



North Tyneside Council

Environment Sub Committee

Tuesday, 10 January 2023

Tuesday, 10 January 2023 0.02 Chamber - Quadrant, The Silverlink North, Cobalt Business Park, North Tyneside, NE27 0BY **commencing at 6.00 pm.**

Agenda Item	Page
5. Fleet Decarbonisation	3 - 14
To give consideration to a presentation which explains the Authority's approach to decarbonisation of the fleet in line with its Carbon Net Zero 2030 target.	
6. Flood Management Plan - Review of Performance	15 - 36
To give consideration to a presentation which reviews the Authority's performance in relation to the Flood Management Plan.	

Circulation overleaf ...

Members of the public are entitled to attend this meeting and receive information about it. North Tyneside Council wants to make it easier for you to get hold of the information you need. We are able to provide our documents in alternative formats including Braille, audiotape, large print and alternative languages.

Members of the Environment Sub Committee

Councillor Davey Drummond (Chair)

Councillor Gary Bell

Councillor Brian Burdis

Councillor Margaret Hall

Councillor Gary Madden

Councillor Pam McIntyre

Councillor Martin Murphy (Deputy Chair)

Councillor Linda Bell

Councillor Michelle Fox

Councillor Chris Johnston

Councillor Louise Marshall

Councillor Jane Shaw

Environment Sub Committee

Fleet Decarbonisation

Kim Pye

Head of Environment & Safer Neighbourhoods

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Agenda Item 5



Council Fleet

Replacement Programme

Climate

Fleet Carbon Net Zero Plan

Plan to 2030

Considerations

Fuel Developments

Council Fleet 22/23

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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



WE LISTEN | WE CARE | WE ARE AMBITIOUS | WE ARE GOOD VALUE FOR MONEY



North Tyneside Council

Replacement Programme

Requirement to have functional fleet suitable for service needs

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Review lifecycle of vehicle after 7 years

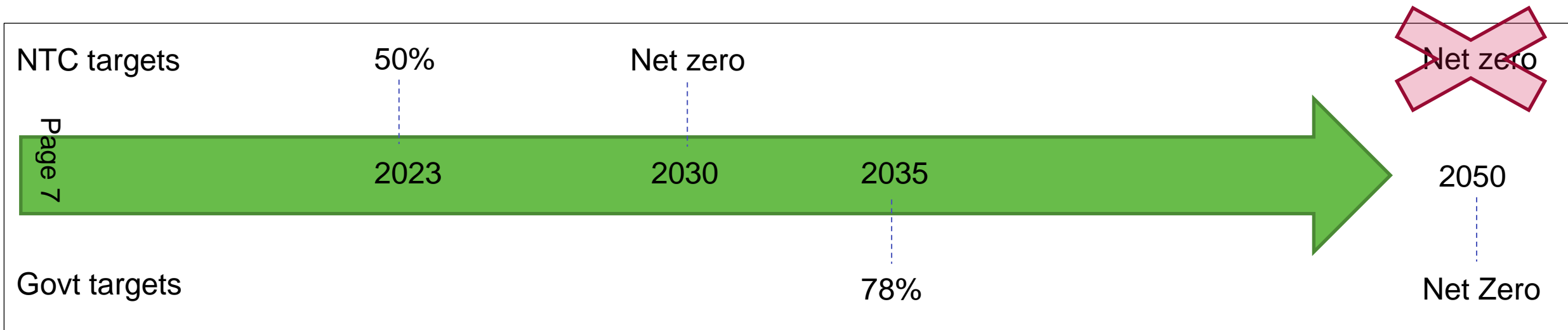
Transport Account



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**



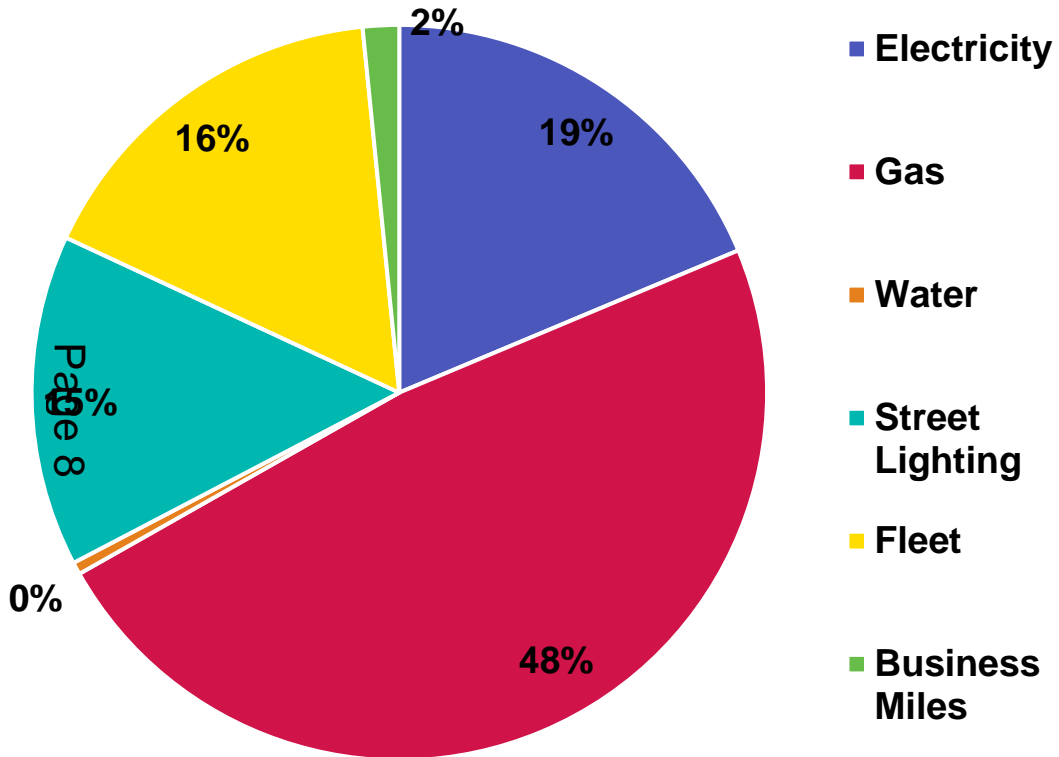
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North Tyneside Council

The Council's carbon footprint

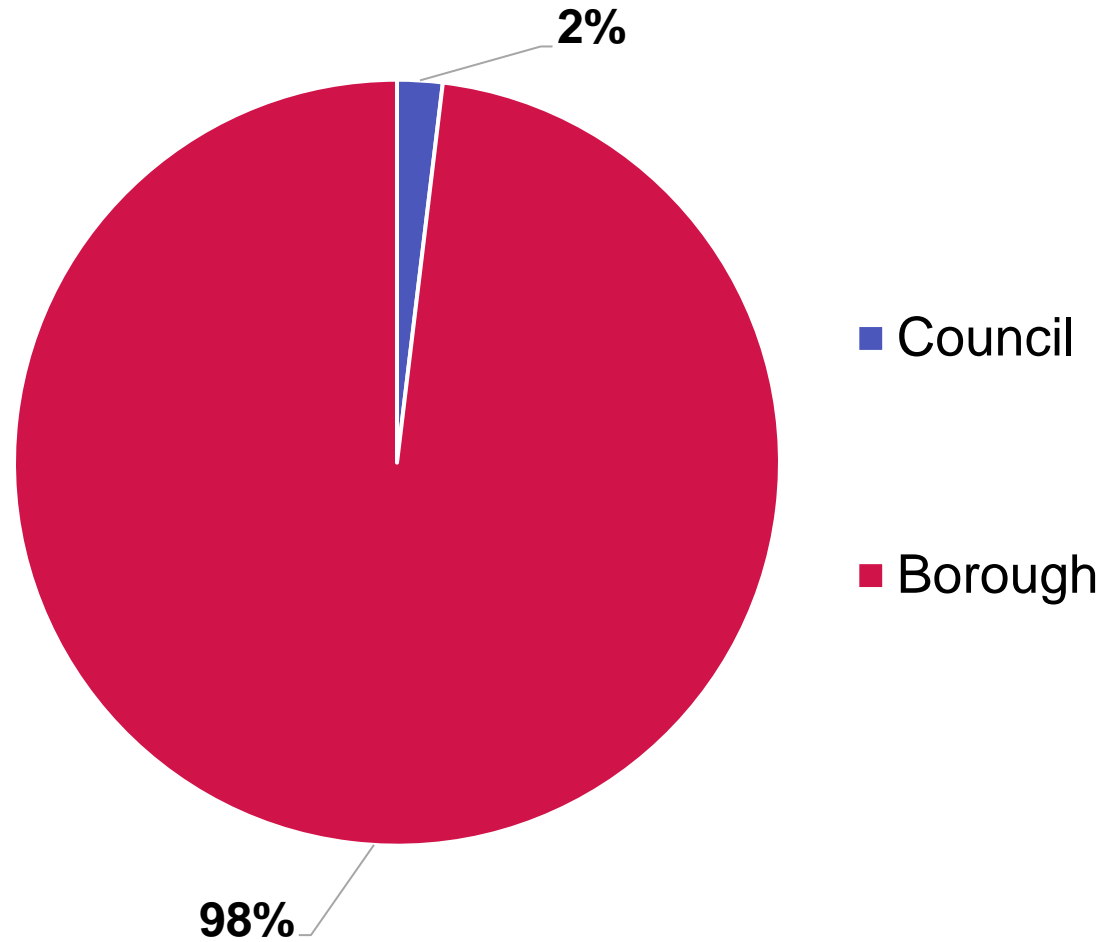
Council carbon footprint 2021-22



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%

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](#)

Published 18 November 2020

Questions

Surface Water Management in North Tyneside

Environment Sub-Committee
10 January 2023

Mark Newlands
Highways & Infrastructure Manager



Contents

- Background
- Governance
- Flooding Strategy
- Work done to date
- Partnership working
- Measuring success – where we've got to
- Next 10 years – what happens next



Background



Background



Background

- June 2012 – Thunder Thursday
- Task and finish group set up late 2012
- Flooding Strategy developed
- £4.75m capital investment plus external grants
- Implementation plan developed
- Formal governance put in place
- Numerous other activities e.g. flood wardens



Governance

- North Tyneside Surface Water & Drainage Partnership established March 2013
- Brought together all partners and stakeholders
- Chaired by lead cabinet member, supported by director
- Directed and influenced work
- Exchange of ideas and good practice
- Brand / identity :



- Dissolved in January 2020



Flooding Strategy



North Tyneside Council

Working in partnership with
CAPITA

Local Flood Risk
Management Strategy

July 2014



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North Tyneside Council

Working in partnership with
capita



**North Tyneside Local Flood Risk
Management Strategy**

October 2021



North Tyneside Council

Key Objectives

- 1) We will continue to encourage direct involvement in decision making through partnership working with key organisations and communities.
- 2) We will target resources where they have the greatest effect by continuation with a risk-based approach.
- 3) We will contribute to wider social, economic and environmental outcomes by encouraging sustainable multi benefit solutions for the management of local flood risk.
- 4) We will continue to encourage and support communities and local landowners to take action and contribute to the reduction of flood risk.
- 5) We will continue to ensure that emergency plans and responses to flood incidents are effective and that communities are able to respond properly to flood warnings.
- 6) We will ensure that our infrastructure is resilient to flooding and be ready to adapt to flooding change
- 7) We will provide further support to local residents to increase their own resilience to flooding



Examples of Work Carried Out in North Tyneside



Dudley – Green Lane



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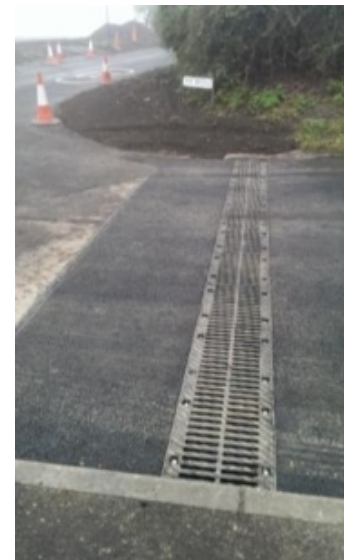
Murton Village

Phase 1 – Drainage Improvements

- Improved drainage of highway
- Increased storage capacity of ditch

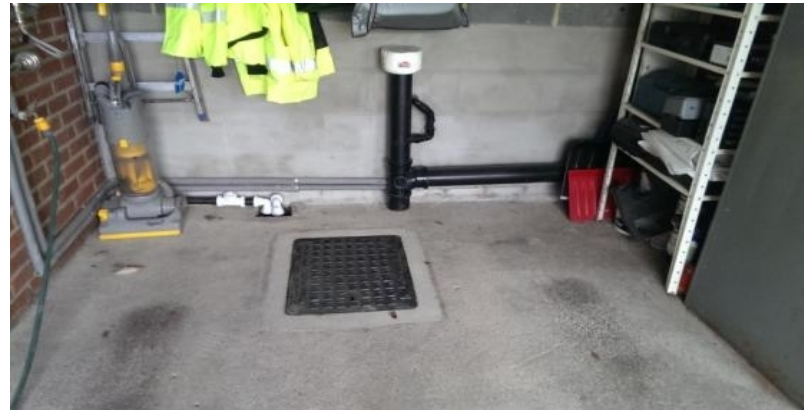
• Vehicle speeds reduced with new road hump

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Murton Village

Property Level Protection (PLP)



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North Tyneside Council

Woodburn Drive

- Gabion basket flood barrier
- Surface water held within bridleway and channelled via a filter drain to a nearby culvert then out to sea

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Fairfield Green

- 3 large dry storage basins connected by ditches
- Controlled discharge



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Briar Vale



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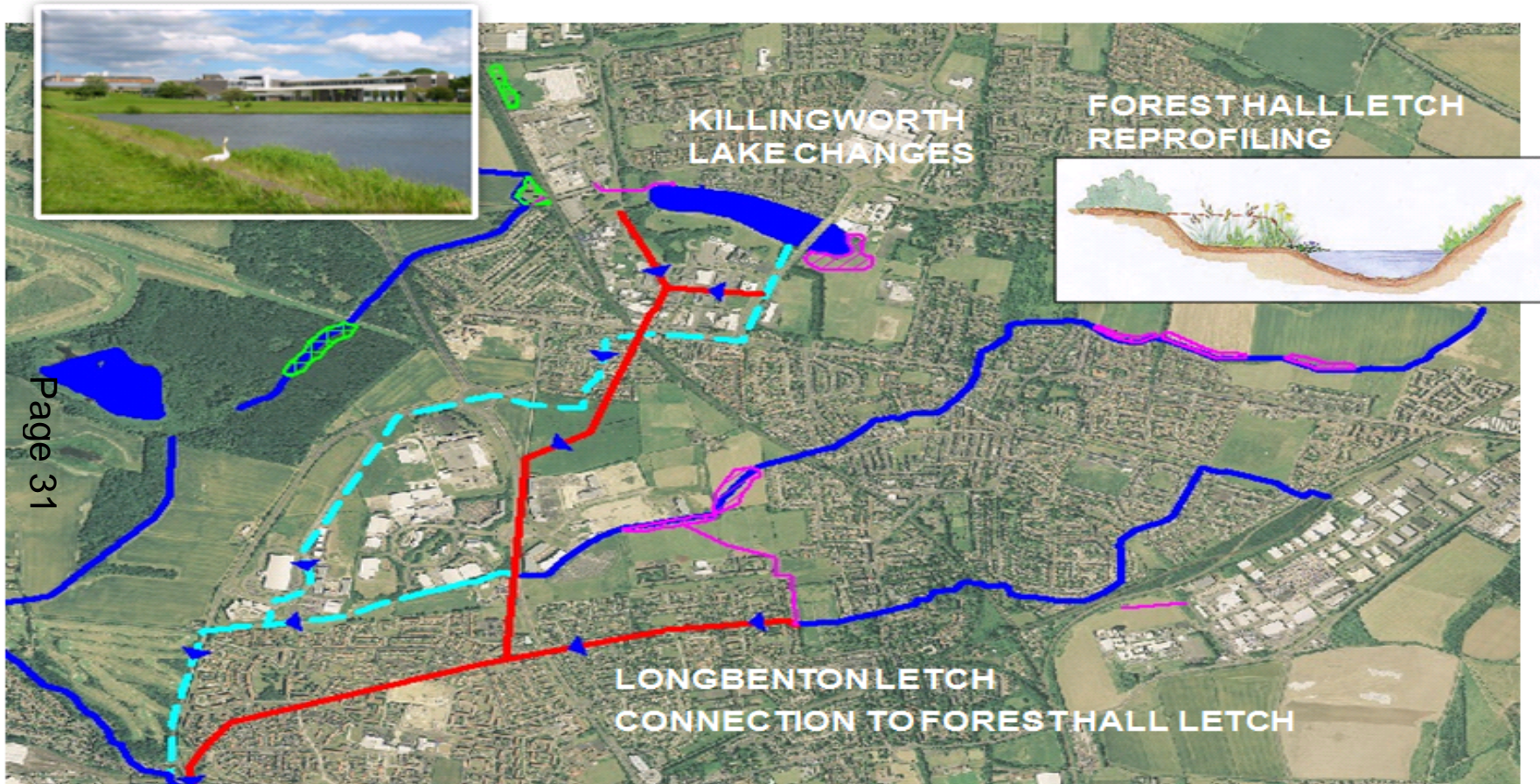


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Partnership Working



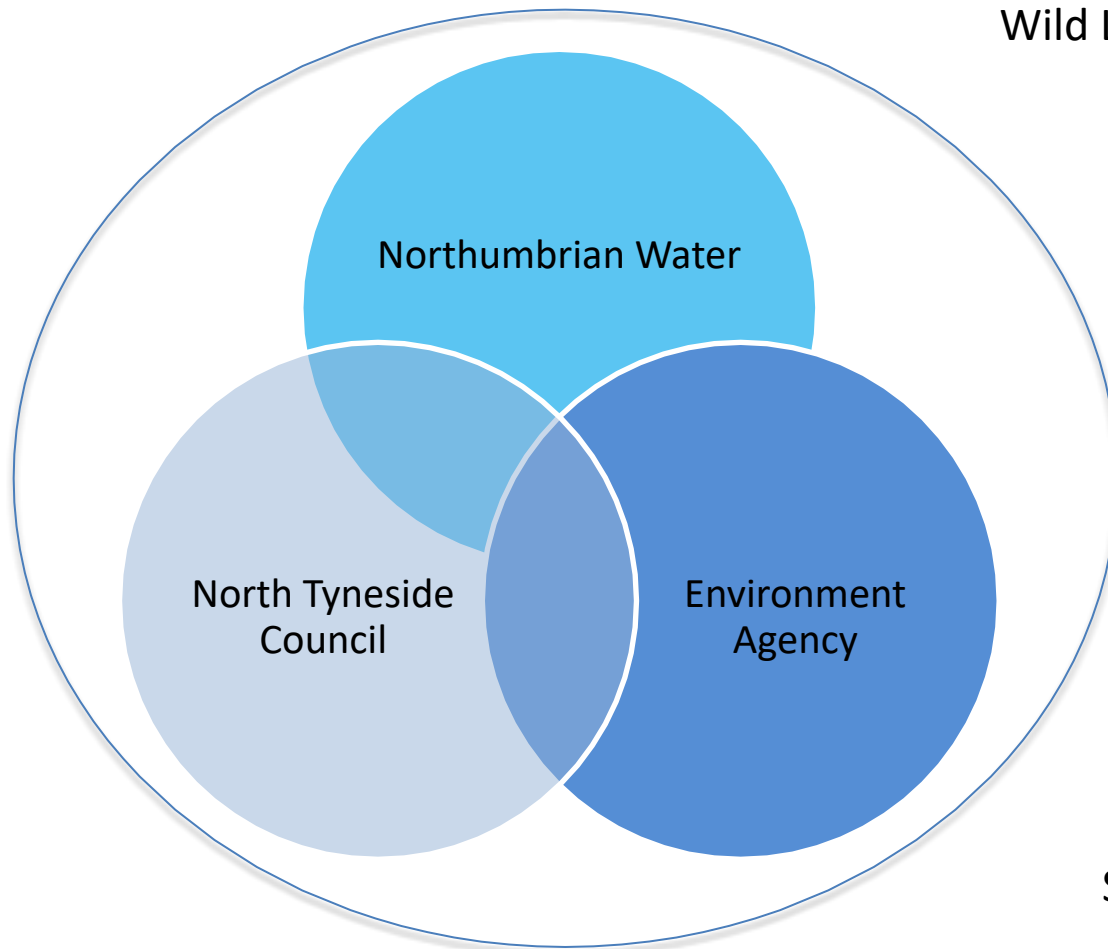
Killingworth & Longbenton Sustainable Sewerage Project



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One Team



Wild Life Trust

Newcastle City Council

Natural History Society

Land Owners

Tyne Rivers Trust

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Land Users

North Tyneside Council

Environment Agency

Communities

Developers

Schools

Business



Measuring Success

- Around £25m flood schemes delivered
- Hundreds of properties better protected
- All priority sites dealt with
- Emergency response plans improved
- 2 new gully wagons and risk based approach
- Residents better informed
- Flood warden scheme in place



Next 10 Years

- Continue work but on a smaller scale
- Improve understanding of drainage issues through studies and modelling
- Continue to seek external funding
- Review performance of schemes built to date
- Review and update Flooding Strategy in 2032



Thank you
Questions?



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