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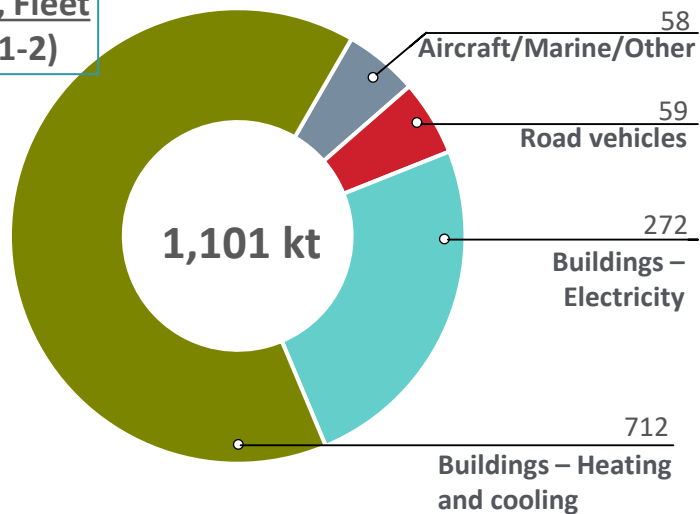
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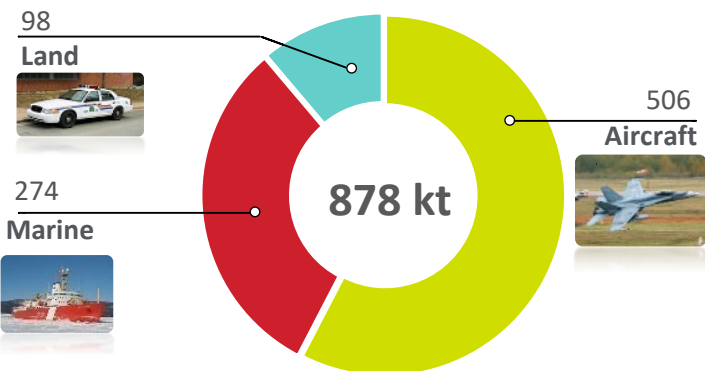
## Canada's Greening Government Strategy and Net Zero Government Initiative Roadmap

# Sources of all federal emissions – 2021-22

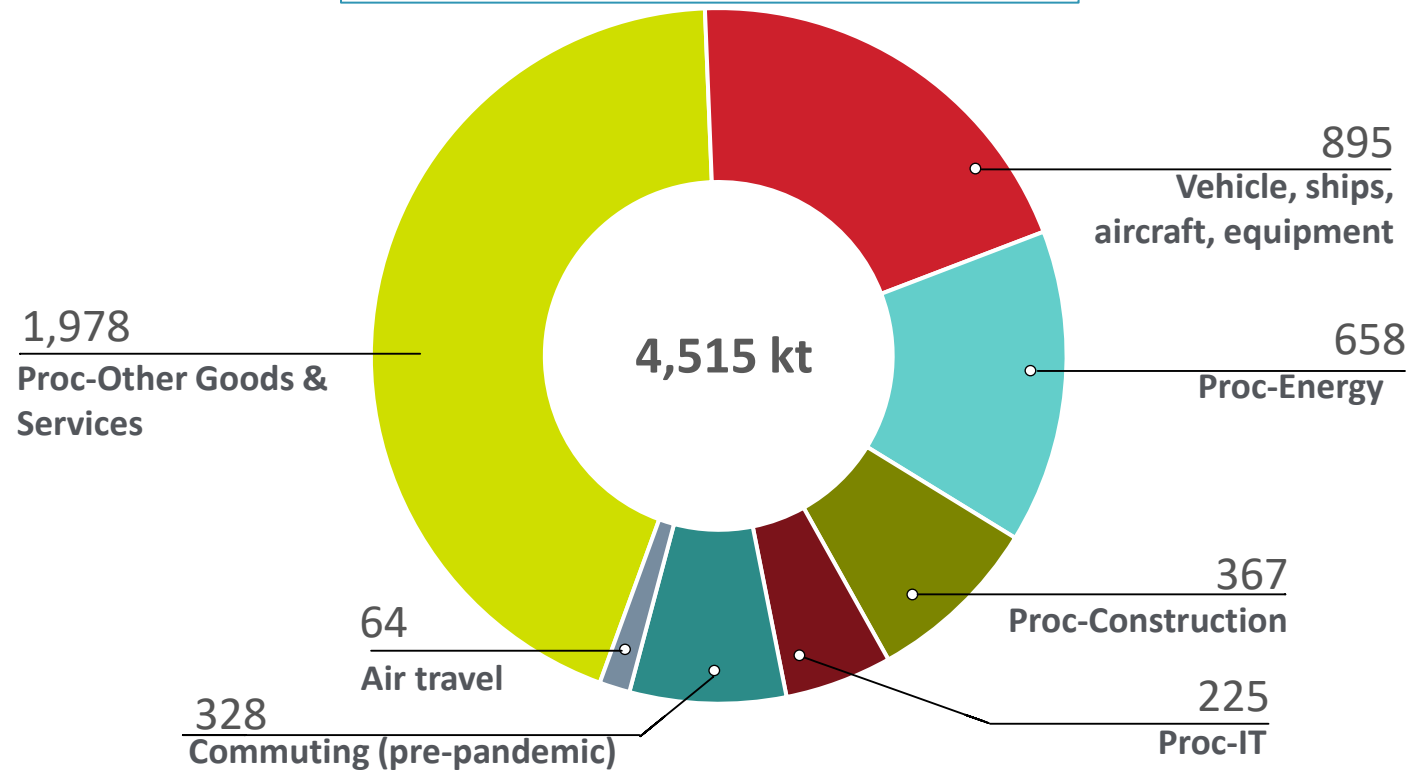
**Buildings, Fleet  
(Scope 1-2)**



**National Safety and Security  
(Scope 1)**



**Estimated Procurement/Air Travel/Commuting  
(Scope 3-Indirect emissions)**



*The GoC owns over 34,000 buildings, 20,000 engineering assets, and over 40,000 fleet vehicles and buys over \$30B/year – largest asset owner and public procurer in Canada.*

# Greening Government Strategy (GGS) overview

## Objective:

In-line with



PARIS2015  
UN CLIMATE CHANGE CONFERENCE  
COP21-CMP11

- ❖ 40% reduction of real property and conventional fleet emissions by 2025
- ❖ Net-zero emissions overall by 2050
- ❖ Overall green & climate resilient government operations

## Strategy (GGS) developed to get there:

ALIGN POLICIES, ENGAGE PARTNERS

REAL  
PROPERTY



MOBILITY and  
FLEET



PROCUREMENT and  
CLEAN TECHNOLOGIES



CLIMATE RESILIENT  
OPERATIONS



MEASURE PERFORMANCE

## Implementation:

- TBS providing direction, guidance,  
Greening Government & Low-Carbon Fuels Funds
- Expert depts. providing support (TBS/NRCan/PSPC/NRC/ECCC)
- **DEPARTMENTS TAKING ACTION**

## Performance:

38.6% reduction in GHG emissions to date (real property and conventional fleet)  
3.4% increase in emissions from National Safety and Security operations

# GGs real property, fleet and mobility commitments



## Require new builds to be net-zero carbon and climate resilient

- For retrofits, require life-cycle cost analysis (with a shadow carbon price of \$300/tonne)
- 100% clean electricity by 2022 where possible, latest by 2025
- Divert 75% of operational waste, including plastic waste, by 2030
- Incorporate climate-resilient design
- Disclose embodied carbon in structural materials by 2022 and reduce by 30% starting in 2025



## Targets for national safety and security and conventional fleet

- At least 75% of light-duty vehicle purchases for conventional fleet must be ZEVs or hybrids; priority for ZEVs
- Conventional light-duty fleet is 100% ZEVs by 2030
- 100% of new executive vehicle purchases will be ZEVs or hybrids
- National safety and security fleet departments (Defence, Coast Guard, RCMP) will develop Operational Fleet Decarbonization plans by 2023 and adopt best practices for operations and fuel and fleet procurement



## Mobility

- Encourage employees to use low-carbon forms of transportation to reduce emissions from employee commuting
- Facilitate opportunities for flexible work arrangements, such as remote work
- Departments contribute to the Greening Government Fund based on their air travel emissions.
- Emissions from other travel related to operations, such as major events hosted and ministerial travel, may be offset by departments.

# Climate resilience and green procurement commitments



## Climate Resilient Services and Operations

- By 2021, and at regular intervals thereafter, understand the impacts that affect federal assets, services and operations
- By 2022, and following each climate-risk assessment exercise, develop measures to reduce risks to assets, services and operations



## Green procurement and adoption of clean technologies

- Net-zero emissions from procurement of goods and services by 2050
- Include criteria to reduce emissions, sustainable plastics and broader environmental benefits into procurements that have a high environmental impact
- Incent major suppliers to adopt a science-based climate target and disclose emissions
- Eliminate the unnecessary use of single-use plastics in government operations

# Cross-cutting measures



## Policies

- Continue aligning relevant government operations policies to further incorporate greening and climate resilience
- Incorporating greening priorities into the responsibilities of senior officials (i.e. MAF)
- TBS will require the submission of a life-cycle cost analysis, including the shadow price of carbon, for all major real property funding proposals.



## Engagement

- Creating sustainable workplaces, including through employee mobilization and action
- Collaborating and establishing communities of practice with provincial, territorial and municipal governments; Indigenous peoples; industry; academia; and non-profit organizations to achieve common environmental goals
- Integrating sustainability planning with local communities



## Oversight & Performance Management

- Publicly disclose detailed environmental performance information on government operations, including a complete inventory of federal GHG emissions on the Centre's website
- Crown corporations are encouraged to publicly disclose their GHG emissions annually, including adoption of the recommendations of the Financial Stability Board's Task Force on Climate-related Financial Disclosures (TCFD)