

Environment Sub Committee

Fleet Decarbonisation

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Council Fleet

Replacement Programme

Climate

Fleet Carbon Net Zero Plan

Plan to 2030

Considerations

Fuel Developments



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North Tyneside Council

Council Fleet 22/23

Vehicle type	Number of vehicles	Number of electric vehicles in place
Small vehicles < 2.5 tonne	338	10
Medium vehicles > 2.5 < 7.5 tonne	21	5
Large vehicles > 7.5 tonne	48	0



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North Tyneside Council

Replacement Programme

Requirement to have functional fleet suitable for service needs

Review lifecycle of vehicle after 7 years

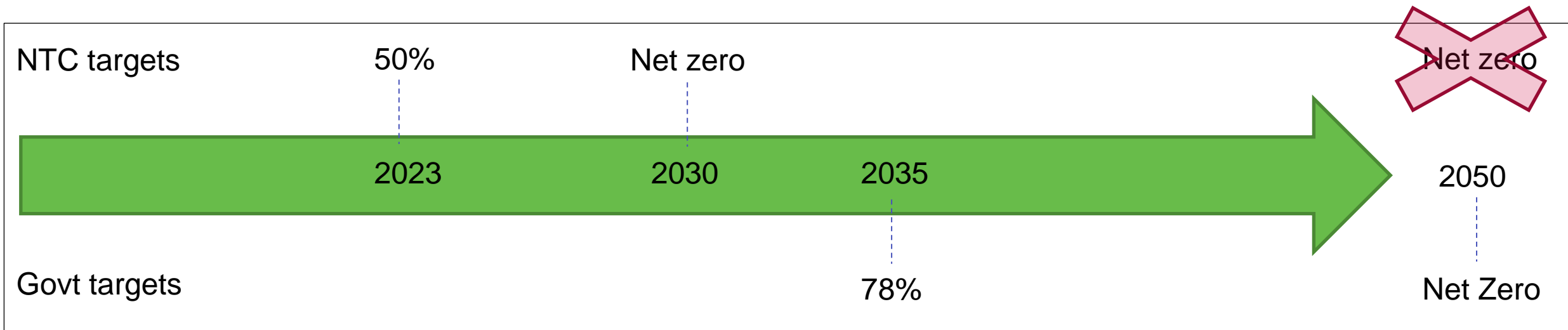
Transport Account



Climate

Our North Tyneside Council Plan 2021-25

“We will publish an action plan of the steps we will take and the national investment we will seek to make North Tyneside carbon net-zero by 2030.”



Borough 2020 = 767,200 tonnes. **47% down**
Council 2021/22 = 14,111 tonnes. **53% down**



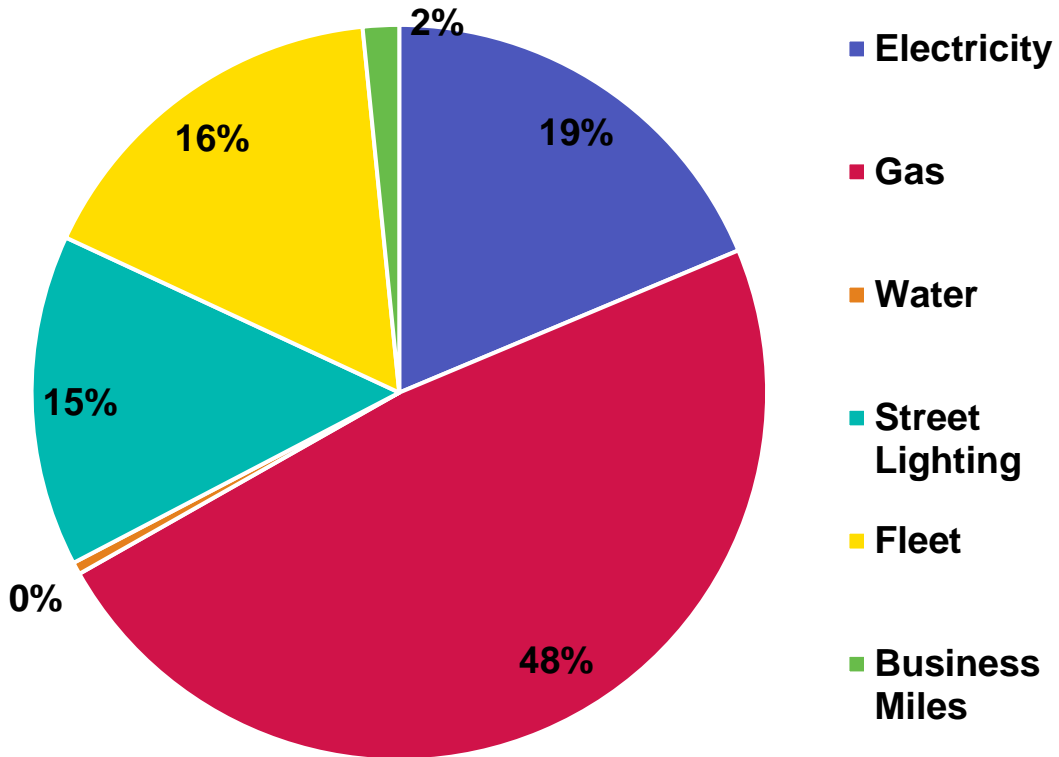
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North Tyneside Council

The Council's carbon footprint

Council carbon footprint 2021-22



21/22 = 14,111 tonnes

Electricity	Down 71%
Gas	Down 9%
Water	Down 70%
Street Lighting	Down 79%
Fleet	Down 15%
Business Miles	Down 66%
Overall	Down 53%

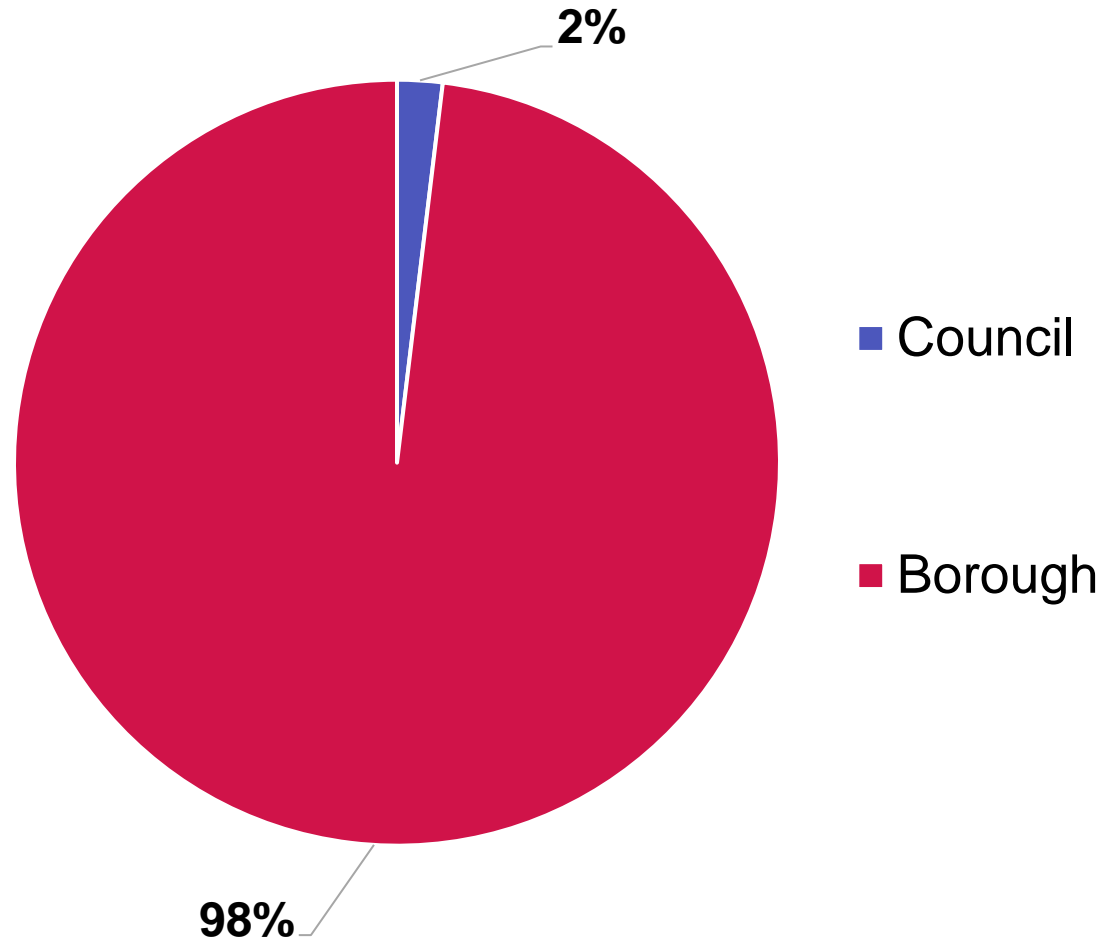


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North Tyneside Council

The Council and Borough carbon footprints



Fleet Carbon Net Zero Plan

North Tyneside Council's Fleet Carbon Net-Zero 2030 Plan



Date: April 2022 Version: 3.0 Author: Kim Pye

“To replace all small vehicles across the Authority’s fleet with electric vehicles, where options are available, and this can be financially supported”

“Monitor technology and fuel developments that will support the transition to low carbon HGV’s, including electric models & Hydrogen”

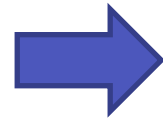
Plan to 2030

Year of replacement	No of electric replacements possible	tCO2 Reduction per annum
2022-23	2	9
2023-24	1	6
2024-25	14	55
2025-26	8	20
2026-27	63	130
2027-28	89	239
2028-29	54	135
2029-30	3	7
Grand Total	234	601

Considerations

- Funding
- Charging Infrastructure
- Technological Developments

Fuel Developments



What are we doing to deliver?

Throughout the 2020s, government is taking forward a programme of development and demonstration of hydrogen technologies across different transport modes, to support commercial readiness and create real-world learning about the opportunities and barriers for any larger scale rollout.

News story

Government takes historic step towards net-zero with end of sale of new petrol and diesel cars by 2030

Sales of new petrol and diesel cars to end in the UK by 2030.

From: [Department for Transport](#), [Office for Low Emission Vehicles](#), [Department for Business, Energy & Industrial Strategy](#), [The Rt Hon Alok Sharma KCMG MP](#), and [The Rt Hon Grant Shapps MP](#)

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Questions