

Paul Nelson

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North Tyneside Council

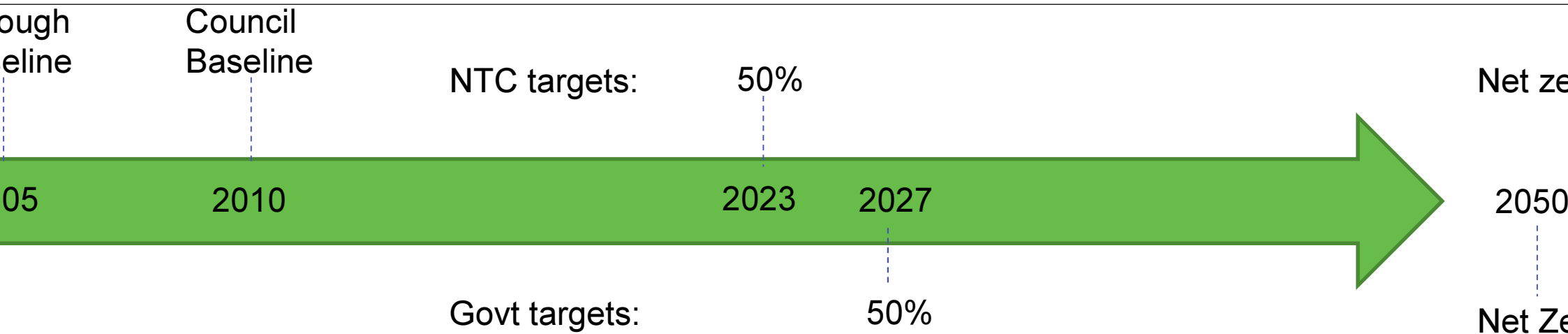
Carbon Net Zero 2030



What I'd like to cover

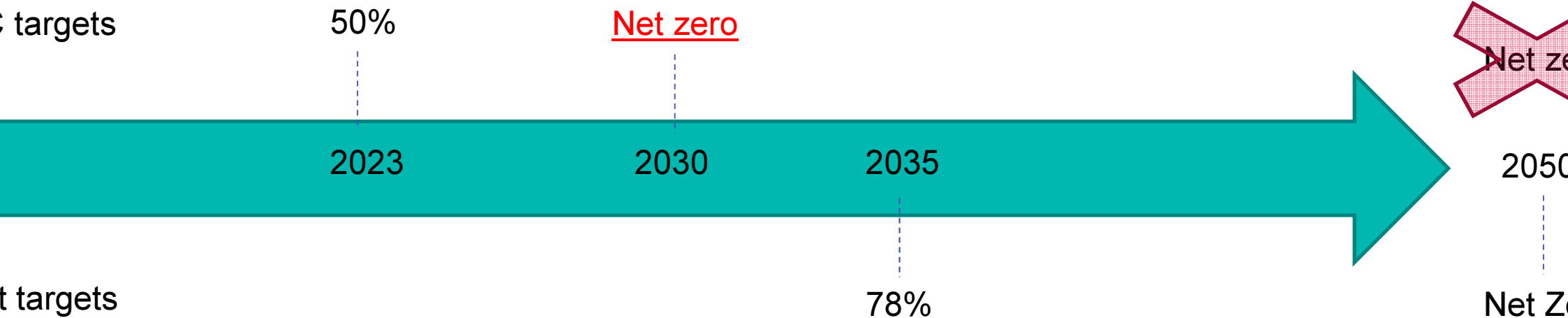
- Journey so far & new target
- National policy development
- Key national milestones
- Our current performance
- Climate Emergency Board / key projects
- Working with partners and stakeholders
- Next steps

Climate Emergency declared July 2019



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 2019 = 827,200 tonnes. **41% down**
Council 2020/21 = 14,395 tonnes. **52% down**



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



Government Ten Point Plan

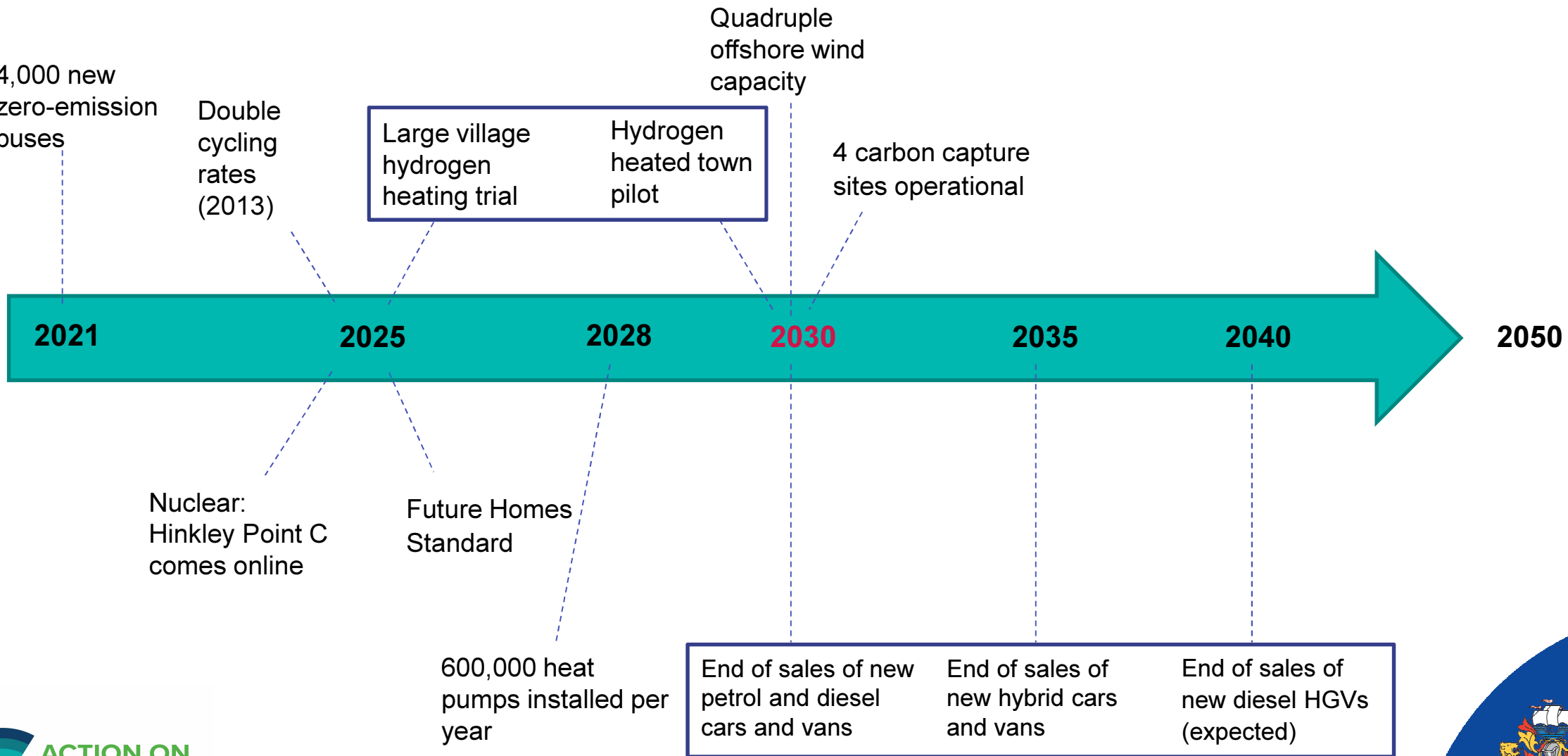
Advancing offshore wind
Driving the growth of low carbon hydrogen
Delivering new and advanced nuclear power
Accelerating the shift to zero emission vehicles
Green public transport, cycling and walking
Jet zero' and green ships
Greener buildings
Investing in carbon capture, usage and storage
Protecting our natural environment
Green finance and innovation

Supporting Policy

- a. Energy white paper
- b. Net Zero Strategy
- c. England Tree Strategy
- d. Transport Decarbonisation Plan
- e. Industrial Decarbonisation Plan
- f. Heat and Building Strategy
- g. Hydrogen Strategy
- h. National Bus Strategy
- i. Treasury Net Zero Review
- j. The Environment Bill
- k. Future Homes Standard

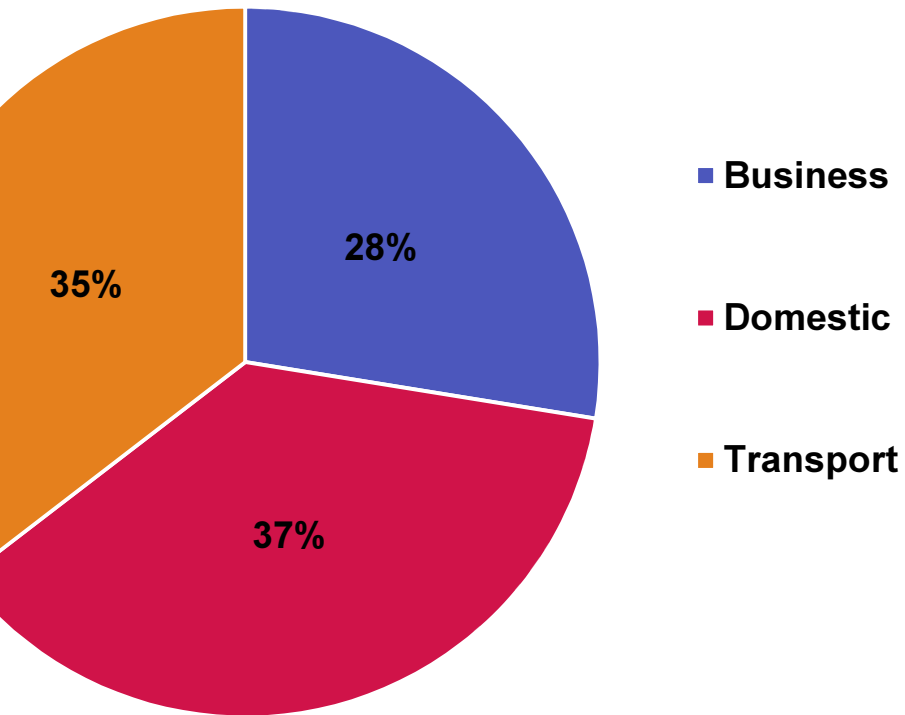
Working to 2050

Government milestones



The borough's carbon footprint

Borough carbon footprint 2019

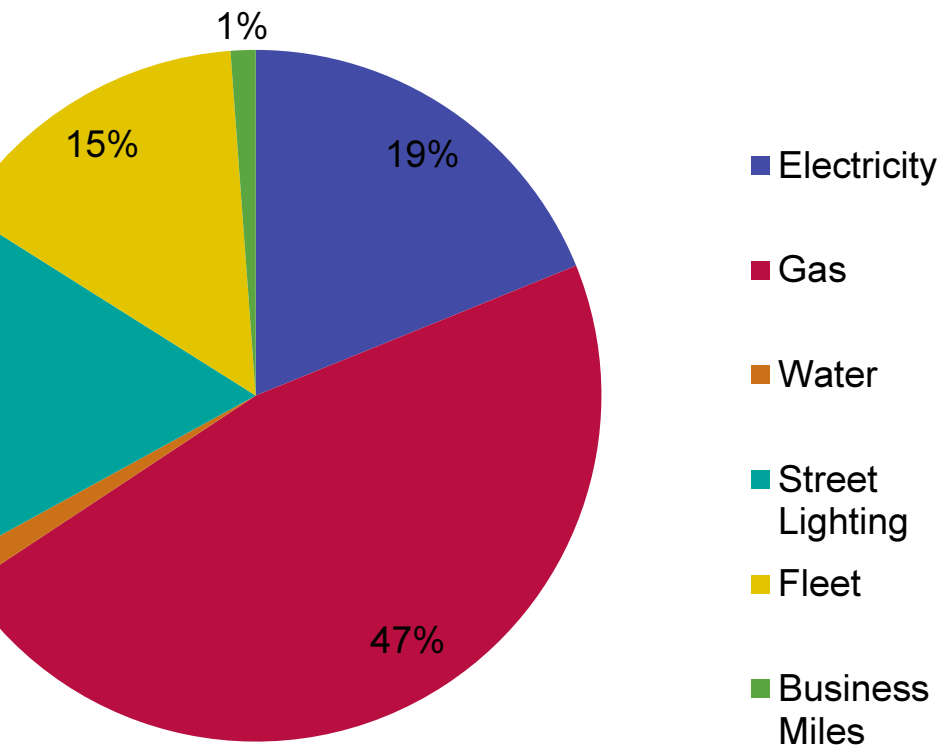


2019 = 827,200 tonnes

Business	Down 60%
Domestic	Down 39%
Transport	Down 13%
Overall	Down 41%

The council's carbon footprint

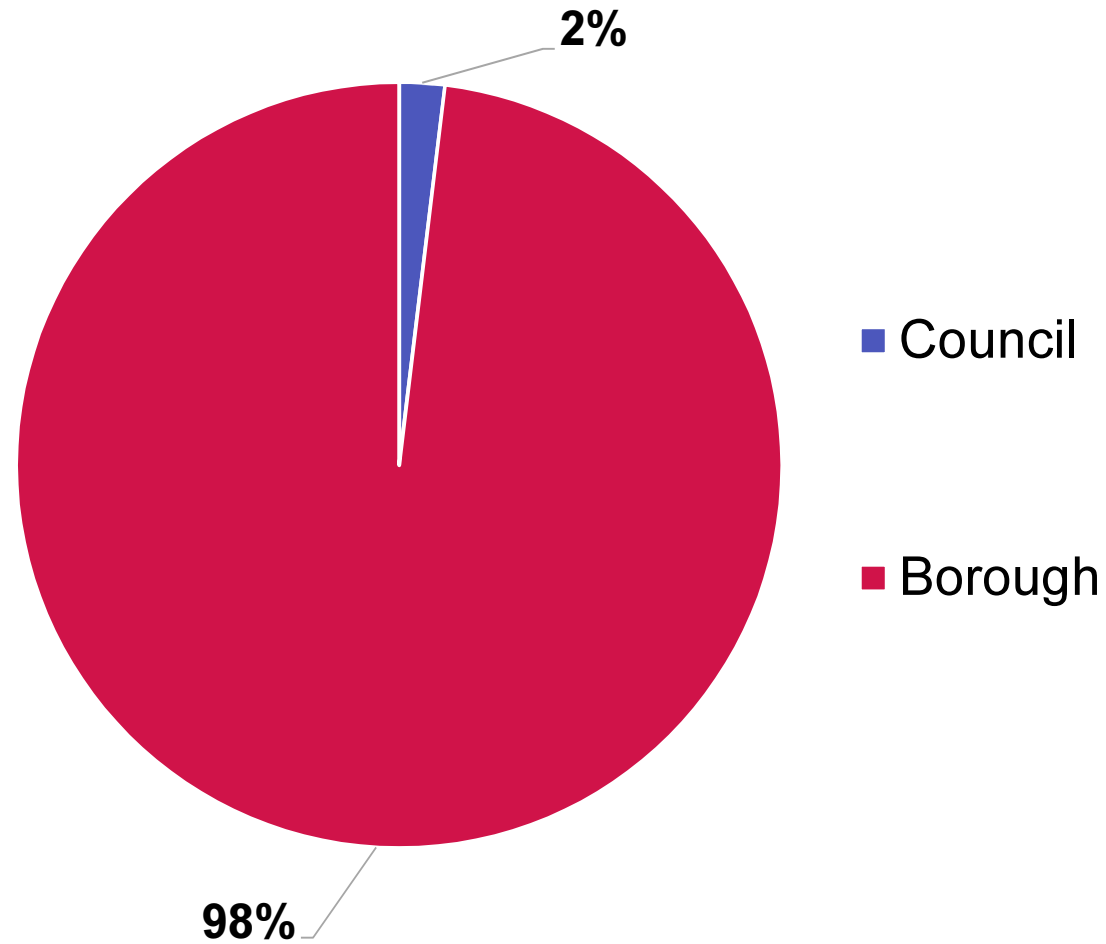
Council carbon footprint 2020-21



20/21 = 14,395 tonnes

Electricity	Down 70%
Gas	Down 9%
Water	Down 24%
Street Lighting	Down 75%
Fleet	Down 21%
Business Miles	Down 75%
Overall	Down 52%

The council and borough carbon footprints



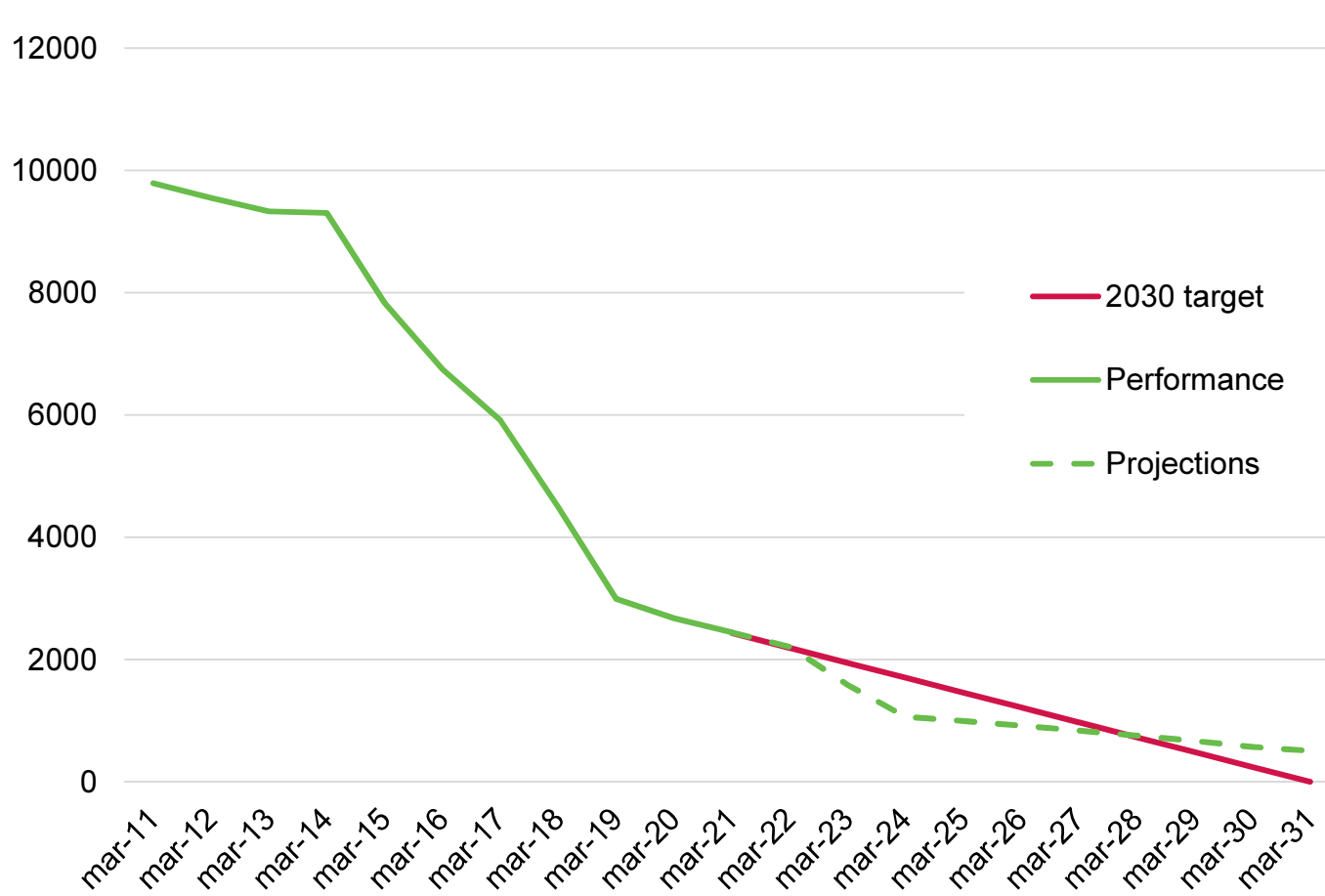
Climate Emergency Board

Key projects:

- Street Lighting LED
- Energy efficiency and low carbon heat in public buildings
- Energy efficiency and low carbon heat in homes
- Fleet renewal programme / efficiency review
- Whitley Bay Crematorium
- Cycling & sustainable transport
- Organisational culture
- EV infrastructure strategy
- Solar PV
- North East Community Forest
- Green New Deal
- Heat Network development
- Offsetting strategy

A couple of examples....

Street Lighting - working towards net zero



Efficiency programme;

- ‘Trimming’ and ‘dimming’
- Part night switch off
- LED by 2023

£7.5m capital

£1.5m savings per year (2023)

75% energy reduction

95% carbon reduction

512 tonnes remaining

Killingworth depot

- Energy efficiency / fabric first
- Solar PV
- Battery Storage
- EV charging
- Air source heat pumps
- Intelligent Management System
- Gas – future strategy needed



Call for evidence / ideas

Public services we use

North Tyneside Council

Our health

Northumbria Healthcare NHS Trust

How we travel

Transport North East

Where we work

Cobalt Business Park

Our housing

North Tyneside Council

The waste we produce

Suez / SITA

The water we use

Northumbria Water

Products we use

Stirling Pharma

“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.”

Council carbon footprint

- Buildings
- Street Lighting
- Fleet

Borough carbon footprint

- Homes
- Businesses
- Transport



- External Board
 - Partners
 - Third Parties
 - Stakeholders

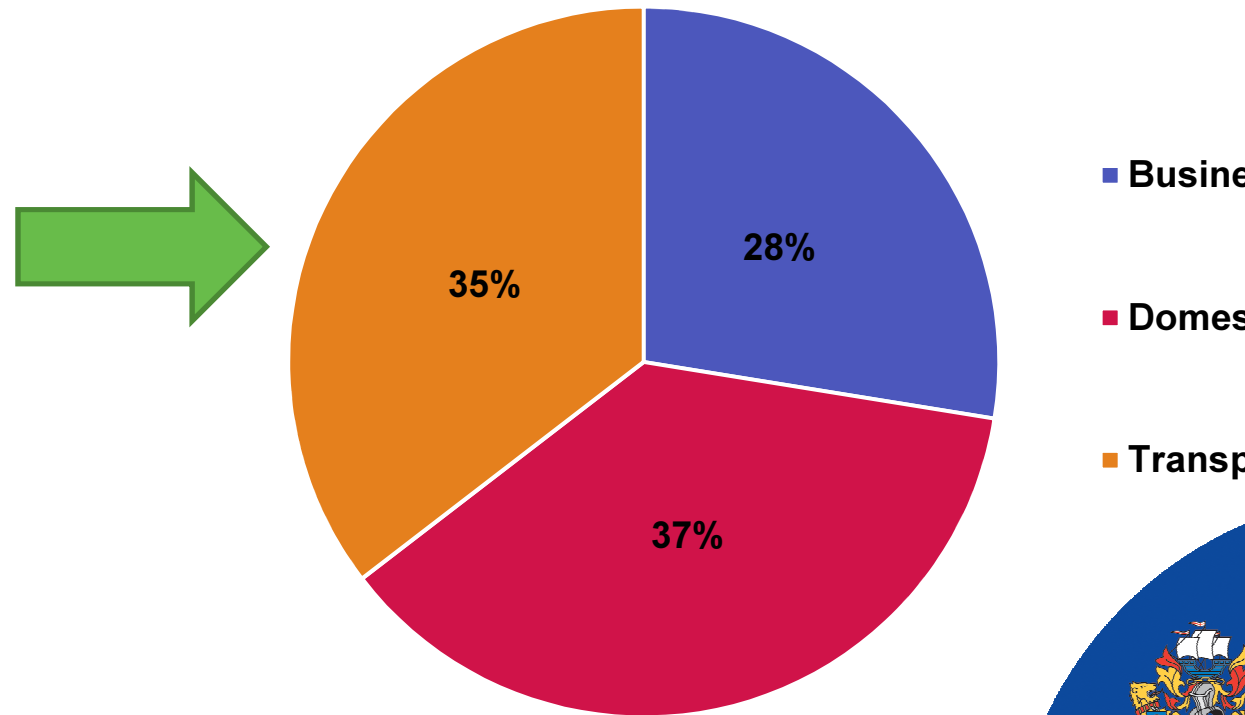
The challenge

“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.”

All of our plans need to be revisited
Council needs new net zero plan

Remember, borough-wide challenge
Working with partners / stakeholders

Borough carbon footprint 2019



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North Tyneside

Next steps

- Continue Climate Emergency Board
- Establish external board
- Launch campaign
- Public engagement
- Develop and test our plans
- Mirror Government's 10 point plan
- Back to Cabinet in 2022 with net-zero plan

