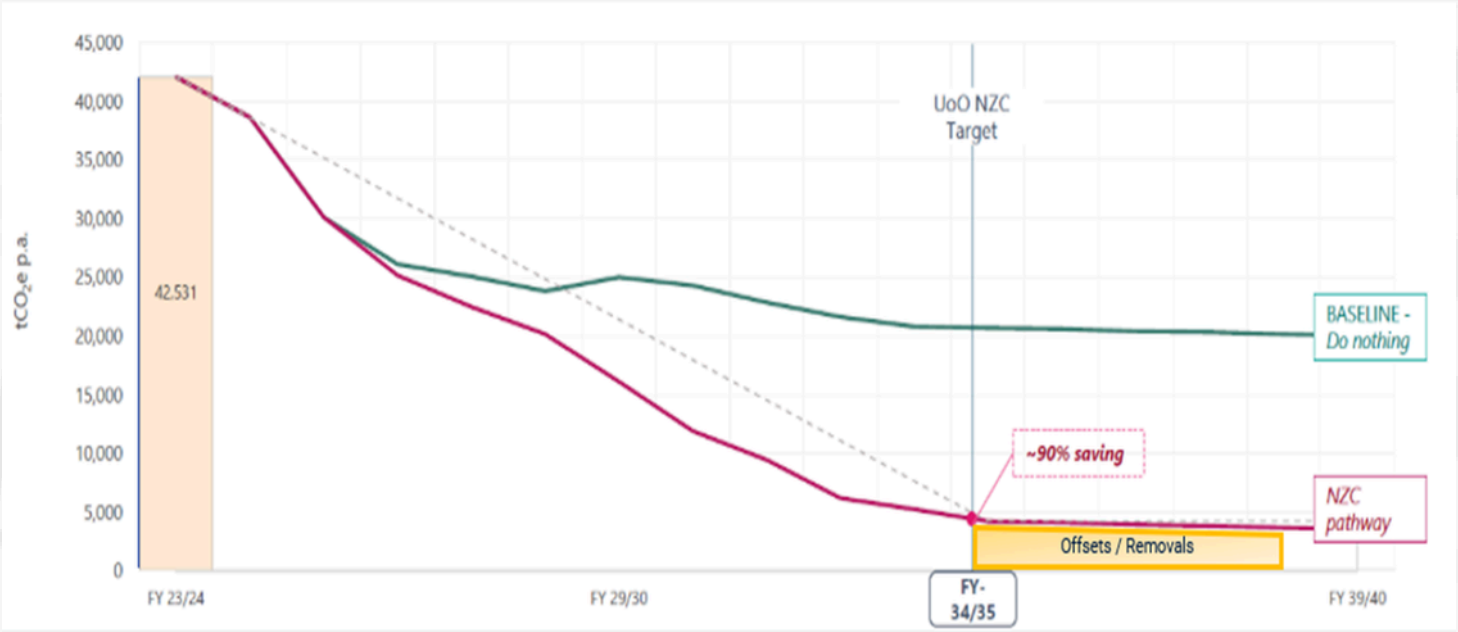
Offsetting
Balance unavoidable residual emissions using robust, evidence-based carbon offsetting aligned with best practice.

The programme is part of the Energy workstream within the Environmental Sustainability Strategy and is managed by the Environmental Sustainability and Capital Projects teams within Estates Services. A Programme Board oversees the projects and reports to the Environmental Sustainability Sub-Committee (ESSC).



Part of the Environmental Sustainability Strategy

Scope 1 & 2 pathway



Snapshot of Oxford University Estates decarbonisation

ENVIRONMENTAL SUSTAINABILITY at OXFORD

STRAND 1

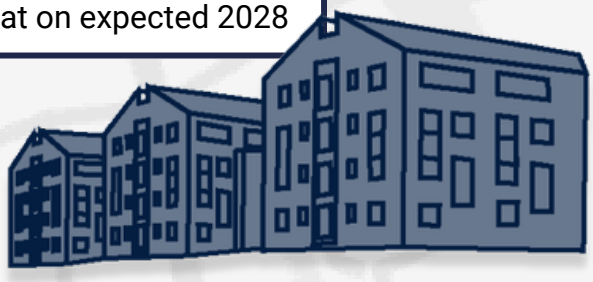
Castle Mill

18 buildings

3% of emissions

Replace gas boilers with air source heat pumps

Heat on expected 2028



STRAND 2

Old Road Campus

12 buildings

27% of emissions

Establish either a 4G or 5G heat network

Heat on expected 2031

STRAND 3

Science Area

37 buildings

40% of emissions

Heat on expected 2033

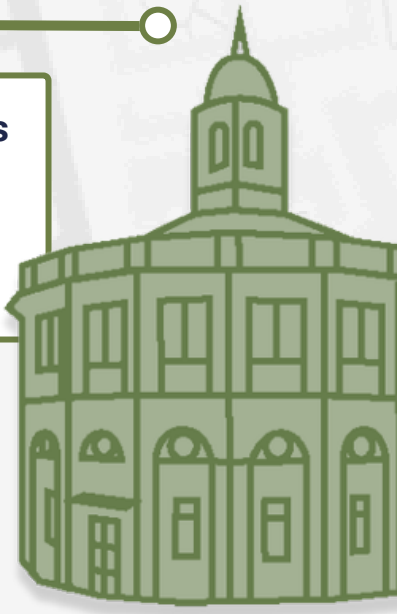
STRAND 4

Individual Building Solutions

79 buildings

13% of emissions

Heat on expected 2035



STRAND 5

District Heat Network

49 buildings

16% of emissions

Heat on expected 2035