

# CERP 2 and 3

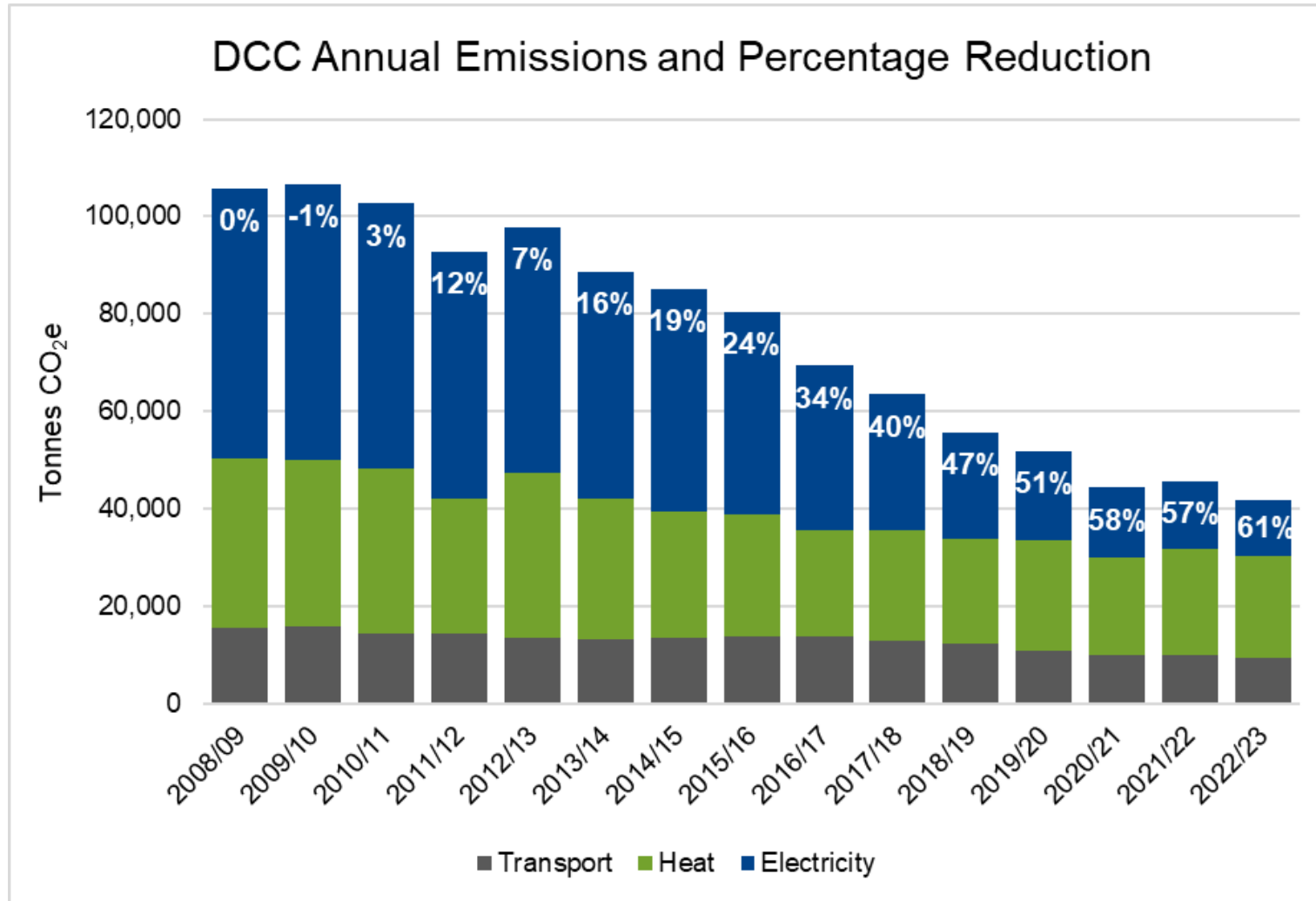
Stephen McDonald  
Net Zero manager



# Our commitments

Where we are now in 2024	Laying foundations Actions for 2030	County Durham's Aims for 2045
<p><b>Durham County Council emissions down by 61% from 2008/09.</b></p> <p><b>Countywide carbon emissions down by 54% from 1990.</b></p>	<p><b>Council emissions to be reduced by 80% from 2008/09 levels and net zero overall.</b></p> <p><b>County Durham emissions to be reduced or offset by 80% from 1990 levels.</b></p>	<p><b>Carbon Neutral County</b></p> <p><b>All carbon emissions from the council and the whole of County Durham to be stopped or offset by 2045.</b></p>

# Council Emissions



# Targets

Year	Total Footprint Tonnes CO <sub>2</sub> e per year	% Reduced From 2008/09
2008/09	<b>105,769</b>	
2020/21	44,319	58%
2021/22	45,704	57%
2022/23	<b>41,773</b>	<b>61%</b>
2024/25	31,401	70%
2029/30	21,610	80%

## Achieving the Targets

The overall target is to reduce the Council's carbon emissions by 80% from 2008/09 levels by 2030 as well as achieving Net Zero by that same year.



# Our worst performers

Rank	Site	Improvements
1	County Hall	To be decommissioned
2	Louisa Centre	New gas boiler in 2021 (preventing decarbonisation funding bids) and 75kW of solar in 2022. BMS upgrade complete. More solar planned for 2024 through Solar Car Ports
3	Netpark - includes Plexus, Discovery & Explorer	Collection of buildings with various on site improvements including solar. Most consumption is by process operations by business tenants rather than DCC
4	Chester le Street Leisure Centre	Potential Low Carbon funding bid to assist with capital costs
5	Newton Aycliffe Leisure Centre	Current decarbonisation project. Heat pumps and solar. Completion 2023
6	Woodhouse Close Leisure Centre	To be decommissioned with new Leisure facility in design
7	Freeman's Quay Leisure Centre	Recent solar PV on roof. May be eligible for PSDS bid in future due to age of boiler. BMS upgrade complete
8	Spennymoor Leisure Centre	Multiple installations of solar. New gas boilers in 2020
9	Peterlee Leisure Centre	Current decarbonisation project. Heat pumps and solar. Complete 2023
10	Service Direct - Meadowfield	Existing solar. Currently being upgraded with heat pumps
11	Consett leisure centre	Fairly new building, shared with Academy. New LED lighting planned. Solar Car Ports also planned
12	Comeleon House	Solar farm adjacent. Recent heat pump installation. Planning for solar farm extension
13	Morrison Busty Depot	Total depot transformation into low carbon depot
14	Teesdale Leisure Centre	Current decarbonisation project. Heat pumps and solar. Completion 2023
15	Mountsett Crematorium	Recent solar on roof
16	Gala Theatre and Offices	Significant lighting (LED) improvements done and solar installation ongoing
17	Durham Crematorium	Solar PV recently added.
18	Crook Civic Centre	Recent boiler added for summer hot water, some LEDs and solar PV
19	Chilton Depot	Solar PV installed, more planned
20	Green Lane Council Offices	Solar PV on roof with potential to expand
21	Hackworth Road Depot	Small scale wind project being delivered



# Progress against actions 2022 – 2024: Council

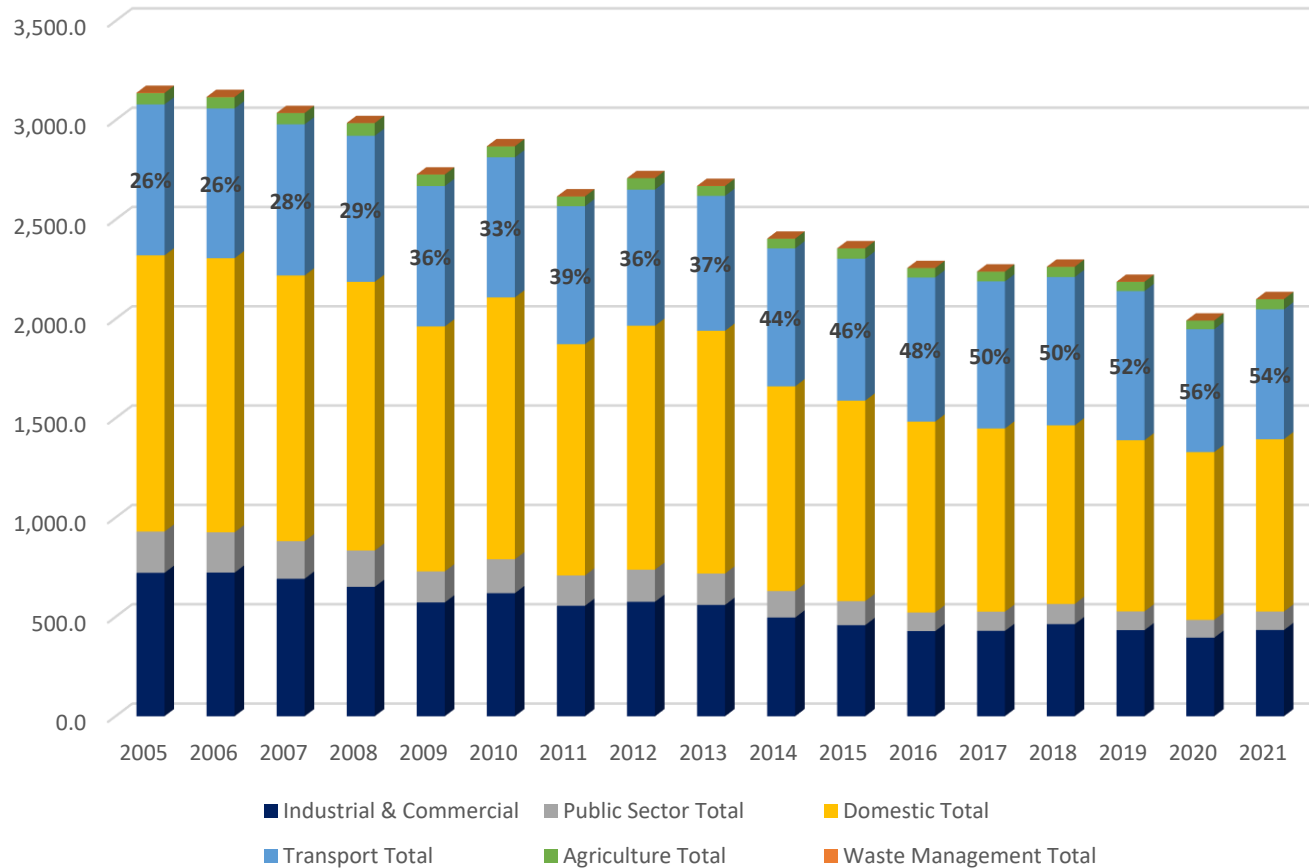
- LED Programme
- Street Lighting
- Further Solar PV installs
- Implementing better building management systems
- ASHP implementation at
  - Abbey LC
  - Peterlee LC
  - Newton Ayclife LC
  - Comeleon House
  - Meadowfield Depot
  - Teesdale LC
- Low Carbon Depot
- Innovation
  - Heating circulation additives
- Engagement Activities

<b>Actions with Delays</b>	6
<b>On Track</b>	19
<b>Complete</b>	4
<b>On Hold</b>	2
<b>In Design</b>	10



# Countywide emissions

Countywide emissions and percentage reduction



2020 (initial estimate)



# Progress against actions 2022 – 2024: County

- Horden Minewater development
- £4.135m secured for further EV Charge Points (following successful install of
- Kerbo trial
- The continuation of BEEP
- Food for the Planet campaign
- Engagement Activities
- LAD Green Homes Grants
- Supporting Social Housing Providers with decarbonisation plans
- ‘Borrow a bike’ schemes
- BEEP
- Food for the Planet
- Woodland Creation; Peatland Restoration
- Community Resilience plans and projects

<b>Actions with Delays</b>	10
<b>On Track</b>	85
<b>Complete</b>	15
<b>Significant Issues / On Hold</b>	3
<b>Closed</b>	2
<b>No Update</b>	3





# CERP 3

- Focus on three year period: 2024 – 2027
- Slightly amended thematic areas
- Devolution
- Scenario Planning
- Partner Engagement



# Conclusion

- So much has been done but so much still to do!
- Solar Car Ports
- More PV Generation
- First small scale wind application
- Geothermal
- SCOPE 3
- Maximising Funding
- Offsetting Strategy



# Further Information

- **CERP2 Document**

<https://www.durham.gov.uk/media/40220/Climate-Change-Strategy-and-Emergency-Response-Plan-2022-24/pdf/ClimateChangeStrategyAndEmergencyResponsePlan2022-24.pdf?m=637925305338470000>

- **Climate Change and Sustainability Intranet**

<https://www.durham.gov.uk/climatechange>

