



North
Tyneside
Council

Carbon Net Zero and Waste Strategy Consultation

Paul Nelson

Head of Environmental Sustainability

What we'll cover

- Welcome & format
- Carbon Net-Zero 2030
- Waste
- Thematic discussions
- Round up / Q&A and next steps

Welcome & Format

- Purpose of the day
- Four key themes
 - Heat and Electricity in buildings
 - Travel and Transport
 - The Natural Environment
 - Reduction, Reuse and Recycling of Waste
- INTERACTIVE!!!

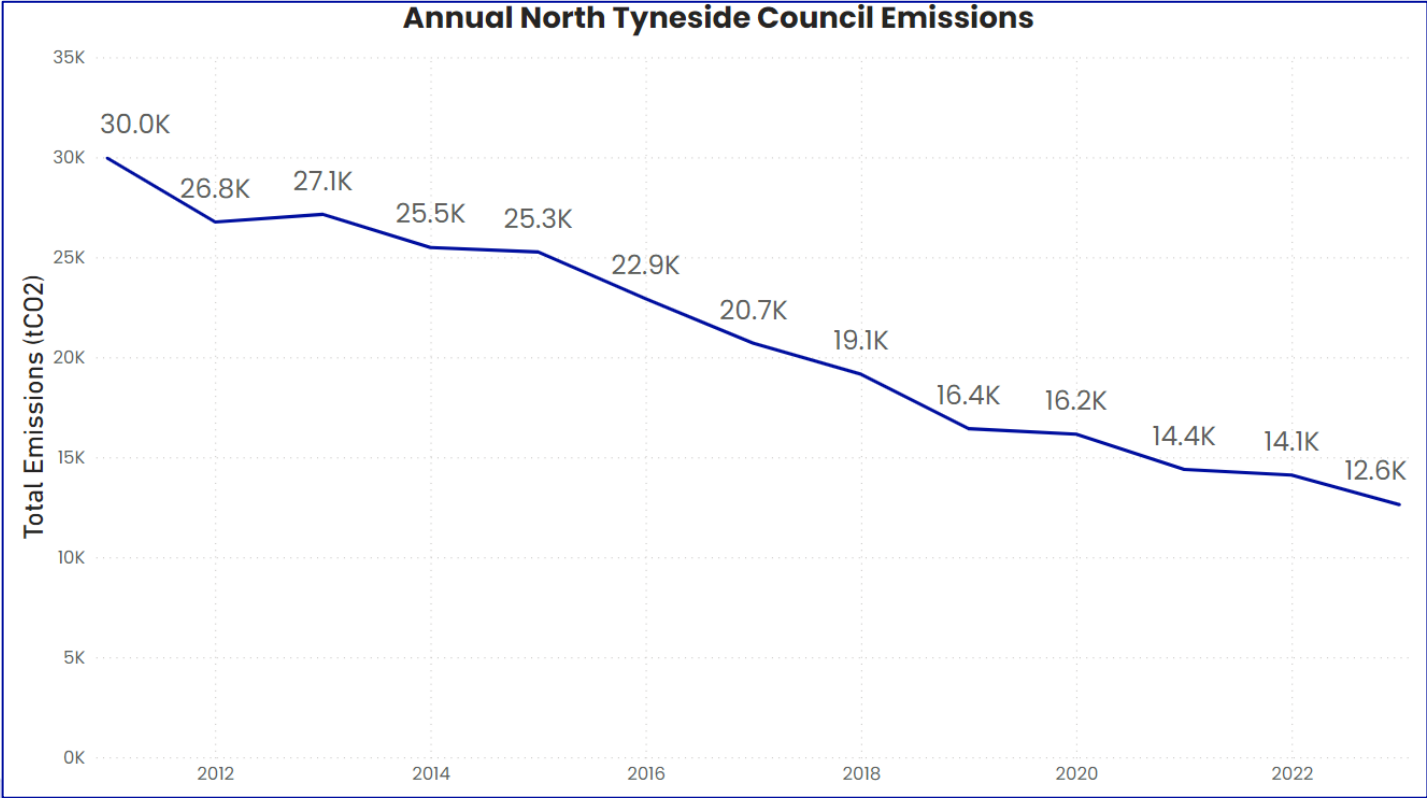
Policy

“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.”



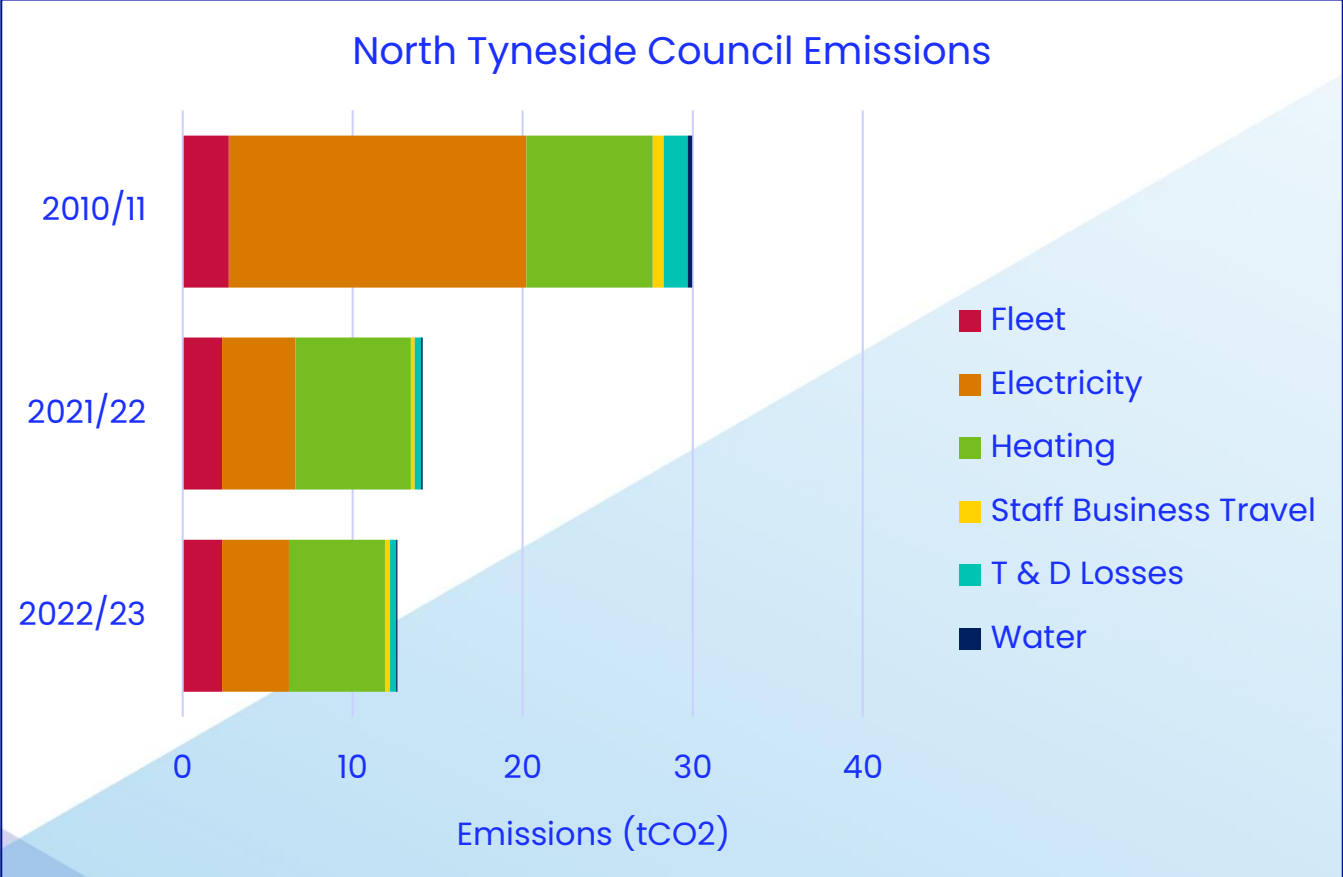
- Street Lighting LED
- Heat decarbonisation
- Home energy efficiency
- Fleet electrification
- Cycling & sustainable transport
- EV infrastructure strategy
- Solar PV
- North East Community Forest
- Heat Network development
- Recycling

Performance



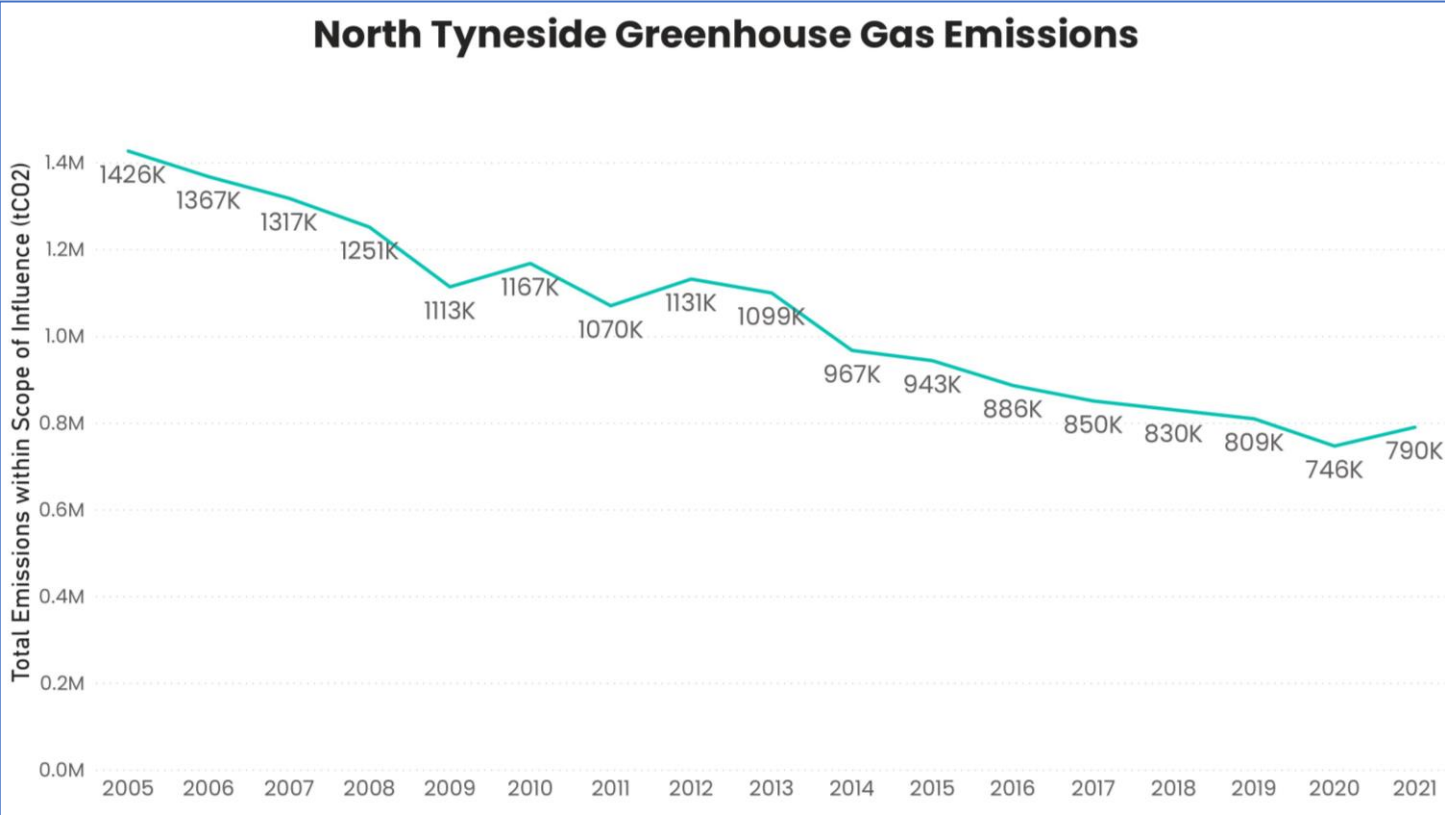
Council carbon footprint: 58% down

Performance



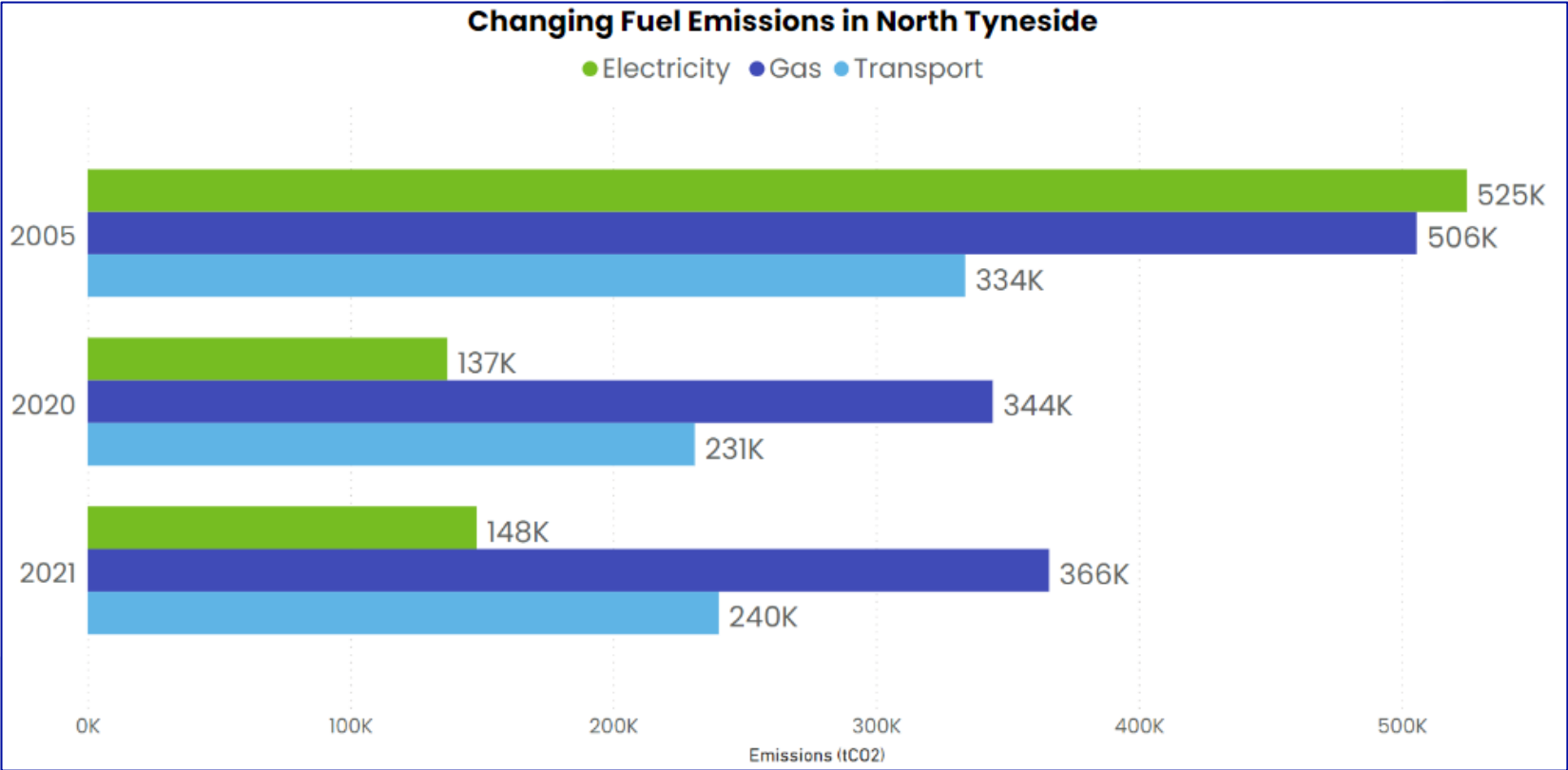
Council carbon footprint: 58% down

Performance



Borough carbon footprint: 45% down

Performance



Borough carbon footprint: 45% down



CDPTM
DISCLOSURE INSIGHT ACTION

CITIES A LIST 2023

North Tyneside

Policy

“We will keep increasing the amount of waste that can be recycled and introduce food waste collections and deposit return schemes”

We will:

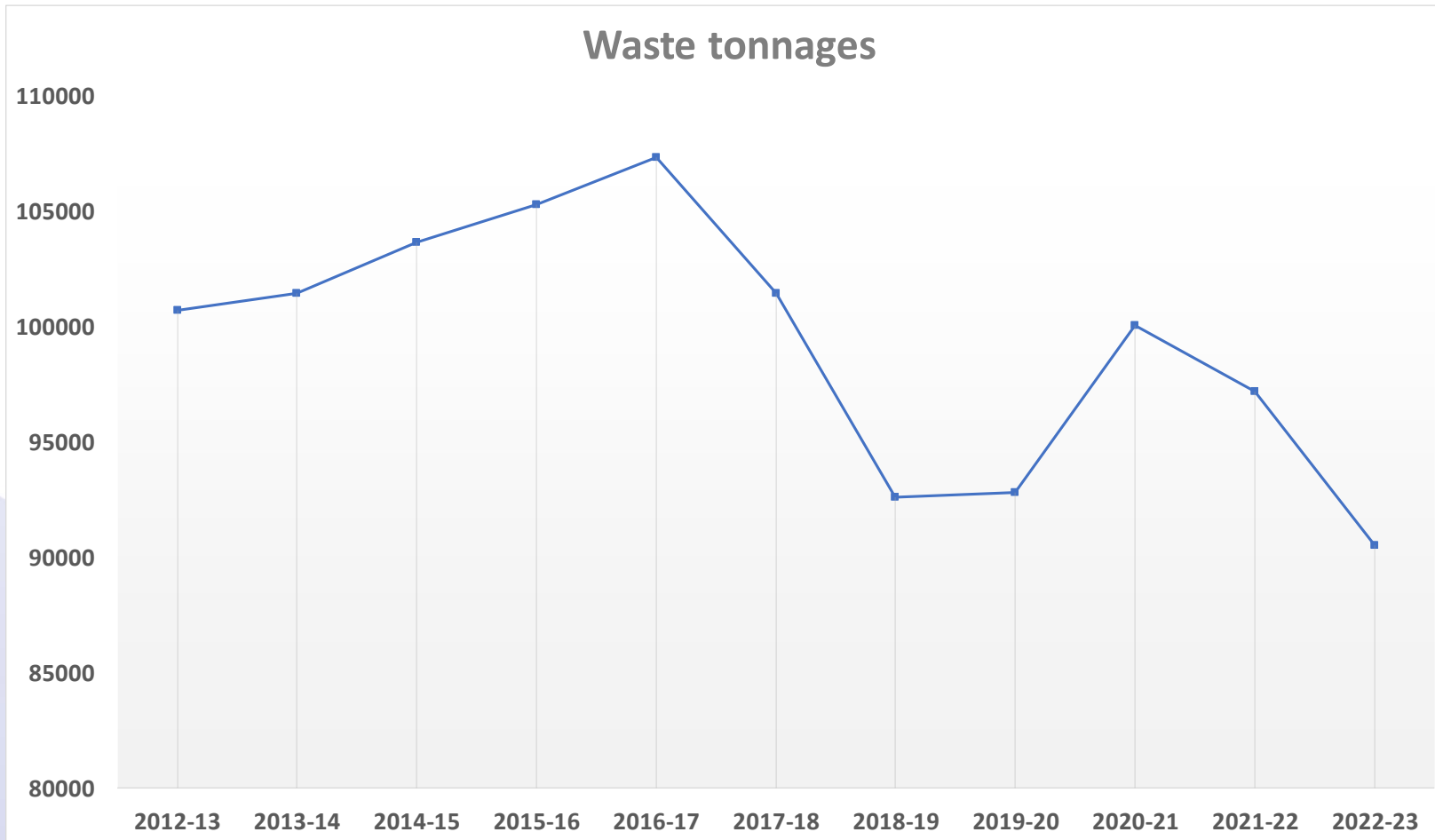
1. work with residents to reduce rubbish produced
2. maximise the amount of rubbish that is reused, recycled or composted
3. ↓ landfill ↑ EfW
4. reduce our carbon footprint through better management of our rubbish

Changing our thinking ...
away from rubbish and
towards a resource

North Tyneside
Waste Management Strategy
2013-2030

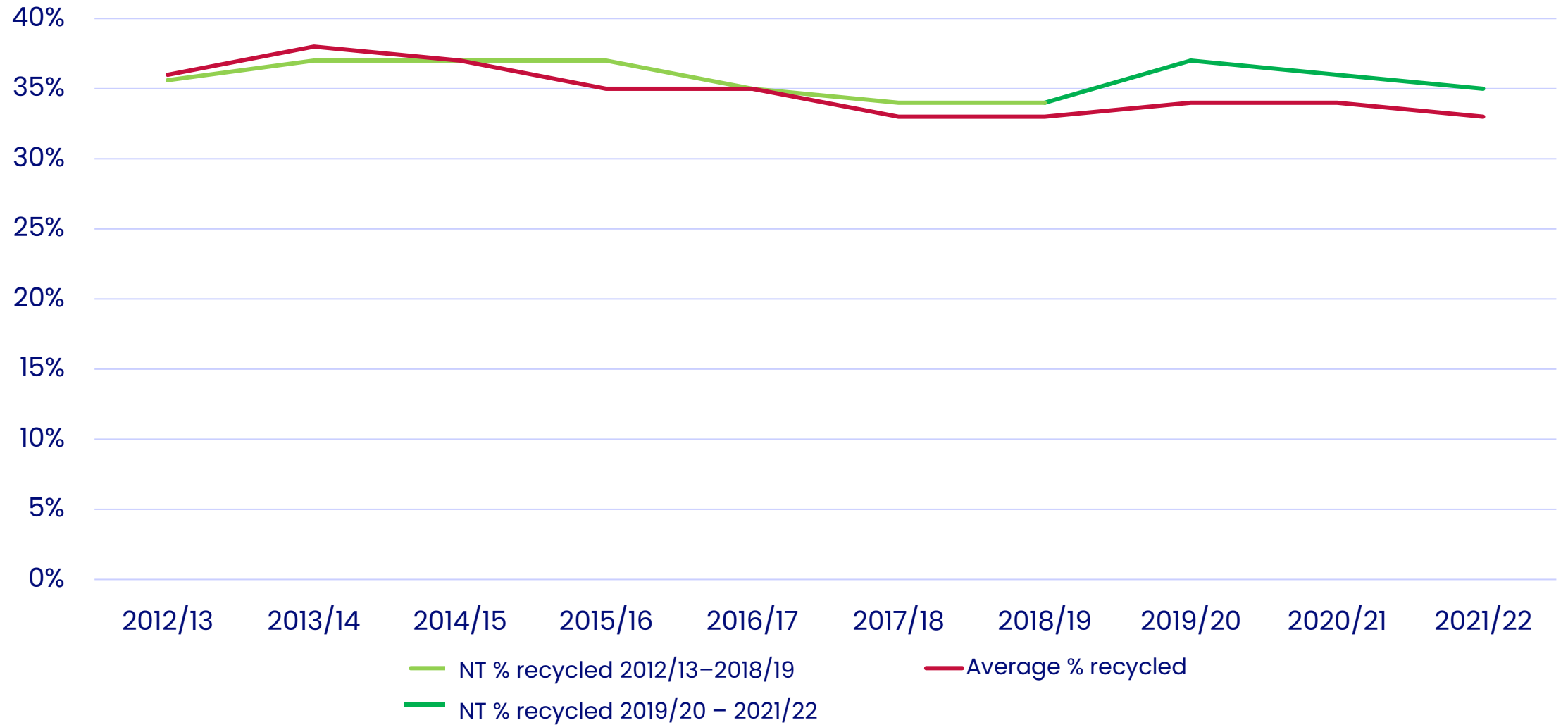


North Tyneside Council



- Economy
- Housing growth
- HWRC restrictions
- Frequency of collections
- COVID
- Economy

% waste recycled including from HWRC





North
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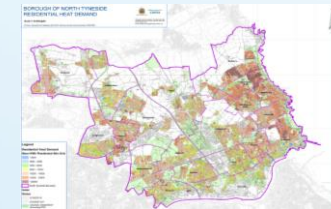
Heat and Power

Michael Keenlyside

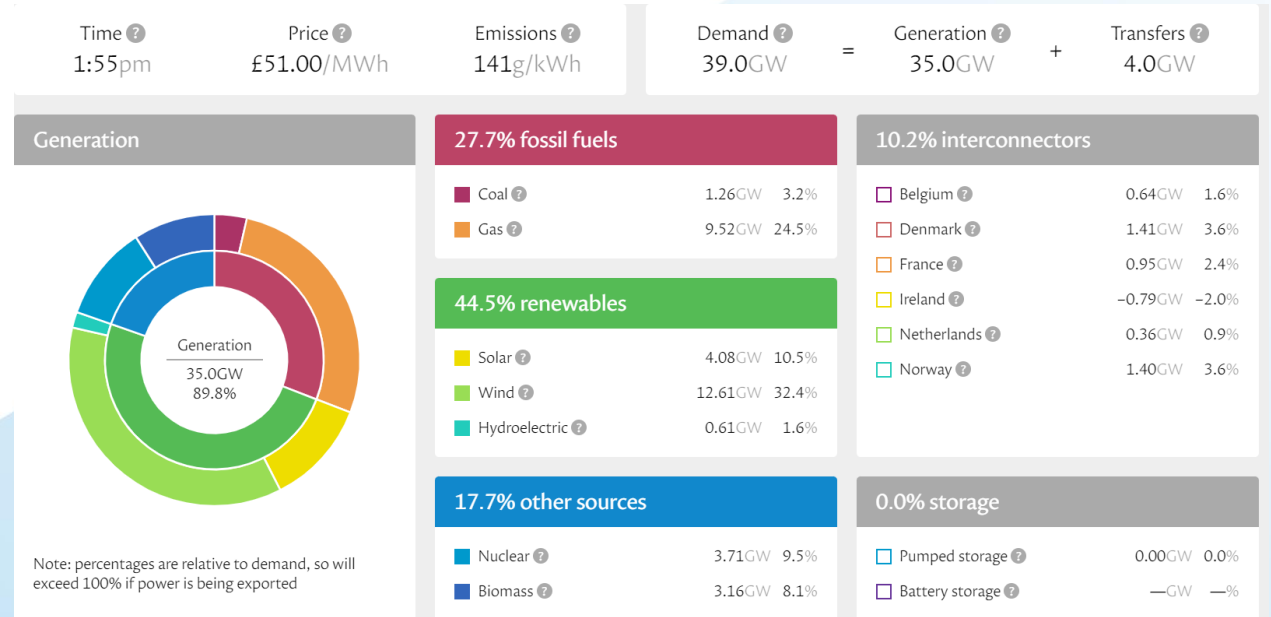
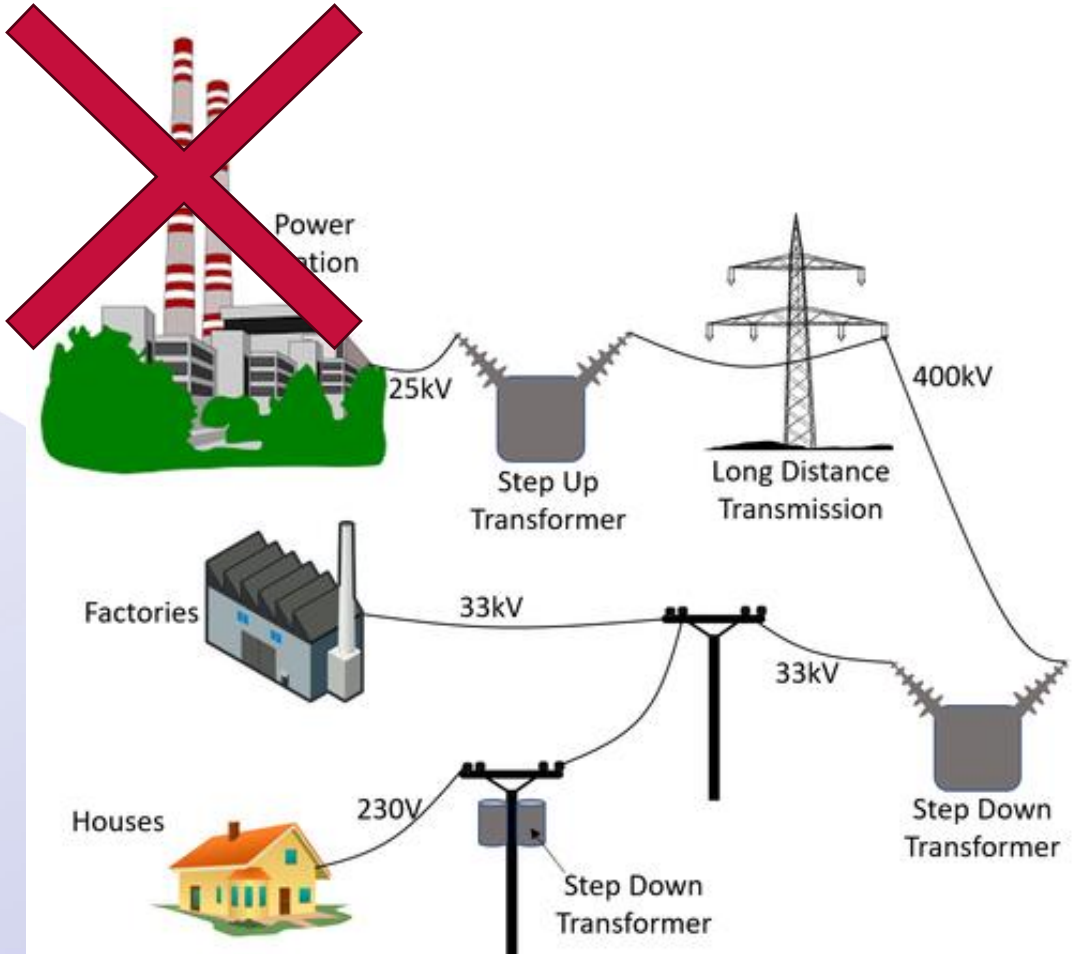
Senior Environmental Sustainability Officer

Why do we need to decarbonise heat and power?

- Net Zero targets -----
- Size of the challenge -----
- **No silver bullet solution**
- Poor energy efficiency -----
- Incentives and workforce -----



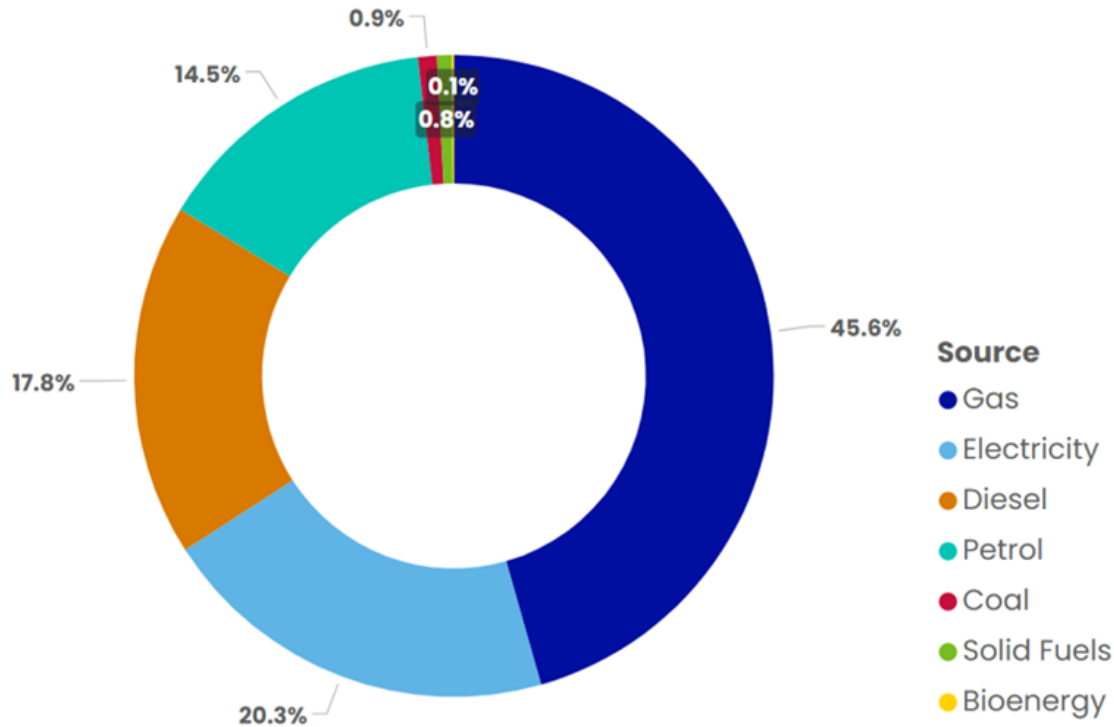
The Decarbonisation of Power



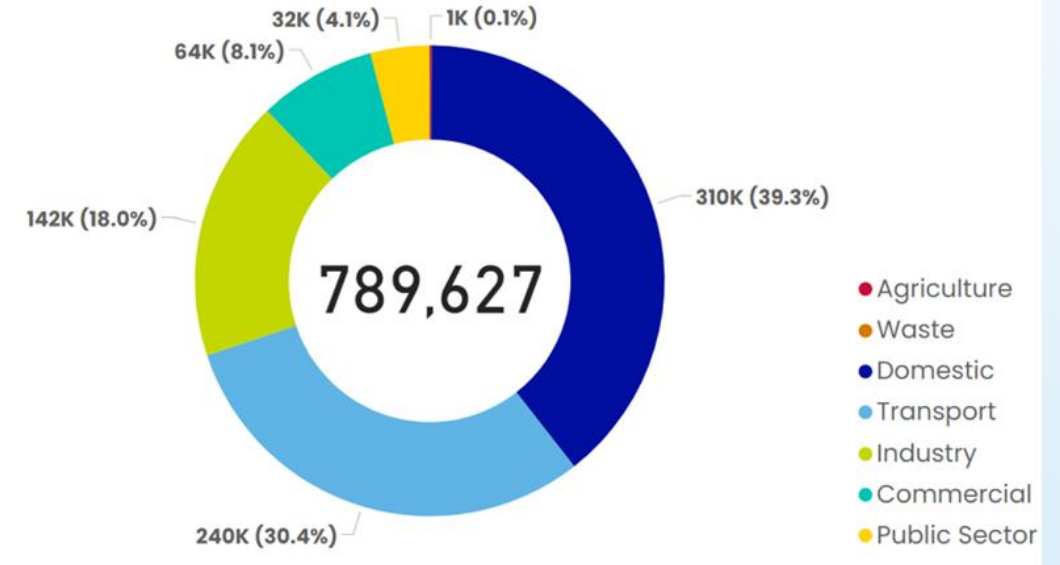
<https://grid.iamkate.com/>

Why Focus on Heat Decarbonisation ?

North Tyneside Borough Emissions 2021 by Source



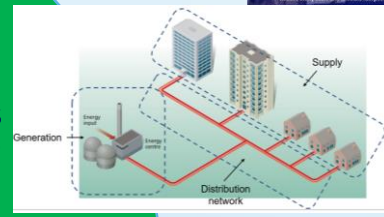
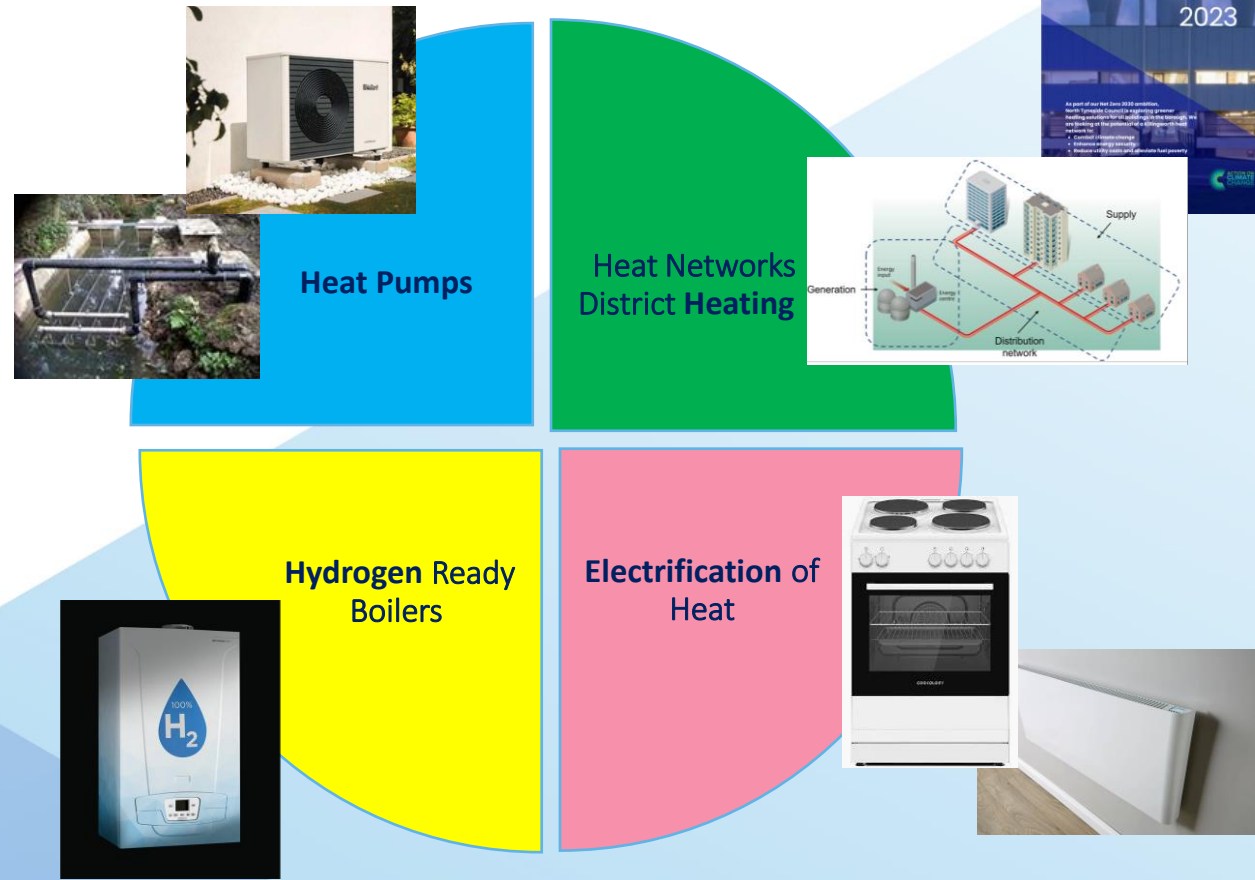
North Tyneside Borough Emissions 2021 by Sector



1,074.6 GWH Domestic Gas Consumption in 2022

574.0 GWH Non Domestic 2022

What options do we have to decarbonise heat?



Thinking about the heating system in your home, how much do you agree or disagree with the following statements?

1. System meets my household's heating needs
2. The running costs of the heating system are acceptable
3. My heating system is environmentally-friendly

You each have 2 paddles **green for YES / red for NO**

Which of the following heating technologies have you heard of?

1. Biomass boilers
2. Hydrogen ready boilers
3. Air source heat pumps
4. Ground source heat pumps
5. Heat Networks / District Heating

You each have 2 paddles **green for YES / red for NO**
Less than 5% of home heating is currently classed as low carbon

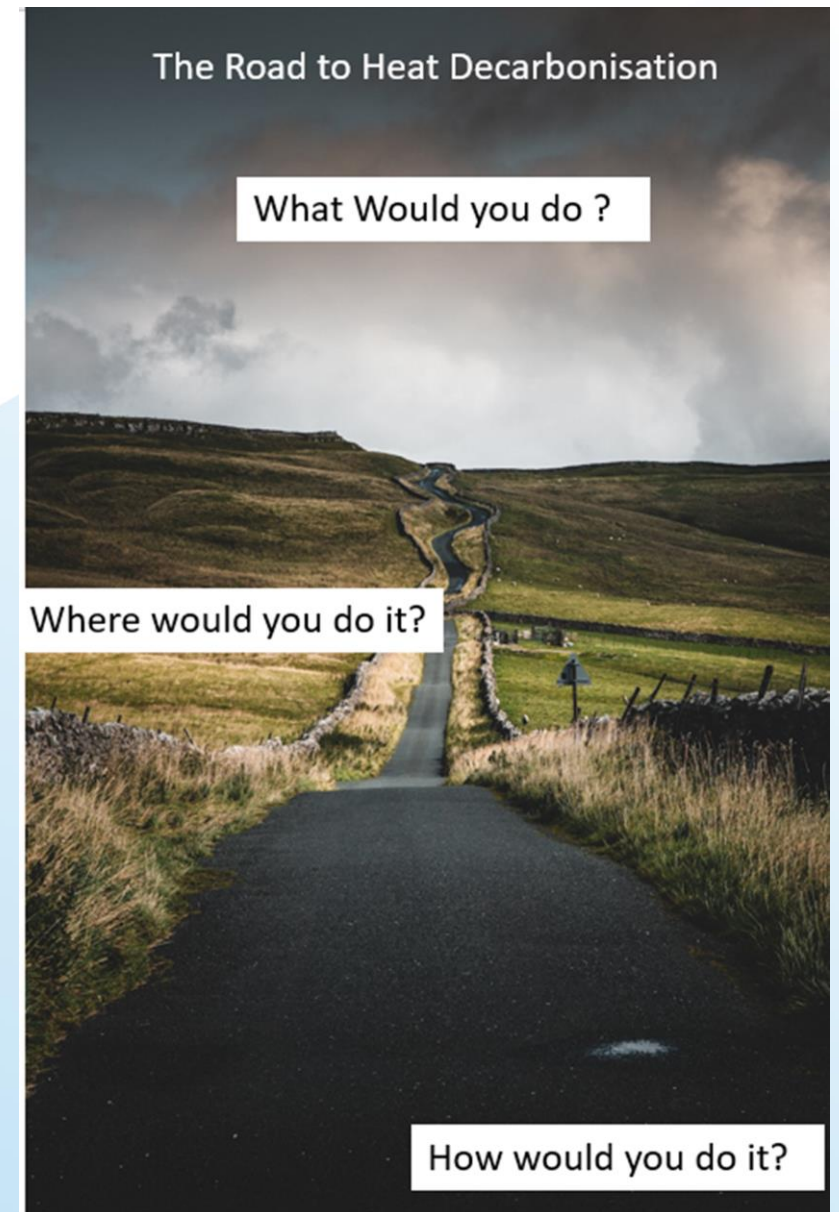
If you were considering replacing your current heating system with a greener and more environmentally-friendly one, to what extent, if at all, would you agree or disagree with the following?

1. I can obtain reliable advice or guidance about greener and more energy-efficient heating options
2. I will get a high-quality installation
3. The up-front costs of appliances and the installation will be affordable
4. The bills and maintenance of the heating system will be affordable
5. It would meet my heating needs

There are 29 million existing homes in the UK that need to be upgraded to low carbon heating systems by 2050.

Any last thoughts...?

- What would you do to address heat..?
- Where would you do it...?
- How would you do it..?



For any further burning questions..?

Michael.Keenlyside@northtyneside.gov.uk



North
Tyneside
Council

Travel & Transport

Paul Watson

Head of Highways and Transportation

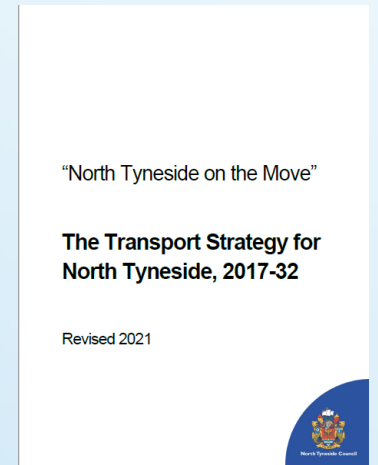


North Tyneside on the Move

- ❑ Our North Tyneside Plan 2021–25 is based around 5 themes:
 - ❑ a thriving,
 - ❑ secure,
 - ❑ family-friendly,
 - ❑ caring and
 - ❑ green North Tyneside

- ❑ The North Tyneside Transport Strategy reflects these themes in its overall vision:

“Moving to a green, healthy, dynamic and thriving North Tyneside”



Policy context

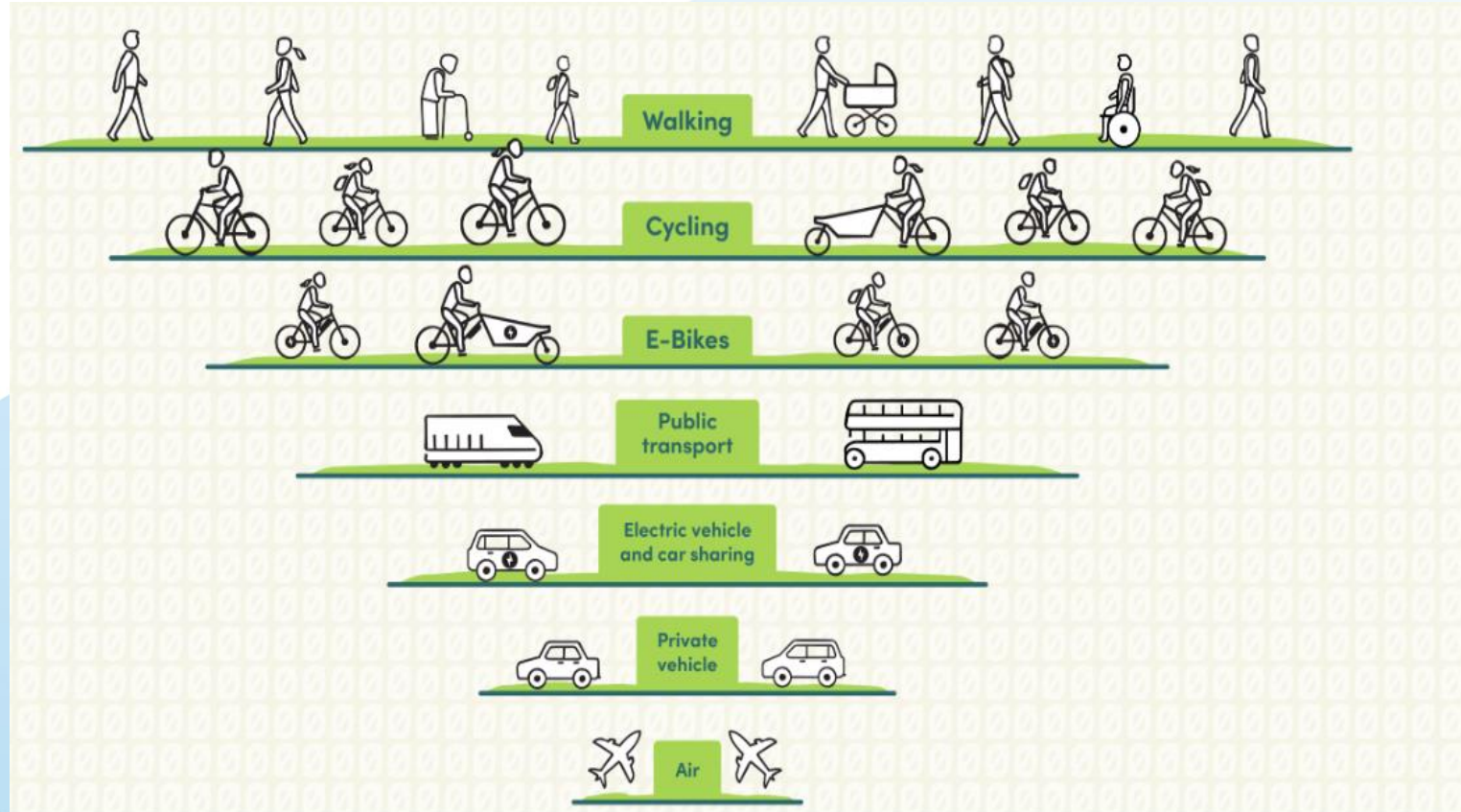
National – regional (North East Transport Plan) – local

Principles of the North Tyneside Transport Strategy

- i. Reduce carbon emissions from transport
- ii. Improve health outcomes
- iii. Support inclusive economic growth
- iv. Improve connectivity
- v. Manage demand and enable smart choices for all

The importance of transport and travel in all of our lives

- ❑ Supports the economy
- ❑ Society
- ❑ Communities



What is Clean Transport?

- ❑ Clean transport aims to reduce emissions and waste and to minimise the resources used to manufacture vehicles.
- ❑ It promotes a shift towards electric vehicles and sustainable travel, where transport is affordable, accessible, and efficient.

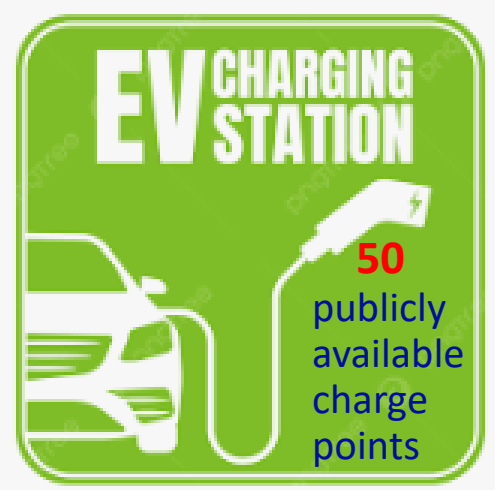
Carbon Footprint Facts – Transport



30.5% of North Tyneside’s carbon footprint



3280 EV in NTC
Against 101,000
registered vehicles



14,500 by 2025 and 46,000 by 2030

450 by 2025 and over 1,000 by 2030

What we are doing

- ❑ Clean transport covers all of the following:
walking, wheeling, cycling, e-bikes, bus, Metro, Shields Ferry, and switching from car to electric car
- ❑ Some of the initiatives being delivered regionally and in North Tyneside are:
improving infrastructure; School Streets; bidding for funding for EV chargepoints and electric buses; new day tickets valid on bus, Metro and Ferry

Activity 1

Do you have an electric vehicle (EV)?

Are you planning to switch to an EV in the short term?



What we are doing

- ❑ Some of the promotional activities being delivered regionally and in North Tyneside are:

Go Smarter; Summer of Cycling; social media promotions; promoting the opening of new infrastructure and its links to regeneration in the borough

Activity 2

Do you think the council is doing enough to promote clean transport?



Thank you

Please send any highways or transport enquires to
paul.watson2@northtyneside.gov.uk



North
Tyneside
Council

The Natural Environment

Andrew Murrell
Environmental Sustainability Project Officer



Marden Quarry

What do we mean by Natural Environment?

A network of multi-functional blue and green spaces and features which can deliver **quality of life** and **environmental benefits** for urban and rural communities.



Killingworth Lake

What do we mean by Natural Environment?

Rivers
Streams
Canals
Lakes
Reservoirs
Ponds
Floodplains

Parks & playing fields
Woodlands
Street trees
Allotments
Private gardens
Sustainable drainage
systems (SuDS)

Why is our Natural Environment Important?

Environmental benefits

- Improved visual amenity
- Improved air quality
- Reduced flood risk
- Better water quality
- Improved biodiversity
- Reduced ambient noise
- Reducing atmospheric CO2



Northumberland Square

Economic Co-benefits

Improve green spaces in urban areas



Reduce flood risks



Encourage
Inward
investment

Encourage
tourism

Lower
healthcare
costs

Social Co-benefits

Improve blue spaces in parks



Better water quality



Encourage physical activity

Improve mental health

Increase community pride

What is the Council Doing?

Green Environment

We've planted 12,000 trees as part of the North East Community Forest



What is the Council Doing?

Green Environment

We've launched a Community Orchard fund so groups can fill their green spaces with fruit trees



What is the Council Doing?

Green Environment

We've redeveloped Northumberland Square as a greener space in North Shields



What is the Council Doing?

Green Environment

We've improved conservation grassland around Wallsend Dene



What is the Council Doing?

Green Environment

Ensuring new major developments incorporate sustainable drainage systems (SuDS) within their designs



What is the Council Doing?

Blue Environment

We've strengthened sea defences at the coast



What is the Council Doing?

Blue Environment

We've delivered over 30 flood alleviation schemes, including Killingworth Lake, Green Lane Dudley, and Backworth Golf Course



What is the Council Doing?

Blue Environment

We're creating areas for wading birds at Rising Sun Country Park and Wallsend Dene



Activity 1: What should we be prioritising?

1. On your tables is a list of Natural Environment areas we could focus on
2. You'll each be given three stickers
3. Place your stickers under the three areas you think we should prioritise



What would you be willing to do at home?

You each have a Yes/No card

 Green for **Yes**

 Red for **No**

What would you be willing to do at home?

Have a 'no mow' area in your garden, if you have one

Encourages local wildlife and helps reduce water run-off.



What would you be willing to do at home?



Create a 'rain garden'

An area of water-friendly plants and free running soil which receives water from roofs and other hard surfaces.

What would you be willing to do at home?

Install a water butt

Stores rainwater for droughts and helps reduce surface water pooling on hard surfaces.

Residents can get half price water butts via our website



What would you be willing to do at home?



Install a downspout planter

Attaches to your drainpipe so plants are watered via your guttering.

Saves water and reduces run-off.

What would you be willing to do at home?

Install a green roof

Reduces temperatures of the roof surface and surrounding air.

Stores rainwater and reduces run-off.



What would you be willing to do at home?

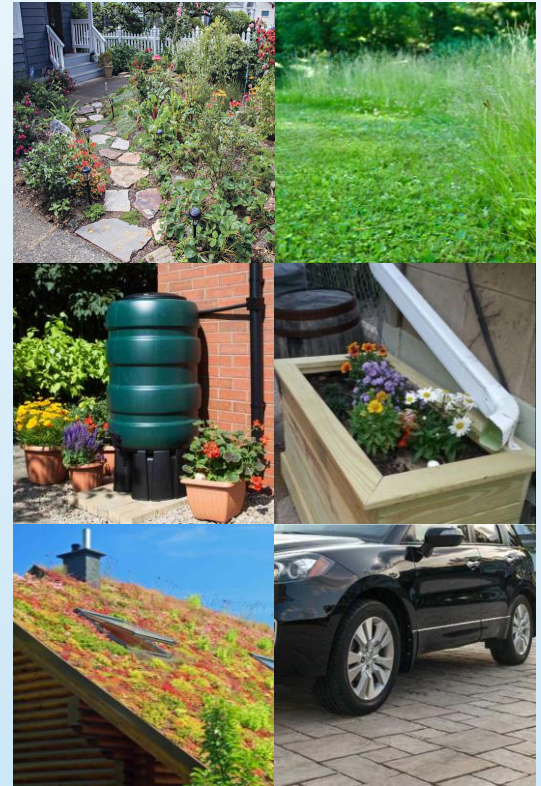


Install a permeable driveway

Allows surface water to drain through your driveway and reduces flooding.

Activity 2: What might be the barriers to doing these at home?

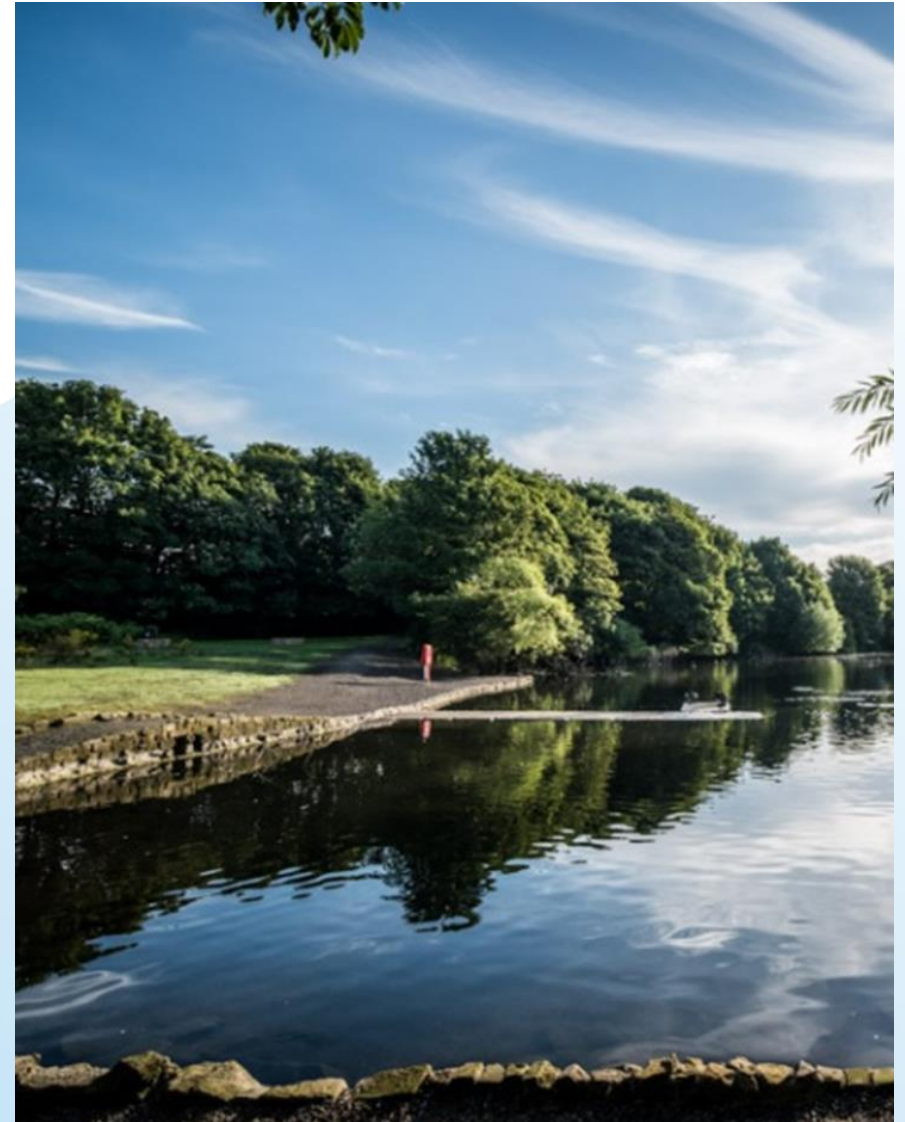
1. There are some post-it notes on your tables.
2. Write down anything that may prevent you from doing these measures at home.
3. Stick the post-it note to your activity sheet.



Thank you

Andrew Murrell

Environmental Sustainability Project Officer
andrew.murrell@northtyneside.gov.uk



Marden Quarry



North
Tyneside
Council

Reduction, Reuse and Recycling of Waste engagement event

Anneliese Allen-Norris

Environmental Sustainability Manager: Climate
and Waste Strategy

Laura Manley

Waste Strategy Officer

Anton Caldwell

Environmental Sustainability Data Officer

February 2024

Changing our thinking ...
away from rubbish and
towards a resource



North Tyneside
Waste Management Strategy
2013-2030



North Tyneside Council

Why we're here

NTC POLICY TIMELINE WASTE



2023
Simpler Recycling
Regulations published

March 2025
Food waste collections for
Businesses and non-
domestic premises

October 2025
Deposit Return Scheme
Incentivised return system for
beverage containers

October 2025
Extended Producer responsibility
New rules for producers to manage
the entire life cycle of their products

March 2026
Weekly food waste
collections for all households
in England

March 2027
Collections for all Plastic Films

2030
North Tyneside Carbon Net
Zero Target



Engagement



School kids come up with quirky names for recycling wagons



Help us reduce waste

Look out for recycling stations inside the Priory, where you can recycle empty plastic bottles and drinks cans, clean cardboard and foil in the purple wheelie bins. All other items should go in the general waste bins on the site. Recycling bins can also be found around Tynemouth village and outside Tynemouth Station.

If you have a reusable water bottle with you, you can re-fill it from the fountain to the side of the Gibraltar Rock located just outside of the public toilets.

Priory Shows FAQs

Where can I buy tickets?

Remaining tickets are available from See Tickets and Ticketmaster. Re-sale tickets may be available from See Tickets Fan to Fan Marketplace and Twickets.

What if my tickets don't turn up?

We are unable to deal with ticket issues unless we have been notified of changes by the ticket provider. If you have lost tickets or your tickets do not arrive in time, you must contact the ticket company ahead of the event.

What time are the concerts?

Gates open at 6pm. Support acts start at around 7pm. Concerts finish by 10pm. For Sunday afternoon, gates open at 11.45am and the concert finishes by 7pm.

Can I bring my own food and drink?

Food and drink is available on site (see page 11) but people can also bring their own. Alcohol is allowed in moderate quantities. Glass and BBQs are NOT permitted. Bag searches will be conducted.

Is there any seating inside the Priory?

No, they are standing concerts. We have an accessible viewing area for those with disabilities and additional needs, with spaces on a first come first served basis. People can bring camping chairs but should be mindful that views may be restricted. Tents are not permitted.

Is the site accessible?

Yes it is. There is a path all the way into the Priory which leads to a raised viewing area, if required. There are accessible toilets on site.

If I need to leave the concert can I get back in?

There is no re-admittance once you have entered the Priory.

Is there a cash machine?

There is no ATM on site. Street food traders and the bar all accept card payments.

Are dogs allowed?

No dogs are allowed on site, except guide dogs.

Is smoking allowed?

No smoking is permitted.

Can I take photos?

Yes. Capturing photos for personal use is fine. Photography or filming for commercial use is not allowed without prior authorisation.



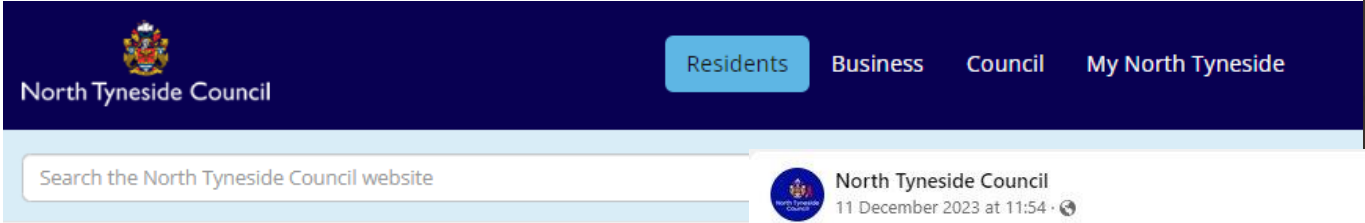
limited in and around Tynemouth Village. use public transport where possible. there are limited blue badge parking spaces. please note Front Street will be closed

Engagement



WINTER 2023

my.northtyneside.gov.uk NTCouncilTeam



[Residents](#) / [Rubbish and recycling](#) / A to Z of rubbish

A to Z of rubbish



A

Aerosols

- Before recycling, make sure the aerosol is completely empty and crush
- Place aerosols in the main part of your grey recycling bin
- For shared recycling facilities, place them in the mixed recycling
- They can also be recycled at the Household Waste Recycling Centre

Air beds

- Air beds are made from plastics that currently can't be recycled

North Tyneside Council
11 December 2023 at 11:54

We've installed 33 new recycling points for small electrical items and 15 vape tubes at locations across the borough, including council buildings, schools, and community centres.

It's part of a campaign to reduce e-waste and make sure the materials inside these items are properly recycled.

Read more and find your nearest drop-off point here:
<https://tinyurl.com/e-wastecampaignNT>



101 33 30



Welcome to the Watch House: page 5

What's on this Christmas: pages 10-11

Cost of living help - Special pull-out section: pages 19-22

Stick this on your grey bin

Not sure what you can recycle?
Call Envirolink on 0345 2000 101 or visit www.northtyneside.gov.uk

<p>In the inner caddy</p> <p>mixed glass bottles and jars</p>		<p>In the main part of the recycling bin</p>			
<p>No thanks X</p> <p>Batteries Clothing/Bedding Plastic bags Food waste Electricals</p>		<p>empty flattened cardboard</p>	<p>magazines, paper and envelopes</p>	<p>washed, squashed plastic bottles, tubs, pots and trays (no black)</p>	<p>clean, scrunched foil / foil trays</p>

Have your say!

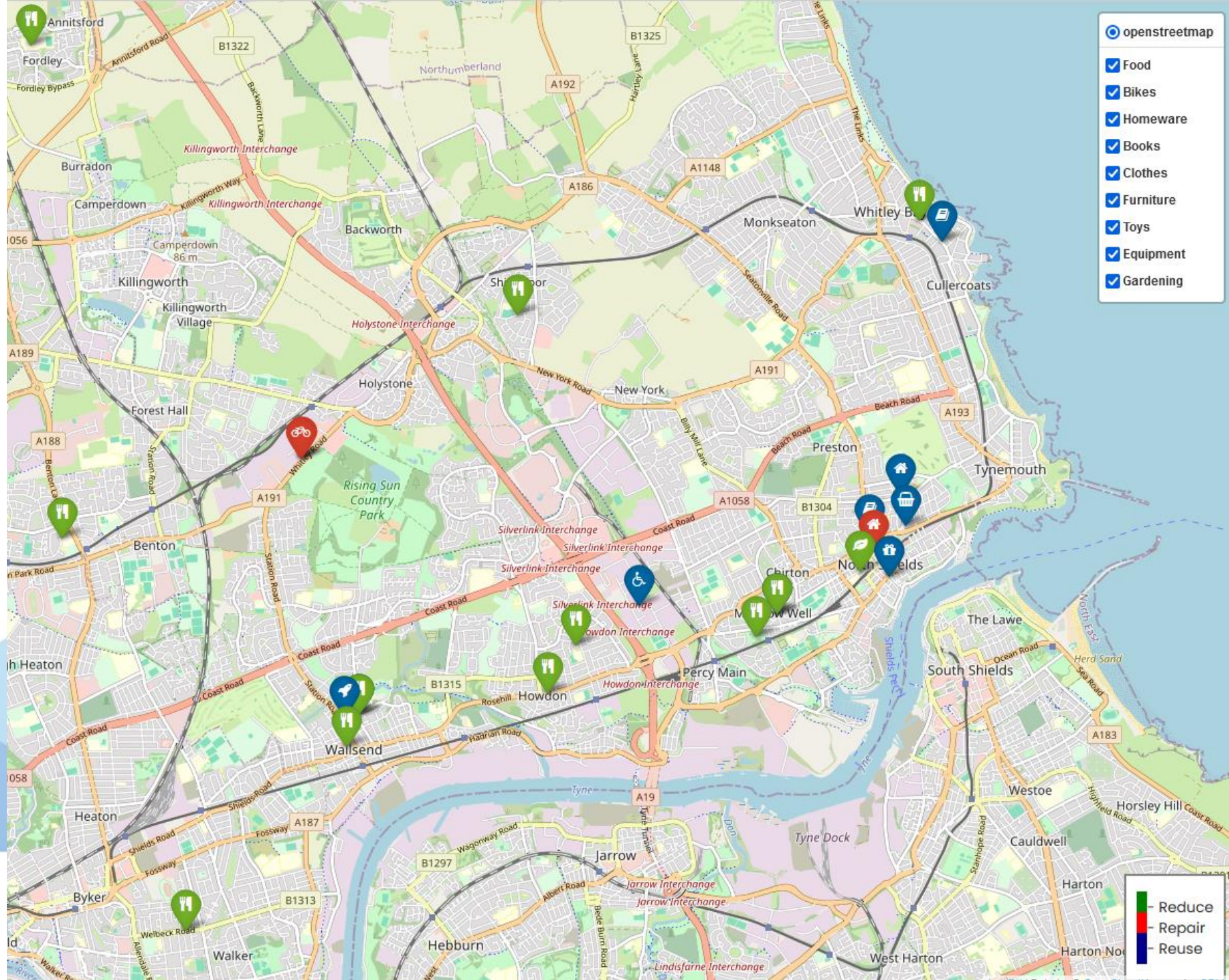
(use the Red / Green cards on your table)



Are you aware of what you can recycle at home?

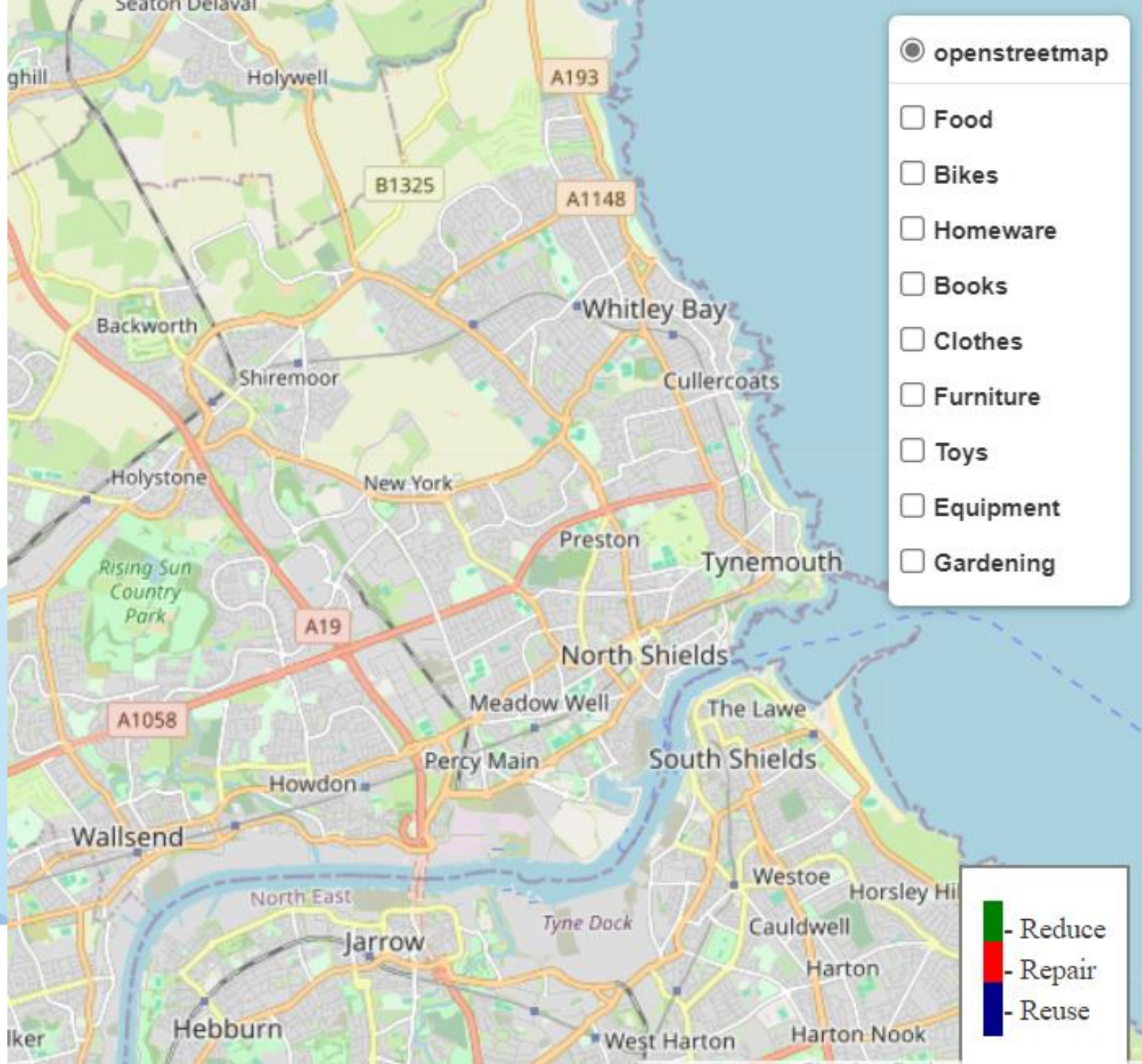
Do you know we have a map of where you can recycle?

New Reuse & Recycling Map



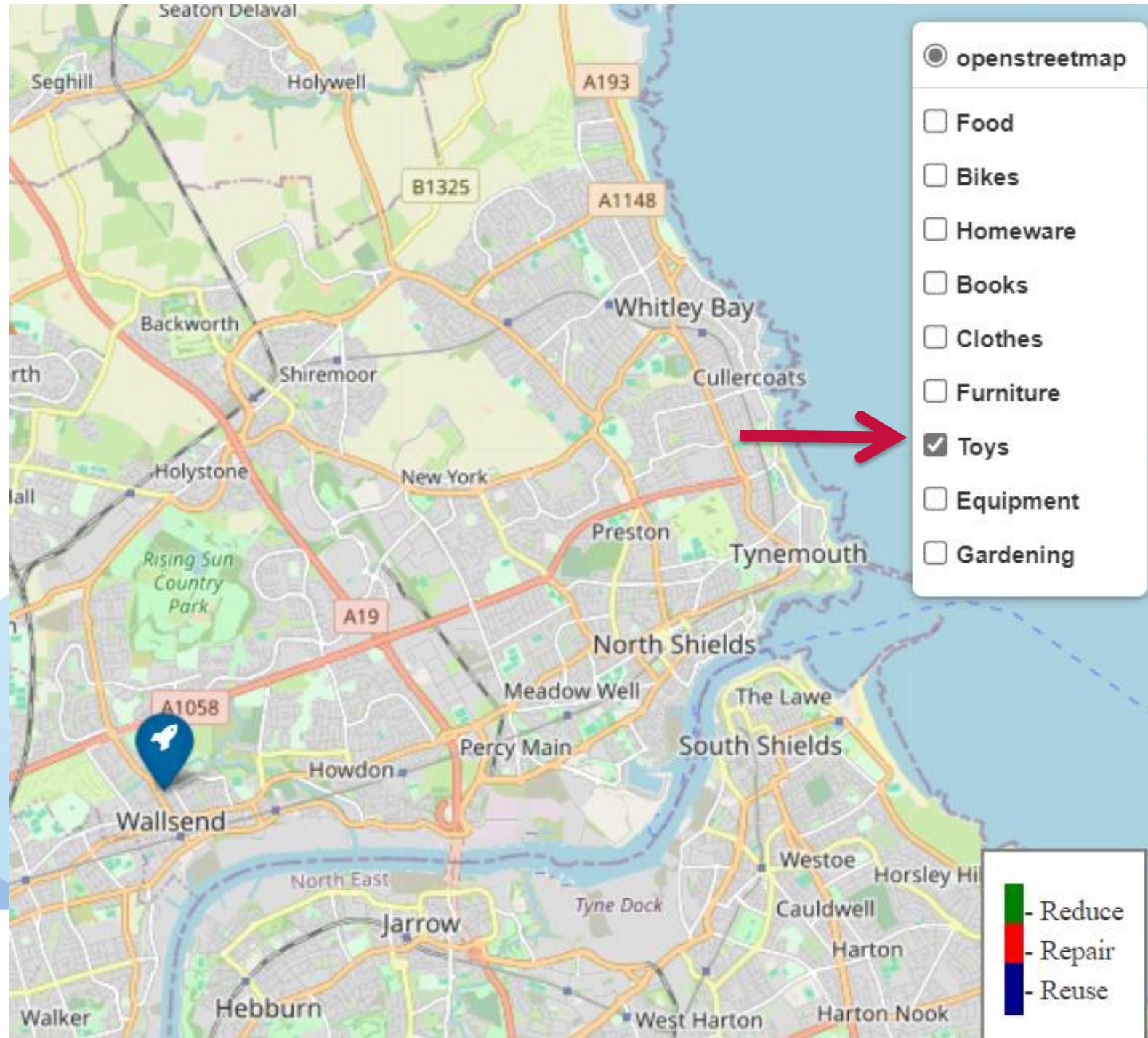
New Reuse & Recycling Map

"I want to borrow some toys for a children's party"



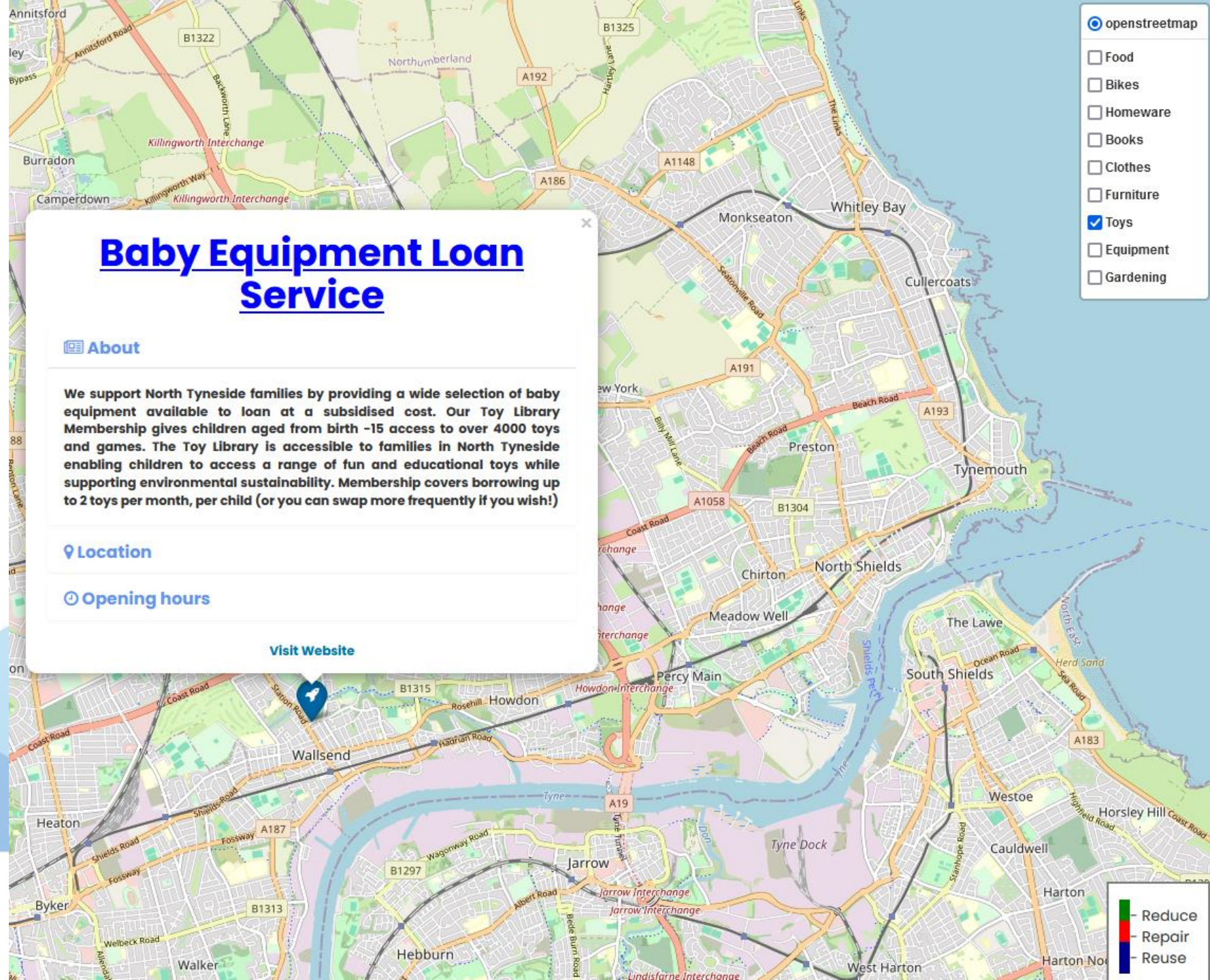
New Reuse & Recycling Map

"I want to borrow some toys for a children's party"



New Reuse & Recycling Map

- Think about what you buy
- Find North Tyneside businesses
- Save money and the planet



Have your say!

- 1. How can we improve our reuse & recycling map?**
- 2. How can we support businesses and residents to reduce what they buy and reuse more?**
 - **Tool kits**
 - **Forums – in person / on-line**
 - **Recipe cards etc**

On your tables...

Reuse in North Tyneside – what are we missing?

Reuse Opportunities in North Tyneside

We are busy mapping all the local initiatives which promote reuse and repair.

Please **write down any local initiatives** we may have missed at the end of this document.

Clothing & Textiles

Name	Background
Charity Shops	Local charity shops and their important role in reuse
Grass Boots @ Life Vineyard Church, Wallsend	Donation & redistribution of nearly new sports and school footwear
Kit Hub	Donation & redistribution of used activewear, recently expanded with new recycling points. Every Thursday 10am-12pm at the Cedarwood Trust
Restoration Chapel, Norham Road	Donation & redistribution of used clothing
School Uniforms	Donation & redistribution of used school uniforms from local schools. See Uniforms for similar projects
Swap/Swish Shops	Hosting and supporting local swap shops
Walking With	Donation & redistribution of used clothing

Food & Drink

Name	Background
Allotments	Local allotment groups who promote composting and food redistribution.
Bread & Butter Thing	Mobile food clubs which redistribute surplus food. Locations at Howdon Hub , Fordley Primary School , Shiremoor Adventure Play Park , and Longbenton Community Centre .

Community Gardens	Organisations such as Station Masters' Garden and Lowlye Community Garden hold nature events and promote sustainable food
Eat Smart	School campaigns to reduce food waste. Current campaigns are in Richardson Dees, St Stephen's, and Collingwood primary schools
Fare Share	A charity which helps redistribute surplus food.
Food Banks	The Bay Food Bank Walking With People's Kitchen
Food Fix	Redistributing surplus food from council buildings to 3 rd sector organisations.
Greggs	Greggs donates some of its surplus food to local charities, including Howdon Hub
Grow & Eat	NTC & VODA help communities grow food
Refill Shops	Local refill shops, such as Buy the Kilo
Social Supermarkets	Social supermarkets, such as Cedarwood Trust
Surplus Food Apps	Food saving apps, such as Too Good to Go and Olio
Water Fountains	Local water fountains, highlighted on the NTC water fountain map
Water refills	Local businesses, working with Refill, to display window stickers showing customers they can refill their water bottles

Garden

Name	Background
Composting	Subsidised compost bins from North Tyneside Council, in collaboration with Get Composting

	See Brighton & Hove Food Partnership for an example community composting scheme
Hot Bin	Promote Hot Bin as a potential composting option
Water butts	Half price water butts from North Tyneside Council, in collaboration with Get Composting

Hygiene

Name	Background
Period Products	The Government's period product scheme for schools includes sustainable products
Real Nappies	£30 cashback on reusable nappies from north Tyneside Council, in collaboration with Fill Your Pants Nappy libraries, such as UK Nappy Network and Green by the Bay

Things

Name	Background
Aids for daily living	Collected and cleaned by North Tyneside Council and redistributed to Adult Social Care services
Beach toys	Beach toy recycling boxes are in place by the coast. Boxes are made from reused pallets.
Bicycles	Bicycles taken to the Household Waste Recycling Centre are refurbished and redistributed to local community groups Local bicycle repair schemes, such as Whitley Bay Hub's Bike Café
Junk Mail	Residents can remove themselves from junk mail registers, using advice from Citizens Advice
Repair cafes	Local repair cafes, such as Whitley Bay Hub's fixit café.

Food Waste Recycling

Businesses and non-domestic premises (e.g. schools, hospitals)

- by 31 March 2025
- (31 March 2027 for business with <10 FTE)



Collections for all households including flats

- by 31 March 2026
- **FREE weekly collections**
- all forms of cooked and uncooked food

Council will provide caddies and liners

- 5 or 7 litre for the kitchen, and
- 23 litre caddy for outside



Have your say!

(use the Red / Green cards on your table)

Would you use a food waste collection service?

What would prevent you wanting to use a food waste collection service?



Thank you

Anneliese Allen-Norris
Environmental Sustainability Manager: Climate and Waste Strategy
anneliese.allen-norris@northtyneside.gov.uk

Laura Manley
Waste Strategy Officer
laura.manley@northtyneside.gov.uk

Anton Caldwell
Environmental Sustainability Data Officer
anton.Caldwell@northtyneside.gov.uk



Finally...

- We have a digital questionnaire you might also like to complete. It can be found by clicking on this:



- Or, look at Have Your Say Page on our website & click on Current Engagement

<https://my.northtyneside.gov.uk/category/185/have-your-say>