

Pursuing a zero carbon Oxford

Tom Garrood

Sustainable City Engagement Officer



OXFORD CITIZENS ASSEMBLY ON CLIMATE CHANGE



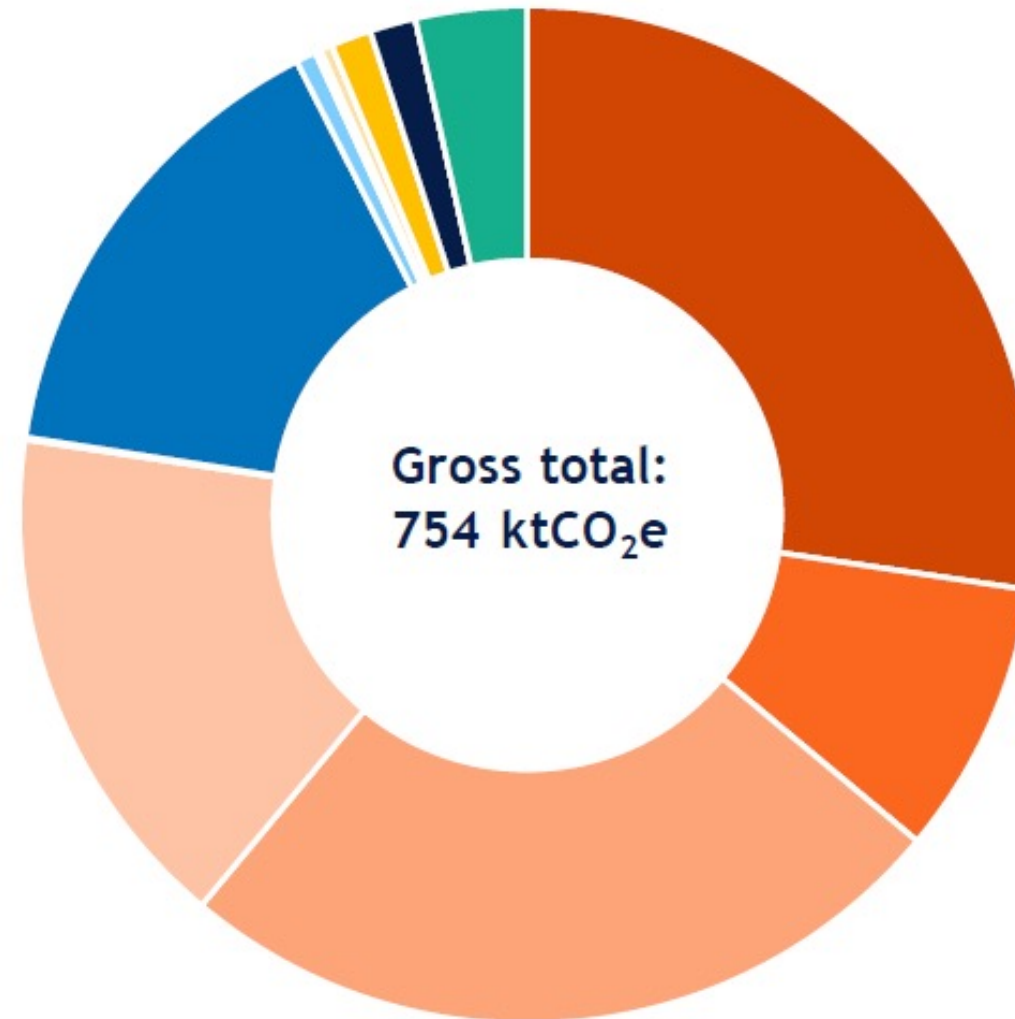
Zero Carbon Council by 2030

- Carbon Management Plan
- Renewables installation
- Fleet decarbonisation – 25% by 2023
- Purchasing of green electricity, gas and offsetting
- Retrofitting housing stock
- Decarbonisation at key sites



Net Zero City

- Residential buildings (27%)
- Commercial buildings & facilities (9%)
- Institutional buildings & facilities (25%)
- Industrial buildings & facilities (16%)
- On-road (15%)
- Rail (1%)
- Off-road (<1%)
- Solid waste disposal (<1%)
- Wastewater (1%)
- Industrial process (1%)
- Industrial product use (<1%)
- Livestock (4%)



Oxford's emissions profile



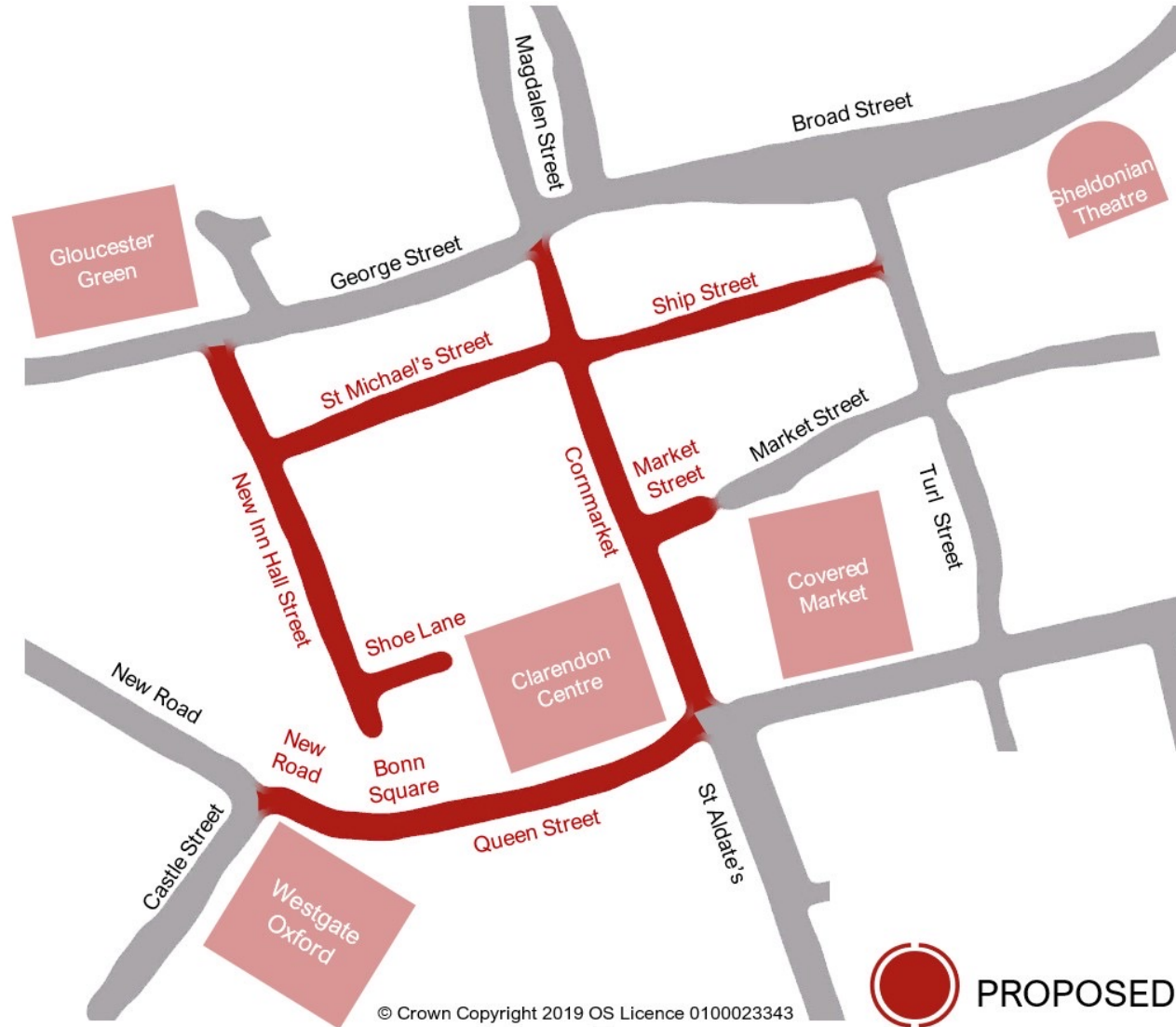
Zero Carbon Oxford Summit & Partnership



- 20 organisations including universities, hospitals, councils and large businesses.
- Agreed 2040 net zero target for the city
- Zero Carbon Oxford Partnership launched
- Roadmap and Action Plan



Zero Emissions Zone



© Crown Copyright 2019 OS Licence 0100023343



PROPOSED ZEZ PILOT



Energy Superhub Oxford



Go Ultra Low Oxford





“Project Local Energy Oxfordshire (LEO) is one of the most ambitious, wide-ranging, innovative, and holistic smart grid trials ever conducted in the UK.”

“LEO will improve our understanding of how opportunities can be maximised and unlocked from the transition to a smarter, flexible electricity system and how households, businesses and communities can realise its benefits.”



Tom Garrood

Sustainable City Engagement Officer

tgarrood@oxford.gov.uk