



# Environment O&S Committee

## CERP 2 and 3 Annual Update

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Net Zero Manager



# Headlines – 2024/25

Mosquitoes found across Scotland as temperatures rise

Climate change: Deadly African heatwave 'impossible' without warming

3 hours ago



Climate

Climate 'whiplash' linked to raging LA fires



Coral bleaching: Fourth global mass stress episode underway - US scientists

1 day ago



Venezuela may be first nation to lose all its glaciers



Climate crisis: average world incomes to drop by nearly a fifth by 2050

Cost of environmental damage will be six times higher than price of limiting global heating to 2C, study finds



Climate change: World's oceans suffer from record-breaking year of heat

4 days ago



2024 first year to pass 1.5C global warming limit



Food security threatened by extreme flooding, farmers warn

6 days ago · Comments



# Our commitments

**2030 Council – Net Zero (80% actual reduction) from 2008/09 levels**

**2024 Council = 64% actual reduction from 2008/09 levels**

**= 16% reduction to achieve in 5 years**

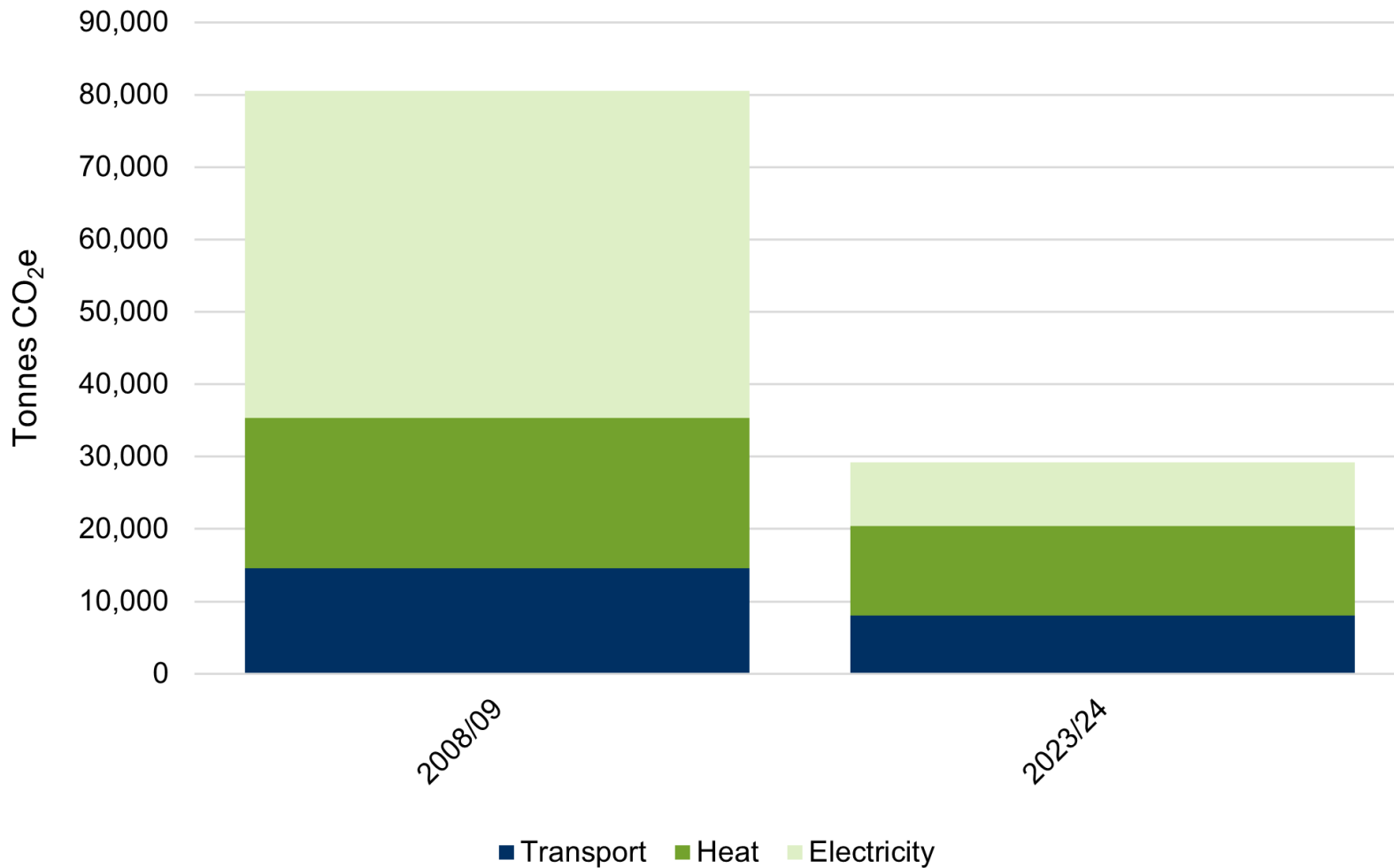
**2045 County – Net Zero County**

**2022 County = 57% actual reduction from 1990 levels**



# Council Footprint - (Paragraph 18)

Changes since 2008/09 and emissions source



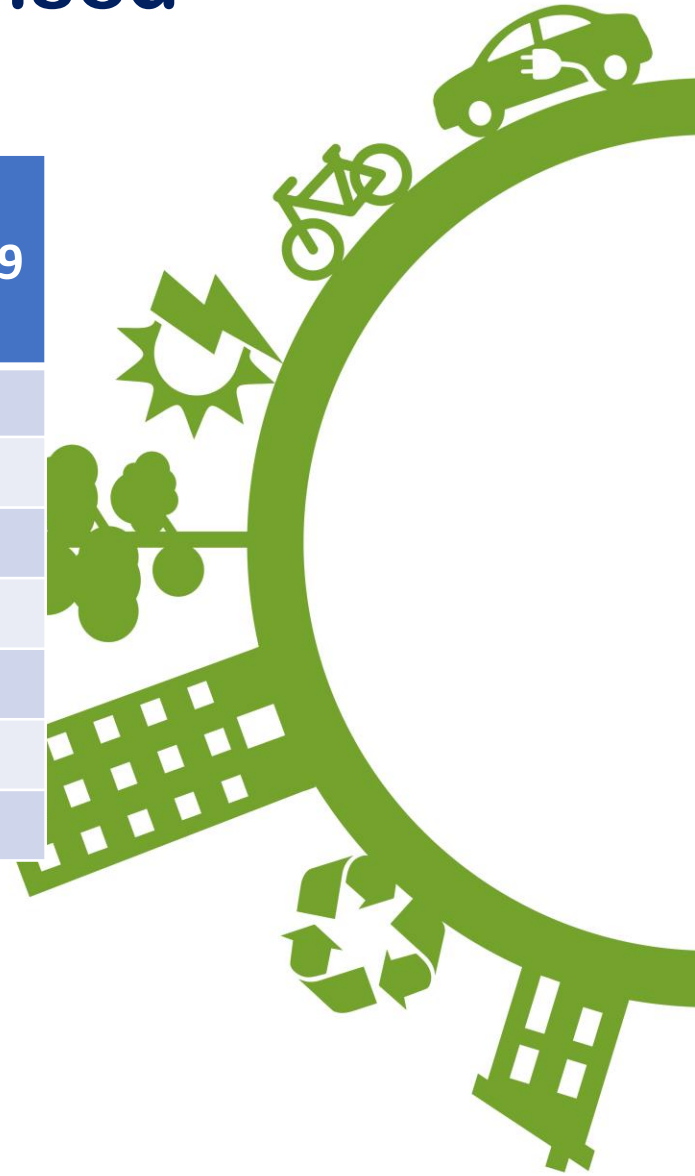
# Council Footprint – Old Footprint and Revised

(paragraph 62)

Year	Total Footprint Tonnes CO <sub>2</sub> e per year – Original	% Reduced From 2008/09	Footprint following re-baselining	% Reduced From 2008/09
2008/09	<b>105,769</b>		<b>80,523</b>	
2020/21	44,319	58%		
2021/22	45,704	57%	32,972	59%
2022/23	41,773	61%	29,941	63%
2023/24			29,173	64%
<b>2024/25</b>	<b>31,401</b>	<b>70%</b>	<b>27,445</b>	<b>66%</b>
<b>2029/30</b>	<b>21,610</b>	<b>80%</b>	<b>16,104</b>	<b>80%</b>

What got taken out of the footprint:

- Academies



# Progress against actions 2022 – 2024: Council

## Ongoing and completed projects:

- LED Programme
- Street Lighting
- Solar PV and wind
- Implementing better building management systems
- Engagement Activities
- Transition to EV Fleet

## On site Fossil Fuel decarbonisation:

- Low Carbon Depot
- Abbey LC
- Peterlee LC
- Comeleon House
- Teesdale LC
  
- Newton Aycliffe LC
- Meadowfield Depot



# Case Study: Morrison Busty

## The project:

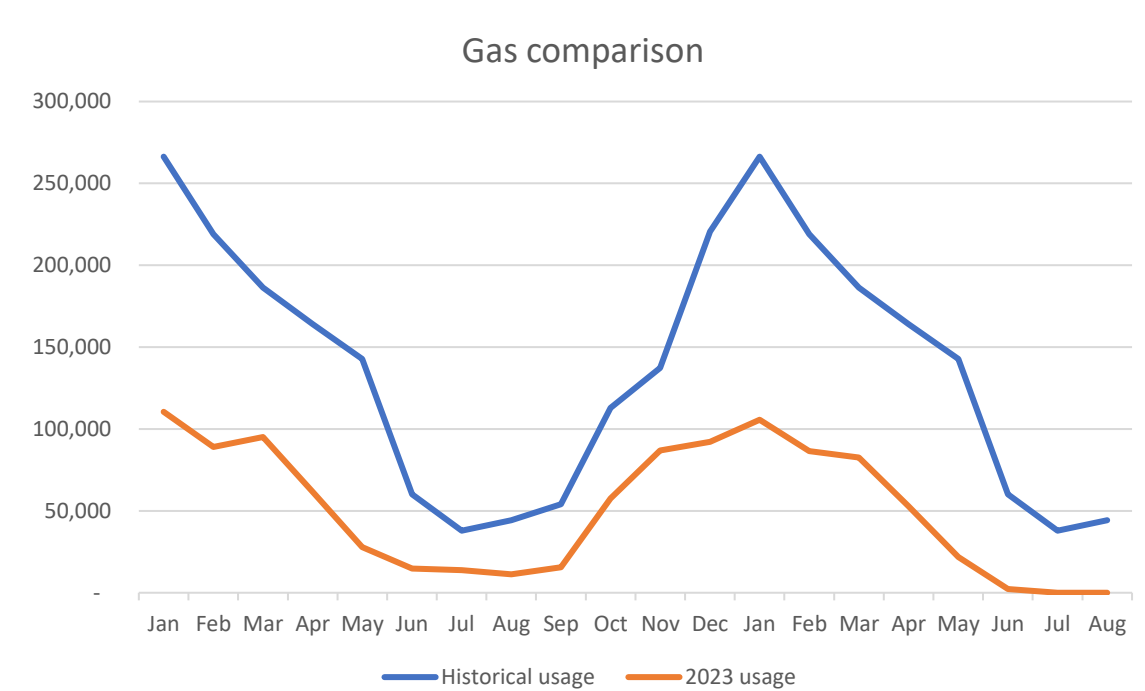
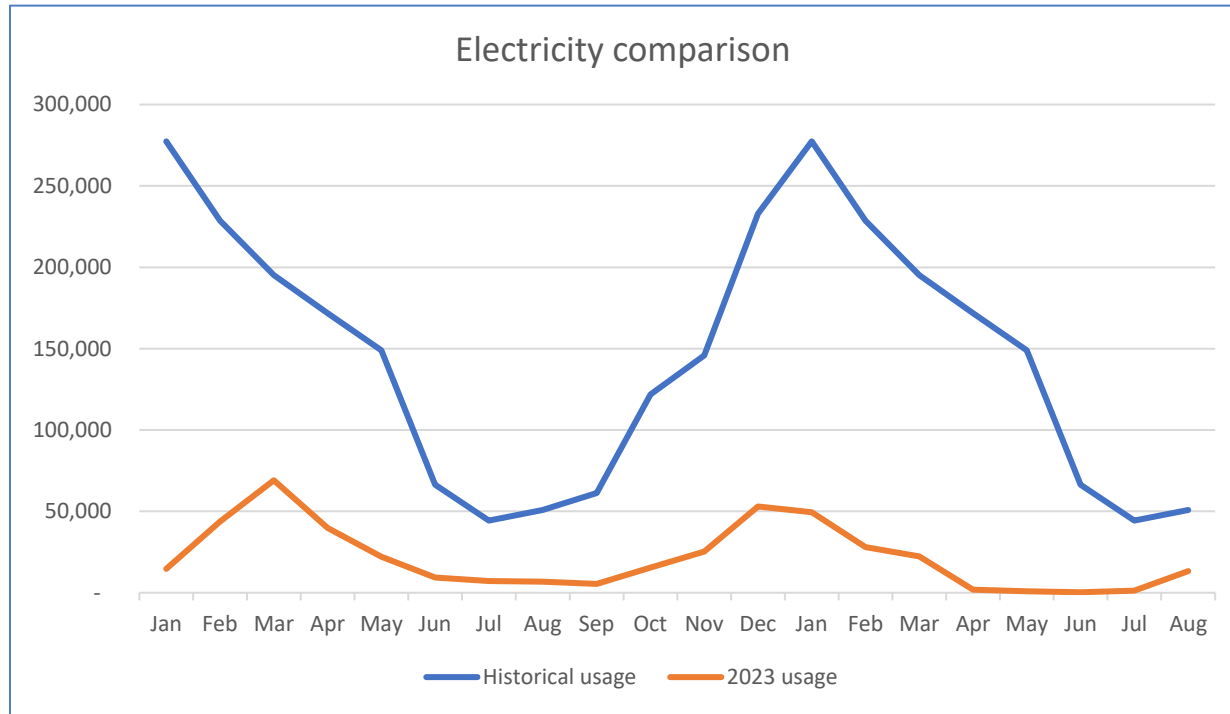
- 3.062MW Solar Farm
- 2MW Battery Storage
- Private Wire network
- ASHP and building fabric improvements
- 50KW and 7.5KW EV charging
- Decarbonisation of Depot by with full fleet electrification
- Avoid over 1,061,000 kg of CO<sub>2</sub> per year from 2023 increasing to over 2,002,000 kg as more EVs come on line

## Funding Sources:

- ERDF- £5,005,619
- DCC- £3,663,760

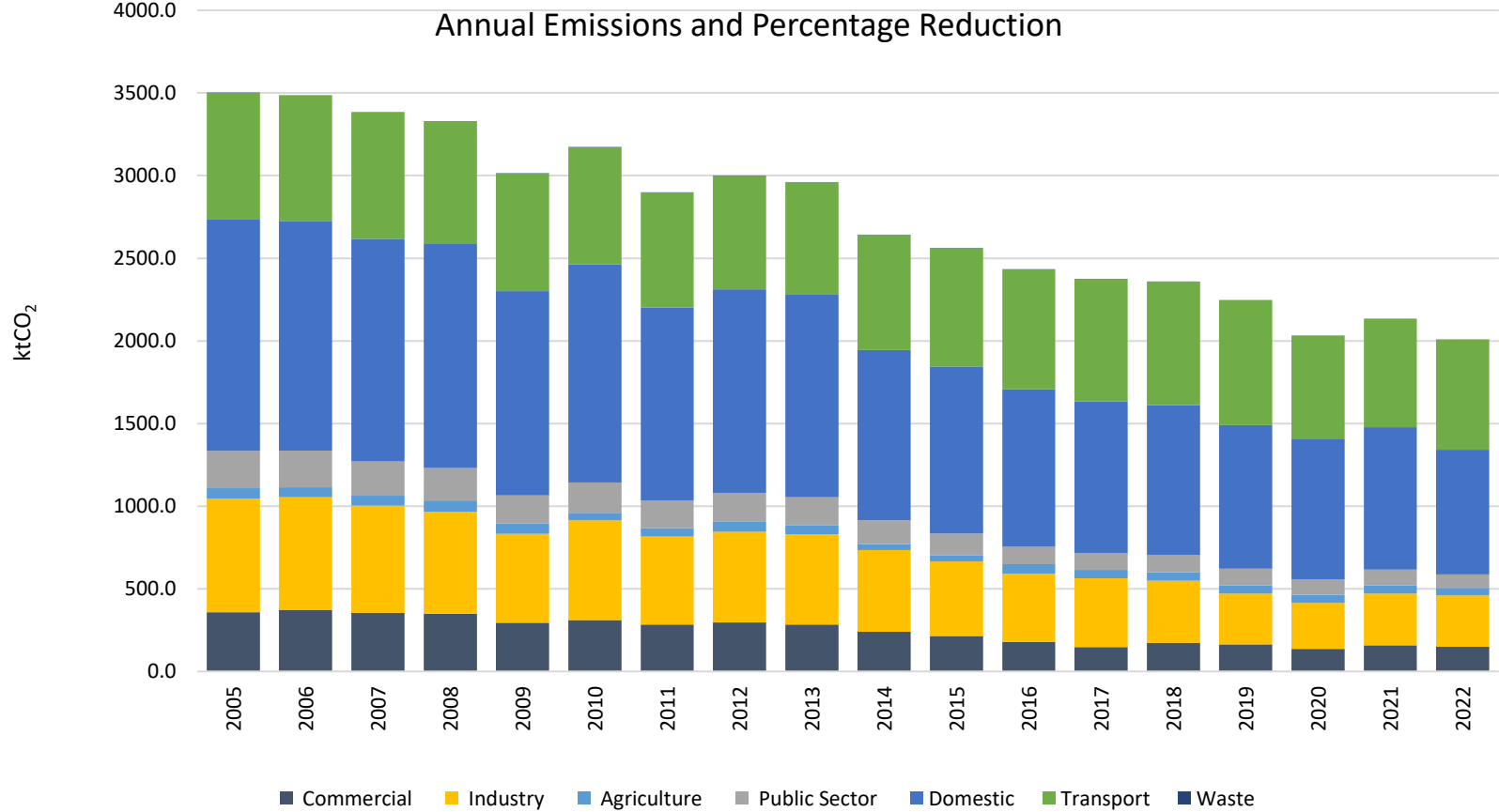


# Actuals 2023 -2024 (Paragraph 29)





# Countywide Footprint (Paragraph 35)



# Progress against actions 2022 – 2024: County

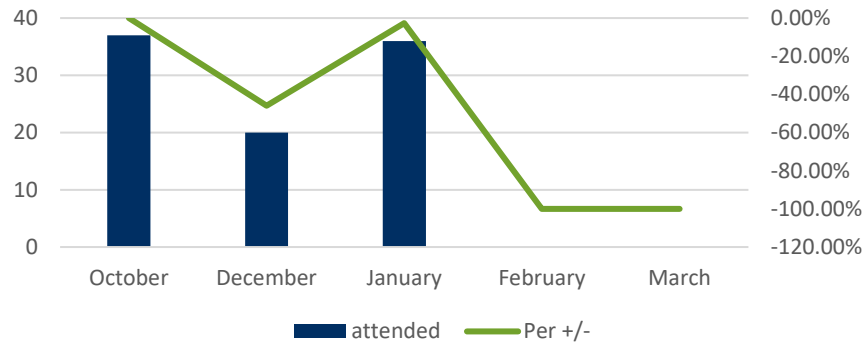
- Horden Minewater development
- £4.3m secured for further EV Charge Points
- The continuation of BEEP
- Food for the Planet campaign
- Engagement Activities
- Domestic schemes
- Supporting Social Housing Providers with decarbonisation plans
- 'Borrow a bike' schemes
- Woodland Creation; Peatland Restoration
- Community Resilience plans and projects



# Communication and Awareness

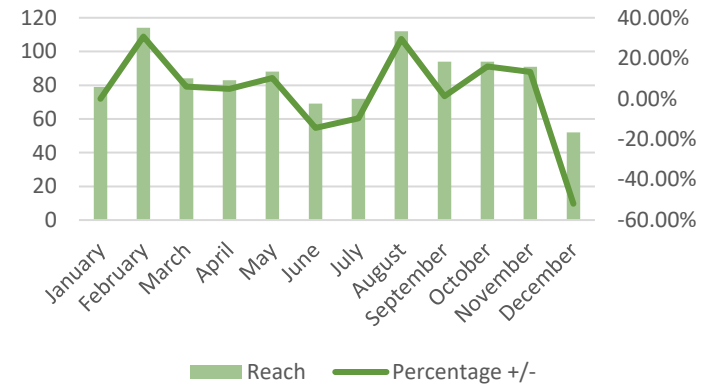
## Let's Talk About Sessions

Attendance Increase/Decrease per month



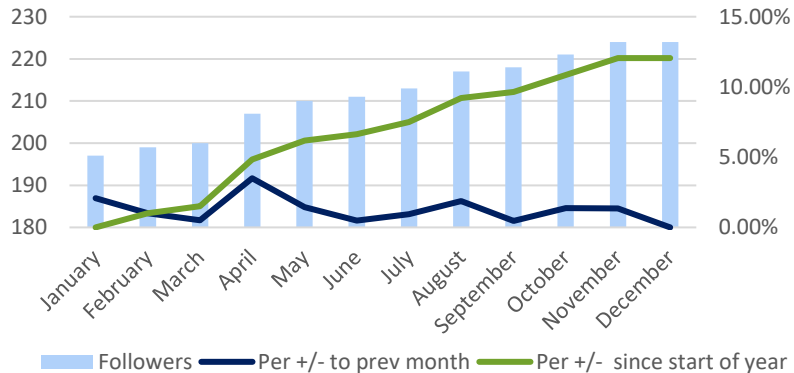
## Climate County Durham website

2024 User Report

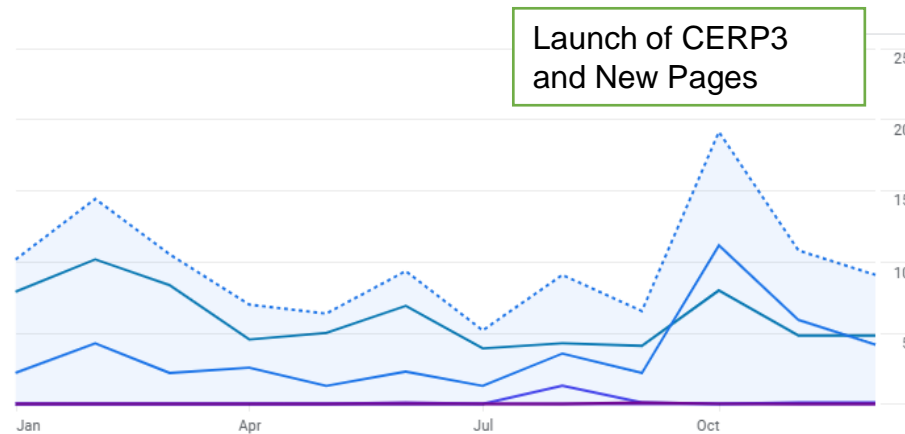


## Climate County Durham Facebook

Followers Count 2024



## New climate change pages



# CERP 2 Actions – Complete (Appendix 2/3)

Complete	Ongoing	Scrapped	No Response
25	108	13	9



# CERP 3 - Summary

232 actions are included across the following themes:

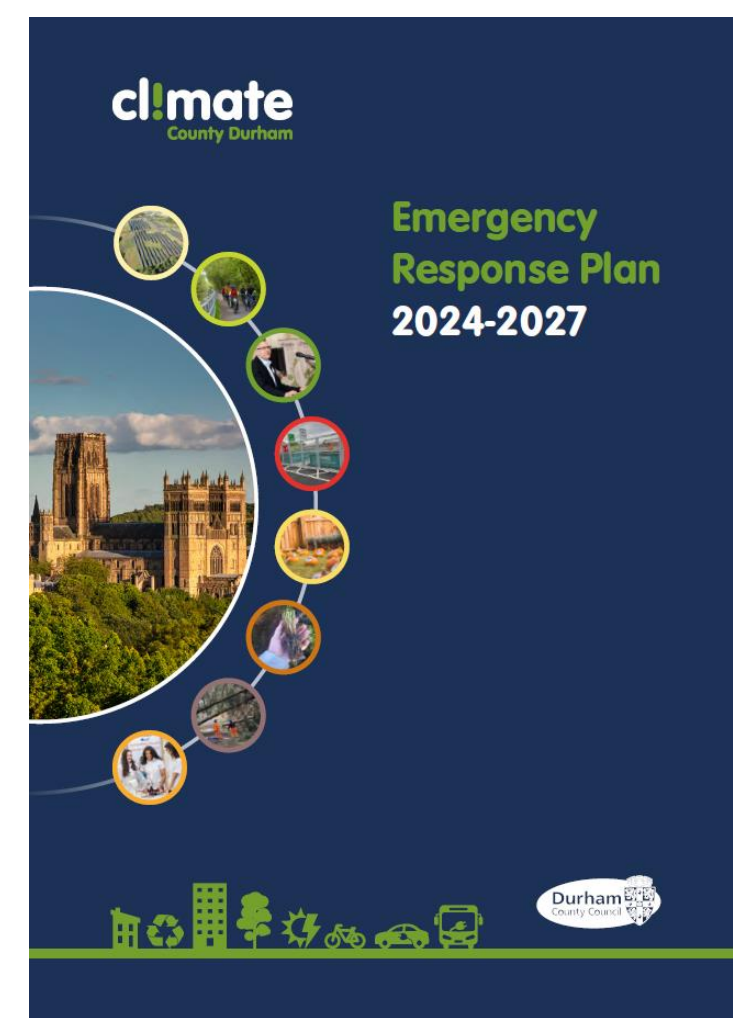
- Energy and Buildings
- Transport and Connectivity
- Business, Green Economy and Skills
- **Waste and Resources**
- Agriculture and Sustainable Food Production
- Natural Environment
- Adaptation
- Communication, Engagement and Education

Covers period 2024-27

Presented to Cabinet July 24

Opportunities through devolution investment plans.

**Targets are extremely challenging – tough decisions may lie ahead**



# Action Summary – (Appendix 4)

Theme	DCC Actions	Partner Actions	Total	On Track	Slightly Off Track	Significantly Off track	Complete
Energy and Buildings	34	18	<b>52</b>	38	12	1	6
Transport and Connectivity	46	3	<b>49</b>	31	7	2	9
Business, Green Economy and Skills	10	12	<b>22</b>	11	1	0	1
Waste and Resources	22	7	<b>29</b>	27	2	0	2
Agriculture and Sustainable Food	7	8	<b>15</b>	11	3	0	1
Natural Env	32	2	<b>34</b>	29	2	1	3
Adaptation	13	4	<b>17</b>	15	0	0	0
Engagement	14	6	<b>20</b>	17	1	0	0



# Other bits

IIE – Retained Green Accreditation

EV Team winning the Innovation and Change Category at the Staff Awards

**Best Carbon Reduction**

*Winner*



DURHAM COUNTY COUNCIL

ecotricity



awards

**Innovation and Change**



**Winner** ✨

**Electric Vehicle**

In 2023, the Ele  
£4.375m for the  
points at 250 si  
STEP model, d  
and cost. This  
better site s  
council. Th  
private

Thank you

