



# CIPMM 2018 – Fleet Update

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# Outline

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- 1) Proposed changes to the current *Directive on Fleet Management: Executive Vehicles*
- 2) TBS Policy Suite Reset
- 3) Phase 1- *Policy on the Planning and Management of Investments*
- 4) Phase 2 - Proposed changes to the *Directive on Materiel Management*
- 5) Phase 2- Proposed changes to the *Mandatory Procedures for Fleet Management*
- 6) Questions

# Proposed Changes to the current Directive on Fleet Management: Executive Vehicles

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On December 19<sup>th</sup> 2017, Cabinet approved the TBS Greening Government Strategy ( GGS) which sets an ambitious target to reduce greenhouse gas emissions from federal operations by 80% by 2050 relative to 2005.

# Proposed changes to the current *Directive on Fleet Management: Executive Vehicles* - continued

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Proposed amendments to the Directive include:

1. Removal of all reference to gasoline-powered vehicles and internal combustion engines;
2. Providing the Comptroller General of Canada the authority to establish the initial maximum price for executive vehicles;
3. Eliminating the 20% markup on the maximum authorized price limit for ministerial vehicles;
4. Expanding the definition of eligible vehicle categories;
5. Removing the inclusion of provincial and territorial taxes from the price assessment.

# TBS Policy Suite Reset – Acquired Services and Assets Sector (ASAS)

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Policy Suite Reset for ASAS is now comprised of two phases

Phase 1 – new *Policy on the Planning and Management of Investments*, new *Directive on the Management of Projects and Programmes*, and changes to contract limits in the *TB Contracting Policy, Appendix C – Contracts Directive*.

Phase 2 - new *Directive on Management of Materiel*; new *Directive on Management of Real Property*; and new *Directive on the Management of Procurement*.

# Phase 1- Policy on the Planning and Management of Investments

1. New *Policy on the Planning and Management of Investments* that will:
  - Provide greater integration and consistency between investment planning, procurement, project management, real property and materiel management functions;
  - Promote a life-cycle approach;
  - assign a senior designated official for each function; and
  - promote capacity building.
  
2. New *Directive on the Management of Projects and Programmes* that will:
  - Codify project management fundamentals;
  - Ensure governance and decision making is tailored to risk and complexity; and
  - Strengthen alignment with procurement.
  
3. Amendments to the Contracting Policy and the Real Property Policy.

## Phase 2 - Directive on Management of Materiel

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*Directive on Materiel Management* will include three mandatory procedures for:

1. Fleet;
2. Disposal; and
3. Controlled goods.

## Phase 2 –Changes we can expect in the new Directive on Materiel Management

- Current version ( what you have seen)
  - expected life tables;
  - transfer heritage materiel assets to museums; and
  - Change in the definition of inventory.
- In the coming months, we plan to introduce new requirements for:
  - an all-encompassing materiel asset framework;
  - an annual inventory assessment and count; and
  - a policy instrument on personal use of federal materiel assets in their department materiel management frameworks.
- We will be consulting with you over the next few months on the new directive and the supporting procedures.



# Phase 2 – Changes we can expect in the new Mandatory Procedures for Fleet

In addition to the changes being proposed through the CGG submission:

- only hybrids and EVS in the executive fleet; ( Revision proposed for May 2018)
- Remove Minister or DM levels; ( Revision proposed for May 2018)
- integration of light-duty vehicles and executive fleet policy instruments;
- remove barriers in departments from transferring an executive vehicle internally;
- equipped executive similarly to regular fleet vehicles; and
- require executive vehicles to remain with the department.

# PSPC Light Duty Vehicles Procurement and Fleet Management

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PSPC supports clients by:

- Awarding, managing and renewing Light Duty Vehicles Standing Offers on a yearly cycle.
- Awarding, and managing the Fleet Management Support Services Standing Offer (currently with ARI).

# Light Duty Vehicles Standing Offers

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- Significant efforts are made to ensure that these standing offers meet the requirements of Federal Departments and Agencies, and incorporate the latest technologies available in the Canadian market.
- PSPC engages with industry on a yearly basis to convey the requirements of the GC fleet based on client feedback.
- PSPC hosts an annual fleet manager's meeting to better understand the needs of Federal Departments and Agencies.
- PSPC actively participates in various committees related to fleet management and policy.
- PSPC serves as the intermediary between suppliers and Federal Departments and Agencies, and provides guidance in matters related to policy and procurement.

# Light Duty Vehicles Standing Offers

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The light duty vehicles standing offers includes:

- Fleet vehicles from compact sedans to 1 ton pick-up trucks
- The executive vehicles listing
- Law enforcement specific vehicles
- Vehicles equipped with all types of powertrains available in the market including
  - Internal Combustion Engine Vehicles (ICE)
  - Hybrid Electric Vehicles (HEV)
  - Plug-in Hybrid Electric Vehicles (PHEV)
  - Battery Electric Vehicles (BEV)
  - Hydrogen Fuel Cell Electric Vehicles (FCEV)

# Internal Combustion Engine Vehicle (ICEV)

- Combusts gasoline, ethanol or diesel to create power
- Has a typical range of over 500km on the highway
- Can be fuelled in minutes at any gas station
- Not energy efficient. Only 20% of the energy created from the combustion is converted to mechanical energy, the rest escapes through heat.
- Emits GHGs and other pollutants

<i>DISO Packages</i>					
<i>DISO Items</i>	<i>Options Included</i>	<i>Descriptions</i>	Chevrolet	Chevrolet	Hyundai
			Impala	Malibu	Sonata
			<i>Model No.</i>		
18	0D00	Min. features + 4 cyl. Gasoline	1GX69 (1FL)	1ZC69 (1FL)	SO74AF24BB00
19	HEV	Min. features + 4 cyl. Hybrid Electric	-	1ZE69 (1HY)	SH74AF20IX00
20	PHEV	Min. features + 4 cyl. Plug-in Hybrid Electric	-	-	SH74AF20PQ20
21	BEV	Battery Electric			
22	BEVX	Battery Electric - 300km Range Minimum	-	-	

# Hybrid Electric Vehicle (HEV)

- Powertrain combines an ICE and small electric motor with battery in a closed circuit
- The ICE and regenerative braking recharge the batteries
- The electric motor mainly assists the ICE under acceleration
- Minimal EV only functionality (low speed, traffic lights etc.)
- No plug-in recharging capability
- More efficient in city use than highway
- Minimal cost increase over ICEV
- Operates just like an ICEV from the driver's perspective

<i>DISO Packages</i>					
<i>DISO Items</i>	<i>Options Included</i>	<i>Descriptions</i>	Chevrolet	Chevrolet	Hyundai
			Impala	Malibu	Sonata
			<i>Model No.</i>		
18	0D00	Min. features + 4 cyl. Gasoline	1GX69 (1FL)	1ZC69 (1FL)	SO74AF24BB00
19	HEV	Min. features + 4 cyl. Hybrid Electric	-	1ZE69 (1HY)	SH74AF20IX00
20	PHEV	Min. features + 4 cyl. Plug-in Hybrid Electric	-	-	SH74AF20PQ20
21	BEV	Battery Electric			
22	BEVX	Battery Electric - 300km Range Minimum	-	-	

# Plug-in Hybrid Electric Vehicle (PHEV)

- Similar to a HEV, but with the following differences:
- A more powerful electric motor and larger battery pack are installed to increase EV only capabilities, enabling an EV mode range typically between 30 and 80 km
- The batteries can be recharged using a Level 1 or 2 typically
- The electric motor is the main source of power
- Can be driven like a HEV (or ICEV) once batteries are depleted (without being recharged at a charging station)
- Produces zero emissions during EV mode use if properly charged

<b>DISO Packages</b>					
<b>DISO Items</b>	<b>Options Included</b>	<b>Descriptions</b>	Chevrolet	Chevrolet	Hyundai
			Impala	Malibu	Sonata
			<b>Model No.</b>		
18	0D00	Min. features + 4 cyl. Gasoline	1GX69 (1FL)	1ZC69 (1FL)	SO74AF24BB00
19	HEV	Min. features + 4 cyl. Hybrid Electric	-	1ZE69 (1HY)	SH74AF20IX00
20	PHEV	Min. features + 4 cyl. Plug-in Hybrid Electric	-	-	SH74AF20PQ20
21	BEV	Battery Electric			
22	BEVX	Battery Electric - 300km Range Minimum	-	-	

# Battery Electric Vehicle (BEV)

- Equipped solely with an electric motor and large battery pack, 200-500 km range
- Range mostly dependent on battery pack capacity and weather conditions
- Can be recharged using Level 1, 2 or DC Fast charging station
- Never emits any GHG or other pollutants
- Once the batteries are depleted, the vehicle is inoperative until recharged
- Network of charging stations has improved but is still not as extensive as gasoline or diesel network
- Longer recharge time with existing technology than “filling up” at a gas station.

<i>DISO Packages</i>					
<i>DISO Items</i>	<i>Options Included</i>	<i>Descriptions</i>	Chevrolet	Chevrolet	Hyundai
			Impala	Malibu	Sonata
			<i>Model No.</i>		
18	OD00	Min. features + 4 cyl. Gasoline	1GX69 (1FL)	1ZC69 (1FL)	SO74AF24BB00
19	HEV	Min. features + 4 cyl. Hybrid Electric	-	1ZE69 (1HY)	SH74AF20IX00
20	PHEV	Min. features + 4 cyl. Plug-in Hybrid Electric	-	-	SH74AF20PQ20
21	BEV	Battery Electric			
22	BEVX	Battery Electric - 300km Range Minimum	-	-	



# Fuel Cell Electric Vehicle (FCEV)

- Typically equipped with a Hydrogen Fuel Cell which generates electricity for the motor
- Fill-up time comparable to a ICE vehicle (5 minutes), typical range of 500 km
- Can only be recharged at a Hydrogen Fuelling Station
- The distribution network is virtually non-existent, but some projects are under way
- Only tailpipe emissions is water (lower environmental impact than ICE vehicles)
- Once the hydrogen tank is empty, the vehicle is inoperative until refilled

DISO Packages								
DISO Items	Options Included	Descriptions	Toyota	Toyota	Toyota	Buick	Chevrolet	Chevrolet
			Corolla	Prius	Prius Prime	Regal	Cruze	Volt
			Model No.					
24	0030	Min. features + 4 cyl. Gasoline	BURLEC	-	-	4GV69 (1SH)	1BR69 (1SB)	-
25	0HEV	Min. features + 4 cyl. Hybrid Electric	-	KBRF1C	-	-	-	-
26	0PHEV	Min. features + 4 cyl. Plug-In Hybrid Electric	-	-	KARK1C	-	-	1RF68 (2LT)
27	BEV	Battery Electric	-	-	-	-	-	-
28	BEVX	Battery Electric - 300km Range Minimum						
<b>NEW</b>	<b>FCEV</b>	<b>Hydrogen Fuel Cell Electric Vehicle</b>	-	-	-	-	-	-

# Questions

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