



Climate Action update

Performance Scrutiny Committee

11 March 2021



Agenda

- Climate Action Framework
- Climate Action Programme: updates and next steps
- 2019-2020 Greenhouse gas report



Climate Action Framework



Our Principles

Inclusive transition

- We support all our communities and businesses to participate
- We ensure costs and benefits are fairly shared
- We seek to design out energy inequality



Healthy Place Shaping

- We create sustainable, well-designed communities in which it is easy to eat well, be active and healthy



Evidenced-based decisions

- We hold ourselves to account and take an open, smart approach to data gathering and sharing to accelerate our ability to re-prioritise investment
- We work with our world-class universities to develop the evidence to inform decisions



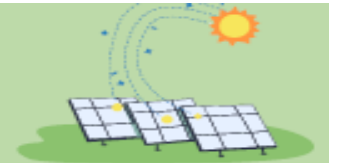
Recognising a role for everyone

- We are asking everyone to participate: our staff, communities, suppliers, businesses, partners and national government
- We build partnerships to tackle systemic challenges



Maximise Oxfordshire benefits

- You can count on our spending to support the growth of low-carbon jobs
- We support communities to own energy projects and retain the benefits locally



Continuous improvement and Living Laboratory

- Our estate is a 'Living Lab' to trial new ideas and accelerate innovation
- We are actively seeking new business models to make investment for zero-carbon viable
- We share our learning



Climate Action Framework: Climate Active Council



- 1** Design in energy saving from the outset
 - 2** Energy efficient
 - 3** Alternative fuel
 - 4** Generate
 - 5** Buy zero carbon power
-
- The list is presented in a vertical stack of light blue boxes. To the right of the list, there is an illustration of solar panels on a green field with a sun icon, connected by dotted lines to the 'Generate' and 'Buy zero carbon power' steps.

Climate Action Framework: Zero Carbon Oxfordshire



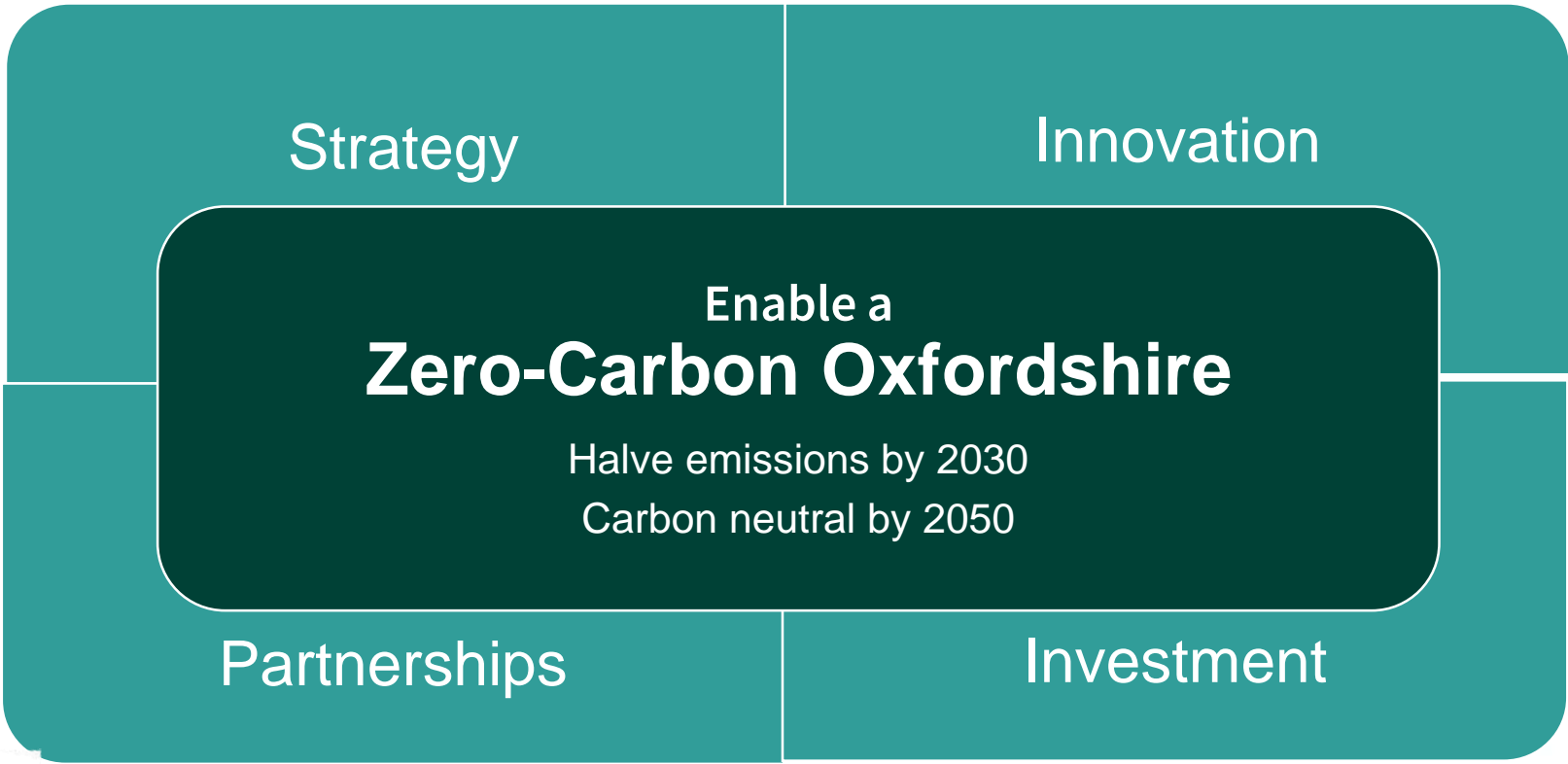
Oxfordshire
Energy
Strategy



Pathways to a
zero carbon
Oxfordshire
(May 21)

Oxfordshire
Electric
Vehicle
Strategy

Local
Transport
and
connectivity
Plan



OxIS

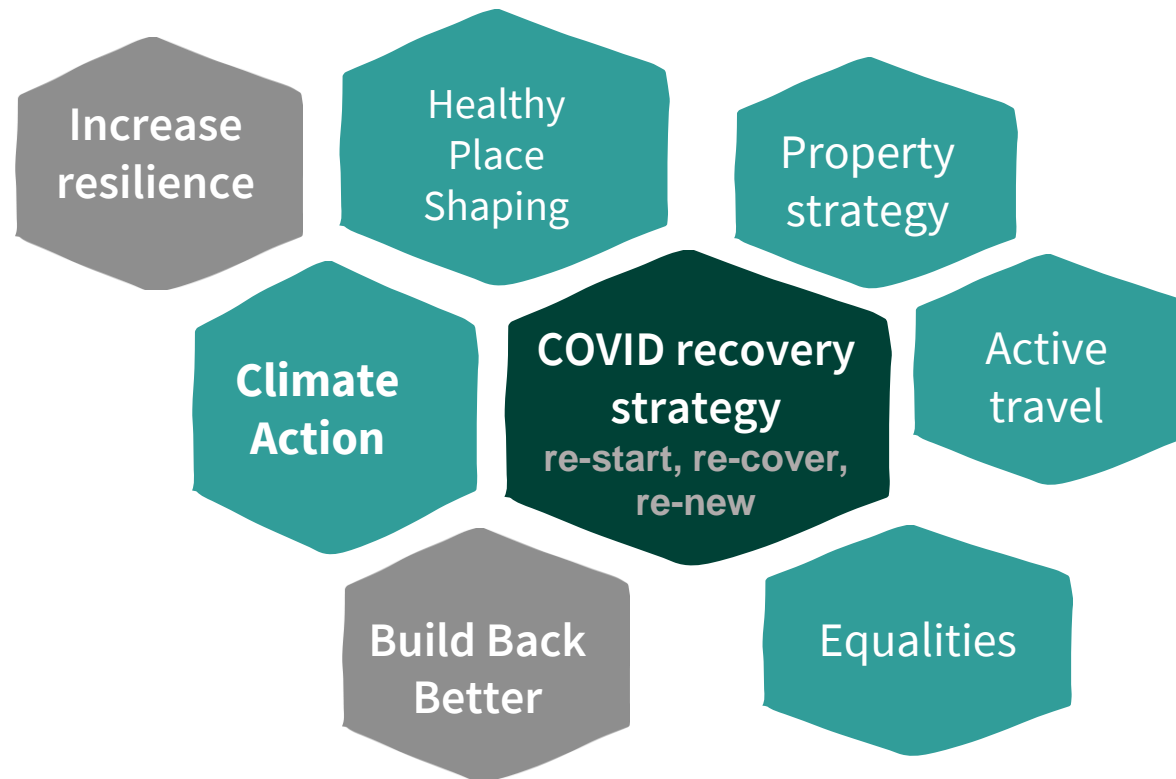
LIS





Climate Action

Strategic corporate commitment
and essential for COVID recovery





Climate Action Programme: updates and next steps



Climate Action Programme

Progress on delivery

Becoming a climate active council

- Climate action (CA) as cross-cutting theme of Corporate Plan
- Property and investment strategies reviewed to support CA commitments
- Climate impact assessment (CIAs) of 2021-22 budget proposals
- CIAs with committee reports for policy, service changes, projects or programmes
- Prioritisation tool for infrastructure schemes
- CA as key theme in service planning
- Staff-led climate action group

Operating at net-zero carbon by 2030

- £2.1m Public Sector Decarbonisation Fund awarded for 7 corporate buildings and 4 schools
- Solar PV, battery storage and heat pump installed at Benson Library, now off gas grid
- 31.5% of street lights converted to LED
- Policy to be 'electric by default' - 21 EVs and 44 EV charge points across 17 council sites
- Green grid electricity for corporate estate and maintained schools

Enabling a zero-carbon future for Oxfordshire

- Zero-carbon vision for Local Transport and Connectivity Plan under consultation
- £2.9m grant funding for Active Travel projects e.g., LTN, cycle routes
- Oxford and Bicester LCWIP approved
- Zero Emissions Zone pilot consultation completed
- Park n Charge rolling out charging in District car parks
- £1.5m Green Homes Grant awarded to improve energy efficiency in households in fuel poverty
- Carbon reduction pilot for infrastructure schemes
- Continued support of our flagship Community Action Group programme



Climate Action Programme

Projects to be delivered in next 6-12 months

Becoming a climate active council

- Climate Action Programme Board launching in March
- Climate Action e-learning module for staff induction
- Carbon Literacy training for staff
- Carbon Neutrality data dashboard
- Climate impact assessment tools for decision-making processes
- Toolkits to support services, councillors and staff

Operating at net-zero carbon by 2030

- Delivery plan for Property Strategy
- New design standards for council-owned new builds and refurbishments
- Fleet management approach to support fleet rationalisation and electrification
- Social value policy for procurement and agreeing carbon reduction plans with key contractors.
- Climate action support package for schools

Enabling a zero-carbon future for Oxfordshire

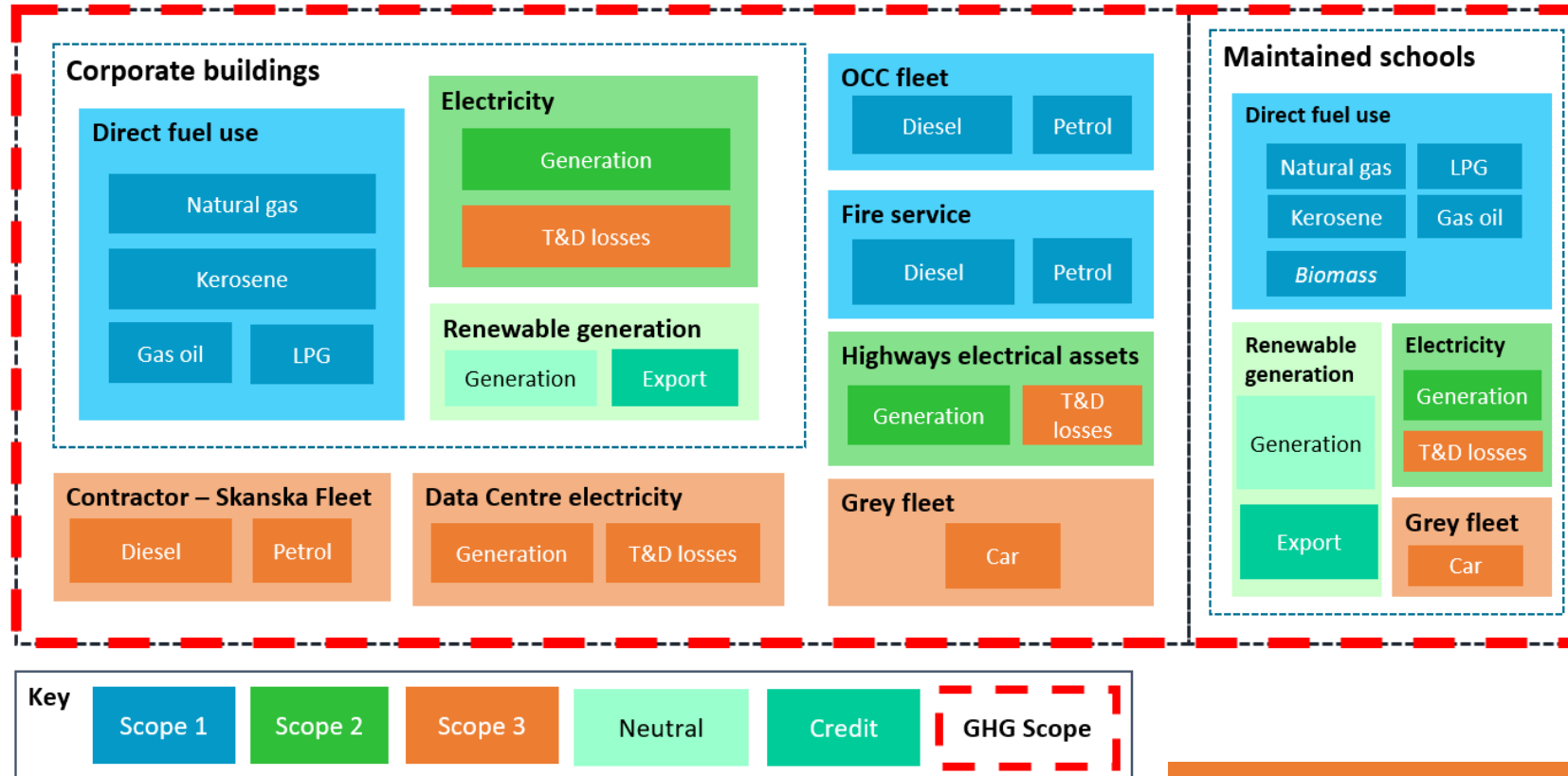
- Retrofit of 150 homes under GHG
- Local Transport and Connectivity Plan
- 240 Park and Charge EV charging points in council-owned car parks
- Active Travel projects in Oxford, Bicester and Witney
- Hydrogen Strategy
- Support for local businesses through Oxfordshire Greentech network
- Local Energy Oxfordshire flexibility trials and Energy Insights tool
- Zero Carbon Oxfordshire report
- Supporting climate change mitigation policy in OxIS and OP2050
- Tree planting opportunity tool



Greenhouse gas report 2019/2020



What is included in the GHG report



Scope 1 – direct emissions from fuel use on corporate buildings, fleet, and schools

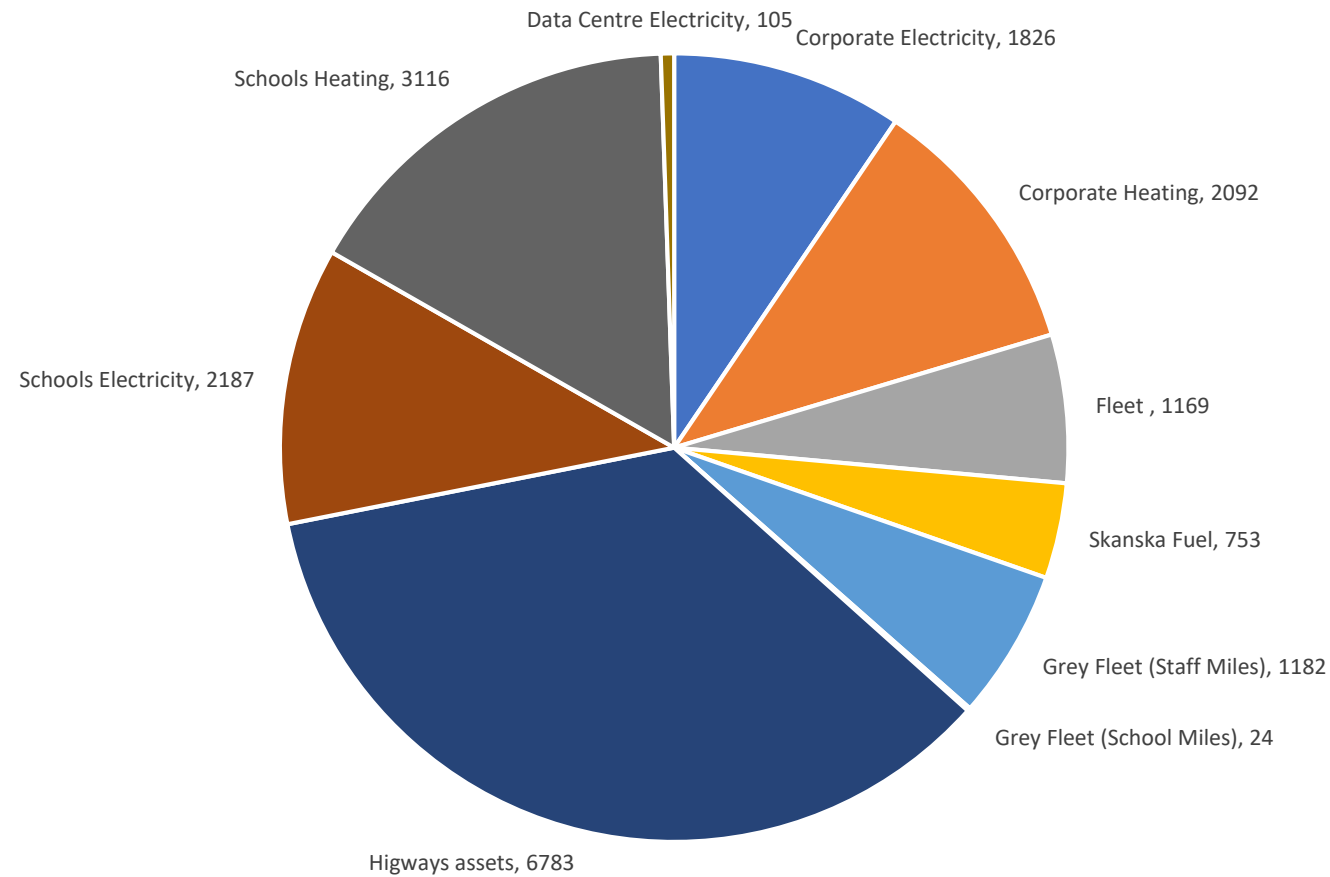
Scope 2 – indirect emissions from generation of purchased electricity

Scope 3 – indirect emissions from purchased goods and services, business travel, electricity transmission and distribution losses



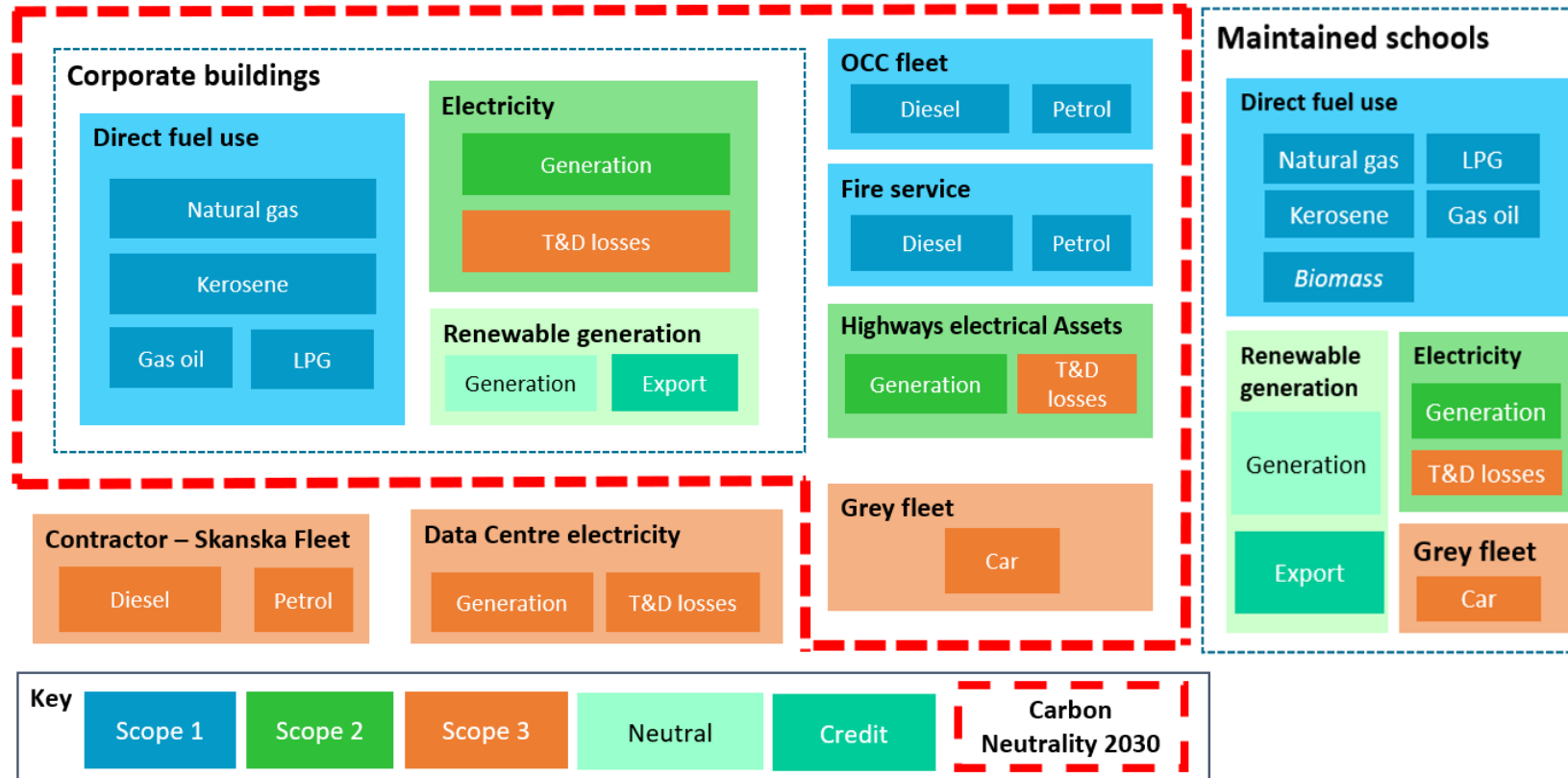
GHG emissions 2019/20

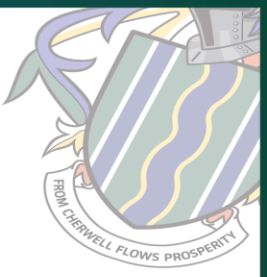
19,164 tonnes CO₂e (12.1% reduction from 2018/19)





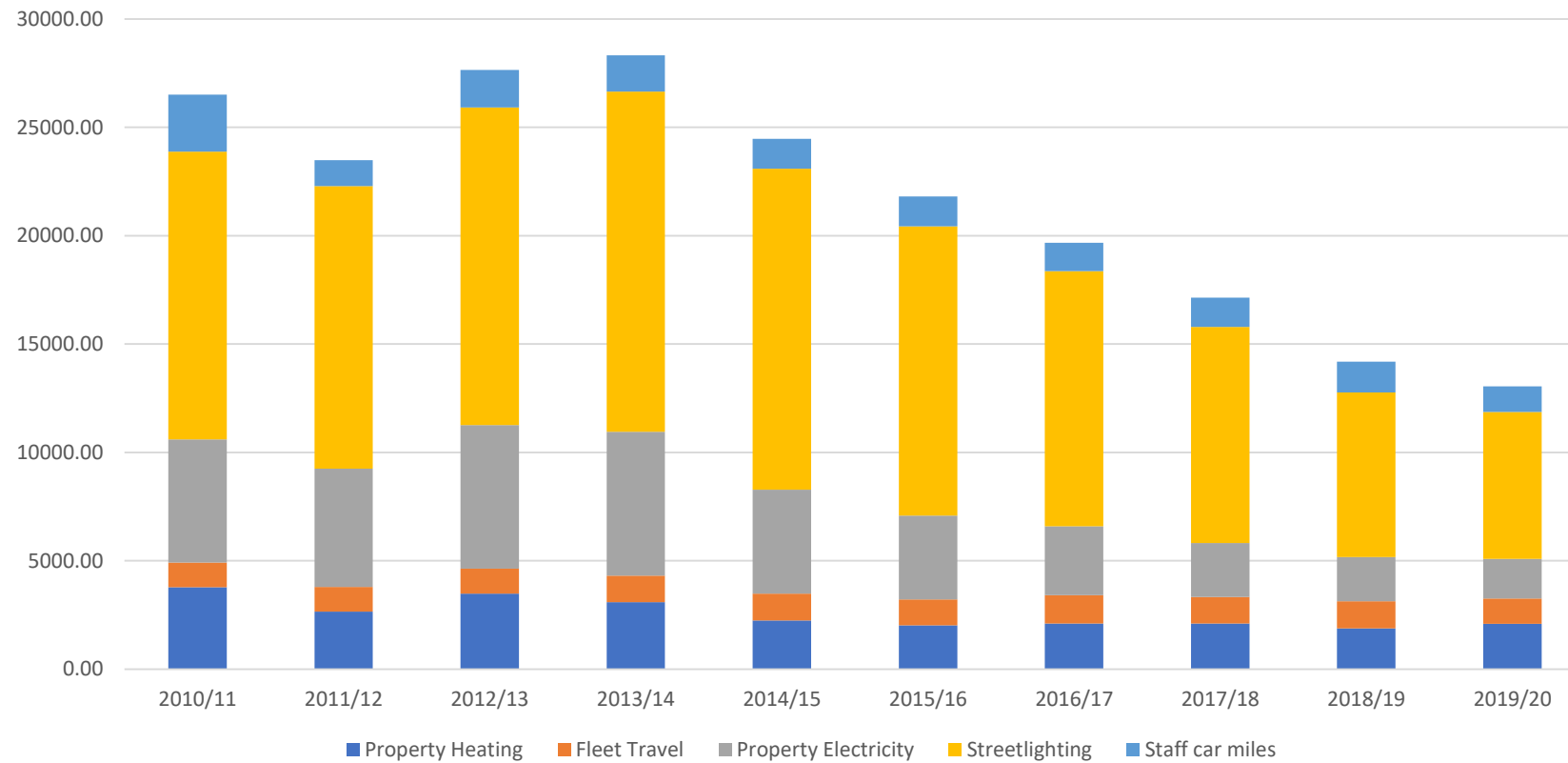
What is included our 'carbon neutral by 2030' target





Carbon Neutrality performance

13,047 tonnes CO₂e (8% reduction from 2018/19)





Energy efficiency measures and carbon reduction projects 2019-20

- 2,827 street lighting lanterns replaced with LEDs
- New energy efficient boilers were installed
- A heating control project at Speedwell House
- 42 PV panels with a 12.81kWp were installed in Ron Groves House
- 34 EV charging Points installed across 17 buildings
- 16 Electric vehicles (EV) were added to the fleet bringing a total of EVs to 21

