

Climate Emergency Response Plan Update

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Consultation

- 6 week consultation – September 2019
- 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 person's engagement
- Stakeholder engagement



Outcomes – Council Actions

- Staff Survey - 502 responses
- Important issue to staff
- What should the **Council** be doing? – **Top 3:**
 - Reduce the need for staff to travel
 - Maximise renewable energy generation
 - New buildings – very low or zero carbon
- Close 4th: Existing buildings – improve energy efficiency

Outcomes – Countywide Survey

Public survey - 523 responses

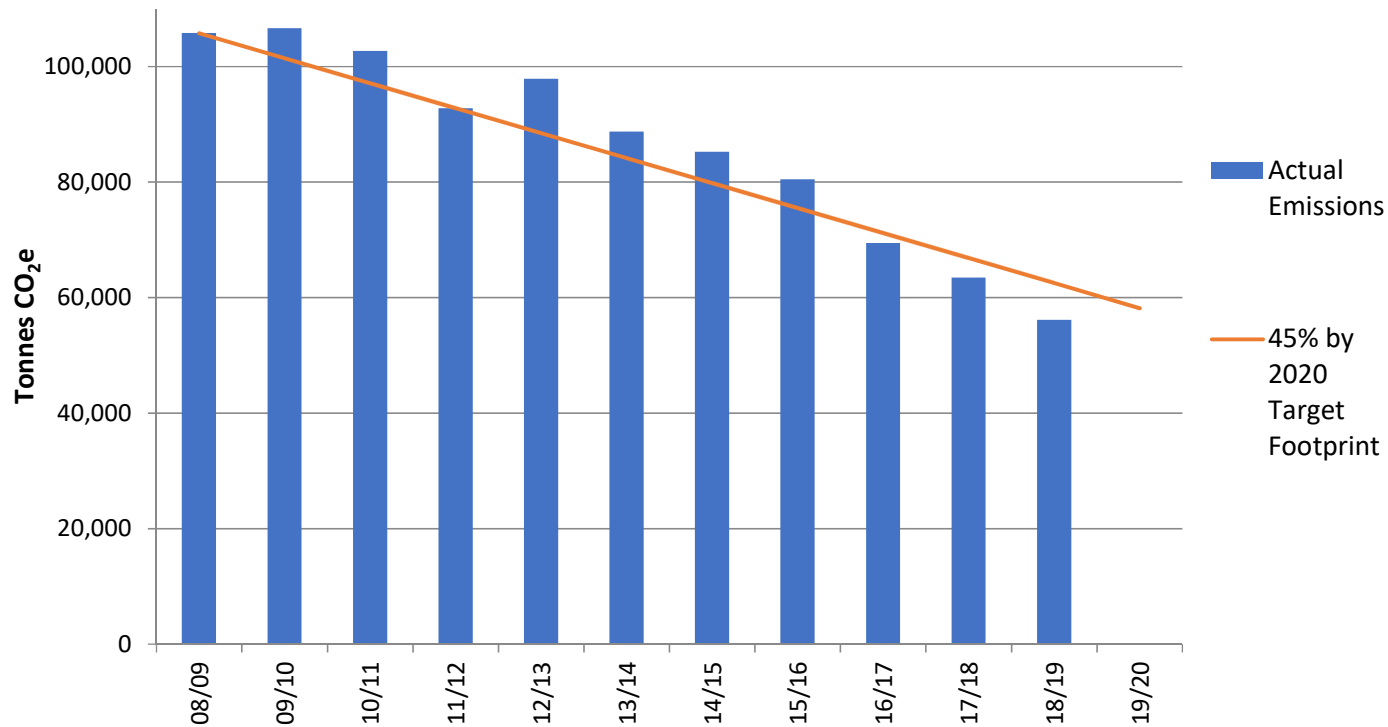
- **52%** - woodland planting, peatland restoration or wildflowers;
- **50%** - reduce waste and increase re-use, recycling and composting;
- **44%** - increase in the use of County Durham's natural, renewable energy resources.
- **44%** - improve walking, cycling and the use of public transport to be part of the everyday travel culture.
- **39%** - Improve the Energy Efficiency of buildings

Council Emission Targets

- CMP 2015-2020: target 45% from 2008/09
 - March 2019: 47% achieved
 - 2019-20: figures due in July 2020
- February 2019: Climate Emergency Target
 - 60% by 2030
- February 2020: New Target
 - **80% by 2030**

Carbon Management Plan 2018-19

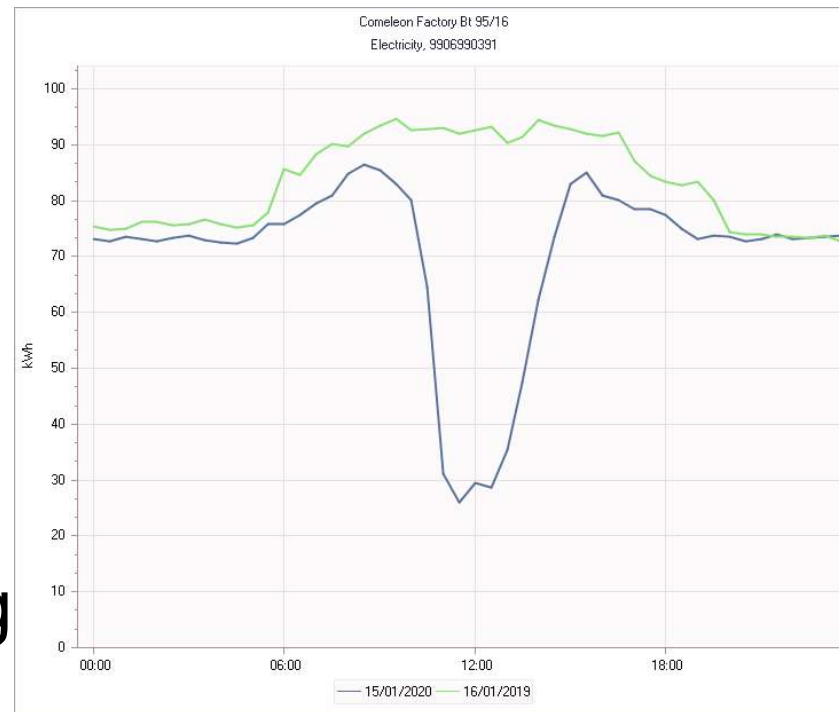
Annual CO₂e Emissions



Carbon Management Plan 2019-20

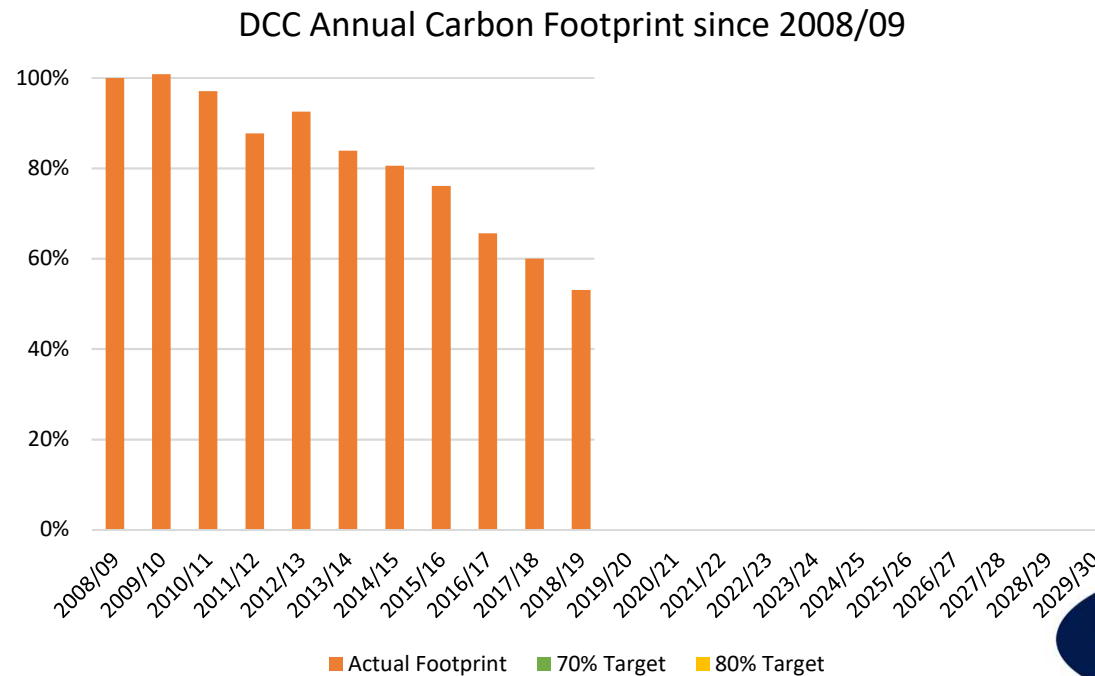
Successful work of the last year:

- Tanfield Solar Farm
 - Saves £25k
- LED lighting
 - Rolling out
- Louisa Centre Drilling
 - Design underway

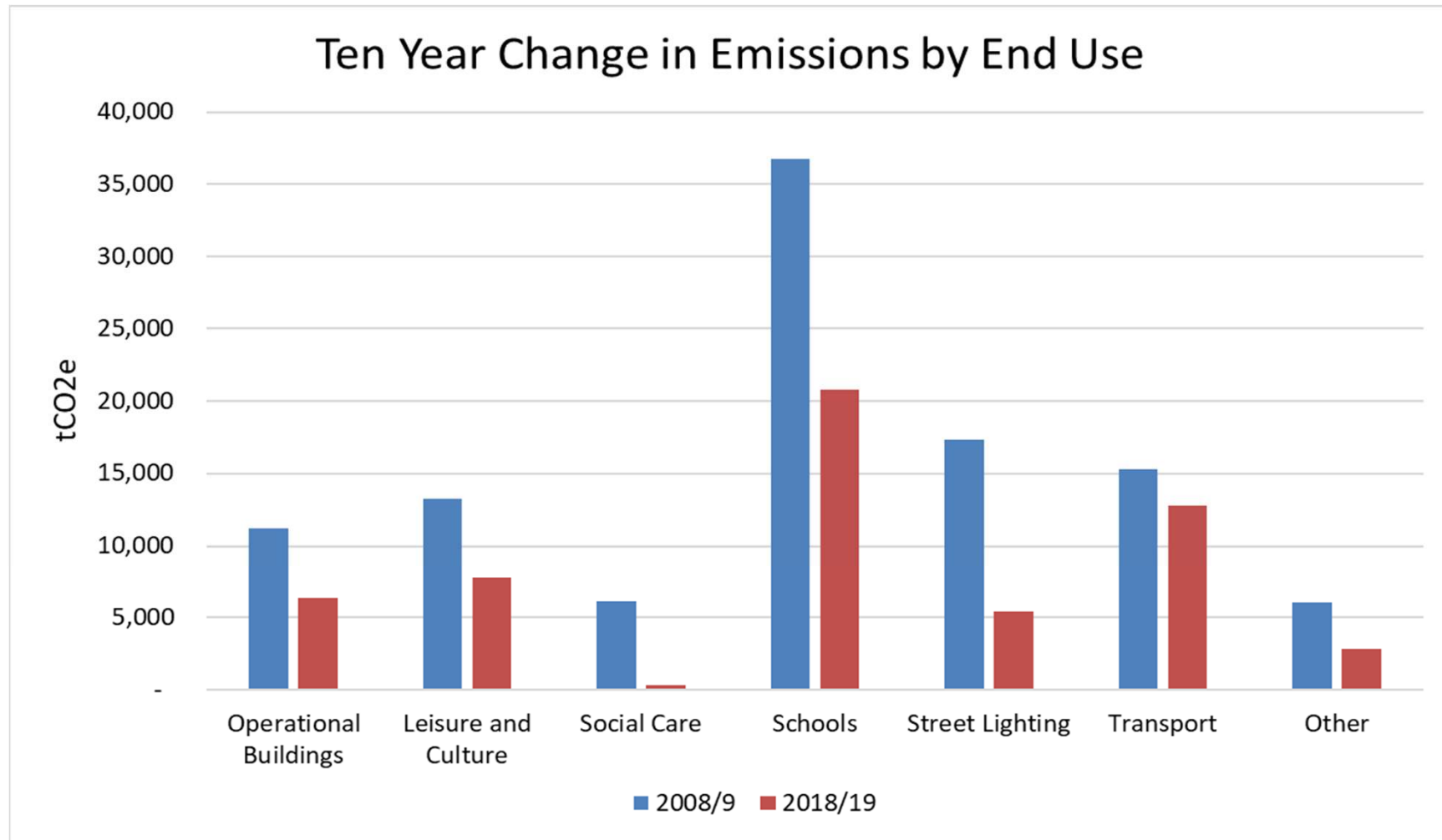


Carbon Management Plan 2020-25

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



Council Emission Reductions by Service Area



Carbon Management Plan 2020-25

From the Climate Emergency Response Plan

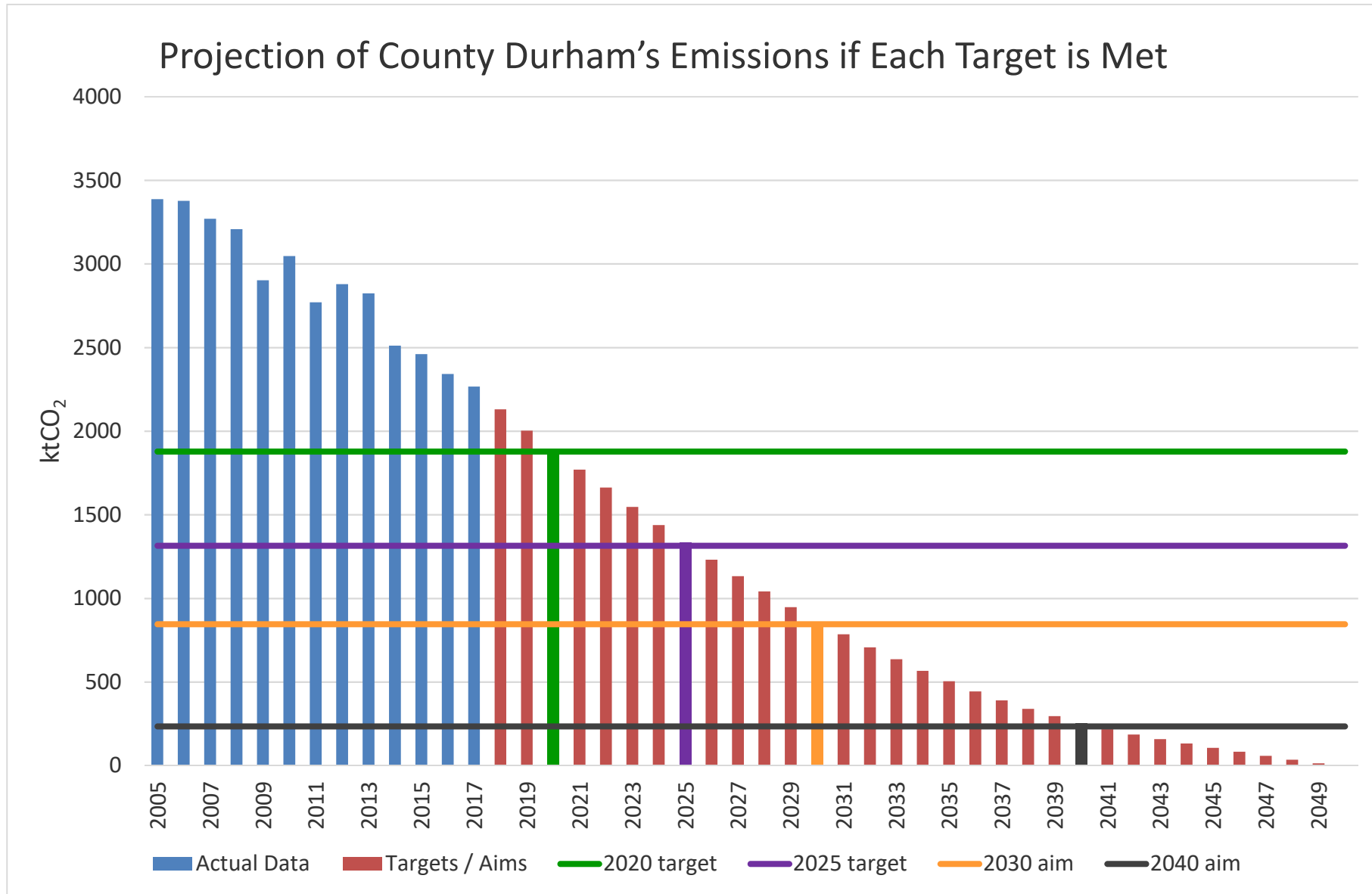
Areas of focus:

- Heat and insulation
- Transport
- Electrical generation
- Schools
- Monitoring and targeting

Countywide Emissions Targets

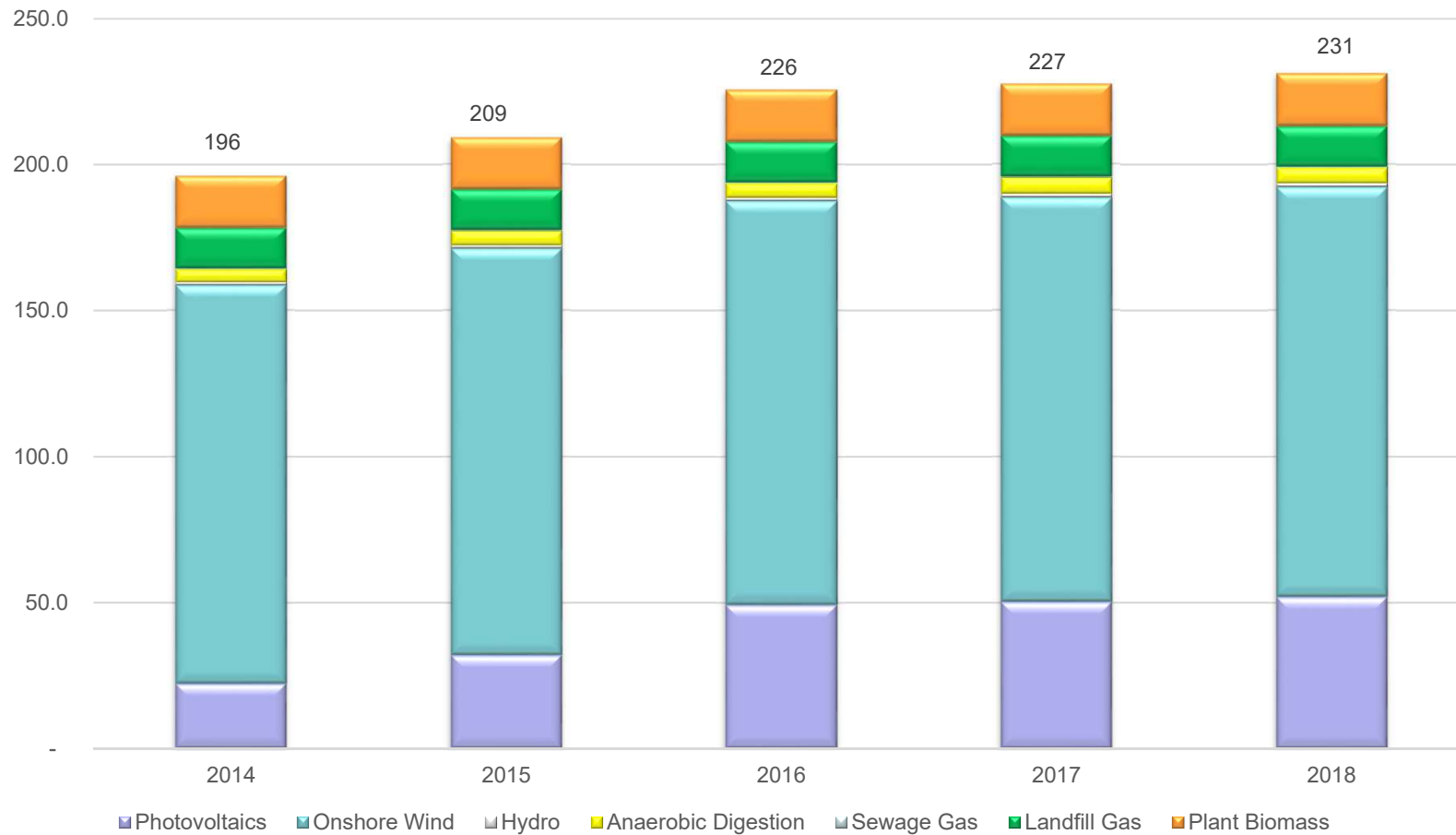
- Carbon Neutral 2050
- Milestones
 - 2020 – 60% reduction (data will be released in 2022)
 - 2025 – 72% reduction (data will be released in 2027)
- Currently 52% (2017)

Countywide Emissions Targets



Installed Renewable Energy Capacity

Total Renewable Energy Capacity in Co Durham



2019 Progress - Countywide

- Housing Regeneration
 - £2.5 million ERDF Solid Wall Insulation Innovation (SWii) project
 - £2 million WHF new off gas heating systems including 100 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

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

Looking Ahead - 2020

- Community Tree Planting Programme
- [Community Investment Fund](#)
- Community EV Charging points
- Market Electric Points
- Minewater feasibility in Horden
- Further support for Peatland restoration
- [Blue Carbon – Oyster farm development](#)
- Carbon Offset fund
- Education and Awareness raising
- E-cargo bikes
- HEET Project (Energy Friends)
- Alternative fuel research with partners
- Electric Busses for the Park and Ride



Partnership Working

- North East LEP
- Durham University
- Durham Energy Institute Board
- Northern Gas Networks
- Northern Powergrid
- Northumbrian Water
- Coal Authority – Minewater Opportunities
- LA7 Officer Working Group