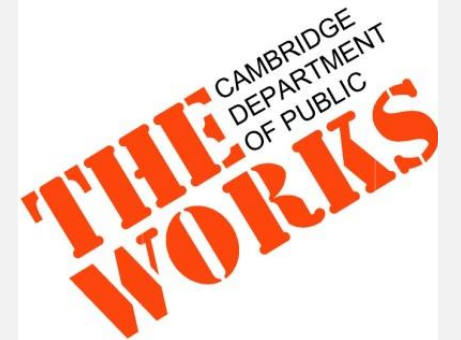
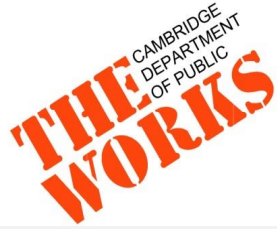


City of Cambridge Municipal Clean Fleet Initiative



October 2018

Cambridge Department of Public Works



High-quality services

Safe, healthy environment

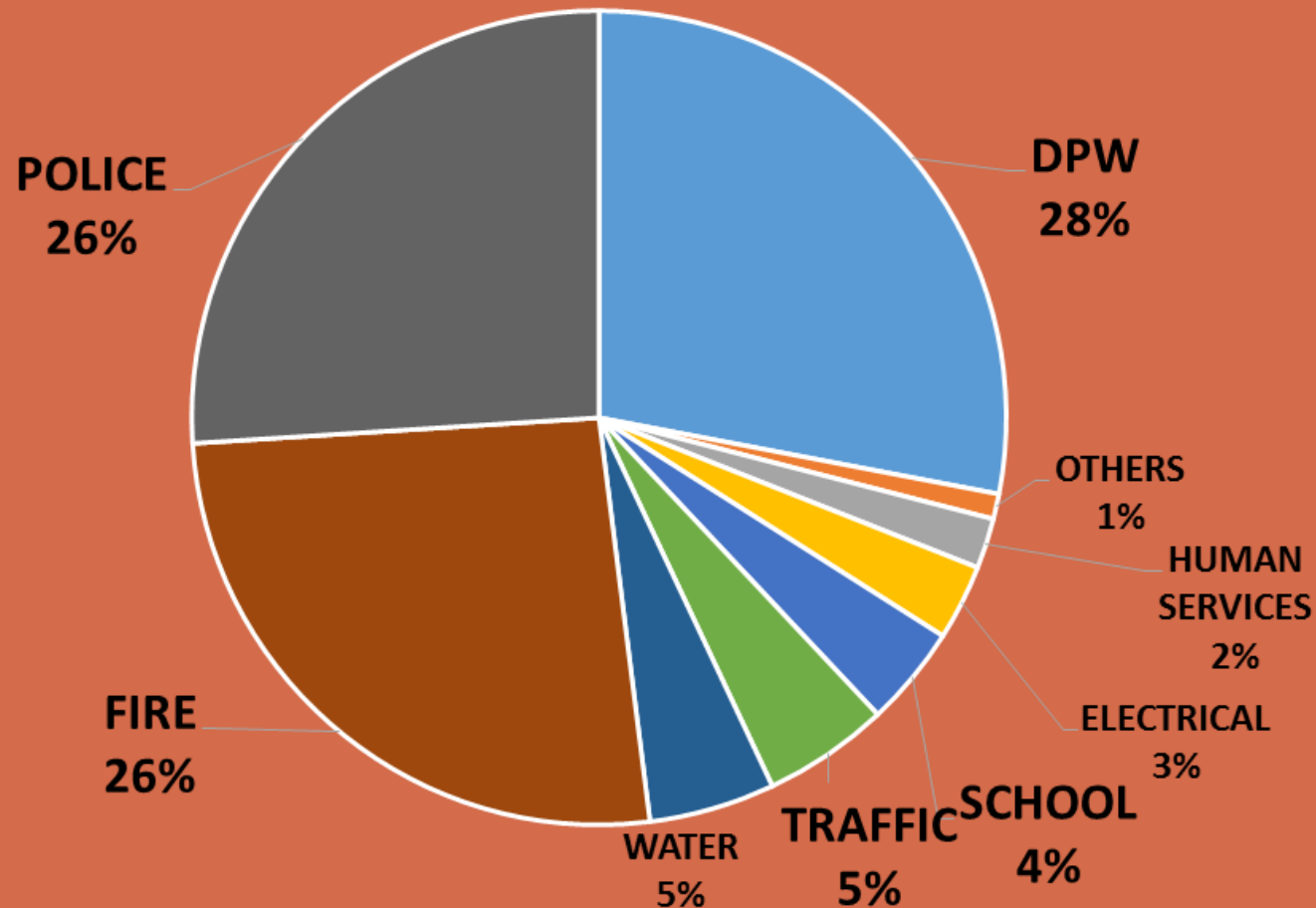
Excellent customer service

Sustainable future

Clean Fleet Initiative

- Support Cambridge 2050 carbon neutral goal
- 2030 fleet GHG emissions target
- Implementation plan
 - Technological (hybrid conversion, EV, APU, anti-idling...)
 - Financial
 - Management/behaviorial

Fleet GHG Emissions by Department



Challenges

- 80% DPW and public safety
- Service vehicles / specialized needs
- Regional repair industry
- Vehicle uniformity supports flexibility, parts procurement, mechanical expertise

Opportunities

- EV industry for commercial and construction vehicles is dynamic and continually expanding
- State & regional partners for financial & technical support

Actions

2017 Green Communities

Rubbish packer, vans (2), shuttle bus to hybrid drive systems

2018 Green Communities

11 vehicles, six departments



Actions

Deeper dive with departments

Phase in / pilot game-changer technologies

Purchasing specifications

- Five-minute idle shutdown

Evaluate behavior/management solutions

- Buy-electric
- Right-size / downsize
- Driver training
- Leasing?

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