



# National Defense Industrial Association's 2014 Tactical Wheeled Vehicles Conference

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Canadian Armed Forces

6 May 2014

# Outline

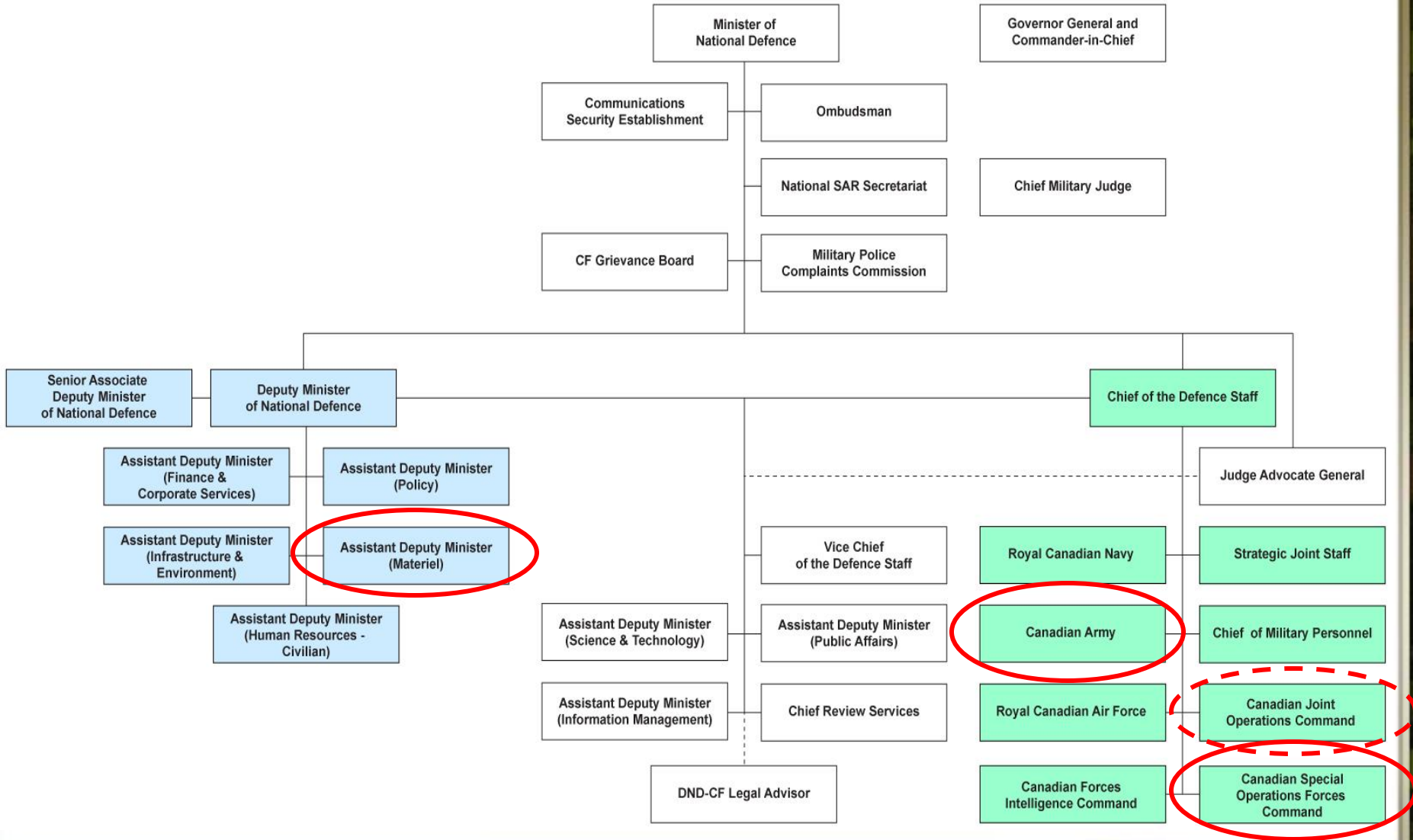
- Canadian Defence Environment
- Department of National Defence (DND) Organization
- Wheeled Fleet Replacement
- Defence Procurement Strategy (DPS) Framework

# Canadian Defence Environment

- Post-Afghanistan Reality
- Impacts of Resource Rationalization
- Canada Defence First Strategy / Arctic Focus
- Emphasis on Air/Navy Programs
- Emphasis on Joint Capabilities
- Federal Election in 2015



# DND Organization





**DAVPM**



**DASPM**



**DAEME**



**DSVPM**

**DLCSPM**

**DSSPM**

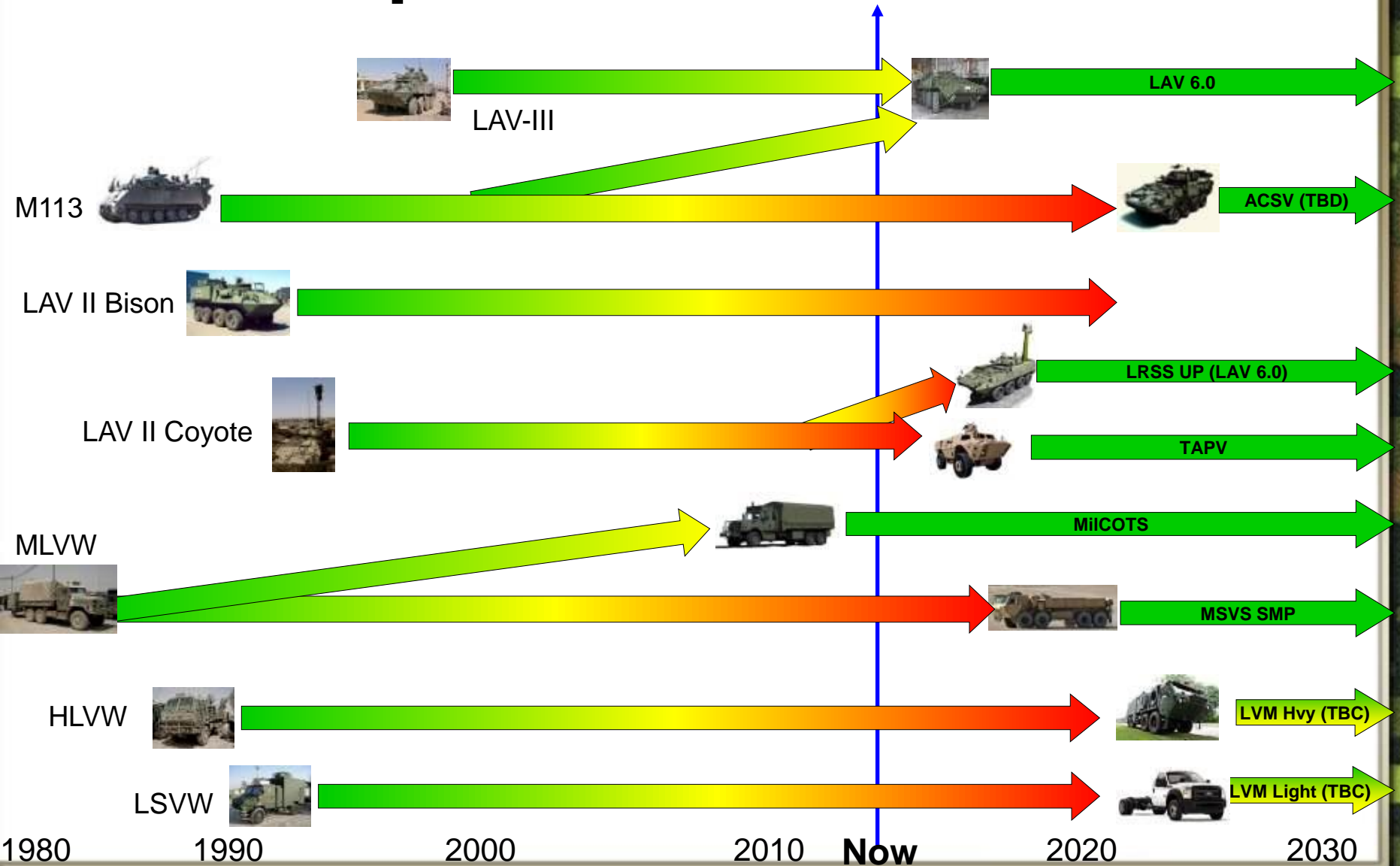
**DCSEM**

**QETE**

**202WD**



# Wheeled Fleet Replacement



# LAV III Upgrade Project (LAV UP)

- Upgrade mobility, protection, firepower & turret ergonomics

- » 278 x LAV ISC
- » 181 x LAV CP
- » 47 x LAV FOO
- » 44 x LAV Engineer

- Approved Scope = 550
- Approved Options = 80 allocated for LRSS UP, ASCCM and MEWTs
- Delivery started January 2013
- Initial Production Testing underway
- Initial Operating Capability Fall 2014



# LAV Reconnaissance Surveillance System Upgrade (LRSS UP)



- Re-purpose 66 x LAV III vehicles into LAV Reconnaissance vehicles
- Upgrade mobility, protection, firepower & turret ergonomics
- Upgrade LRSS, Operator Control Station, Communications and Silent Watch capability
- Definition underway now
- Implementation approval in December 2014



# Armoured Combat Support Vehicle Replacement (ACSV)



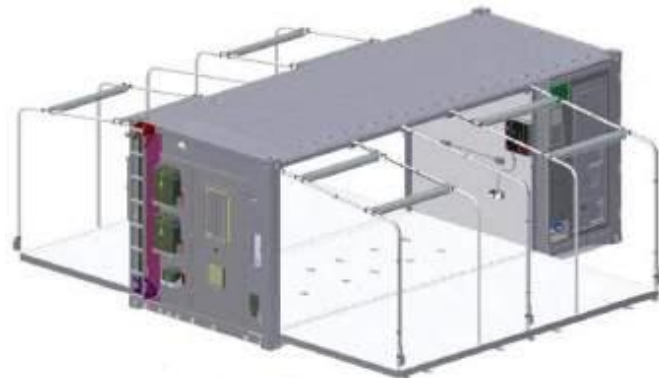
- Replace LAV II & M113 with a common fleet of armoured combat support vehicles
- Deliverables expected to include:
  - » Ambulances
  - » Mobile Repair Teams
  - » Command Posts
- Pre-Identification underway

# Tactical Armoured Patrol Vehicle (TAPV)



- Acquire 500 Tactical Armoured Patrol Vehicles
  - » 364 to be equipped with dual Remote Weapon System (C6 GPMG + C16 40mm AGL)
- Textron TAPV
- In Implementation
- RAMD testing underway on first 5 vehicles
- First delivery November 2014

# Medium Support Vehicle System (MSVS)



Replace & improve MLVW capability

Ph 1 - MSVS MilCOTS

» 1300 trucks delivered

Ph 2 - Baseline Shelter

» Contracted

» Production underway

Ph 3 - SEV Kits

» Contracted

» Kitting of shelters starts 2013

Ph 4 - MSVS SMP

» **RFP Underway**

» Implementation Approval in 2015

# Logistics Vehicle Modernization (LVM)



- Horizon 1
- Replace and modernize the logistics vehicle capability represented by LSVW, HLVW and HESV which are obsolete
- To include all CAF requirements
- In Options Analysis now



Representative Images Only

# Enhanced Recovery Capability (ERC)



- Introduce new recovery capability to the CAF
- Deliverables expected to include:
  - » Wreckers
  - » Replacement for MRV/MTVR
  - » Flat Deck Recovery
  - » 5<sup>th</sup> Wheel Towing
  - » Backload Trailers
- In Options Analysis now

# Fifth Wheel Towing Recovery Device

Attachment to a tractor 5<sup>th</sup> wheel that turns a tractor into a wrecker

Qty 40 to be procured as a stop gap measure

ERC will have to integrate/refurbish/dispose once final solution is fielded



# Bridge & Gap Crossing Modernization



- Introduce new bridge & gap crossing capability
- Deliverables expected to include:

- » Truck launched bridges
- » Light, medium & heavy bridges

- Pre-Identification underway



Representative Images Only

# Expedient Route Opening Capability (EROC)



- EROC has been so effective that decision taken to adopt it as a permanent Land capability
- Deliveries complete
- 10 x Cougars converted to General Purpose APCs for TFA
- 2 x Cougars converted to Ambulances for Op Attention



# Defence Procurement Strategy (DPS)

New Defence Procurement Strategy announced February 2014:

- » Deliver the right equipment in a timely manner;
- » Leverage purchases to create jobs and economic growth; and
- » Streamline defence procurement processes.

Implementation on the Defence Procurement Strategy is underway in collaboration between National Defence; Public Works and Government Services; Industry Canada; International Trade

- » *The roll out of new policies, practices and procedures will be done in a deliberate manner – industry will be engaged throughout*

# DPS – So What?

- Significant Changes Include:
  - » Value Proposition (VP) for Canadian Industry
  - » Independent 3<sup>rd</sup> Party Review of Requirements (>\$100M)
  - » Streamlined Delegation of Contracting Authority to National Defence
  - » Ministerial-level Secretariat Overview of Major Procurements



**QUESTIONS?**