

Responding to the Climate Crisis

Celebrating the work of frontline operational services within Neighbourhood Services

An overview of what we are doing to tackle climate change issues

The Impact of Nottingham's Workplace Parking Levy

- 40% of journeys to work now by public transport (pre Covid)
- 33% fall in carbon emissions since 2005
- £83m of new local revenue for public transport raised
- Improved transport infrastructure
 - ✓ New tram network – 19m passengers p.a.
 - ✓ One of Europe's largest fleet of electric buses
 - ✓ Improved cycling networks
 - ✓ Electric vehicle charging infrastructure
 - ✓ World's largest fleet of Bio-Gas double decker buses
- Academically evaluated – constraining congestion growth – vibrant local economy



Removing Emissions

45% of Council fleet is now ULEV (ultra low emissions vehicle) Commitment for 100% of our fleet to be ULEV by 2028

215 ULEV's

- 129 Vans
- 50 Cars
- 14 Cage Tippers
- 8 Sweepers
- 6 Minibuses
- 8 RCVs



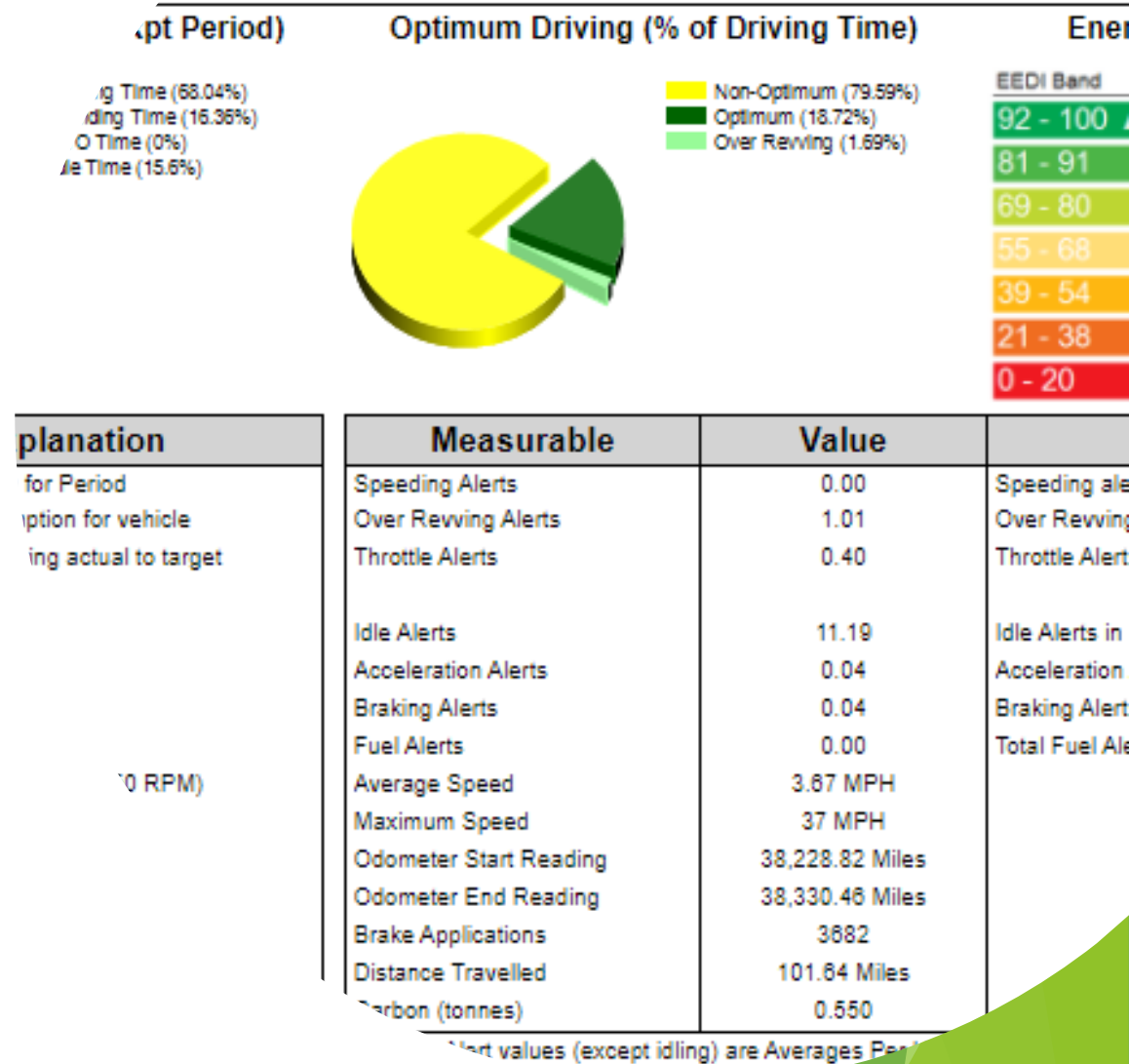
Maintenance

- Mechanic training and tools
- Exclusively ULEV garage
- Encourage potential EV buyers & mechanics



Reducing Emissions

- Bike shelters upgraded to encourage sustainable commuting
- Grant funded upgrade of site buildings to create changing facilities to encourage sustainable commuting
- Telematics - driver behaviour
 - Dennis Connect
 - Masternaut Connect
 - TrakM8 & BookingLab
- Route optimisation



Bee Friendly - Rewilding Project



Grass Cutting



Over 14,500 new trees planted since 2019/20 (50,000 by 2023)



Annual Wild Flowers Meadows

- Don't last long
- They are expensive to deliver
- The ground preparation's can be harmful to the habitat as it will require spraying of the grass and or removing the top soil
- Limited Biodiversity Net Gain

Native Wild Flower Meadows

- Cost neutral
- Having a greater variety of perennial and annual native species
- Maximise the Biodiversity Net Gain and get better over time if managed properly

Future Parks Accelerator Programme

- ▶ NLHF Programme - Nottingham 1 of 8 cohorts across UK
- ▶ Focussing on understanding how Nottingham's greenspaces can be sustainable moving forward
- ▶ Encompasses work in order to progress our open & green space offer alongside current environmental, financial and social thinking.
- ▶ Through the development of a strategy, embedding a direction of travel for the service highlighting innovative and responsible ways of using our assets to provide nature based solutions for the City

Nottingham's Green Spaces create **£285** of health, amenity & carbon based additional benefits for every **£1** of funding spent by NCC



Green Spaces sequester (store) **5172 Tonnes** of carbon per annum in trees and soil, the equivalent of driving **15.5 million miles** at 30 miles per gallon



Nottingham's Green Spaces receive **22.6 million visits per year**,



mental and physical health benefits worth **£22 per visit** on average

Nottingham's Green Spaces generate **£510 million** in additional benefits to the city each year, or around **£5.1 billion** over 10 years



Green Spaces cover **1670ha** of the city, giving approximately **£306,000** per hectare in benefits to the city



Green Spaces generate **£13 million** a year in amenity value - the amount of money people are willing to spend in order to live in close proximity to greenspace



Green Spaces contribute a total of **£497 million** per annum in health benefits, the equivalent of **5500 GP wages** or **16.5 million GP appointments**



Small Green Spaces contribute **£65 million** per annum in health benefits to the city, and contain **77%** of the city's play areas



Trees cover **52%** of Nottingham's Green Spaces, a total of **868ha** of land - the equivalent of **1300 football pitches**



Nottingham Green Guardians



The Nottingham Green Guardians volunteering programme was launched in summer 2021.

Volunteering roles include;

- Conservation volunteers,
- Plant shop and Nursery volunteers,
- Photography volunteers,
- Local park champions.



Since launching over 800 volunteering hours have been completed across parks and open spaces

IFM- Cleaning Team

- All our cleaning vans are electrical from our NCC fleet to support air quality reduction and CN28 Nottingham
- We use concentrated chemicals to reduce packaging.
We are looking at only using one chemical which will reduce packaging further.
- Our supplier of cleaning products uses route optimisation to reduce their carbon footprint and we ensure this is one of the measures we look at when awarding the contract
- Our 146 cleaning sites are aligned closest to our team leaders home address to support reducing our carbon footprint and improve time efficiency



Nottingham Catering

- ▶ We are promoting eating vegetarian or plant based food over meat
- ▶ Measuring food waste and adapting menus for minimal food waste
- ▶ Analysing carbon footprint of menus and selecting dishes with lower carbon footprints
- ▶ Reducing energy use in the kitchen by replacing gas with electric and replacing petrol vehicles with electric
- ▶ Reducing single use plastic and recycling

We're delighted to have won the LACA Green Menu and Marketing Award for our work to reduce the environmental impacts of our service and our work on promoting eating more veg and less meat with Eat Them to Defeat Them, TastEd and the Quorn Swap It campaigns.

Our Catering Teams will also be presented with a LACA Award for Excellence in recognition of their work during 2020 and 2021

