



DEFENCE CONSTRUCTION CANADA
CONSTRUCTION DE DÉFENSE CANADA

Strong, Secure, Engaged

DCC Support to DND's Infrastructure Program

Presented by Karl McQuillan
28 November 2018



National
Defence

Défense
nationale



STRONG. SECURE. ENGAGED: AT A GLANCE

STRONG AT HOME

- Enhanced air and maritime surveillance and control, including Arctic
- Concurrent response to multiple domestic emergencies
- Support to counter-terrorism
- Search and rescue support
- Innovative defence sector

SECURE IN NORTH AMERICA

- Modernize NORAD with the US
- Expanded aerospace and maritime domain awareness and control
- Cutting edge defence research

ENGAGED IN THE WORLD

- CAF prepared to conduct:
 - 2 major sustained deployments
 - 1 major time-limited deployment (6-9 months)
 - 2 minor sustained and 2 minor time-limited deployments
 - 1 DART mission
 - 1 Non-combatant Evacuation Operation

DEFENCE FUNDING

Increase defence spending from \$18.9B in 2016-17 to **\$32.7B** by 2026-27

NEW INITIATIVES

Put our People First

New Total Health and Wellness Strategy

Reinvented transition of ill and injured to service/civilian life

Develop a comprehensive military family plan

Grant tax relief for deployed operations

Integrate GBA+ and meet gender & diversity targets

Increase of 3,500 Regular Force for key priorities

Increase of 1,500 Reserve Force – full-time capability through part-time service

Increase of 1,150 civilians to support operations

Invest in the Future Force

Rebuild core capabilities: 88 advanced fighter aircraft, 15 surface combatants, 2 joint support ships, 5-6 Arctic offshore patrol ships

Increase emerging capabilities in cyber, space, and remotely piloted vehicles to maintain effectiveness and interoperability with allies

Capability enhancements, including intelligence, satellite communications, surveillance and logistics

Modernize the Business of Defence

A transformative innovation agenda with defence research clusters linked to procurement

More accountable, transparent, and streamlined defence procurement process

Reduced carbon footprint through green infrastructure and focus on energy efficiency

Modernized infrastructure management through expanded partnership with the private sector



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RENEW DEFENCE INFRASTRUCTURE

- Defence manages infrastructure assets worth roughly \$26 billion, including:
 - more than 20,000 buildings
 - 5,500 kilometres of roads
 - 3,000 kilometres of water works
 - over 2.2 million hectares of land
- Under Canada's Defence Policy, we will:
 - Improve infrastructure on bases and wings including housing for CAF personnel
 - Explore ways to partner with the private sector
 - Dispose of underutilized or obsolete buildings



**STRONG
SECURE
ENGAGED**
CANADA'S DEFENCE POLICY



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**STRONG
SECURE
ENGAGED**

CANADA'S DEFENCE POLICY

GREENING DEFENCE

- Reduce greenhouse gas emissions by 40% from 2005 levels by 2030 (excluding military fleets).
 - Invest \$225 million by 2020 in infrastructure projects to reduce our carbon footprint.
 - Transition 20% of non-military vehicle fleets to hybrid and electric by 2020.
 - Require new projects to meet the Silver Leadership in Energy and Environmental Design (LEED) standard or equivalent
 - Expand Energy Performance Contracts
 - Install electric charging stations
- Examine alternative energy options and their potential use for operations.

Strong in Canada



Strong in Canada

Location: Nanisivik, Nunavut

Cost: \$56 million

Completion date: Summer 2019



Strong in Canada

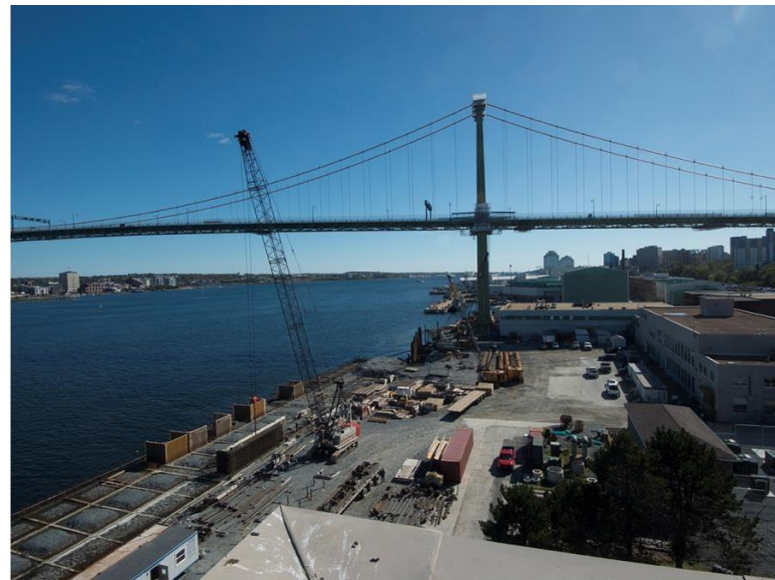


A/B Jetty Recapitalization

Location: CFB Esquimalt, British Columbia

Cost: \$743 million

Completion date: 2024



Jetty NJ

Location: CFB Halifax, Nova Scotia

Cost: \$83 million

Completion date: January 2019

Strong in Canada



CSE Long-Term Accommodation Facility

Strong in Canada



Location: Halifax, Nova Scotia

Cost: \$115 million

Completion date: 2025



Canadian Forces Housing Agency

Location: sites across Canada

Cost: \$80 million annually

Completion date: ongoing

Secure in North America



F-18 Super Hornet (Boeing)



Eurofighter Typhoon (Eurofighter)



F-35 (Lockheed Martin)

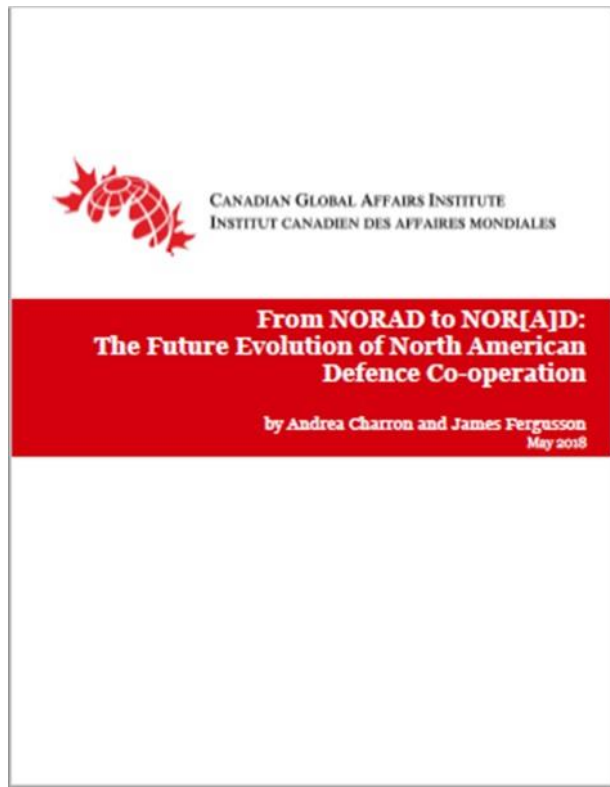


Gripen (Saab)



Rafale (Dassault)

Secure in North America



Engaged in the World



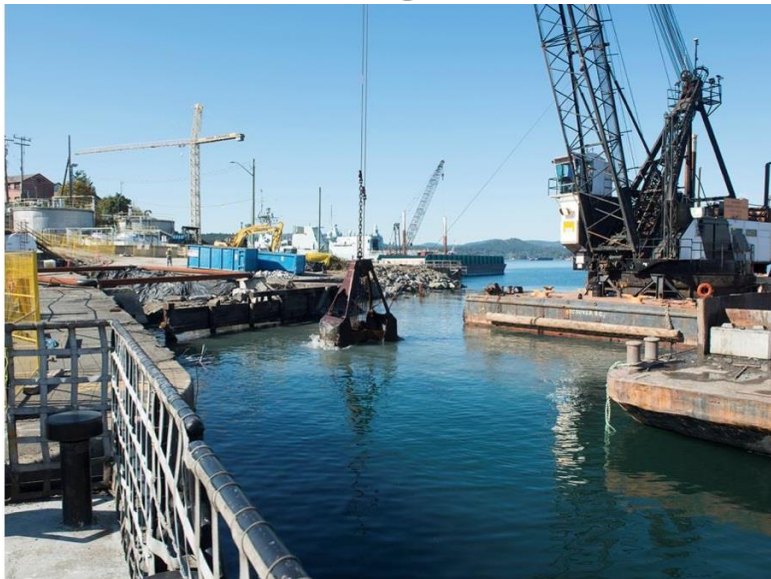
Deployed Operations

Locations: Latvia and Kuwait

Cost: \$18 million

Completion date: Ongoing

Greening



Location: CFB Esquimalt, British Columbia

Cost: \$100 million

Completion date: 2019-20



Goose Bay Remediation

Location: Goose Bay, Newfoundland and Labrador

Cost: \$239 million

Completion date: 2020

Greening



UXO and Legacy Sites Program



Health Care Centres

Location: Saint-Jean, Quebec; Petawawa, Ontario;
Shilo, Manitoba; Cold Lake, Alberta; Edmonton, Alberta

Cost: \$153 million

Completion date: 2018-19

Greening

