



COMMUNITY INFRASTRUCTURE & STRATEGIC GROWTH – AGENDA REPORT

Meeting Date: 25 March 2025

Subject: Corporate Green Fleet Strategy

Directorate: Community Infrastructure

Issue:

The Community Infrastructure and Strategic Growth Standing Committee is being presented with the Corporate Green Fleet Strategy for information.

Policy / Council Direction:

The City of Airdrie is dedicated to advancing sustainable practices in alignment with the Corporate Energy and GHG Reduction Strategy. The Green Fleet Strategy serves as a key initiative aimed at reducing corporate GHG emissions through improved internal processes, increased consideration and use of renewable fuels, and strategic investments in low and zero-emission vehicles and equipment.

Background:

The City of Airdrie Green Fleet Strategy outlines a comprehensive roadmap to transition the City's fleet toward a more sustainable and efficient future. As part of the City's commitment to reducing greenhouse gas emissions and achieving long-term environmental goals, this strategy aims to modernize fleet operations through the adoption of cleaner technologies, renewable fuels, and enhanced operational practices.

The municipal fleet consists of a diverse range of vehicles and equipment that contribute to the municipality's carbon footprint. In 2023 emissions from the City's fleet amounted to 2,130 tonnes of carbon dioxide equivalent (tCO₂e), which represents 14% of the total corporate greenhouse gas (GHG) emissions. Aging vehicles with heavy reliance on fossil fuels, and high maintenance costs present challenges that must be addressed to align with modern sustainability standards.

Key actions outlined in the strategy include transitioning to hybrid and electric vehicles, supported by the development of necessary charging infrastructure. In parallel, the adoption of renewable fuels, such as biofuels or hydrogen, will reduce emissions in vehicle categories where electrification is currently less viable.

Operational improvements, such as vehicle right sizing, implementing anti-idling policies and utilizing fleet management technologies, will further enhance efficiency and reduce fuel consumption. The strategy also prioritizes phased implementation to ensure a practical and scalable transition.

By reducing emissions, improving air quality, and enhancing operational efficiency, the Green Fleet Strategy delivers significant environmental, economic, and social benefits. It aligns with the City's vision for a sustainable future and reflects its stewardship in climate action. This document serves as a call to action, emphasizing the importance of collaboration and commitment in achieving these ambitious but essential goals.

Administration Recommendation:

That the Community Infrastructure and Strategic Growth Standing Committee accepts the Corporate Green Fleet Strategy report for information.

Alternatives/Implications:

This item is being presented for information

Budget Implications:

Vehicles, Equipment and infrastructure requests will continue to be presented through the capital and operating budget processes.

Communications and Engagement:

Fleet Services will work with Corporate Communications on delivery of any information that is provided to city administration or the public regarding the Green Fleet Strategy.

Recommendation:

That the Community Infrastructure and Strategic Growth Standing Committee accepts the Corporate Green Fleet Strategy report for information.

Susan Grimm, Manager Fleet Services

Staff Presenter:	Susan Grimm
External Presenter:	N/A
Department:	Fleet Services
Reviewed by:	Lorne Stevens
Attachments:	#1: Corporate Green Fleet Strategy