

Scope 3 emissions: how Newcastle Hospitals, Northumbria Healthcare and Newcastle City Council are using supplier carbon data

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HM Government

UK OFFICIAL



The Newcastle upon Tyne Hospitals
NHS Foundation Trust

Global biodiversity loss, ecosystem collapse and national security

A national security assessment

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Key judgements

Analytical Confidence
Rating (AnCR)

- | | |
|--|----------|
| 1. Global ecosystem degradation and collapse threaten UK national security and prosperity. The world is already experiencing impacts including crop failures, intensified natural disasters and infectious disease outbreaks. Threats will increase with degradation and intensify with collapse. Without major intervention to reverse the current trend, this is highly likely to continue to 2050 and beyond. | High |
| 2. Cascading risks of ecosystem degradation are likely to include geopolitical instability, economic insecurity, conflict, migration and increased inter-state competition for resources. | Moderate |
| 3. Critical ecosystems that support major global food production areas and impact global climate, water and weather cycles are the most important for UK national security. Severe degradation or collapse of these would highly likely result in water insecurity, severely reduced crop yields, a global reduction in arable land, fisheries collapse, changes to global weather patterns, release of trapped carbon exacerbating climate change, novel zoonotic diseases and loss of pharmaceutical resources. The Amazon rainforest, Congo rainforest, boreal forests, the Himalayas and South East Asia's coral reefs and mangroves are particularly significant for the UK. | High |
| 4. Ecosystem degradation is occurring across all regions. Every critical ecosystem is on a pathway to collapse (irreversible loss of function beyond repair). | High |
| 5. There is a realistic possibility that some ecosystems (such as coral reefs in South East Asia and boreal forests) start to collapse from 2030, and others (rainforests and mangroves) start to collapse from 2050. | Low |
| 6. All countries are exposed to the risks of ecosystem collapse within and beyond their borders. Some will be exposed sooner than others and are likely to act to secure their interests, particularly water and food security. | Moderate |
| 7. Without significant increases in UK food system and supply chain resilience, it is unlikely the UK would be able to maintain food security if ecosystem collapse drives geopolitical competition for food. The UK relies on imports for a proportion of both food and fertiliser and cannot currently produce enough food to feed its population based on current diets. Countries best placed to adapt are those that invest in ecosystem protection and restoration, and resilient and efficient food systems. | Moderate |



Healthcare at its best
with people at our heart

Credit: Joel Pett
[Environmental Cartoons by Joel Pett](#) |
[Climate Action Reserve](#)

Net Zero Carbon Supplier – 5 step process

1. Share your views via annual supplier survey



2. Access support (via SmartCarbon, webinars, events)



3. Measure and report your carbon footprint



4. Publish Net Zero target (minimum 2040)



5. Publish a Carbon Reduction Plan



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SUSTAINABILITY
PARTNERSHIPS





Thank you from the buyers!



Step 3

So why do we want your
data?

[ps **BY 30 JUNE 2026**]

Carbon Reduction Plan

Supplier name: **Newcastle upon Tyne Hospitals NHS Foundation Trust**

Publication date: **26 September 2025**

Commitment to achieving Net Zero

Newcastle Hospitals is proud to be the first healthcare organisation in the world to declare a climate emergency and acknowledge the associated risk to patient health.

In 2020, we published a 5-year Climate Emergency Strategy¹ which included the following vision and goals:

Our Vision

To be a global leader in sustainable healthcare delivery through collaboration and innovation, helping our patients and communities to thrive within the means of our planet

Our Goals

To achieve our [vision](#) we have set three long-term goals:

1. Zero Carbon Care

- By 2030 the emissions we control will be net zero – our 'Newcastle Hospitals Carbon Footprint'
- By 2040 the emissions we can influence will be net zero – our 'Newcastle Hospitals Carbon Footprint [Plus](#)'

2. Clean Air

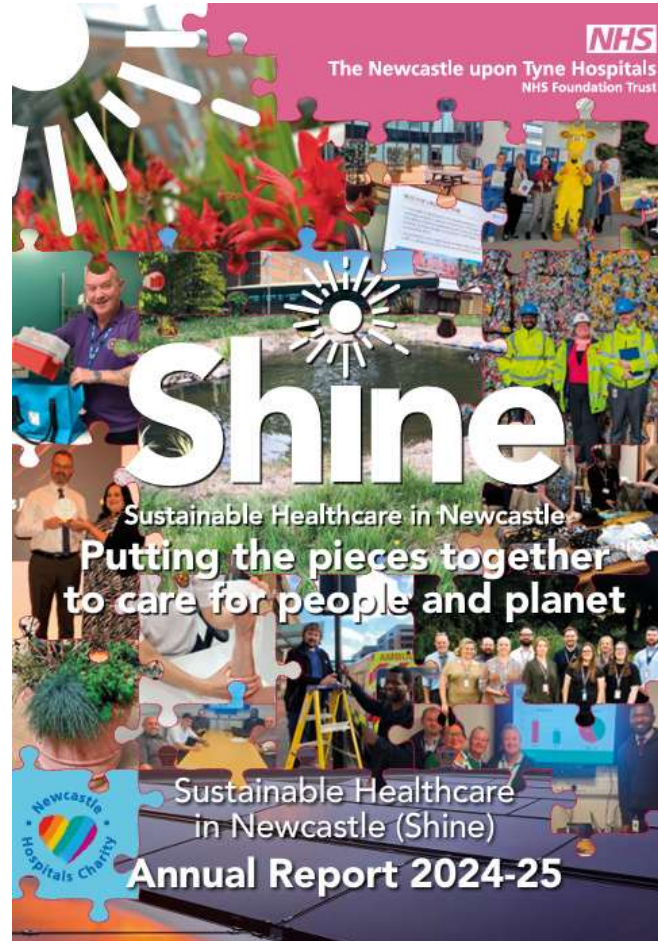
- By 2030 our operational transport activities generate no harmful air pollution
- By 2040 our healthcare facilities are accessed by *only* zero emission travel

3. Zero Waste

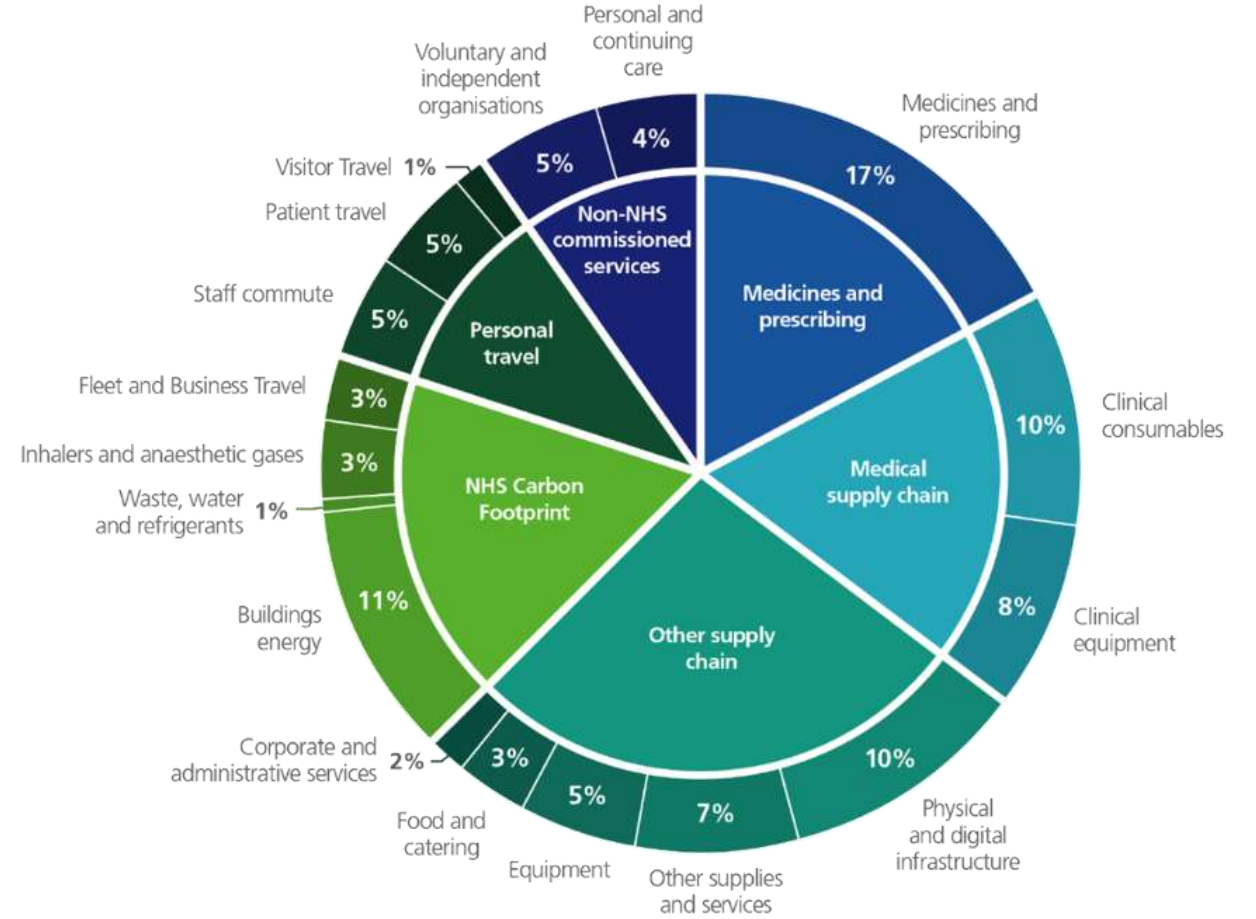
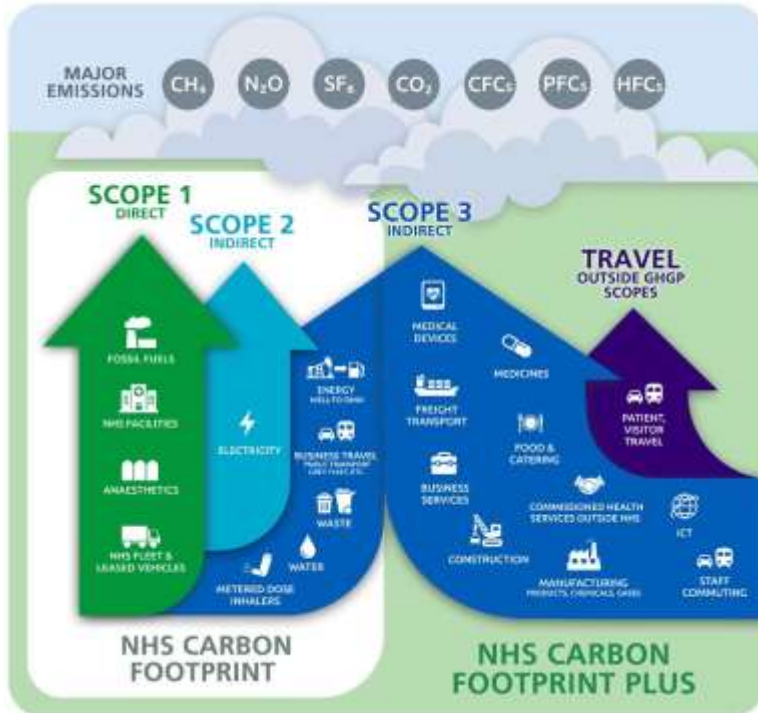
- By 2030 we will reuse and repair everything that can be reused and repaired
- By 2040 we will produce no waste. We will manage resources within the circular economy, with items surplus to requirements becoming a resource in another part of the system

These carbon targets are ahead of the NHS targets as set out in the Health and Care Act 2022 and Delivering a Net Zero National Health Service report.

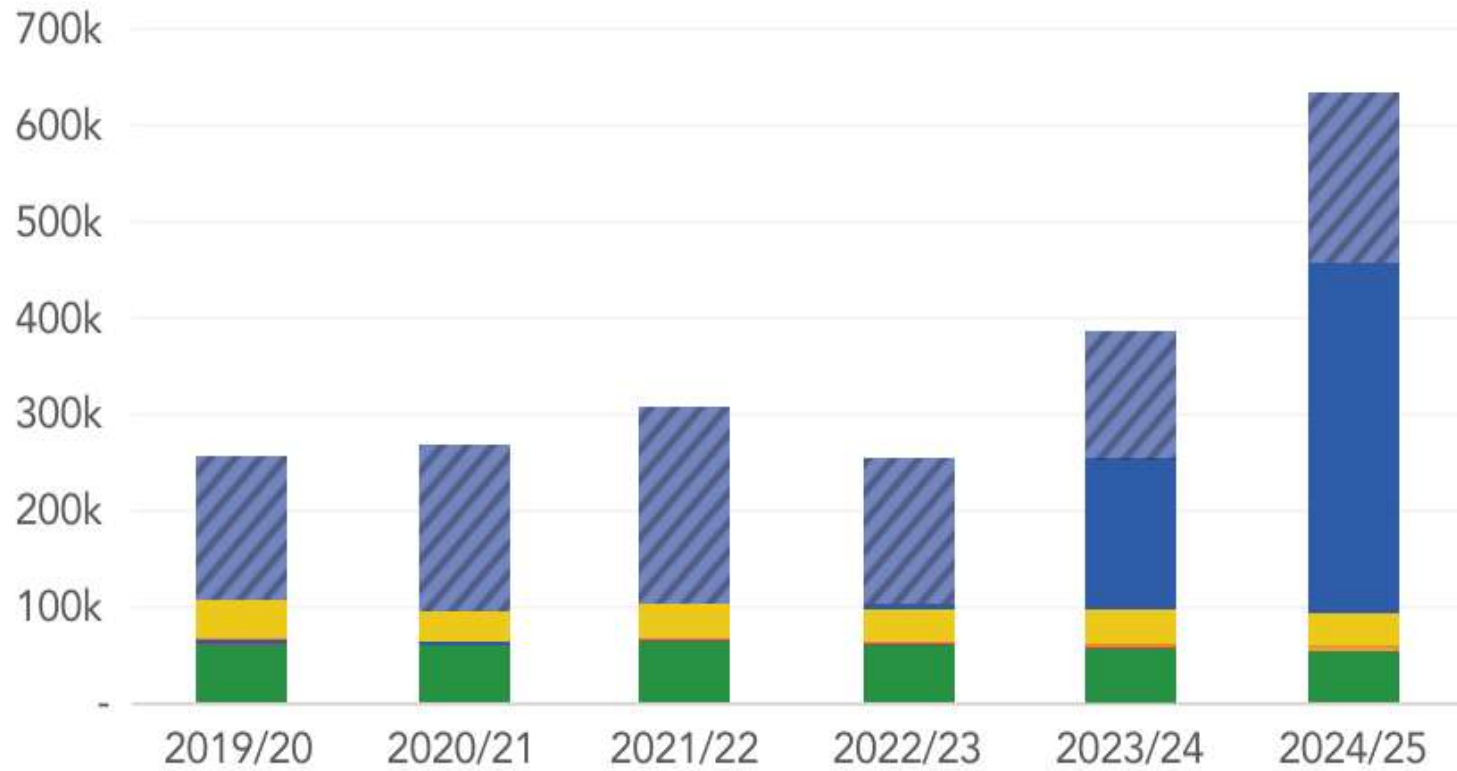
In 2021, we were the first healthcare organisation to become a signatory to the UNFCC Race to Zero².



Scope 3



tCO₂e



← **50% of spend**

- Building Energy
- Refridgerant gases
- Waste
- Water
- Anaesthetic gases
- Inhalers
- Travel
- Procurement (reported data)
- Procurement (estimated)

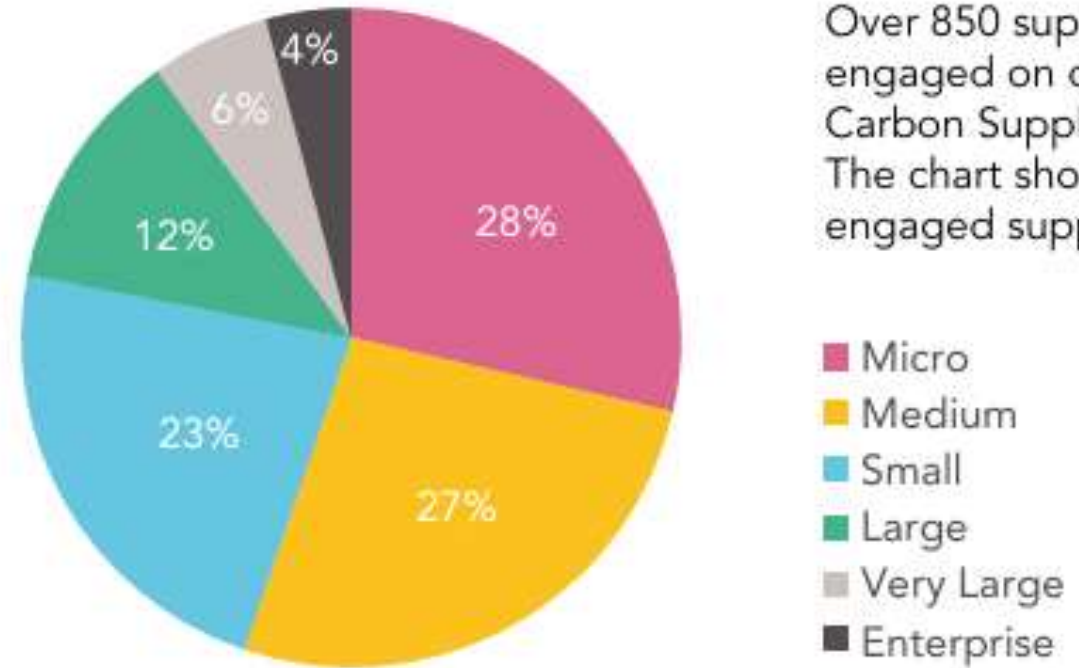


Summary

- Many of our emission sources are things we procure
- Analysis by NHSE (largely based on spend) suggests this is over 70% of the NHS carbon footprint
- When direct data is used (hybrid method) we see this might be even more significant
- If we want to get to net zero then we need our suppliers to get to net zero too
- **SEND US YOUR DATA BY 30 JUNE 2026**

Newcastle Hospitals progress

- 6th annual event: increased collaboration across the North East
- 850 suppliers engaged: 88% support our targets
- 50% of spend is reported data
- 291 suppliers reporting through Smart Carbon and researched our top 20 suppliers (where there are gaps)



Over 850 suppliers are engaged on our Net Zero Carbon Supplier Framework. The chart shows the mix of engaged suppliers by size.

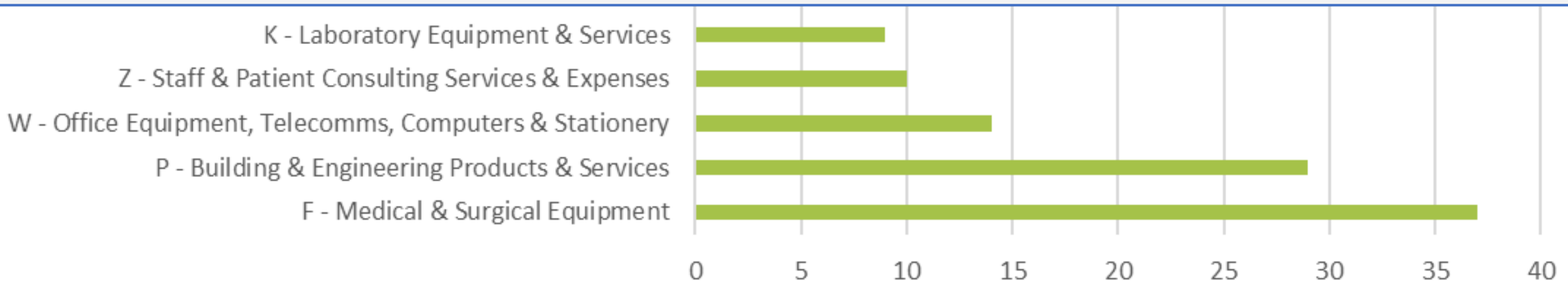
Figure 11: Mix of engaged supply chain companies by size



Northumbria Healthcare progress update



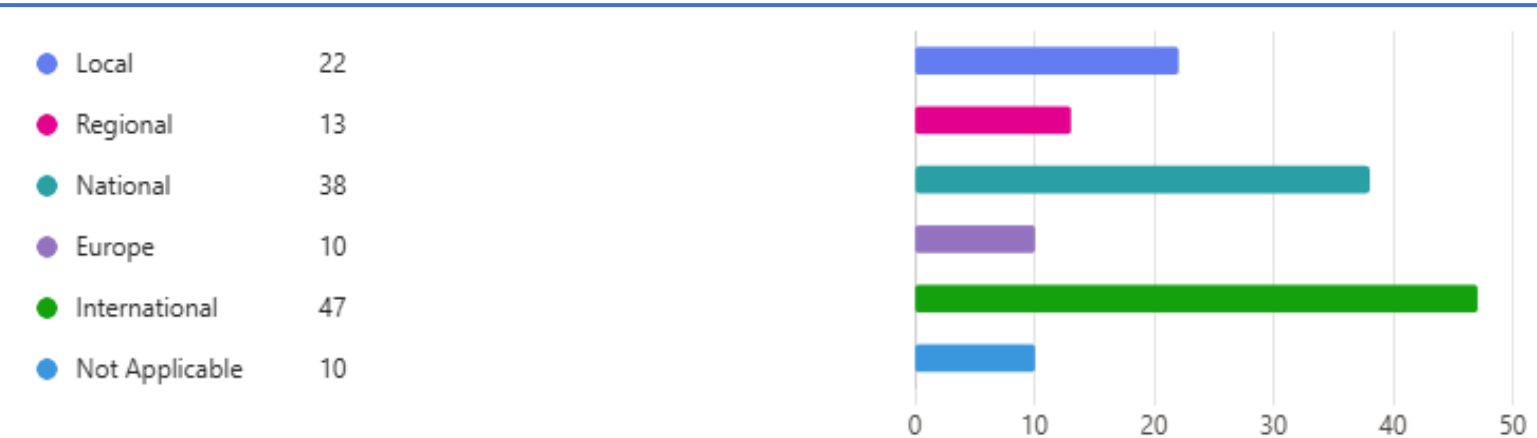
- 5,000 suppliers contacted - 140 responses
- 2.8% Completed the survey in 42 days
- 89% of suppliers engaged are current suppliers
- 21.9% of 2025-26 supply chain spend accounted for
- Top 5 e-class supplier categories below



- Majority of responses are from SMEs so far – 69%
- 13% of responses so far from > 500 full time employees and bigger so far
- 52% of suppliers operate within the UK

Next steps:

- Continued engagement: re-share survey around once more following event
- Target top 100 suppliers based on spend
- Offer supplier support & guidance in requested forms
- Create an FAQ document following survey questions
- Will incorporate supplier data into 2025-2026 carbon footprint scope 3.



Newcastle City Council's Supplier Reported Data

6% of 24/25 spend covered by **82** suppliers reporting to the Council on the Smart Carbon platform.

What we have done since our last event:

1. Emailed all suppliers to report their carbon information to the Council through Smart Carbon
2. Included questions around carbon reporting and carbon reduction plans in our Procurement Specific Questionnaire (PSQ) which is a mandatory, standardised pre-qualification document introduced by the UK Procurement Act 2023
3. Targeted our top 100 suppliers to report their carbon data to us
4. Hosted a webinar in June 2025 for more information on carbon reporting
5. Advertised support through the Going Green Together Programme for VCSEs
6. Created an FAQ document for specific supplier questions



Procurement Act 2023



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