

Extract from

Climate Change Considerations Guidance for the Place and Economy Directorate to align service plans, policies and strategies with the council's goal to become carbon neutral by 2030 • Assets and Environment 2023

Fleet Vehicles Climate change considerations for the "Fleet Vehicles" service at North Northamptonshire Council involve integrating climate resilience, sustainability, and emissions reduction principles into the management, operation, and maintenance of the council's fleet of vehicles. These considerations aim to ensure that fleet operations align with climate goals, promote low-carbon transportation, and contribute to overall environmental stewardship. Here are specific climate change considerations for this service:

1. Fleet Electrification: Prioritise the transition to electric and low-emission vehicles in the fleet to reduce greenhouse gas emissions and air pollution.
2. Alternative Fuel Options: Explore the use of alternative fuels such as compressed natural gas (CNG) or hydrogen to further reduce vehicle emissions.
3. Efficient Vehicle Procurement: Adopt procurement practices that prioritise fuel-efficient and low-emission vehicles when purchasing new additions to the fleet.
4. Emissions Monitoring and Reporting: Implement systems for monitoring and reporting vehicle emissions, tracking progress toward emissions reduction targets.
5. Driver Training for Efficiency: Provide driver training programs to promote fuel-efficient driving habits and reduce vehicle emissions.
6. Maintenance and Vehicle Efficiency: Implement regular maintenance practices that optimise vehicle efficiency, including tire maintenance, engine tuning, and oil changes.
7. Route Optimisation: Use technology and data analysis to optimise vehicle routes, reducing mileage, fuel consumption, and emissions.
8. Fleet Management Software: Utilise fleet management software to track vehicle usage, maintenance schedules, and emissions data.
9. Green Procurement Policies: Establish green procurement policies that prioritise the purchase of vehicles with lower emissions and better fuel efficiency.
10. Charging Infrastructure: Invest in electric vehicle charging infrastructure to support the transition to electric vehicles within the fleet.
11. Lifecycle Analysis: Conduct lifecycle analyses to assess the environmental impacts of different vehicle types and make informed procurement decisions.
12. Public Transportation Integration: Collaborate with public transportation agencies to share resources and reduce the overall number of vehicles on the road.
13. Emissions Reduction Targets: Set clear emissions reduction targets for the fleet and regularly evaluate progress toward achieving those targets.

By incorporating these climate change considerations into the "Fleet Vehicles" service, North Northamptonshire Council can contribute to emissions reduction, promote sustainable transportation, and support the council's overall climate goals. This approach aligns with efforts to mitigate the impacts of climate change and transition to a more sustainable and low-carbon transportation system