

City of Nanaimo Green Fleet Strategy

May 11, 2020

Context for a Green Fleet Strategy

- Transportation accounts for a large majority of GHG
- City is demonstrating leadership by 'greening' its fleet.
- Green Fleet Strategy designed to reduce emissions through improved efficiency, and development of standards
- Supports Council's Strategic Plan
- Dovetails with Energy Conservation and Management Policy

Fleet Review

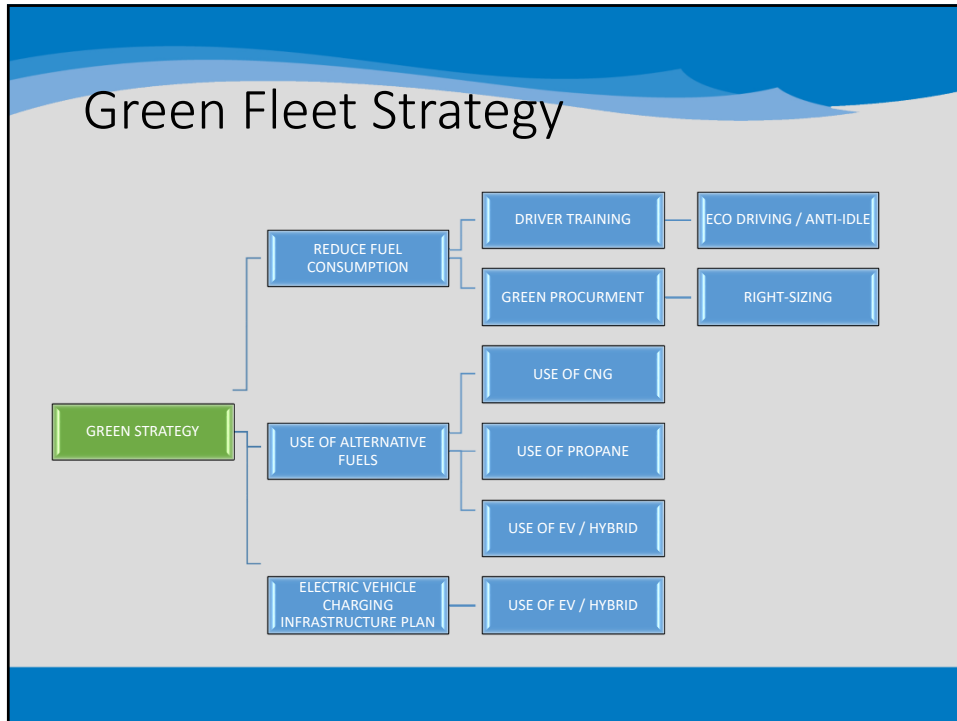
- In June 2019, Council directed the City join E3* Fleet and participate in a review
- Cost-effective, independent review of fleet performance
- In fall 2019, the City worked with E3 Fleet to conduct a Level I Review (Operational Profile)
- Level I examines KPI's such as fuel use, efficiency, distance, GHG and use.
- Provides recommendations for continuous improvement

*E3 = "Energy, Environment, Excellence"

Fleet Rating

- Based on the Level 1 review, E3 provides a rating as a means of benchmarking the City's fleet
- E3 Fleet Rating:
 - Gives a target to work towards
 - Promotes lower fuel, emissions and downtime
 - Demonstrates progress towards organizational goals
 - Broadcasts the City's care for its environment





Previous Initiatives

CITY OF NANAIMO
THE HARBOUR CITY

- Installed automated fuel management system
- Implemented a preventive maintenance system
- Adopted a corporate anti-idling policy in 2007
- Implemented a pool car program in 2008
- Adopted bio-diesel 5 blend in 2009

Previous Initiatives

- Partnering with neighbouring municipalities to share best practices
- Right-sizing vehicles at time of purchase
- Annually evaluating the preventative maintenance program
- Provide fuel consumption reports to departments
- Assessing 10 year purchase of vehicles for potential alternative fuel vehicles
- Currently developing a Corporate Green Fleet Strategy



Initiatives to Date

Alternative fuel vehicles

- 4 Hybrid
- 21 Propane / CNG pickup trucks
- 9 CNG garbage truck fleet
- 5 fully electric cars
- 5 fully electric ice resurfacing machines



