

Making Net Zero a District Priority



Mark Cassidy

Chief Officer Planning & Climate Change

Planning and Climate Change Service

Chief Officer - Planning and Climate Change:

Planning and Housing Strategy

Planning Policy Team

Housing Strategy Team

Heritage and Design Team

Climate Change Policy Hub

Consultation & Engagement Team

Planning Systems Team

Energy & Sustainability Team

Development Management

Planning Enforcement Team

Planning Applications Team

Building Control Team

Technical Team



CLIMATE
JUSTICE
NOW

FRACK
OFF

ACT
NOW

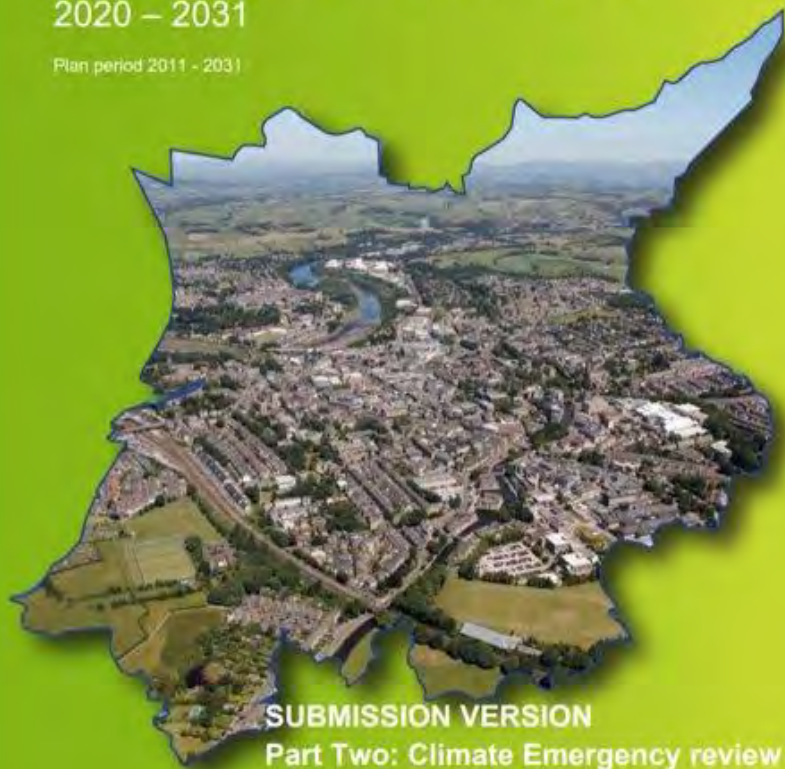
SD_02.1
TRACK CHANGE VERSION

A Local Plan for

Lancaster District

2020 – 2031

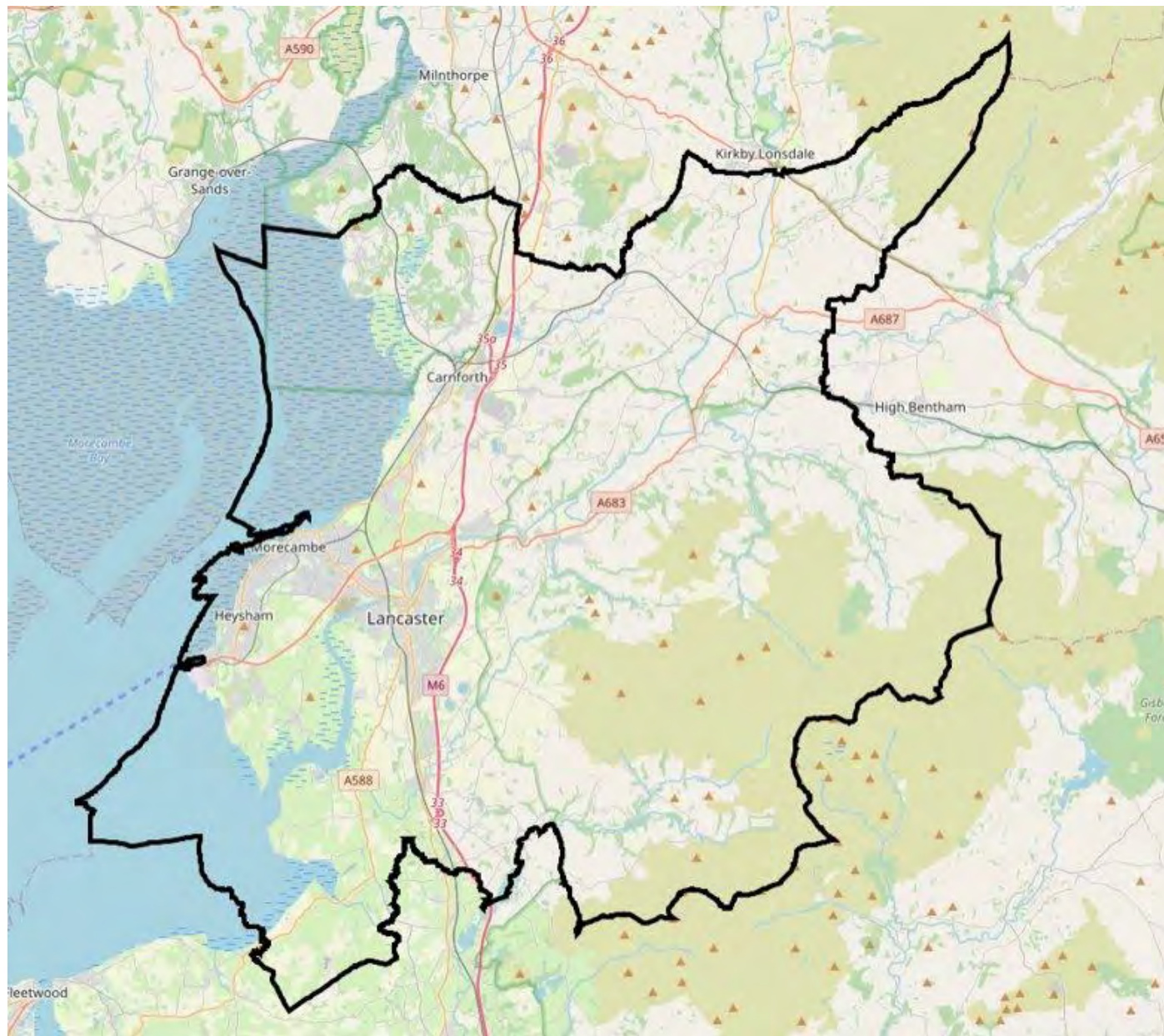
Plan period 2011 - 2031



SUBMISSION VERSION
Part Two: Climate Emergency review of
the Development Management
Development Plan Document
[March 2022] – Single Track Change Version

Shaping
a better future

LANCASTER
CITY COUNCIL
Planning, Regeneration & Transport





and solve it thank you very much he's
agreed to meet Lancaster



are some councils around the country who
agree with me in theory



Lobbying in Westminster



demand better I've come to an estate in Lancaster to see the kind of new

Courtesy:
Channel 4, The
Great Climate
Fight, 2023

**LANCASTER
CITY COUNCIL**

Promoting City, Coast & Countryside

**LOCAL
AREA
ENERGY
PLAN**

CATAPULT
Energy Systems

Lancaster District

Local Area Energy Plan

October 2024

Plan on a Page

Scale for quantity of low carbon measures



Renewable generation deployment (wind, solar, hydro) is a key decision point for Lancaster District, including determining locations and quantities of technology.

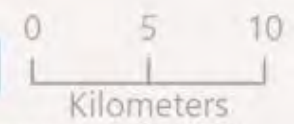
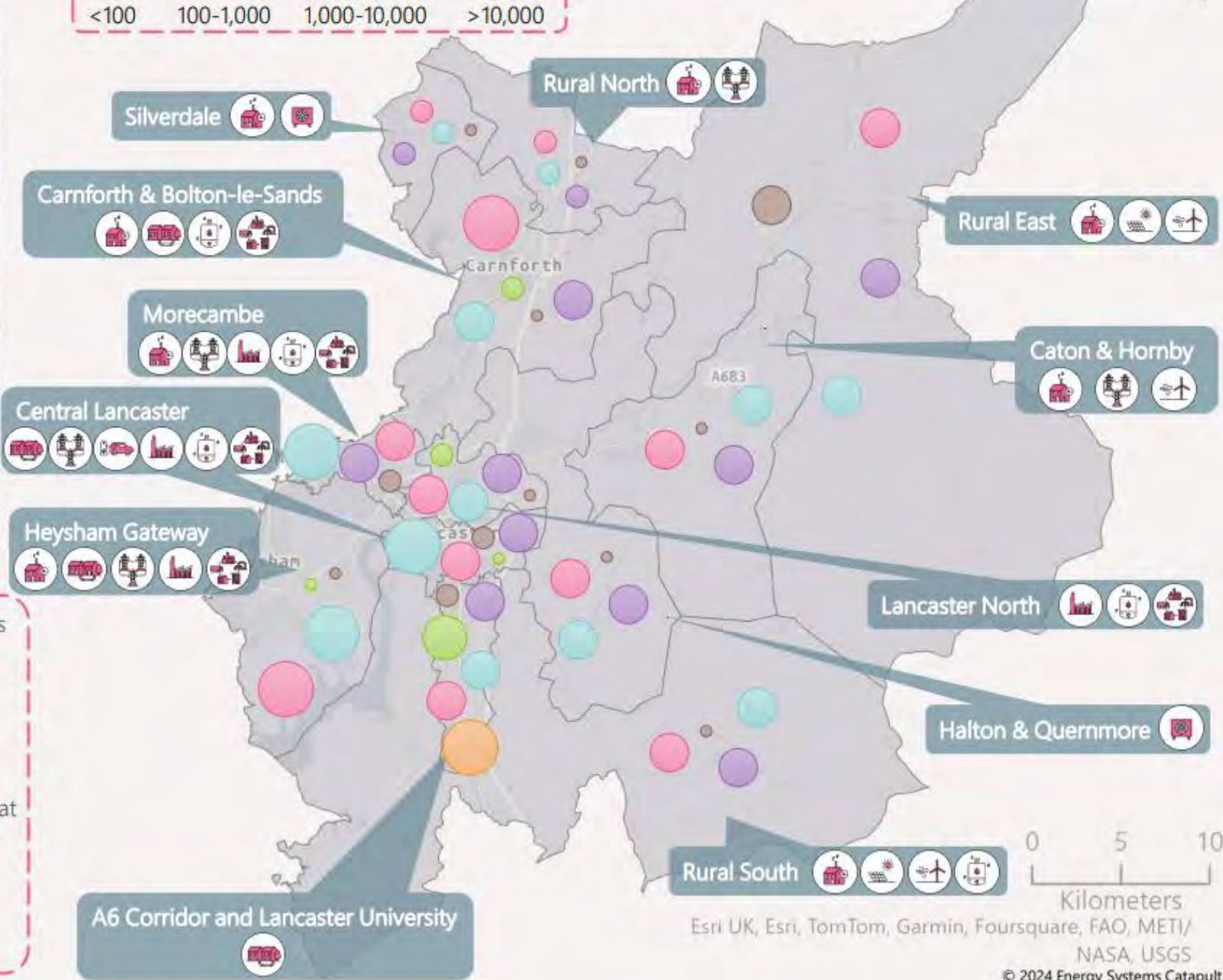


Focus Zones

- Domestic fabric upgrades
- District heat networks
- Public EV Charging
- Rooftop solar PV
- Ground mount solar
- Onshore wind
- Heat pumps
- Network Upgrades
- Non-domestic buildings
- Fuel poverty
- Clean gas opportunity area

Recommended Quantities of Low Carbon Measures

- Domestic fabric upgrades
- Domestic heat pumps
- Domestic district heat networks connections
- Non-domestic district heat networks floor area (m²)
- Home EV chargers
- Public EV chargers



Esri UK, Esri, TomTom, Garmin, Foursquare, FAO, METI/ NASA, USGS



LOCAL CLIMATE ENGAGEMENT



involve

UK:100

democratic society

Shared Future

CLIMATE outreach

2030
**CARBON
ZERO+**

**LANCASTER
CITY COUNCIL**
Promoting City, Coast & Countryside

Salt Ayre Leisure Centre



2030
**CARBON
ZERO+**

**LANCASTER
CITY COUNCIL**
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Lancaster City Council tCO2e Emissions: 01/04/21 - 30/09/23

Projections

About

Triggering

| Gas | Fleet | Staff Travel | Electricity | Pool Cars | Staff Commute | Taxis | Council Housing | Water Sply | Water Treat. | Renewables | Total |
|-----------|-----------|--------------|-------------|-----------|---------------|----------|-----------------|------------|--------------|------------|--------|
| 2,281.487 | 3,198.670 | 25.71 | 1,617.358 | 15.85 | 1,203 | 3,383.93 | | 97.18 | 168.53 | -2 | 12,088 |

Overview

tCO2e

Mileage

kWh

Cost

2018-2019

2019-2020

2020-2021

2021-2022

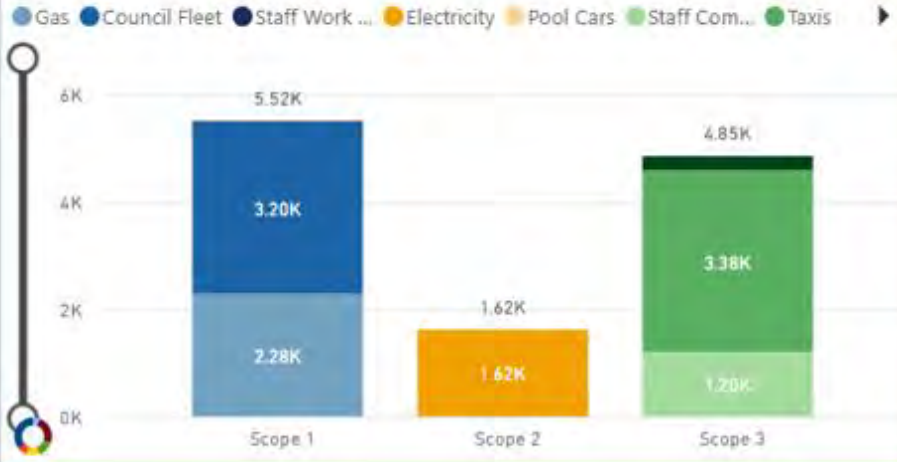
Scope 1

Scope 2

Scope 3

- EXT Activ
- LCC Activ
- Pool Car (Elec)
- Pool Car (ICE)
- Pool Car (Public)
- Staff Work Travel

Total by Emission Source and Scope



Total by Emission Source and Time

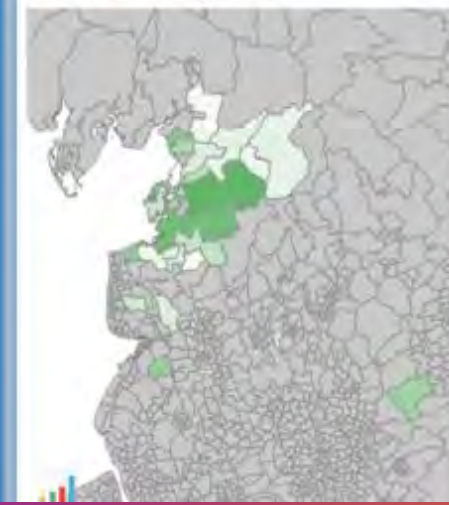


| | | | |
|-----------|----|---|-------|
| More... | 11 | 5 | 16.56 |
| White... | 1 | | 9.59 |
| Healt... | 4 | | 5.01 |
| Palati... | 3 | | 4.53 |
| Lanca... | | | 2.40 |
| (Blank) | | | 2.25 |
| Salt A... | | | 2.24 |
| AONB | | | 1.47 |

| All | Gas | Electricity | Total | % | Change Prev. Yrs | DEC/EPC |
|---|--------------|--------------|--------------|--------------|------------------|---------|
| Lancaster (Central) Housing Estate | 580 | 6 | 285 | 7.3 | -13.2 | |
| Hala Housing Estate | 443 | 5 | 268 | 6.9 | -10.2 | |
| Quernmore Road - Williamson Park | 383 | 49 | 250 | 6.4 | -10.2 | |
| Doris Henderson Way - Salt Ayre Sports Centre | 308 | 635 | 1,343 | 28.1 | -10.2 | E |
| Meeting House Lane - The Storey | 241 | 76 | 265 | 6.8 | -28 | D |
| Kingsway Housing Estate | 149 | 2 | 171 | 4.4 | -4.7 | |
| Westgate Housing Estate | 110 | 10 | 170 | 4.4 | -34 | |
| Dalton Square - Lancaster Town Hall | 108 | 70 | 228 | 5.8 | -19.7 | A |
| Greaves Housing Estate | 103 | 2 | 156 | 4.0 | -31 | |
| White Lund Road - White Lund Depot | 97 | 49 | 146 | 3.7 | -4.3 | |
| Marine Road Central - Old Station Building | 83 | 5 | 88 | 2.3 | -10.2 | B |
| Dalton Square - Palatine Hall | 78 | 10 | 86 | 2.3 | -4.7 | C |
| Dalton Square - 4-6 - Citylab | 53 | 32 | 85 | 2.2 | -21.2 | C |
| Owen Road - Ryelands Park | 48 | 3 | 51 | 1.3 | -18.6 | |
| Market Square - City Museum | 24 | 10 | 35 | 0.9 | -4 | C |
| Total | 2,281 | 1,617 | 3,899 | 100.0 | -847.9 | |

| Vehicle Type | Department | Miles | Litres | tCO2e | % | Change Prev. Yrs |
|---------------|------------------------|----------|--------|-------|------|------------------|
| Ref Collector | Public Realm Cleansing | 395,903K | 555K | 1,390 | 46.8 | 33.0 |
| Van | Bulky Matters | 5,002K | 97K | 531 | 16.6 | 38 |
| Rcv | Cleansing | 39,199K | 94K | 254 | 7.9 | 54.5 |
| Sweeper | Cleansing | 45,228K | 86K | 232 | 7.2 | 80.3 |
| Tipper | Cleansing | 27,585K | 38K | 101 | 3.2 | 11.0 |
| Pick Up | Grounds Maintenance | 25,939K | 19K | 51 | 1.6 | 18.9 |
| Ride On Mower | Grounds Maintenance | 70K | 19K | 50 | 1.6 | 5.5 |
| Tractor | Grounds Maintenance | 1,094K | 17K | 45 | 1.4 | 0.9 |
| Caged Tipper | Public Realm Cleansing | 38,518K | 15K | 42 | 1.3 | 13.3 |
| Emergency Key | Grounds Maintenance | 4,763K | 11K | 29 | 0.9 | 14.7 |
| Jcb | Business Support | 9,851K | 5K | 13 | 0.4 | 1.3 |
| Mower | Grounds Maintenance | 433K | 4K | 11 | 0.3 | 4.9 |
| 4 X 4 | Vmu | 553K | 2K | 4 | 0.1 | 1.1 |

Staff Commuting tCO2e



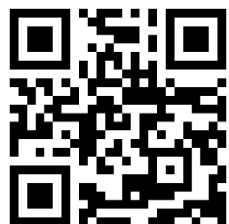
Lancaster City Council is top nationwide for tackling climate change

APSE award for Salt Ayre energy efficiency project

City council strikes gold at national award ceremony



Grand Designs presenter Kevin McCloud visits Lancaster to film new climate change TV show



Planning and Climate Change Service
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<https://www.lancaster.gov.uk/>