

DIRECTOR GENERAL ENVIRONMENT AND SUSTAINABLE MANAGEMENT

Excellence in Infrastructure and Environment

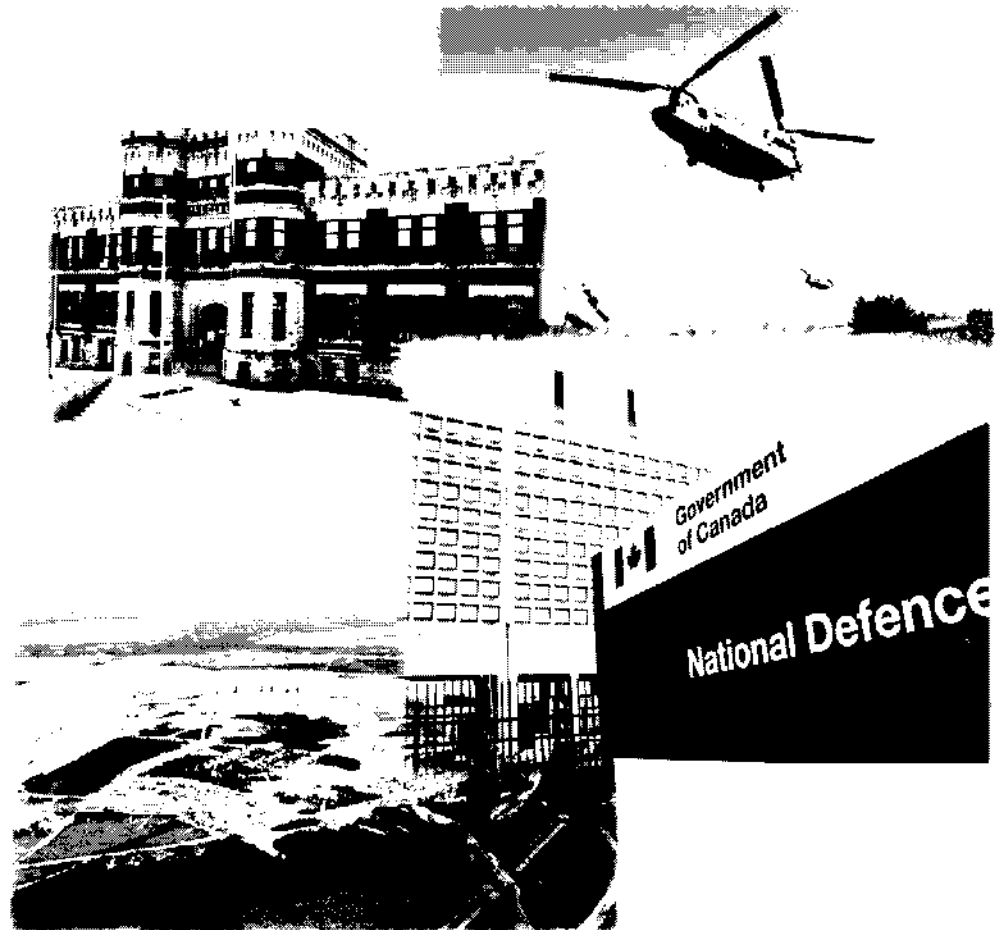
DND's Carbon Neutral Feasibility Study

Greening Defence policy drivers

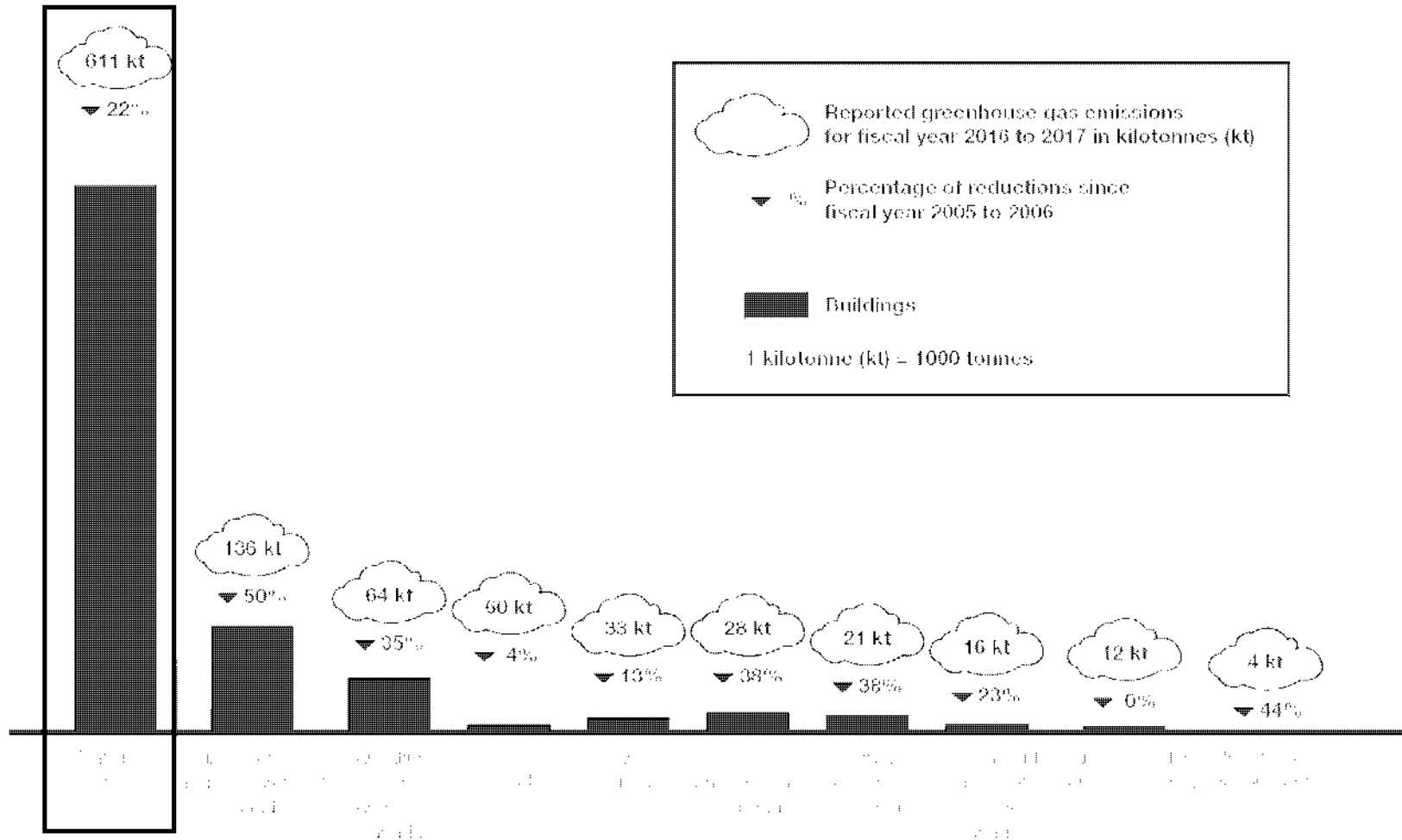


Portfolio overview

- \$26-billion portfolio
- 2.2 million hectares of land
- 20,000 buildings
- Over 200 locations across Canada
- 15,600 works, including jetties, runways, training areas and roads
- 7% of federal land inventory
- 38% of government buildings
- 61% of federal GHG emissions



DND's contribution to GC carbon emissions



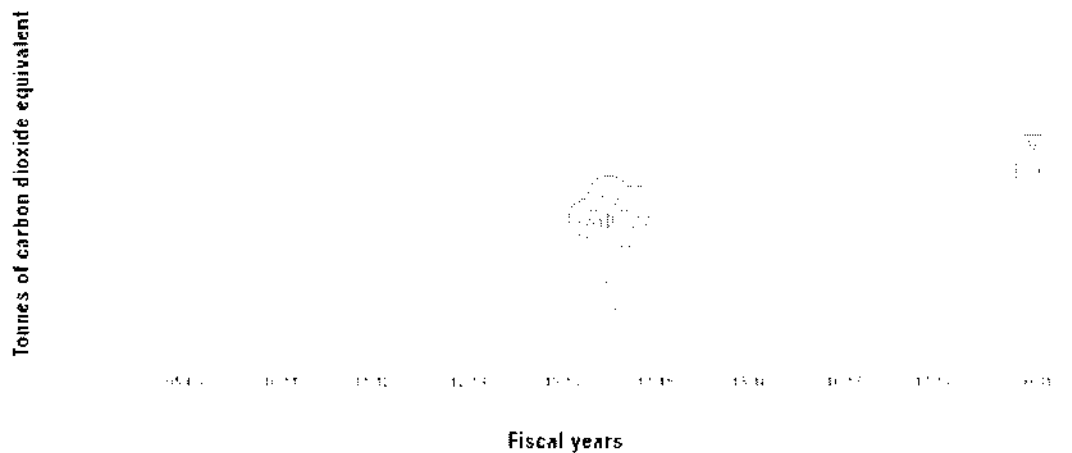
Reduce GHG emissions by 40% from 2005 levels by 2030

DND's Greenhouse Gas Emissions Reductions since 2005*



Canada

FORNBS.GC.CA



Fiscal year	2005-06	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2030
Total greenhouse gas emissions	10,000	8,500	7,500	6,500	5,500	4,500	3,500	2,500	1,500	6,000
% of reduction since fiscal year 2005-06	0%	15%	25%	35%	45%	55%	65%	75%	85%	40%

*from buildings and commercial vehicles

Greening Government Strategy



Greenhouse gas (GHG) emissions

Direct (Scope 1) and indirect (Scope 2) GHG emissions from government operations

- The Government of Canada will reduce Scope 1 and Scope 2 GHG emissions from federal government facilities and fleets by 80% below 2005 levels by 2050.

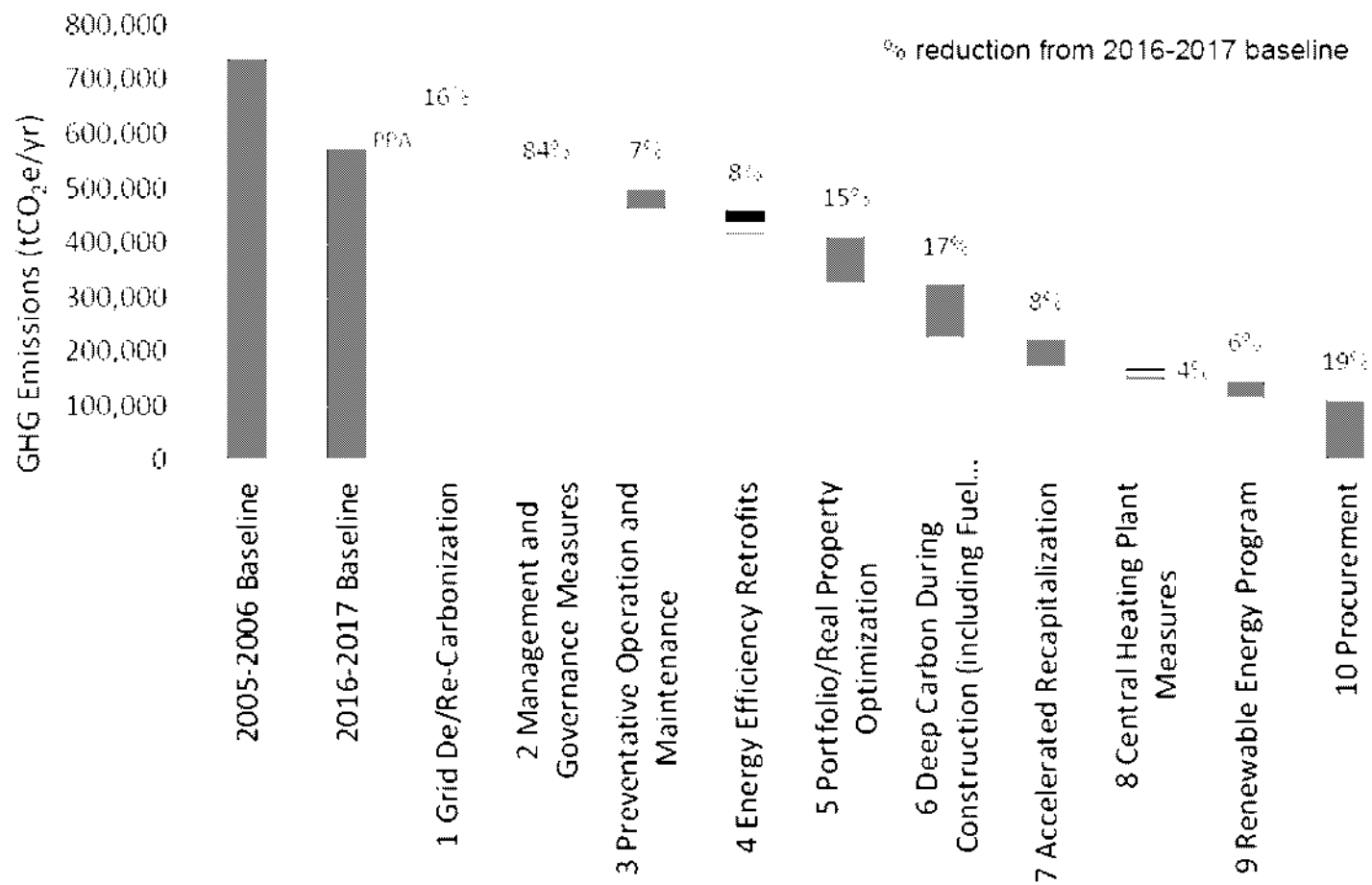
DND carbon neutral feasibility study

- DND completed a carbon-neutral portfolio study to build a plan to meet the Greening Government Strategy commitment of an 80% reduction below 2005 levels of GHG emissions by 2050
- DND study builds on PSPC study and provides DND with options/pathways for achieving a carbon-neutral real property portfolio
- DND represents the GC's largest real property holding by number of buildings, floor area and GHG emissions; therefore, DND's contribution is critical to meeting the GC carbon reduction targets

DND Carbon Reduction Framework – Key actions

- 1) Grid De/Re-Carbonization (external factor)
- 2) Management and governance measures
- 3) Preventative operation and maintenance
- 4) Energy efficiency retrofits (i.e. EPCs)
- 5) Portfolio/Real property optimization
- 6) Deep carbon during construction (including fuel switching/electrification)
- 7) Accelerated recapitalization
- 8) Central heating plant measures
- 9) Renewable energy program
- 10) Procurement (RECs, PPAs)

DND Carbon Reduction Framework – Options for reductions



DND example of analysis to get to carbon-neutral

DND Carbon Reduction Framework- Key figures

- 50,450 projects across 11,000+ buildings
- 486,000 tonnes of annual emissions avoided
- \$10.6 billion incremental capital investment by 2050 (\$420 million/year)
- \$304 million annual cost savings:
 - \$110 million utility cost savings
 - \$175 million O&M savings
 - \$19 million carbon cost savings
- Net \$3 billion incremental capital life-cycle cost (25-year)

Considerations

- Significant investment needed to undertake recommended energy and carbon reduction initiatives (\$10.6 billion over 25 years)
- Not a one size fits all considering differences in real property portfolios across different departments
- Leverage existing statement of work and ensure documentation includes analysis, methodology, uncertainties, assumptions and data interpretation

Next steps

- Consider high-level strategic recommendations and address gaps and barriers to effective carbon reduction
- Address management and governance challenges (e.g. EPCs)
- Assess and implement feasibility framework elements to reduce emissions by 2050
- Continue to evaluate emerging technologies and strategies for potential addition to framework

Additional Information

Cost details

Recapitalization (Vote 5)	\$400M/y	Accelerated Recapitalization of Poor-Condition Facilities	\$220M/y
Maintenance & Retrofits (Vote 1)	\$230M/y	Proactive Maintenance to Avoid Premature Degradation	\$120M/y
		Energy and Carbon Reduction Activities Unrelated to Building Condition	\$80M/y
TOTAL EXISTING	\$630M/y	TOTAL ADDITIONAL	\$420M/y

Director General Environment and Sustainable Management

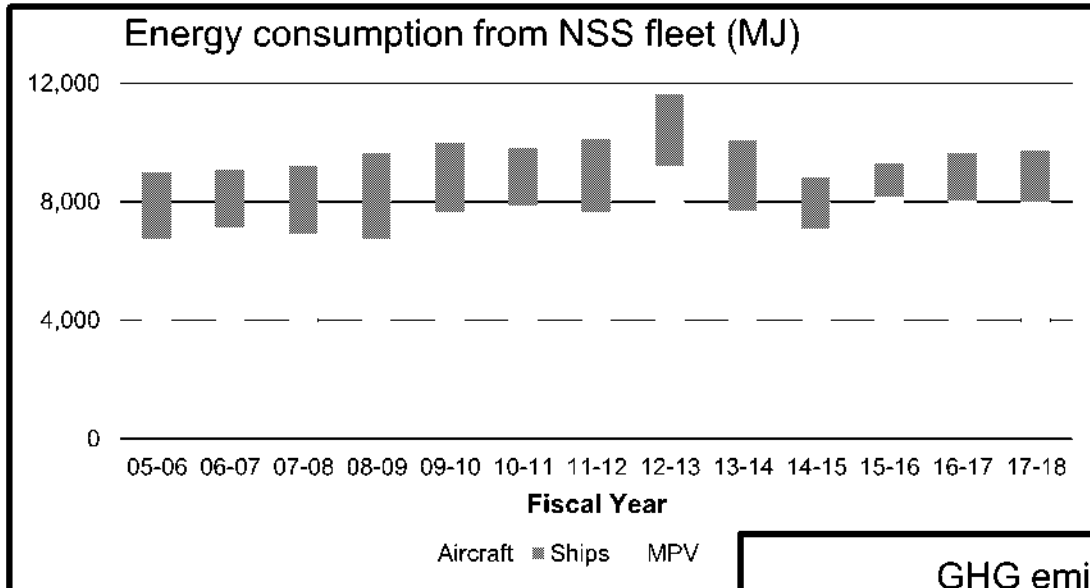
Excellence in Infrastructure and Environment

**Energy Leadership in Operations
COS(IE) Brief - 18 January 2019**

National Safety and Security (NSS) fleet emissions - Context

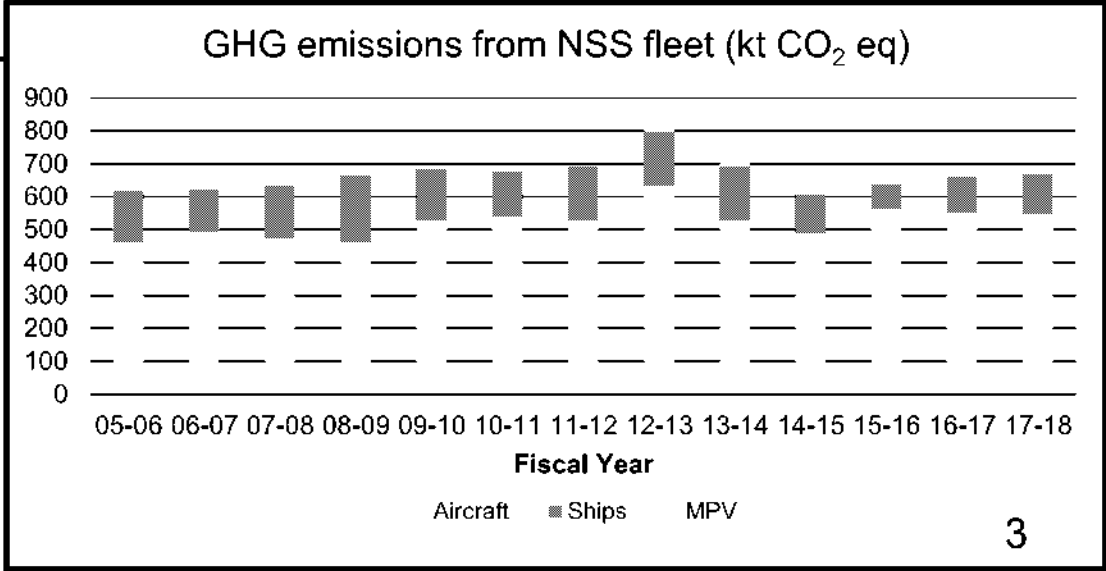
- GC requires NSS emissions transparency (reporting) even though NSS excluded from federal target
- In FY 2017-18, NSS fleet emitted 677 kt CO₂
 - 81% from aircraft
 - 18% from marine vessels
 - 1% from land vehicles
- Energy is a strategic enabler for the DND/CAF mission
- Intensity-based targets can and should be used to reduce emissions without impacting operational tempo

Operational energy footprint



Aircraft and naval vessels are biggest fuel users

Aircrafts contribute more than 80% of total NSS GHG emissions



To reduce operational energy use, a three-pronged approach is recommended:

- 1) Cleaner fuels for military fleet
- 2) Cleaner operations
- 3) Cleaner platforms (design)

RCAF green initiatives

- RCAF Campaign Plan 3.0 includes expanded Operational Sustainability Program with 6 Lines of Effort
 - Greening RCAF Ops & Training
 - Adaptation to Climate Change
 - Sustainable Culture, Policy, Doctrine & Education
 - Sustainable Energy & GHG Emissions
 - Sustainable Procurement & Disposal
 - Sustainable Partnerships & Allies
- Biofuel initiatives
 - Certification process for alternative aviation fuels for RCAF, including the Sky's the Limit Challenge (Biojet Challenge) (led by NRCan) aircraft trials in 2019
- Several internal sustainability proposals
 - Best Practice Air Ops Review, Fuel Tracking Modernization, Aircraft Nose Wheel Electric Wheel Hub Motor Investigations, etc.
- Challenges: Staffing, governance structures, institutional fatigue

RCN Green Program initiatives

- Shipboard Energy Efficiency Baseline Trials (fuel consumption trials and energy audits)
- Ship Platform Exploitation of Energy Data (SPEED)
- Business Case for upgrade of Seawater Reverse Osmosis Desalination (SROD) to include an Energy Recovery Device
- Hull biofouling trials for coatings and monitoring
- Industrial wastewater and bilge water treatment (BCIPs)
- Gas turbine air intake and exhaust manifold optimization study
- Ship Energy Assessment System Pilot Project
- Assessment of shore power options to reduce GHG emissions while ships are alongside HMC Dockyard

Green initiatives across deployed operations

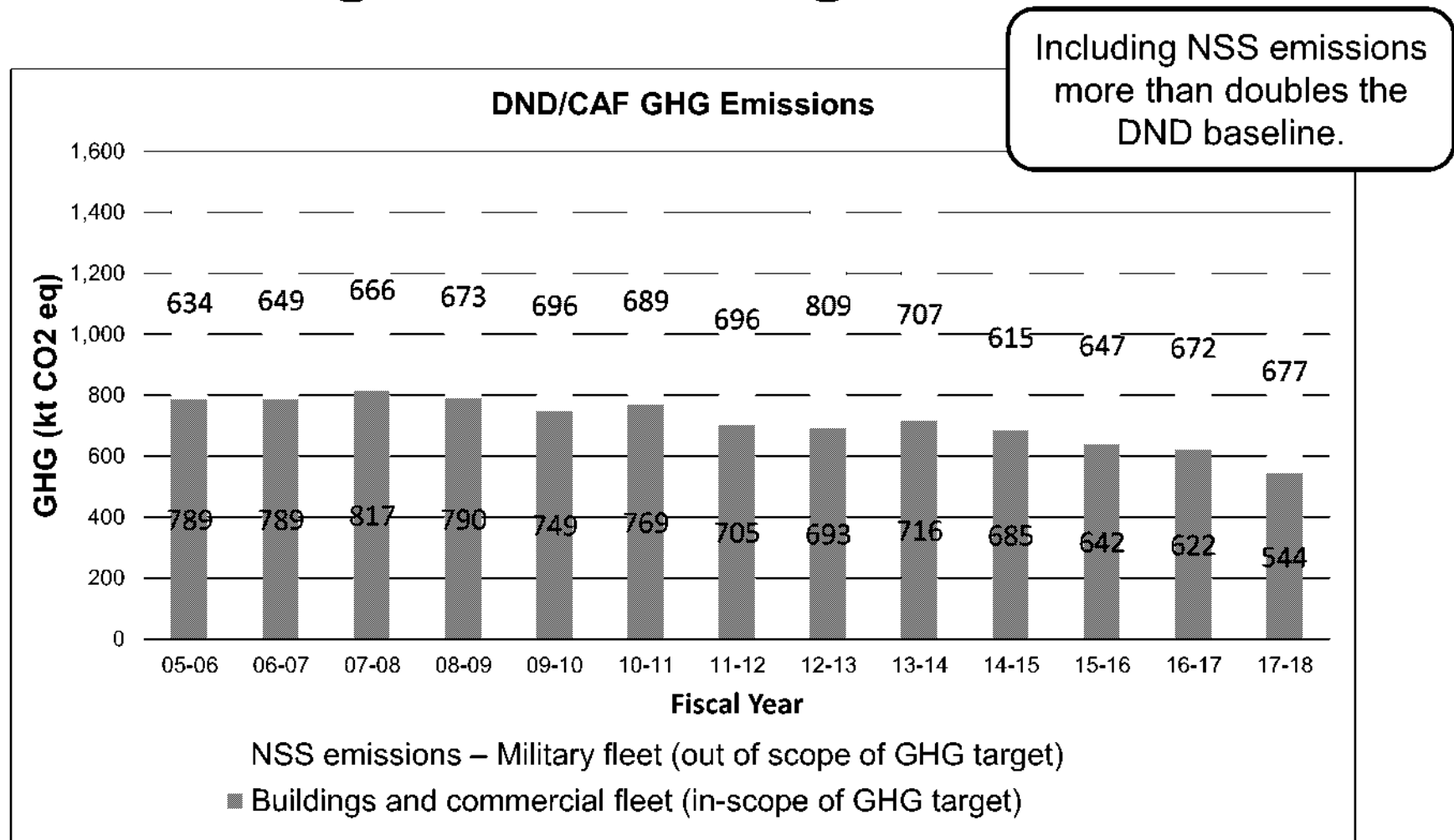
- Spring 2018: Built South-West Asia Huts in Niamey, NGR, and metered their electrical power consumption (Op NABERIUS), thus monitoring potential reductions
 - Load (< 10 kW) for a 10-person shelter shows ability to meet DEES Target 9 (1.5 kW per-person), even in very hot climate conditions → but we must re-think tentage
- Summer 2018: Re-sized generator fleet at Camp Érable, Erbil, IRQ, saving approximately 6,000 L of diesel fuel per week (Op IMPACT)
- Fall 2018: Began testing solar photovoltaic lighting trailers at Camp Canada, Ali Al Salem Air Base, KWT, (Operational Support Hub-Kuwait)

Conclusion

- ADM(IE) will continue to lead the 40% GHG emissions reduction target
- Emission reduction initiatives in the operational portfolio would be well received by GC
- Operational initiatives cannot succeed without CAF leadership
 - Highlighting operational initiatives and building a culture of energy awareness is fundamental to the achievement of energy reductions in operations
 - Energy considerations can strengthen operational resilience and improve our capacity to deliver on enduring operational commitments

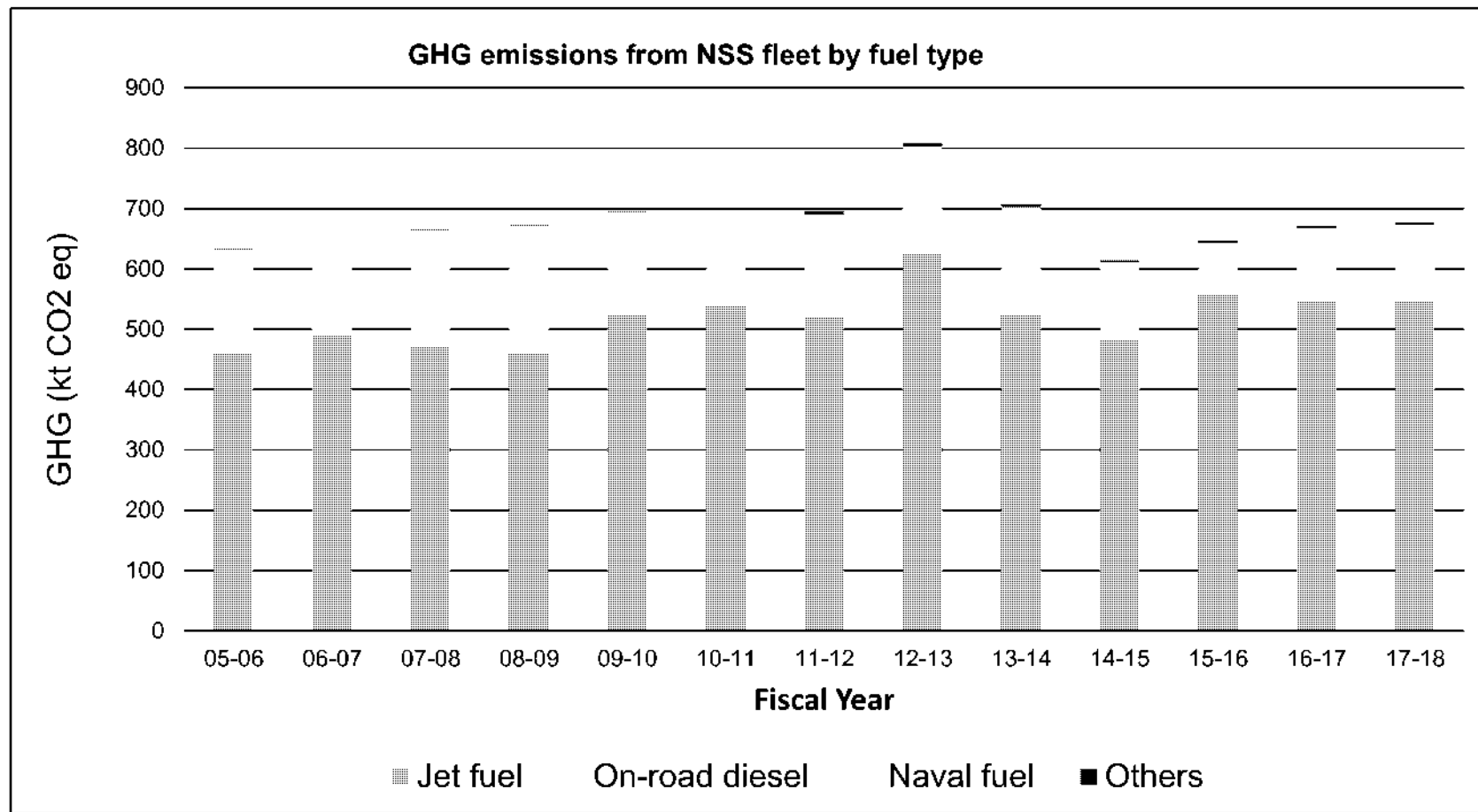
Additional information

DND/CAF greenhouse gas emissions



Note: Market-based approach (RECs included)

NSS fleet emissions by fuel type



NSS fuel costs for FY 2017-18

- Jet fuel: \$124 million, mainly Jet Propellant 8 (JP-8)
- Ship fuel: \$53 million, mainly F-76 (also known as naval distillate)
- Military pattern vehicles: currently not available

Vuong KH@ADM(IE) DIEMSS@Ottawa-Hull

From: Drover S@ADM(IE) DESM@Ottawa-Hull
Sent: June 18, 2019 3:14 PM
To: Sattar SS@ADM(IE) DGESM@Ottawa-Hull
Cc: Godin E@ADM(IE) DESM@Ottawa-Hull
Subject: RE: National Defence Parliamentary Report for June 17, 2019 / Rapport parlementaire de la Défense nationale pour le 17 juin 2019

Hi,

Here is a quick summary for the ADM:

An Even Greener Government: Improving the Greening Government Strategy to Maximize its Impact

- In Fall 2018, the Government Operations and Estimates Committee undertook a study of the Greening Government Strategy (GGS)
- Report was tabled in Parliament on June 17, 2019
- GGS contributed to reducing GHG emissions from federal operations by 32% relative to 2005 levels, primarily due to actions of key departments, such as DND and PSPC
 - DND flagged as largest GHG emitter
 - DND (not part of Committee study) and PSPC account for bulk of federal GHG emissions
 - Report recognized actions that PSPC and DND have taken to reduce GHGs, including for DND's part—according to DND news release—hiring energy managers and purchasing renewable energy in Alberta
- No briefs were provided by DND
- Recommendations of interest
 - Consider implementing LEED Gold or Platinum policy for retrofits
 - Explore on-site renewable energy production
 - Implement Commissioner of the Environment and Sustainable Development's 2017 fall report recommendations on adaptation
 - Leverage clean technology
- Committee believes that recommendations could help government achieve long-term emissions reduction target (80% by 2050)
- The Conservative Party felt the content of the report had little value given that the Committee did not hear from DND on its plans to decrease emissions and that DND accounts for the majority of all government building emissions. (Attached their dissent at end of report under Supplementary Opinion of the Conservative Party of Canada: Ignoring the largest emitters is not a whole of government approach)
- Note: If DND did submit documents (it doesn't seem like we submitted anything), it should be added as a note here

ADDITIONAL INFORMATION – FYI only

Link to June 17, 2019 Hansard (Official report of House debates):

<https://www.ourcommons.ca/DocumentViewer/en/42-1/house/sitting-435/hansard#Int-10712090>

Mr. Kelly McCauley (Edmonton West, CPC):



Kelly McCauley
Member of Parliament
Edmonton West
Conservative Party of Canada

...the government's commitment to address the climate change challenge ...

...the government's commitment to address the climate change challenge ...

Link to openparliament.ca <https://openparliament.ca/debates/2019/6/17/kelly-mccauley-1/>



Kelly McCauley
Member of Parliament
Edmonton West
Conservative Party of Canada

Susan Drover

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National Defence / Government of Canada
susan.drover@forces.gc.ca / Tel: 613-971-7613

Gestionnaire – Stratégie environnementale, Sous-ministre adjoint (Infrastructure et environnement)
Défense nationale / Gouvernement du Canada
susan.drover@forces.gc.ca / Tél. : 613-971-7613

From: Godin E@ADM(IE) DESM@Ottawa-Hull
Sent: June 18, 2019 10:16 AM
To: Sattar SS@ADM(IE) DGESM@Ottawa-Hull <Saleem.Sattar@forces.gc.ca>
Cc: Drover S@ADM(IE) DESM@Ottawa-Hull <SUSAN.DROVER@forces.gc.ca>
Subject: RE: National Defence Parliamentary Report for June 17, 2019 / Rapport parlementaire de la Défense nationale pour le 17 juin 2019

Hi,

Will do. Susan will go in more depth. <https://www.ourcommons.ca/DocumentViewer/en/42-1/OGGO/report-18>

We are flagged as the big GHG emitter (bottom of page 10 and top of 11). Also, page 47 – top of page:

In spite of repeated requests, the Committee was unable to hear from the Department of National Defence (DND) on their plans to decrease emissions, particularly given that DND accounts for the near majority of all government building emissions as noted in Figure 1.

MGen Sirois and I spoke with Steven Guibeault (co-chair of Advisory Council on Climate Change who was working on a parliamentary report quite likely linked to this one) and Melissa Hillier (ECCC) on May 10th about DND's emissions. I supplied materials to Inez and the General as Inez wanted Rob to review over the weekend before sending to Mr

Guibeault. I sent a note to Mr Guibeault to explain the situation and that he would get the materials asap early the next week. I did not get a response from ADMO that the materials got sent...I asked.

Recommendations of interest:

- 3- LEED gold or platinum for retrofits to be considered
- 4- on site energy production
- 5- Implement CESD recommendations on adaptation
- 8- leverage clean tech

Elise

Elise

From: Sattar SS@ADM(IE) DGESM@Ottawa-Hull

Sent: June 18, 2019 9:23 AM

To: Godin E@ADM(IE) DESM@Ottawa-Hull <ELISE.GODIN@forces.gc.ca>

Cc: Drover S@ADM(IE) DESM@Ottawa-Hull <SUSAN.DROVER@forces.gc.ca>

Subject: FW: National Defence Parliamentary Report for June 17, 2019 / Rapport parlementaire de la Défense nationale pour le 17 juin 2019

Elise,

Can your team find the report highlighted below and provide a synopsis? Short fuse.

From: Chambers R@ADM(IE)@Ottawa-Hull

Sent: June-17-19 6:54 PM

To: Sattar SS@ADM(IE) DGESM@Ottawa-Hull <Saleem.Sattar@forces.gc.ca>

Cc: Neville I@ADM(IE)@Ottawa-Hull <INEZ.NEVILLE@forces.gc.ca>

Subject: Fwd: National Defence Parliamentary Report for June 17, 2019 / Rapport parlementaire de la Défense nationale pour le 17 juin 2019

Would appreciate your take on the report referenced in the OGGO update below. In the meantime, a quick summary before Wednesday SLAM would be great. Much obliged. Rob

Sent from my iPhone

Begin forwarded message:

From: "Hennessey R@ADM(Pol) D Parl A@Ottawa-Hull" <Riley.Hennessey@forces.gc.ca>

Date: June 17, 2019 at 6:45:43 PM EDT

Subject: National Defence Parliamentary Report for June 17, 2019 / Rapport parlementaire de la Défense nationale pour le 17 juin 2019

HIGHLIGHTS / FAITS SAILLANTS

- **Parliamentary Calendar:** *The House is slated to rise by Friday, 21 June. There is one opposition day remaining, to be scheduled as early as tomorrow – Party and topic TBC.*
- **SECD:** *The Committee met to discuss Senator Jean-Guy Dagenais (CPC)'s motion to call witnesses to appear in connection with Vice-Admiral Norman's suspension. Rather than withdraw his original motion, Sen. Dagenais requested that the Committee extend the*

deadline for the study to allow for appearances over the course of the summer. The Committee ultimately voted 8-4 in favour of extending the deadline from 20 June to 1 August.

- **Question Period:** *Two defence-related questions were asked during Question Period today related to health services offered to civilians who supported the CAF mission in Afghanistan and the recent policy change to provide Reservists with the same rate of pay as the Regular Force. Additionally James Bezan (CPC) called on the Prime Minister to defend Canadian sovereignty over the North West Passage.*
- **Standing Committee on the Status of Women (FEWO):** *Ms. Karen Vecchio (CPC) tabled a report entitled, "A Force for Change: Creating a Culture of Equality for Women in the Canadian Armed Forces." Ms. Rachel Harder (CPC) tabled a dissenting report noting that the CAF has not reached its 25% recruiting target for women, has failed to respond to problems with OP Honour, and the government has taken veterans to court.*
- **Legislation:** *The Senate is slated to debate Bills C-59 and C-77 this evening. The House has yet to complete its debate on the Senate amendments to Bill C-58.*
- **Bill C-100:** *The House of Commons Committee on International Trade (CIIT) will hold a pre-study of Bill C-100 tomorrow, which will serve to prepare the committee in case it studies the Bill over the summer.*
- **Order Paper Questions:** *Six DND/CAF related responses were tabled today. Topics included DND/CAF expenditures on Info and Comms tech, IT projects over \$1,000,000, expenditures on hospitality, and flights by Challenger aircraft since January 1, 2019.*
- **Standing Committee on Government Operations and Estimates (OGGO):** *Mr. Tom Lukiwski (CPC) tabled the 18th report of OGGO entitled "An Even Greener Government: Improving the Greening Government Strategy to Maximize its Impact." Mr. Kelly McCauley (CPC) tabled a dissenting report, suggesting that the report is of little value as it did not examine why the Department of National Defence is such a high emitter of greenhouse gasses.*

New information is in blue. General headings are highlighted.
 La nouvelle information est en bleu. Les grands titres sont surlignés.

PARLIAMENTARY CALENDAR / CALENDRIER PARLEMENTAIRE

On Tuesday May 28th, a motion to extend House sitting hours was passed. Details include on Mondays, Tuesdays, Wednesdays and Thursdays, the ordinary hour of daily adjournment shall be 12:00 a.m., except that it shall be 10:00 p.m. on a day when a debate, pursuant to Standing Order 52 or 53.1, is to take place.

DEBATES / DÉBATS

Nil.

INTRODUCTION OF GOVERNMENT BILLS

Nil.

GOVERNMENT LEGISLATION / LÉGISLATION DU GOUVERNEMENT

Bill C-42 (Status: Introduced; First Reading), An Act to amend the Canadian Forces Members and Veterans Re-establishment and Compensation Act, the Pension Act and the Department of Veterans Affairs Act and to make consequential amendments to other Acts: the Bill was introduced and read for the first time on March 24, 2017 and is currently awaiting debate at second reading in the House of Commons.

Bill C-58 (Status: Consideration of Senate Amendments by the House), An Act to amend the Access to Information Act and the Privacy Act and to make consequential amendments to other Acts: The Standing Senate Committee on Legal and Constitutional Affairs took up its study on the Bill on October 3, 2018 by

hosting The Hon. Scott Brison, President of the Treasury Board and Minister of Digital Government, and Treasury Board Secretariat officials. The Committee continued its study of the Bill on October 18, 24, and 31, November 1, 7, and 21, December 6, February 20, 21, 27 and 28, March 20 and 21, as well as April 10. The Committee reported the Bill back to the Senate with amendments on May 1 and the Senate adopted the Committee's report. Debate at Third Reading began in the Senate on May 2 and continued on May 7. On May 7th, the Senate continued consideration at Third Reading and ultimately passed the Bill as amended. Yesterday, the House debated the Senate amendments to the Bill. Debate will resume at a later date. June 14th - the Government House Leader gave notice that at the next sitting of the House, a Minister of the Crown will propose time allocation to consider Bill C-58.

Bill C-59 (Status: Consideration by Senate of Message from the House of Commons), An Act respecting national security matters: The Bill was passed in the House on June 19, 2018. Debate at second reading in the Senate began on September 25. The Senate passed the Bill at Second Reading on December 11 and referred it to the National Security and Defence Committee (Senate). On April 10, Public Safety Minister Ralph Goodale appeared to discuss the Bill, alongside other witnesses. Clause by Clause consideration began on May 13. The Committee tabled its report on May 15, with 4 amendments. Third Reading of the Bill began in the Senate on May 29. On May 30, the Senate passed the Bill at Third Reading with four amendments. On June 7, the House considered the Senate's amendments. On June 11, the House of Commons sent a message to the Senate, indicating that the House accepts 2 of the Senate's 4 amendments. On June 12, the Senate read the message from the House. **The message is expected to be debated this week.**

Bill C-77 (Status: Third Reading Debate in the Senate), An Act to amend the National Defence Act and to make related and consequential amendments to other Acts: The Standing Committee on National Defence launched its study of the Bill on October 23, 2018 by hosting the Minister of National Defence and Judge Advocate General. The Committee reported the Bill to the House on December 3, 2018 with amendments. The Bill was agreed to at Third Reading on 28 February and was referred to the Senate. Senate First Reading took place on March 18. Second Reading began on March 20 with Senator Marc Gold sponsoring the Bill. The Senate passed the Bill at Second Reading on April 30 and referred it to the National Security and Defence Committee (Senate). The Committee met with witnesses on May 15 and 27. The Committee completed clause-by-clause consideration of the Bill on May 28 without any amendments. Debate at Third Reading in the Senate began on June 3 but was not completed; it is scheduled to continue this week.

Bill C-100 (Status: Is undergoing Second Reading in the House of Commons), An Act to implement the Agreement between Canada, the United States of America and the United Mexican States, was debated at Second Reading in the House of Commons yesterday. Before moving on to other business, the House passed a motion allocating not more than five further hours to debate before deciding whether to refer the Bill to committee for study. The Government has stated its intent to move the Bill's ratification forward "in tandem" with the United States Congress, meaning the Bill's progress through Parliament could be affected by events in Washington. **Today, *The Hill Times* reported that, according to a government official, the Government is prepared to wait "on ratification in the House until the U.S. and Mexico are ready to ratify, even if it means recalling Parliamentarians after the House rises on June 21."** **The House of Commons Committee on International Trade will be holding a pre-study of Bill C-100 tomorrow in a "super meeting" lasting from 8:30 a.m. to 1 p.m., which will serve to prepare the committee in case it studies the Bill over the summer.**

COMMITTEE OF PARLIAMENTARIANS

National Security and Intelligence Committee of Parliamentarians (NSICOP) / Comité des parlementaires sur la sécurité nationale et le renseignement

June 10 – The Hon. David McGuinty, NSICOP Chair and Rennie Marcoux, Executive Director of the NSICOP Secretariat, appeared before the Standing Senate Committee on National Security and Defence on the 2018 NSICOP Annual Report. Senators demonstrated considerable interest in the chapter related to defence intelligence, with questions largely focusing on NSICOP's recommendation to legislate defence intelligence activities. Mr. McGuinty suggested the Department may in fact be "agnostic" towards the question of legislating defence intelligence activities, and may even recognize some of its inherent benefits.

May 13 – The Hon. David McGuinty, NSICOP Chair and Rennie Marcoux, Executive Director of the NSICOP Secretariat, appeared before the Standing Committee on Public Safety and National Security (House) to discuss the 2018 NSICOP Annual Report. Questions of relevance to National Defence focused on Crown Prerogative, proposed amendments to Bill C-59, military intelligence, the Government's response to the NSICOP report, and the relationship between NSICOP and the proposed NSIRA.

February 6 – The Committee issued a press release announcing its 2019 reviews. The four reviews will look at 1) the threat to Canada's national security posed by foreign interference and the measures in place to counter it; 2) CBSA national security and intelligence activities; 3) diversity and inclusion in Canada's security and intelligence community; and 4) the collection, use, retention and dissemination of information on Canadian citizens by DND/CAF in the conduct of defence intelligence activities.

http://nsicop-cpsnr.ca/press-releases/pr-cp-2019-02-05/Jan_2019_Announcement_of_Reviews.pdf

HOUSE OF COMMONS / CHAMBRE DES COMMUNES

TABLING OF DOCUMENTS / DÉPÔT DE DOCUMENTS

June 17 - Mr. Lamoureux (Parl. Sec. to Government House Leader) tabled the Government's responses to 9 petitions.

June 17 - Ms. Vecchio (Elgin — Middlesex — London) – Tabled the 18th Report of Status of Women entitled **A Force for Change: Creating a Culture of Equality for Women in the Canadian Armed Forces**. Ms. Harder (Lethbridge) – Tabled the a dissenting report noting that the CAF has not reached its 25% recruiting target for women, has failed to respond to problems with OP Honour, and the government has taken veterans to court. <https://www.ourcommons.ca/DocumentViewer/en/42-1/FEWO/report-18>

June 17 - Mr. Lukiwski (Moose Jaw — Lake Centre — Lanigan) tabled the 18th report of OGGO entitled **“An Even Greener Government: Improving the Greening Government Strategy to Maximize its Impact”**. Mr. McCauley (Edmonton – West) tabled a dissenting on behalf of the CPC, suggesting that the report is of little value as it did not examine why the Department of National Defence is such a high emitter of greenhouse gasses. <https://www.ourcommons.ca/DocumentViewer/en/42-1/OGGO/report-18>

COMMITTEES

Standing Committee on National Defence / Comité permanent de la défense nationale (NDDN)

There are **no** defence-related meetings scheduled at this time / **Aucune** réunion concernant la défense n'est prévue en ce moment.

Standing Committee on Veterans Affairs / Comité permanent des anciens combattants (ACVA)

June 17 – The Committee met to consider the draft report on the **Effects of Mefloquine Use Among Canadian Veterans**.

Standing Committee on Public Accounts / Comité permanent des comptes publics (PACP)

“There are **no** defence-related meetings scheduled at this time / **Aucune** réunion concernant la défense n'est prévue en ce moment.”

Standing Committee on Foreign Affairs and International Development/ Comité permanent des affaires étrangères et du développement international (FAAE)

June 18 – FAAE is meeting tomorrow to consider committee business.

Standing Committee on Public Safety and National Security (SECU) / Comité permanent de la sécurité publique et nationale (SECU)

There are **no** defence-related meetings scheduled at this time / **Aucune** réunion concernant la défense n'est prévue en ce moment.

Standing Committees – Other

Standing Committee on the Status of Women (FEWO) / Comité permanent de la condition féminine

June 17 - Ms. Vecchio (Elgin — Middlesex — London) – Tabled the 18th Report of FEWO entitled A Force for Change: Creating a Culture of Equality for Women in the Canadian Armed Forces.

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<https://www.ourcommons.ca/DocumentViewer/en/42-1/FEWO/report-18>

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Standing Committee on Government Operations and Estimates (OGGO)

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<https://www.ourcommons.ca/DocumentViewer/en/42-1/OGGO/report-18>

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STATEMENTS / DÉCLARATIONS

There were **no** statements of interest to defence today / **Aucune** déclaration d'intérêt à la défense n'a été livrée aujourd'hui.

ORAL QUESTIONS / QUESTIONS ORALES

There were **two** defence-related questions in the House today / **Deux** questions portant sur la défense a été posée en Chambre aujourd'hui.

Rachel Blaney (NDP) asked why the Government is not providing the same access to health services and benefits for civilians who were actively involved in supporting the CAF mission in Afghanistan as they are to CAF members. She specifically highlighted the case of a language and culture advisor who supported the CAF mission in Afghanistan, but was unable to apply for mental health benefits. The Minister of National Defence thanked the advisor in question and all other civilians for their work and dedication to supporting the mission in Afghanistan. He added that he has requested officials to look into the case and find a solution.

Yves Robillard (LPC) rose to ask the Minister of National Defence to highlight changes being made to support Canadian reservists. The Minister of National Defence highlighted that reservists will now be paid the same as the Regular Force. He mentioned that this commitment, outlined in *Strong, Secure, Engaged*, demonstrates how the Government values the dedication of the Reservists.

There was **one** question of interest to defence / **Un** question non militaires d'intérêt potentiel n'a été posée en Chambre aujourd'hui.

James Bezan (CPC) stated that the United States refuses to recognize Canada's sovereignty over the North West Passage. He called on the Prime minister to defend Canadian sovereignty over the Arctic waters. The Parliamentary Secretary to Minister of Foreign Affairs highlighted that Canada continues to demonstrate sovereignty over its Arctic waters.

Non-defence-related questions pertained to / Des questions non-liées à la défense portaient sur:

Pipelines, Trans Mountain Pipeline, indigenous consultations, Taxes fairness, Carbon Tax, Taxes for middle income families, affordable access to dental, eye, and mental health care, national unity, Bill C-69, Bill C-48 (oil tanker moratorium), Abortion, Samuel Champlain Bridge, job losses in the forest industry, Irregular migration, Imprisoned Canadians in China, climate action plan, NAFTA negotiations, Paris Agreement Targets, Funding for Canadian Summer Jobs Program with links to terrorist organizations, alleged money laundering by an MP in British Columbia, Environmental protections, Tariffs on steel and aluminum, Hong Kong protests, Quebec law on banning religious symbols and building relations with Nunavut

ORDER PAPER QUESTIONS / QUESTIONS INSCRITES AU FEUILLETON

Six responses to questions assigned to the Department of National Defence were tabled **today** / Six réponses relative aux questions assignée au ministère de la Défense Nationale ont été déposées **aujourd'hui**.

Q2456 - Expenditures on Information and Communication Tech
Q2460 - Details on government IT projects over \$1 million
Q2462 - Government Expenditures on Gala, Concert or Sporting Event Tickets
Q2466 - Challenger Flights Since 1 Jan 2019
Q2467 - Government Contracts for Public Relations Services
Q2474 - Expenditures on Hospitality

No questions of interest to National Defence were added to the Notice Paper **today** / **Aucune** question d'intérêt pour la Défense Nationale a été ajoutée au Feuilleton des avis **aujourd'hui**.

MOTIONS / MOTIONS

Nil.

PETITIONS / PÉTITIONS

One petition was assigned to the Department of National Defence **Friday June 14** / **Une** pétition a été assignée au ministère de la Défense nationale **vendredi le 14 juin**.

Mr. Manley (Nanaimo-Ladysmith) – Presented a petition regarding public access to and reconsideration of the future usage of the Nanaimo Rifle Range and surrounding lands. Mr. Manley noted that he has further petitions on the subject to present.

NOTICES OF MOTIONS FOR THE PRODUCTION OF PAPERS / AVIS DE MOTIONS PORTANT PRODUCTION DE DOCUMENTS

Nil.

INTRODUCTION OF PRIVATE MEMBERS' BILLS / DÉPÔT DE PROJETS DE LOI ÉMANANT DES DÉPUTÉS

None relevant to DND/CAF.

PRIVATE MEMBERS' BUSINESS / AFFAIRES ÉMANANT DES DÉPUTÉS

No Private Member's Business items of interest to National Defence were added to the Notice Paper **today** / **Aucune** affaire émanant des députés d'intérêt pour la Défense nationale a été ajoutée au Feuilleton des avis **aujourd'hui**.

SENATE / SÉNAT

TABLING OF DOCUMENTS / DÉPÔT DE DOCUMENTS

June 12 – Hon. Gwen Boniface tabled the twenty-sixth report of the Senate Committee on National Security and Defence entitled *Canadian Veterans Use of Cannabis for Medical Purposes* and moved that the report be placed on the Order paper for consideration at next sitting. The motion was passed.

June 11 - Hon. Dennis Glen Patterson tabled the fourth report of the Special Committee on the Arctic entitled *Northern Lights: A Wake-Up Call for the Future of Canada* and moved that the report be placed on the Order Paper for consideration in two days. The motion was passed.

COMMITTEES

Standing Senate Committee on National Security and Defence / Comité sénatorial permanent de la sécurité nationale et de la défense (SECD)

June 17 – The Committee met to discuss Senator Jean-Guy Dagenais (CPC)'s motion to call witnesses to appear in connection with Vice-Admiral Norman's suspension. Rather than withdraw his original motion, Sen. Dagenais requested that the Committee extend the deadline for the study to allow for appearances over the course of the summer. The Committee ultimately voted 8-4 in favour of extending the deadline from 20 June to 1 August.

Senate Subcommittee on Veterans Affairs / Sous-comité sénatorial des anciens combattants (VEAC)

There are **no** defence-related meetings scheduled at this time / **Aucune** réunion concernant la défense n'est prévue en ce moment.

Standing Senate Committee on National Finance / Comité sénatorial permanent des finances nationales (NFFN)

June 18 – NFFN will consider its draft report on its study of the processes and financial aspects of the Government of Canada's system of defence procurement.

Senate Committees – Other

There are **no** defence-related meetings scheduled at this time / **Aucune** réunion concernant la défense n'est prévue en ce moment.

STATEMENTS / DÉCLARATIONS

There were **no** statements of interest to defence yesterday / **Aucune** déclaration d'intérêt à la défense n'a été livrée aujourd'hui.

ORAL QUESTIONS / QUESTIONS ORALES

There were **no** defence-related questions in the Senate yesterday / **Aucune** question portant sur la défense n'a été posée en Chambre aujourd'hui.

SENATE WRITTEN QUESTIONS / QUESTIONS INSCRITES AU FEUILLETON

No new Defence-related questions were added to the Notice Paper **yesterday** / **Aucune** nouvelle question reliée à la Défense n'a été inscrite au Feuilleton des avis **hier**.

MOTIONS / MOTIONS

Nil.

Riley D. Hennessey

Director of Parliamentary Affairs, Assistant Deputy Minister (Policy)

Department of National Defence / Government of Canada

Riley.Hennessey@forces.gc.ca / Tel: 613-996-8960

Directeur des Affaires parlementaires, Sous Ministre Adjoint (politiques)

Ministère de la Défense nationale / Gouvernement du Canada

Riley.Hennessey@forces.gc.ca / Tél. : 613-996-8960

Excellence in Infrastructure and Environment

**DND Green Base Concept
Meeting with TBS May 2017**

**Director General Environment and Sustainable
Management**

TBS proposal - 2 signature projects to demonstrate leadership

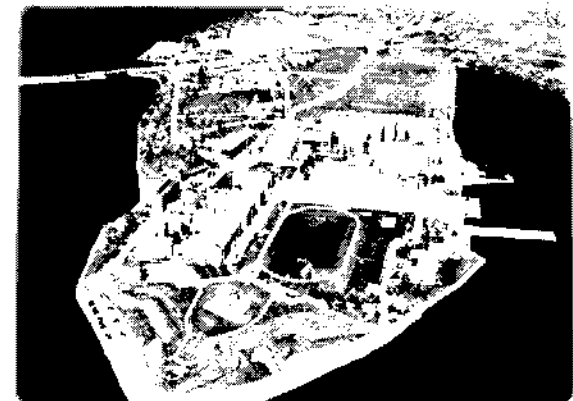
1. Low Carbon Parliament (PSPC)

- Clean heat
- Clean electricity
- Energy conservation
- Carbon instruments



2. Green Base (DND)

- Renewable energy generation
- Clean power purchases
- Portfolio renewal
- Federal building initiatives



Characteristics of a green base

An integrated approach to reduce GHG emissions and lower the environmental impact of a military base

Energy



Carbon neutral

Energy efficiency & clean energy



Innovation testing ground

Environment


Range sustainability & land use planning

Pollution prevention & species at risk

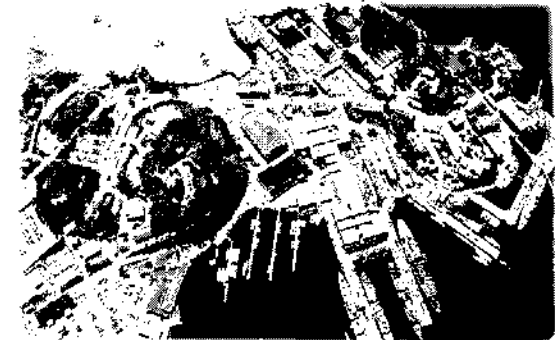
Sustainable workplace & waste management

Green base initiatives Towards carbon neutral

Implement energy conservation measures



2. Reduce direct emissions.
(Scope 1 & 2)

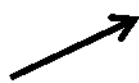


1. Understand your emissions.



Scope 1: Fuel combustion on site (e.g., fleet, heating)
Scope 2: Purchased electricity
Scope 3: Business travel and military operations

3. Offset the balance of what you can't reduce.
Purchase carbon credits



4. You're carbon neutral.
Net zero emissions

Example: Alberta Bulk Electricity contract
Opportunity: Carbon sinks on DND land

Green base initiatives

Portfolio renewal

Consolidation of the real property portfolio

- Reduce the footprint and improve the operational efficiency by lowering gas, water and electricity consumption and encourage employees to walk/cycle on base

More efficient buildings

- Complete energy performance contracts
- Encourage energy/water conservation measures, implement a rigorous lifecycle approach, build smart buildings, conduct deep retrofits, improve indoor environment quality

Efficient heating/cooling systems

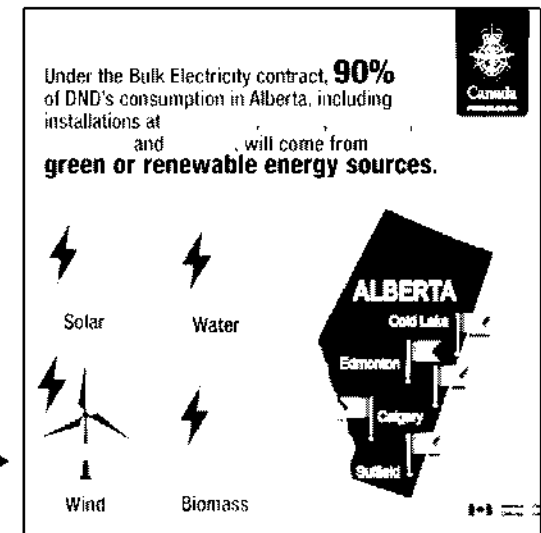
- Renew central heating plants

Green base initiatives

Clean energy

- Pursue renewable energy initiatives
 - Providing clean energy on bases is the most efficient way to reduce GHG emissions and support innovation
 - Implementing renewable energy solutions to meet the green base needs should be the priority
- Green the commercial vehicle fleet
 - Deploying electric charging stations will further support the use of zero-emitting vehicles in DND

DND is already a leader in clean energy in Alberta

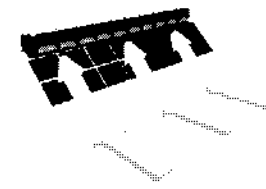


Green base initiatives Innovation centre



- Testing ground for new and emerging technologies
 - Implement clean technology pilot projects
 - Partner with the Build in Canada Innovation Program (BCIP) to help businesses implement their cutting-edge innovations by testing them on federal lands
- Pilot base for new planning and energy approaches
 - Implement new lifecycle measures and environmental design
 - ✓ Solar Global Solutions
 - ✓ RidgeBlade wind turbine
 - ✓ Discussions with Morgan Solar

**SOLAR
GLOBAL
SOLUTIONS**



morgansolar

Preliminary green base selection factors

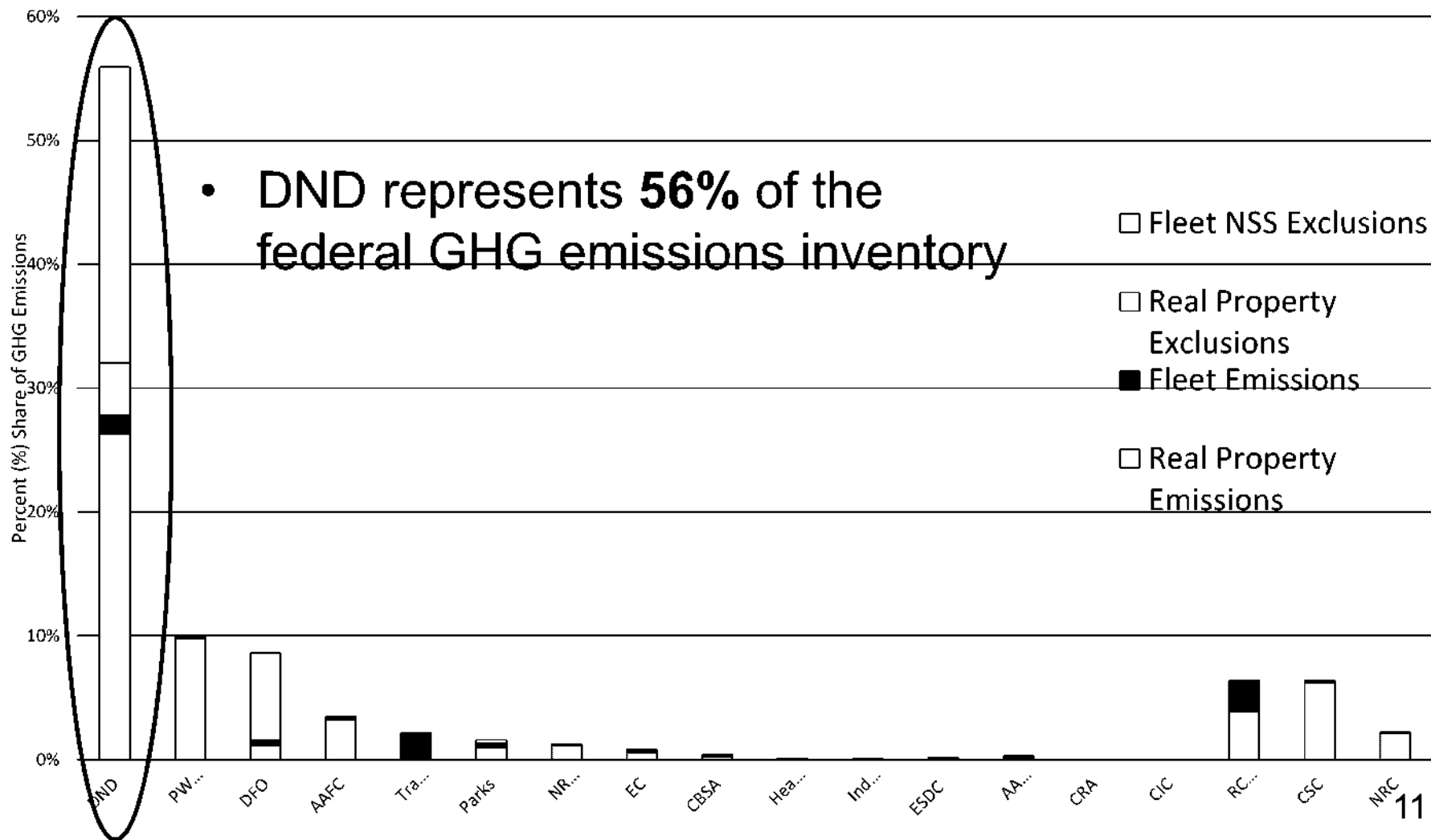
- ✓ Achievable CO2 neutrality
- ✓ Operational barriers
- ✓ National visibility
- ✓ GHG intensity of grid
- ✓ Integration with future long-term planning
- ✓ Integration with infrastructure capital plans
- ✓ Time to implement

Way forward

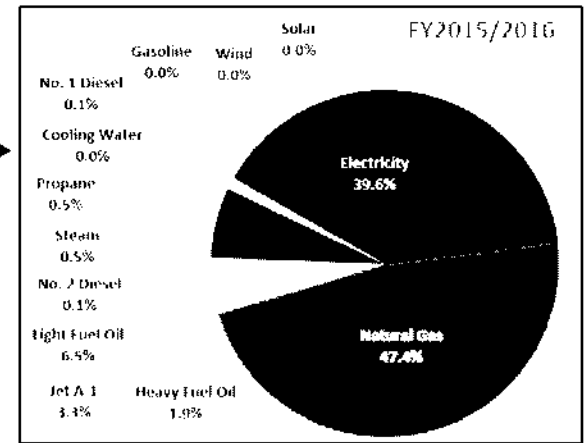
- Confirm budget, approach and best option for a green base
- Complete options analysis and initiative costing that could be submitted as part of the greening government initiatives

Supporting Slides

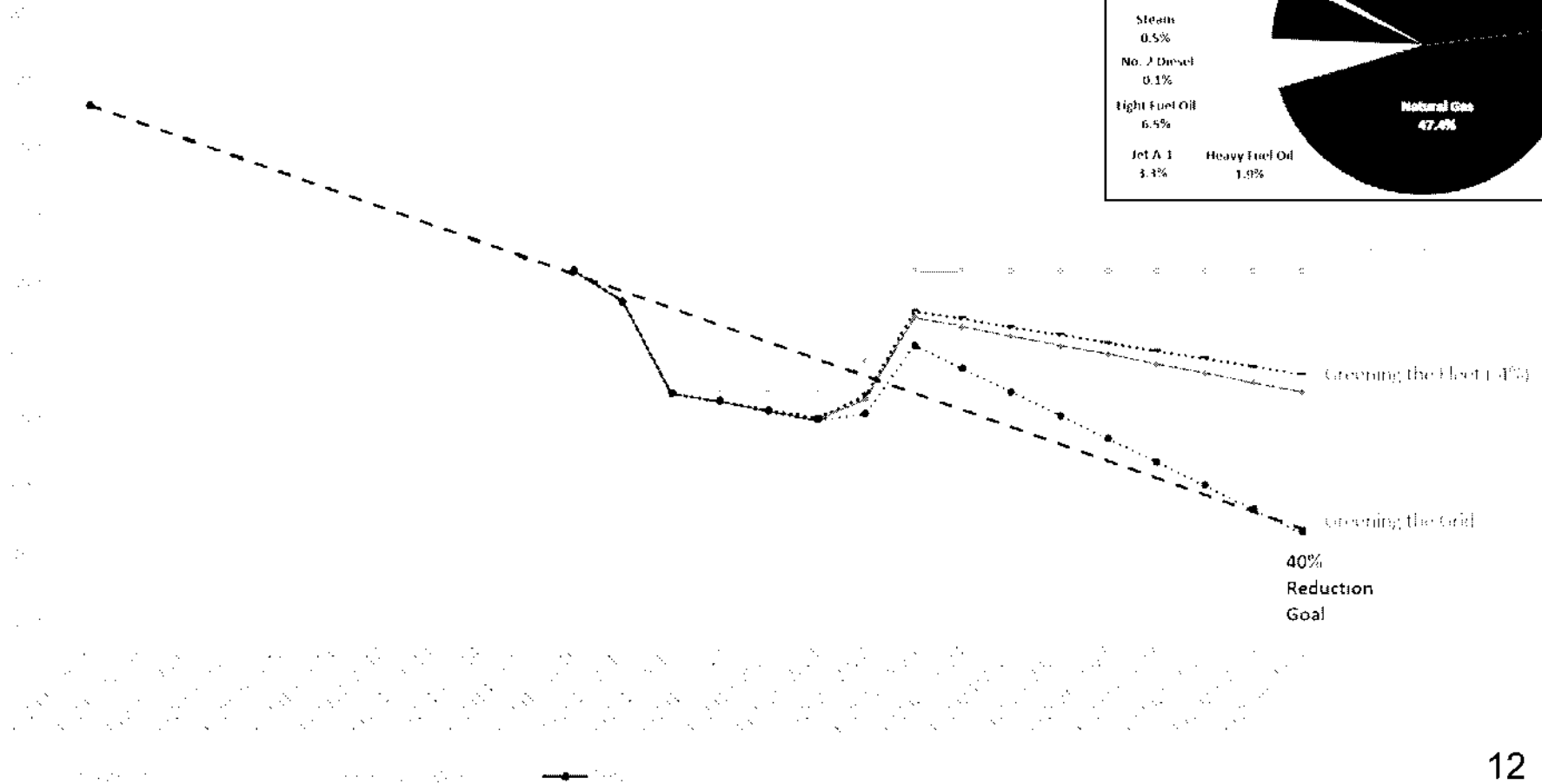
Greenhouse gas emissions by department



DND greenhouse gas emissions forecast



Infrastructure energy sources →



Fleet GHG Accounting and Reporting Template (FY 2017-18)

Fleet GHG Inventory Summary

DND
 Maryam Manesh
 2017-18

Category	Emission source	Vehicle / equipment count	Activity data	Activity units	GHG emissions [1]		GHG emissions rate	Fuel consumption		Fuel consumption rate	Energy use		Energy use intensity
					tonnes CO ₂ e	% [2]		GLE	% [2]		GJ	% [2]	
Scope 1	On-road vehicles	-	-	Vehicle kilometres travelled (km)	8,221	1%	NA g/km			NA GLE/100 km	115,312	1%	NA MJ/km
	Marine vessels	-	-	Total hours in service (hr)	121,552	18%	NA kg/hr			NA GLE/hr	1,769,508	18%	NA GJ/hr
	Aircraft	-	-	Total distance travelled (km)	547,188	81%	NA kg/km			NA GLE/km	7,966,243	81%	NA GJ/km
	OME Other mobile equipment	-	NA	Equipment count (units)	-	0%	NA kg/unit/yr	-		NA GLE/unit/yr	-	0%	NA GJ/unit/yr
Scope 1 totals					676,961	100%		-			9,851,063	100%	
Scope 2 (indirect) GHG emissions from electric vehicles are accounted for as Facility emissions.													
Fleet inventory totals for DND					676,961			-			9,851,063		

Notes:

1. Use drop-down menu to change GHG emission units to either kg or tonnes of CO₂e
2. Percentages shown are relative to fleet inventory totals

Prepared By: _____
 Maryam Manesh
 ADM(IE)

Date: _____
 Aug 1, 2018



RETURN BIDS TO:

RETOURNER LES SOUMISSIONS À:

Public Works and Government Services / Travaux
publics et services gouvernementaux
Kingston Procurement
Des Acquisitions Kingston
86 Clarence Street, 2nd floor
Kingston
Ontario
K7L 1X3
Bid Fax: (613) 545-8067

**LETTER OF INTEREST
LETTRE D'INTÉRÊT**

Title - Sujet PSAB Supply Clean Electricity	
Solicitation No. - N° de l'invitation EN438-189003/A	Date 2018-10-18
Client Reference No. - N° de référence du client EN438-18-9003	GETS Ref. No. - N° de réf. de SEAG PW-\$KIN-519-7597
File No. - N° de dossier KIN-8-50084 (519)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2018-11-20	
Time Zone Fuseau horaire Eastern Standard Time EST	
F.O.B. - F.A.B.	
Plant-Usine: Destination: Other-Autre:	
Address Enquiries to: - Adresser toutes questions à: Choquette, Herb	Buyer Id - Id de l'acheteur kin519
Telephone No. - N° de téléphone (613) 536-4874 ()	FAX No. - N° de FAX (613) 545-8067
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: DEPARTMENT OF PUBLIC WORKS AND GOVERNMENT SERVICES CANADA 340 Albert St, 10th Floor OTTAWA Ontario K1A0S5 Canada	

Comments - Commentaires

Instructions: See Herein

Instructions: Voir aux présentes

Vendor/Firm Name and Address
Raison sociale et adresse du
fournisseur/de l'entrepreneur

Delivery Required - Livraison exigée See Herein	Delivery Offered - Livraison proposée
Vendor/Firm Name and Address Raison sociale et adresse du fournisseur/de l'entrepreneur	
Telephone No. - N° de téléphone Facsimile No. - N° de télécopieur	
Name and title of person authorized to sign on behalf of Vendor/Firm (type or print) Nom et titre de la personne autorisée à signer au nom du fournisseur/ de l'entrepreneur (taper ou écrire en caractères d'imprimerie)	
Signature	Date

Issuing Office - Bureau de distribution

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et services gouvernementaux
Kingston Procurement
Des Acquisitions Kingston
86 Clarence Street, 2nd floor
Kingston
Ontario
K7L 1X3

Department of National Defence

Provision of Clean Electricity for National Defence Establishments (Aboriginal Set-Aside)

Request for Information

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1. Background and Purpose

- 1.1. The Government of Canada is committed to using 100 percent clean electricity (low-carbon or renewable sources) by 2025 for federal facilities and fleets as set out in the Pan-Canadian Framework on Clean Growth and Climate Change. To support that commitment, the Department of National Defence (DND) is interested in pursuing opportunities to supply and/or use clean electricity at National Defence Establishments within the same timeframe.
- 1.2. This will support the Government of Canada and DND commitment to reducing greenhouse gas emissions from federal government facilities and fleets by 40 percent below 2005 levels by 2030 and 80 percent below 2005 levels by 2050.
- 1.3. The purpose of this RFI is to request feedback from interested parties that will be used to inform a potential solicitation for clean electricity production under two potential contracting models:
 - 1.3.1. Power Purchase Agreements: generating clean power for the department under a fixed price plan for a negotiated duration under the Procurement Strategy for Aboriginal Business on DND or adjacent Indigenous lands.
 - 1.3.2. Construction of small micro generation systems under the Procurement Strategy for Aboriginal Business on DND property.
- 1.4. For the purposes of this RFI, clean electricity is considered to be electricity generated through non-emitting resources (ex. hydro, wind, solar, nuclear, geothermal, etc.)

2. Objectives

- 2.1. The objectives of this RFI are to:
 - 2.1.1. Bring attention to the potential for an Indigenous set-aside and/or, if applicable, economic measures under Comprehensive Land Claim areas and get as much participation from Indigenous companies as possible;
 - 2.1.2. Gauge interest in Indigenous business opportunities for the provision of clean electricity production, maintenance and distribution;
 - 2.1.3. Ensure that any future procurement process is as effective as possible by ensuring that potential bidders have the capacity and expertise to deliver the type of services being requested; and
 - 2.1.4. Provide Indigenous companies the opportunity to communicate information about the factors that DND should take into consideration when planning and developing statements of work for supplying Defence Establishments with clean electricity.

3. Nature of this RFI

3.1. This is not a bid solicitation, it is a request for information. This RFI will not result in the award of any contract. As a result, potential suppliers of any goods or services described in this RFI should not reserve stock or facilities, nor allocate resources, as a result of any information contained in this RFI. This RFI will not result in the creation of any source list. Therefore, whether or not any potential supplier responds to this RFI will not preclude that supplier from participating in any current or future procurement. Also, the procurement of any of the goods or services described in this RFI will not necessarily follow this RFI. This RFI is simply intended to solicit feedback with respect to the matters described in this RFI.

4. Contents of this RFI

- 4.1. This RFI contains specific questions addressed to Industry – see section 5.
- 4.2. Annex A to this RFI contains DND’s electricity consumption.
- 4.3. Annex B to this RFI contains a backgrounder on the Procurement Strategy for Aboriginal Business (PSAB).

5. Questions to Industry

5.1. Respondents are asked to respond to the questions listed below. In the event that DND pursues a competitive solicitation for clean electricity, the responses will be used to inform the procurement strategy. A response does not need to be provided for every question.

5.1.1. Is your company/partnership interested in responding to a solicitation set-aside under the PSAB and/or economic measures under Comprehensive Land Claim Agreements for supplying Defence Establishments with clean electricity? For more information on PSAB, please refer to Annex B.

5.1.2. Is your company/partnership interested in responding to a solicitation for generating clean electricity under a fixed price plan with a 25-year term?

5.1.3. Please identify what provinces you conduct business in and what types of clean energy projects your company would be interested in bidding on. Consider populating the table below.

Province	Solar (0-100kW)	Wind (1MW – unlimited)	Geothermal	Other (specify)

- 5.1.4. Please provide a list of clean energy contracts that your company/partnership has completed.
- 5.1.5. Annex A identifies DND's electricity consumption. Do you have the capacity to meet the electricity demands for any of the Defence Establishments? Please specify what establishments.
- 5.1.6. What capacity does your company/partnership have to design, build, or operate micro-generating facilities on DND properties north and south of Canada's 60th?

6. Nature and Format of Responses Requested

- 6.1. Respondents are asked to respond to the questions listed in Section 5. Any assumptions made in the responses should be explained. A response does not need to be provided for every question. Respondents can respond to as many questions as they would like. Please structure your submission so that it is clear which question(s) you are responding to.

7. Response Costs

- 7.1. Canada will not reimburse any respondent for expenses incurred in responding to this RFI.

8. Treatment of Responses

- 8.1. Use of Responses: Responses will not be formally evaluated. However, the responses received may be used by Canada to develop or modify procurement strategies for purchasing clean electricity. Canada will review all responses received by the RFI closing date and may at its discretion, review responses received after the RFI closing date.
- 8.2. Review Team: A review team composed of representatives of Canada will review the responses. Canada reserves the right to engage any independent consultant, or use any Government resources that it considers necessary to review any response. Not all members of the review team will necessarily review all responses.
- 8.3. Confidentiality: Respondents should mark any portions of their response that they consider proprietary or confidential. Canada will handle the responses in accordance with the Access to Information Act.

9. Submission of Responses

- 9.1. Interested parties should email their responses to Herb Choquette at Herb.Choquette@pwgsc-tpsgc.gc.ca by 6 November, 2018 at 2:00 p.m. EST.

10. Enquiries

- 10.1. Because this is not a bid solicitation, Canada will not necessarily respond to enquiries in writing or by circulating answers to all potential suppliers. However, respondents with questions regarding this RFI may direct their enquiries to:

Choquette, Herb
Telephone No. - (613) 536-4874
Fax No. - (613) 545-8067
Email - Herb.Choquette@pwgsc-tpsgc.gc.ca

11. No Obligation

- 11.1. The issuance of this RFI or any engagement activities issued as part of this RFI do not create an obligation for Canada to issue a subsequent bid solicitation and does not bind Canada legally or otherwise, to enter into any agreement or to accept any suggestions from industry.
- 11.2. This supplier community consultation process is not a bid solicitation and a contract will not result from this request. Potential suppliers of any goods or services described in this RFI should not reserve stock or facilities, nor allocate resources, as a result of any information contained in this RFI.
- 11.3. Potential respondents are advised that any information submitted to Canada in response to this industry consultation process may be used by Canada in the development of a subsequent competitive solicitation. However, Canada is not bound to accept any expression of interest or to consider it further in any associated documents such as a Request for Proposal.

Annex A:
DND's Electricity Consumption

Province	Base/Wing/Unit/Station	Electricity Consumption by Establishment (MWh)		DND Electricity Consumption by Province (MWh)	
		16-17	17-18	16-17	17-18
AB	4 Wing Cold Lake (main base)	39,399	37,427	122,234	120,200
	Calgary	4,051	3,857		
	Edmonton	37,555	38,250		
	Suffield	23,297	23,287		
	Wainwright	17,931	17,380		
BC	19 Wing Comox	15,054	14,894	105,669	93,956
	Chilliwack	5,372	4,374		
	Esquimalt	85,243	74,688		
MB	17 Wing Winnipeg	17,264	25,145	33,321	40,913
	Shilo	16,057	15,768		
NB	Gagetown	45,537	45,359	45,537	45,359
NL	5 Wing Goose Bay	38,243	40,676	47,759	45,968
	9 Wing Gander	4,657	433 ¹		
	St. John's	4,858	4,858		
NS	14 Wing Greenwood	23,982	23,399	138,148	133,534
	Aldershot	4,388	4,245		
	Halifax	109,778	105,890		
NT	Inuvik	879	855	2,824	2,252
	Yellowknife	1,945	1,397		
NU	Eureka	295	0 ²	1,576	995
	Iqaluit	609	906		
	Rankin Inlet	611	89		
	Winnipeg (Resolute Bay)	62	0 ³		
ON	22 Wing North Bay	14,606	14,013	264,712	262,125
	8 Wing Trenton	62,842	53,220		
	Borden	52,494	52,932		
	CFSU (Ottawa)	22,542	18,336		
	Dwyer Hill (DCC)	7,792	7,792		
	Kingston	50,428	47,908		
	London	2,528	2,681		
	Meaford	6,675	5,557		
	Northern Ontario	1,213	1,657		
	Petawawa	16,998	28,553		
	Shirley's Bay (DCC)	6,709	5,060		
Toronto	19,885	24,415			
PE	Charlottetown	622	637	622	637
QC	3 Wing Bagotville	23,459	23,584	154,805	143,716
	CFSU (Ottawa)	255	235		

¹ Data not yet verified.

² Data not yet verified.

³ Data not yet verified.

Province	Base/Wing/Unit/Station	Electricity Consumption by Establishment (MWh)		DND Electricity Consumption by Province (MWh)	
		16-17	17-18	16-17	17-18
	Farnham	3,500	3,623		
	METC Nicolet	1,484	1,427		
	Montreal	21,882	22,117		
	St-Jean	19,603	20,199		
	Valcartier	84,622	72,530		
SK	15 Wing Moose Jaw	2,112	778	5,620	4,588
	Dundurn	3,509	3,810		
YT	Whitehorse	581	283	581	283
Grand Total				923,408	894,526

Annex B:
Procurement Strategy for Aboriginal Business (PSAB)
Backgrounder



Procurement Strategy for Aboriginal Business (PSAB) for Government of Canada

The Procurement Strategy for Aboriginal Business (PSAB) was established to help Aboriginal businesses do more contracting with the Government of Canada and to promote Aboriginal business development through the federal government procurement process. This initiative consists of the following elements: greater emphasis on Aboriginal economic development when planning procurements; mandatory set-asides and voluntary set-asides; provision for subcontracting with Aboriginal businesses when the primary requirement is outside of international trade agreements (NAFTA, WTO-AGP and CETA); and, requirements for each department and agency with an annual contracting budget in excess of \$1.0 million to develop multi-year performance objectives for contracting with Aboriginal businesses.

The Procurement Strategy for Aboriginal Business (PSAB)

What is the Procurement Strategy for Aboriginal Business?

PSAB is administered by Aboriginal Affairs and Northern Development Canada (AANDC). For more information please visit the [PSAB website](#).

There are two forms of set-asides:

- **Mandatory:** applies to all contracts that serve a primarily Aboriginal population (i.e., at least 80 per cent) and that are valued at more than \$5,000.
- **Voluntary:** may be applied to other contracts by federal buyers whenever practical and where Aboriginal business capacity exists.

Who is eligible to bid on a PSAB set-aside?

Set-asides are designated for Aboriginal businesses, defined as:

- Business enterprise (a sole proprietorship, limited company, co-operative, partnership, or not-for-profit organization) which has: 1) a minimum of 51 per cent ownership and control by Aboriginal persons, and 2) when the business has six or more full-time employees, at least 33 per cent of the full-time employees are Aboriginal persons.

OR

- A joint venture or consortium in which Aboriginal businesses and/or non-Aboriginal businesses partner must have at least 51 percent ownership and control by Aboriginal persons. All joint ventures or consortiums also require that Aboriginal content is at least 33 per cent of the total value of the work to be performed.

Set-asides may only be awarded if:

Aboriginal businesses and/or joint ventures certify in bid documentation that they meet the above eligibility criteria, agreeing to comply with required Aboriginal content in the performance of the contract, and agreeing to furnish required proof and comply with eligibility auditing provisions; and Aboriginal businesses are registered in the Aboriginal Business Directory (ABD).

What is the Aboriginal Business Directory (ABD)?

The ABD is a **flexible, customized** database and **marketing agent** where buyers and sellers can identify and generate **networking opportunities** and increase the **global visibility** of their businesses.

The ABD is used to identify Aboriginal business capacity across the country and to promote federal, provincial and private sector procurement opportunities.

The ABD is comprised of a wide variety of business industries such as restaurants, accommodations, construction, information technology and consulting services to name a few.

Registration in the Aboriginal Business Directory is voluntary and subject to the eligibility criteria under the Procurement Strategy for Aboriginal Business (PSAB).

Why join the ABD?

It's **free, easy**, increases business visibility and allows you to bid on PSAB set-aside contract opportunities!

<http://www.aadnc-aandc.gc.ca/abd>

Contacts and Resources

Aboriginal Procurement and Business Promotion (APBP) Directorate

For more information on the PSAB:

Telephone (Toll-free): 1-800-400-7677

saea-psab@aadnc-aadnc.gc.ca

<http://www.aadnc-aandc.gc.ca/psab>

PSAB Coordinators

Each federal department has a PSAB Coordinator.

The contact information for each coordinator can be found at the following website:

<http://www.aadnc-aandc.gc.ca/psab>