

An Holistic Approach to Climate Action in County Durham

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Principal Officer – Low Carbon Economy

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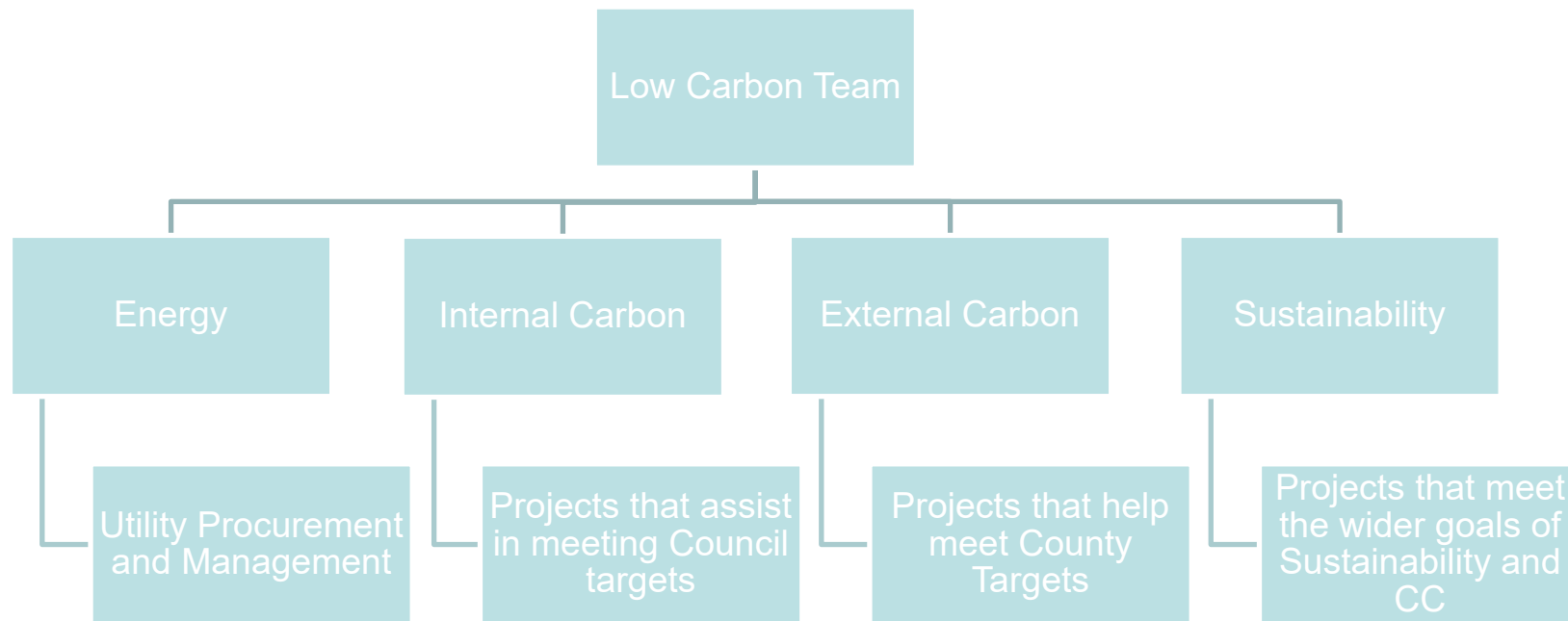
Content

- Background
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- Actions
 - Council Actions
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- Looking Ahead
- Corporate Environmental Statement

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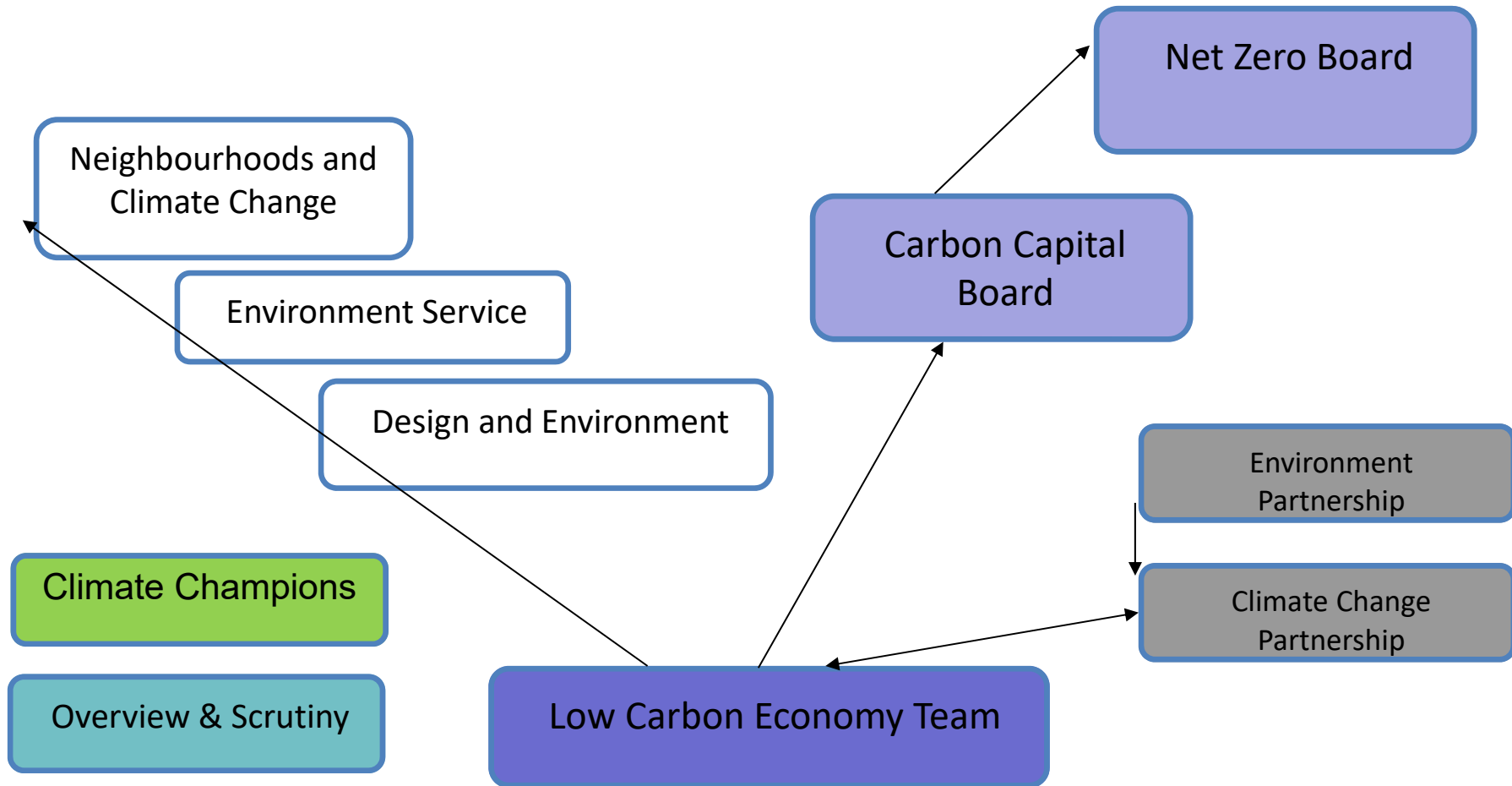
Team Structure



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Structure within the LA



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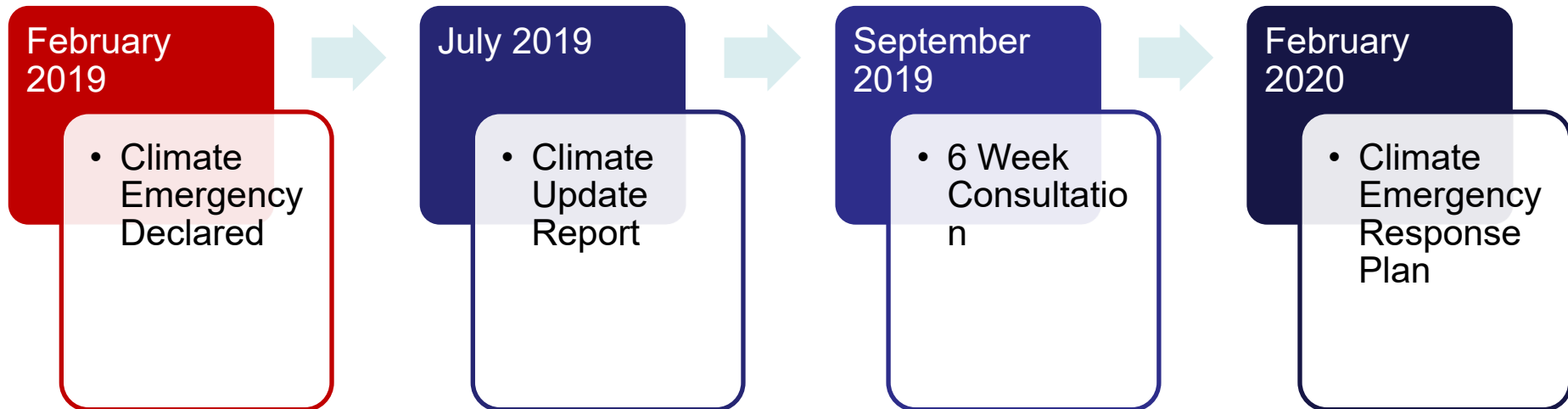
Climate Emergency

1. Reduce the Council's carbon emissions by 80% by 2030
2. Investigate what further actions are necessary to make County Durham completely carbon neutral by 2050 and pledge to achieve this.

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Climate Emergency Timeline



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Climate Consultation

- Political decision to consult
- 6 week consultation which included:
 - Public and staff online survey
 - Elected Member survey
 - Meetings and presentations
 - Tier 4 Managers
 - Area Action Partnership
 - Town and Parish Council's
 - Extinction Rebellion
 - Durham Road Block
 - Young persons engagement
 - Stakeholder engagement

Comms engagement – social media

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Council Emission Targets

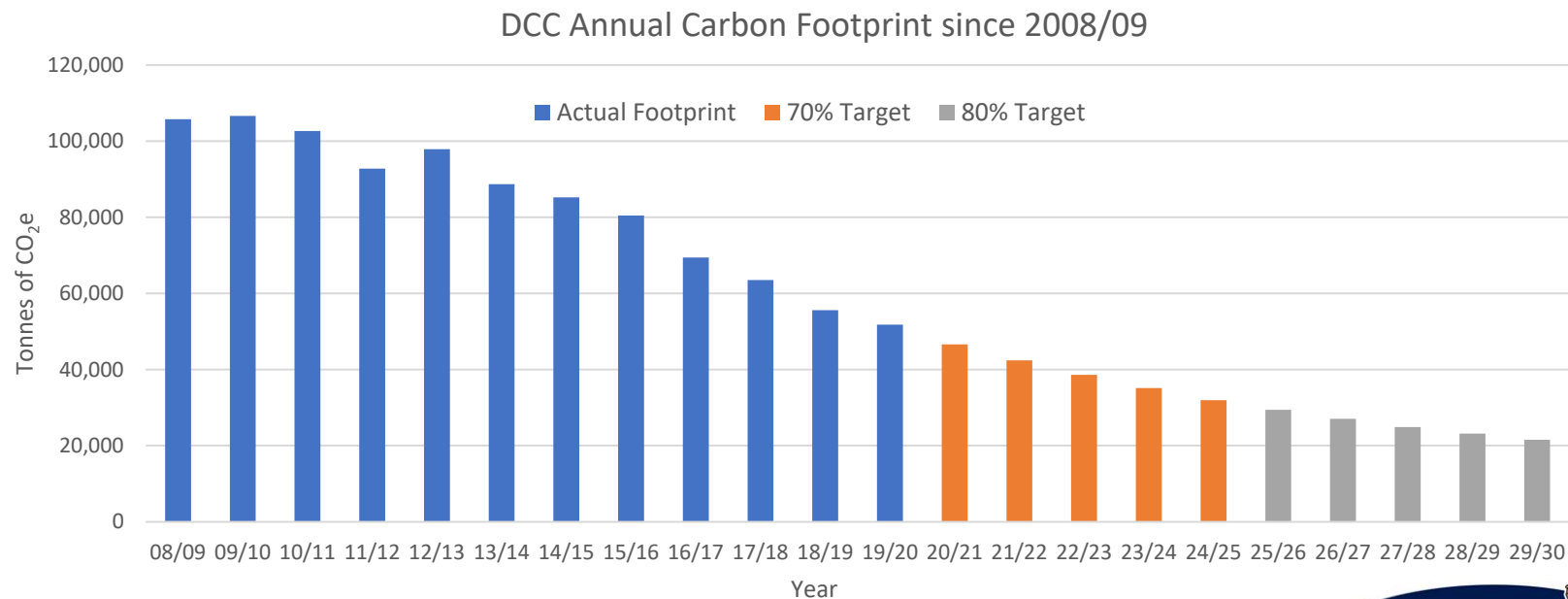
- CMP 2015-2020: target 45% from 2008/09
 - March 2020: 51% achieved
 - 2020-21: figures due in July 2021
- Climate Emergency Target
 - **80% by 2030**
- Expect to be on track this year

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Carbon Management Plan 2020-25

- Climate Emergency Target: 80% by 2030
- Carbon Management Plan Target: 70% by 2025



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Carbon Management Plan 2020-25

From the Climate Emergency Response Plan

Areas of focus:

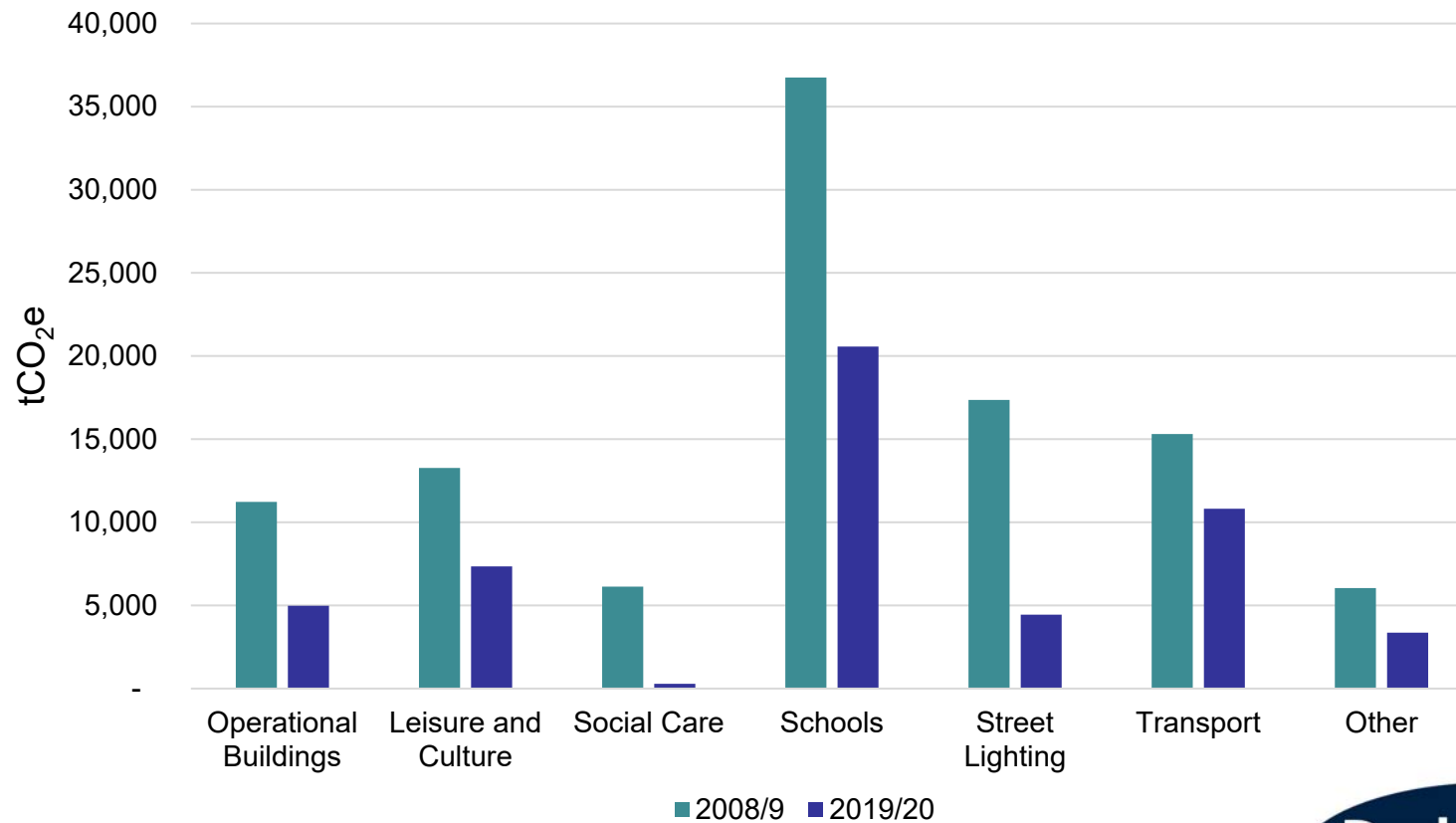
- Heat (44% of total footprint)
- Transport (21% of total footprint)
- Electricity (35% of total footprint)
- Schools (40% of total footprint)
- Monitoring and targeting

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Council Emission Reductions by Service Area

Change in Emissions by End Use



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2019-20 Progress – Council Actions

- All jobs now have a corporate responsibility to limit emissions
- New Neighbourhoods and Climate Change Directorate
- Capital funding commitment
- Climate Champions (staff and members)

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Projects Resulting

- Electricity

- More LED Lighting (buildings and Street lights)
- New PV

- Heat

- Seaham Garden Village Minewater District Heating
- Zero Carbon Depot (4MW Solar & 2MW Battery Storage)
- GSHP at Leisure Centre

- Transport

- Electric RCV trial, Remote working

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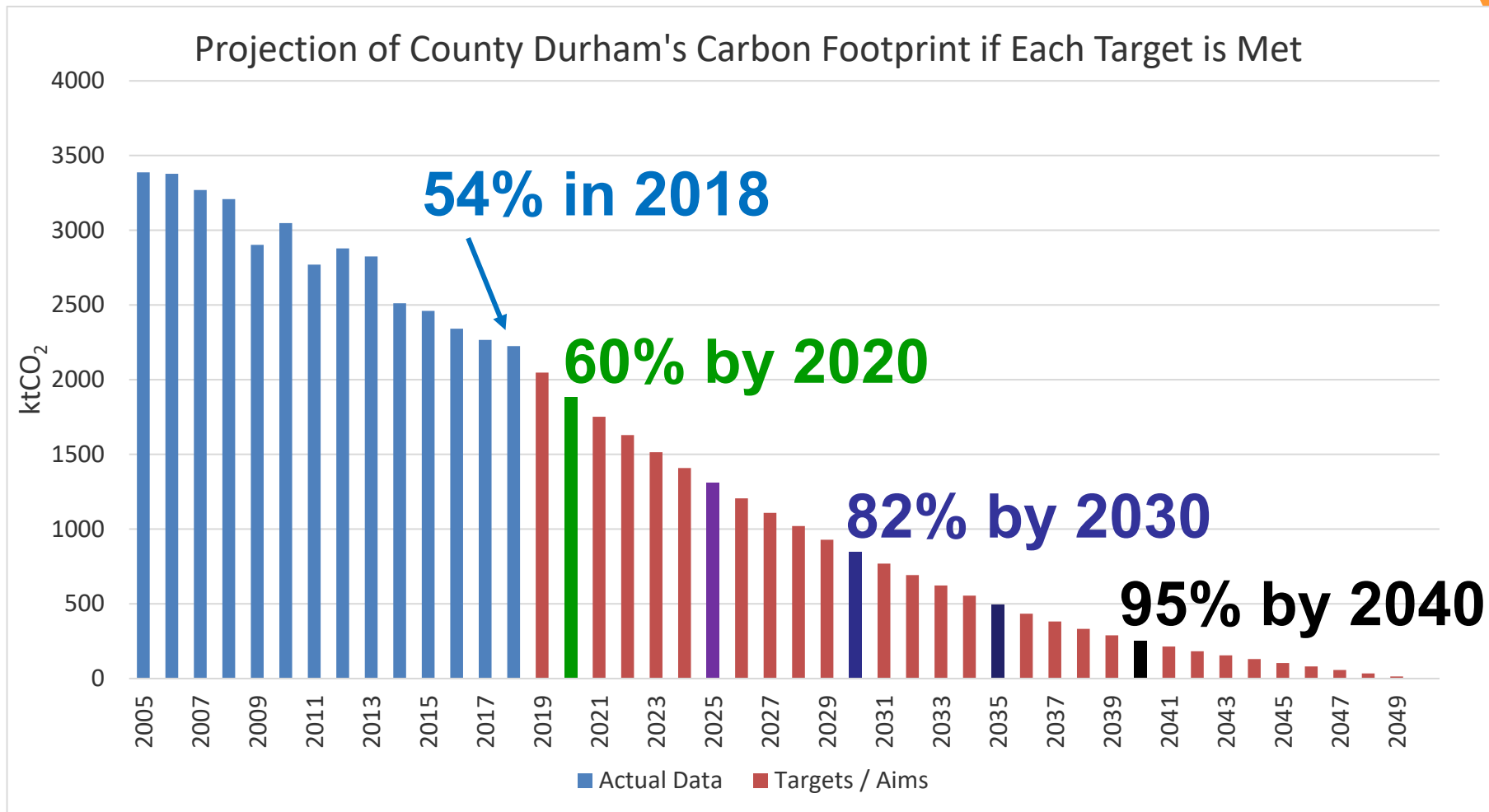
Looking Ahead – 2021 Council

- Electricity
 - More LED's, inc floodlights
- Heat
 - Rural Schools – Away from Oil
 - More Heat Pumps
- Transport
 - Park and Ride
 - Fleet renewal
- Low Carbon Leisure Transformation
- New Zero Carbon Buildings Policy

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Countywide Emissions Targets



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2019 Progress - Countywide

- Housing Regeneration
 - £2.5 million ERDF Solid Wall Insulation Innovation (SWii) project
 - £2 million Warm Homes Fund new off gas heating systems including 43 renewable systems
- Natural Environment
 - Woodland Revival Project (64ha of woodland planting)
 - Further peatland restoration through the AONB Partnership
- Transport
 - SOSCI – EV infrastructure project funded by Innovate UK rolling out charge points in rural areas
 - Cycling and Walking Delivery Plans

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2019 Progress – Countywide

- Communities
 - Civil Contingency Unit support with Emergency Plans
- Business
 - 241 SME's supported through BEEP, saving 1500t CO₂
- Heat
 - Support of potentially the first UK minewater DH scheme in Seaham
 - Detailed Business Case Development of Durham City District Heating potential
- Waste
 - Currently 44% of County Durham's waste is reused, recycled and composted
 - Success of the Single Use Plastic pledge

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Looking Ahead – 2021 Countywide

- New Website and Awareness Raising Activities
 - Community Tree Planting Programme
 - Community EV Charging points
 - Durham City Market Electric Points
 - Minewater feasibility at Hawthorn Pit
 - Further support for Peatland restoration
 - Blue Carbon – Oyster farm development
 - Borrow a Bike Scheme
 - Domestic External Wall Insulation Schemes
 - Electric Busses for the Park and Ride
 - Electric Vans ‘Try before you buy’ scheme
-
- CERP 2022 - 24



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