

Carbon Reduction Plan Update on Progress (the full Carbon Reduction Plan can be found [here](#))

The below table sets out the County Council's Source Emissions, Action Area and Key Activities that have been carried out since the Carbon Reduction Plan was published in February 2023:

Source of Emissions	Action Area	Reported Activity
Property	Reducing emissions from energy use in property assets	<ul style="list-style-type: none"> • Property Improvements – Mill Adventure Base and Perlethorpe Environmental Education Centre improvements include solar panels, air source heat pumps, battery storage and installing building energy management system. • Notts Outdoors Education Service is already calculating its GHG emissions using the same LGA/Local Partnerships tool as the Council, and progress toward net zero continues with carbon reducing measures across the service's portfolio, such as the above. • Implementation of Christmas and other holiday closures at major offices. • Project planned and agreed for the installation PV solar and LED lighting at Mansfield Bus Station, work commencing May 2024.
Highways Assets	Reducing emissions from energy use in highways assets	<ul style="list-style-type: none"> • The 9 year LED streetlight conversion project completed with over 95,000 conventional sodium streets lights replaced with environmentally friendly LED lighting across the County's seven districts, cutting carbon emissions by 107,000 tonnes. • Ideas to further reduce emissions associated with lit highways assets are currently being explored. • Project delivered in September 2023 part funded by the Green Investment Fund at Kings Mill Hospital in partnership with Sherwood Forest Hospitals Trust. Two large bus shelters with courtesy lighting and integrated real time information displays powered by PV solar and rechargeable batteries.

APPENDIX B

Core Fleet	Reducing emissions from travel in fleet vehicles	<ul style="list-style-type: none"> • 3 Electric Vehicles purchased as replacements vehicles in the last year. • Fleet Review underway as of November 2023. As part of the review the contribution to reducing carbon emissions will be considered.
Grey Fleet	Reducing emissions from business travel in private cars (grey fleet)	<ul style="list-style-type: none"> • A Staff Travel Project underway looking at behavioural changes, support for staff to choose greener options of travel such as walking, cycling and public transport. The project is also looking at high mileage teams for potential solutions to reduce mileage.
Staff engagement & behavioural changes		<ul style="list-style-type: none"> • Carbon Literacy training (CL) – 170 plus certified staff and Members. Monthly sessions available for both staff & Members. Supported and enabled CL for partners – delivered across Arc and Scape; Inspire has booked sessions for its staff for 2024. • Employee Green Initiatives Group (EGIG) now has over 140 members, runs monthly online sessions and quarterly in person volunteering events. • Bespoke training, presentations and talks offered to Departments and Services.
Procurement		<ul style="list-style-type: none"> • A new procurement strategy will be developed in 2024 once the legislation for the Procurement Act is laid in Parliament. This will look to maximise its contribution to the Council's environmental objectives.
ICT		<ul style="list-style-type: none"> • Work is underway to reduce the impact of ICT services on the Council's GHG emissions, moving to cloud-based computing for some applications and relocating remaining data centre functions from County Hall campus. And embedding carbon targets in contracts with suppliers as the opportunity arises.

PARTNER UPDATE ON PROGRESS

Our Wider Footprint

The Council's impact on greenhouse gas emissions goes beyond those sources covered by its GHG emissions report and whilst our carbon reduction plan focuses on addressing our reported emissions to achieve net zero for those, we are also working with our service delivery partners, suppliers and others to reduce emissions that are beyond our direct operational control.

There is an expectation that our partners will have the same goals and ambitions for the services they deliver on our behalf when it comes to addressing the climate emergency and reducing carbon emissions across Nottinghamshire.

Below summarises how such organisations are helping to address the Council's wider footprint, this includes the latest update as of December 2023.

Arc Partnership

Arc Partnership is a joint venture between the County Council and [Scape](#) (itself a public sector partnership) committed to improving the built environment across Nottinghamshire, the East Midlands and beyond. Having baselined its greenhouse gas emissions, Arc has committed to prepare and publish a carbon reduction plan by April 2023, which will include targets for reducing emissions from its business travel, energy use, supply chain and construction services by 2028.

[Arc Partnership | Delivering real value, together \(arc-partnership.co.uk\)](#)

Arc Partnership has now published its Carbon Reduction Plan, which can be found here [Safety and Sustainability | Arc Partnership \(arc-partnership.co.uk\)](#) This plan is due to be updated to reflect a revised, more accurate and independently verified emissions baseline. It commits to halving ARC Partnerships emissions by 2028. Significantly, Arc has also committed to address its wider footprint, for example by requiring its supply chain partners to provide transparent emissions data and have carbon reduction plans in place. By December 2023, Arc had delivered Carbon Literacy Training to the majority of its workforce and is progressing organisational accreditation in carbon literacy. ARC is also now embedding carbon targets into section business plans, construction procedures and staff performance and development reviews.

Inspire: Culture, Learning and Libraries

Inspire: Culture, Learning and Libraries is a charitable community benefit society delivering cultural and learning and library services across Nottinghamshire. The society is owned and controlled by its members.

Inspire has a sustainability policy and sustainability action plan, which includes actions around reducing energy usage. The action plan is monitored through Inspire's cross-organisation Health, Safety and Environment Working Group, and in partnership with a network of Green Champions.

Inspire has recently reviewed and updated its Sustainability Policy. It has clarified its aims, which are to minimise its environmental impact by reducing consumption of energy and resources, whilst creating opportunities to raise awareness of environmental issues through reading, learning and cultural provision.

In 2023 it has carried out a number of actions, including an overall reduction of kwh used throughout Inspire's estate by 10% in 2022/3 compared to 2021-2; a [Green Libraries project](#) with community gardens following award of a Green Libraries Grant; successful [Green Libraries Week activities](#) across Inspire libraries, incorporating many activities; a successful programme of [Cultivate for the Coronation](#) themed events and a number of environmental courses. Inspire has a Sustainability Action Plan, which is reviewed by leadership team and by its Board.

[Home | Inspire - Culture, Learning, Libraries \(inspireculture.org.uk\)](https://inspireculture.org.uk)

Parkwood Outdoors

Parkwood Outdoors is the outdoor activity arm of Parkwood Leisure and manages Rufford Abbey Country Park in partnership with Nottinghamshire County Council.

Parkwood reports its greenhouse gas emissions as part of reporting under the Streamlined Energy and Carbon Reporting (SECR) Regulations and has reduced its reported emissions at Rufford by 15% since 2020 through installation of more efficient lighting, and staff training and awareness programmes.

[Rufford Abbey in Partnership with Parkwood Outdoors](#)

RSPB

The RSPB leads a consortium that manages Sherwood Forest Country Park and visitor centre in partnership with the County Council. The 450-acre (182 hectare) park is home to the Sherwood Forest National Nature Reserve and is designated a Site of Special Scientific Interest.

Having achieved its previous target of a 30% reduction in its reported emissions between 2010-11 and 2020-21, the RSPB has a new target to reduce its greenhouse gas emissions **across all scopes** by 50% by 2030 and is developing a carbon management plan setting out reduction trajectories and associated actions. It reports progress in line with the UK Streamlined Energy and Carbon Reporting (SECR) Regulations.

In addition, the RSPB is seeking external accreditation of its corporate EMS through a phased process. Already a substantial part of the charity has reached Green Dragon Level 2 (with some parts already at Level 3), and the remainder of the organisation, including Sherwood, will reach Level 2 during 2023/24.

[Annual Report 2021-22 SECR page v3.indd \(rspb.org.uk\)](#)

[Green Living at The RSPB - The RSPB](#)

Serco

Serco manages Holme Pierrepont Country Park, which is owned by Nottinghamshire County Council and home to the National Water Sports Centre.

Serco has a company-wide carbon reduction plan that commits to achieve net zero scope 1 and scope 2 emissions for its own assets, leases, and business travel by 2030 and net zero for all its emissions by 2050. This forms part of the company's wider environmental, social and governance (ESG) reporting. Serco Leisure has achieved ISO 15001 certification of its energy management system – a global first in the leisure industry this is in addition to an environmental management system, certified under ISO 14001.

There is a specific environmental delivery plan for the National Water Sports Centre, with actions and objectives addressing carbon and climate, resource efficiency, and environment protection. Actions on carbon include an ongoing LED lighting replacement programme, staff training and close attention to settings and management of building facilities and systems.

[Environmental | ESG | Serco](#)

APPENDIX B

[serco-ltd-carbon-reduction-plan-2021.pdf](#)

[Serco Ltd Carbon Reduction Plan v3 May 2023 - signed \(003\).pdf](#)

An addition to the text could be the next stage of the LED project could see annual CO₂ saving of 28482.03Kgs

We now have a Green Ambassador on site although relatively new, this person is tasked with regular audits (attached) and closely monitoring the improvement plans.

Veolia

In Nottinghamshire's two-tier structure, the County Council is the Waste Disposal Authority (WDA), whilst the 7 district and borough councils are the Waste Collection Authorities (WCA). As WDA the Council has responsibility for organising the disposal and recycling of local authority collected waste. This includes arrangements for the recycling, composting and disposal, of wastes collected at the kerbside by Nottinghamshire WCAs and waste delivered to the household waste recycling centres.

The Council has a 26-year Private Finance Initiative (PFI) contract with Veolia to carry out the services required. Greenhouse gas emissions associated with Veolia's services on behalf of the Council form one of the performance measures within the contract.

Veolia UK and its subsidiaries are committed to achieving net zero by 2050. A [carbon reduction plan](#) was published in September 2021.

[Planet | Veolia Sustainability](#)

Via East Midlands

Via East Midlands provides sustainable highways and fleet management services in Nottinghamshire on behalf of the County Council and can trade commercially to gain work (of up to 20% of its turnover) across Nottinghamshire and the wider East Midlands region. Via has been fully owned by the Council since April 2019.

Via East Midlands reports its GHG emissions in line with SECR Regulations and is committed to supporting the County Council's ambitions.

[Via East Midlands – The Partner of Choice for Engineering Services \(viaem.co.uk\)](#)

APPENDIX B

Via's Carbon Footprint externally verified by the same provider as used by Arc for consistency. Work has started on developing a Carbon Calculator to look more closely at our operational data. A Carbon Committee is to be established within Via, that will include key people within the organisation to develop the Carbon Reduction Plan and drive it forward.

Via's Board has approved a carbon reduction initiation plan:-

Objectives:

- **Prepare and publish an organisational Carbon Reduction Plan for Via by the end of Q1, including:** an externally verified emissions baseline; annual targets for carbon reduction towards net zero by 2030; a high level action plan
- **Establish governance, targets and reporting** arrangements for Via to support delivery of our carbon reduction objectives
- Embed a **carbon reduction objective** in the Via business plan
- Establish a robust **carbon accounting methodology** that suitably supports action and incentivises improvement.
- Ensure Via's **Carbon Reduction Plan** is aligned with those of Nottinghamshire County Council and Arc Partnership

All emissions relating to highways and fleet services will be included in this Plan. NCC will use its relationship with Via to support and encourage reporting and reductions of our emissions in line with the Council's commitment.