

New Carbon Neutral Government (CNG) Mailbox: Carbon.Neutral@gov.bc.ca

Important Information for 2017 Reporting Year

Guidance and template documents have been emailed to all public sector organizations (PSOs) to support completion of annual carbon neutral government (CNG) reporting requirements. If you didn't receive the email, you can access the documents by clicking the links below.

- [Carbon Neutral Action Report instructions & template](#)
- [Small Emitters Form](#)
- [Self certification checklist template](#)
- [The CNAR survey form online](#)
- [All 2017 guidance documents](#)

Please ensure that we have up-to-date contact information for your organization so that important information is not missed.

Upcoming Carbon Neutral Government Webinar – SMARTTool Q&A Webinar

WHAT: SMARTTool Q&A Webinar

WHEN: Wednesday, February 21, 10:00-11:00 am

HOW: Webinar — [REGISTER HERE](#)

The CNG team will be hosting a SMARTTool Q&A session on **Wednesday, February 21st from 10:00-11:00 am**. This interactive session will build on prior webinars and the helpful materials available through the SMARTTool [Training and Support](#) site. If you are new to SMARTTool please try to review the existing help material before attending. This webinar will provide an opportunity to go over common SMARTTool questions and is specifically for SMARTTool users.

CNG Program Overview Webinar

A CNG Program Overview Webinar for the 2017 reporting year was held on January 31, 2018. If you were not able to attend or would like to view it again for reference, it has been posted to the SMARTTool [Training and Support](#) site.

Success Stories

Did your organization complete a project or initiative in 2017 that has resulted in significant operational greenhouse gas emissions reductions? We would like to hear from you! As a part of the annual report we like to highlight success stories that demonstrate PSO leadership in action on climate change and sustainability.

If you would like us to consider your success story for the 2017 annual report, please email your idea with a description of the project, technologies or innovation involved, annual GHG reductions, cost savings and any other relevant information to carbon.neutral@gov.bc.ca by March 31, 2018.

2017 CNG REPORTING YEAR DEADLINES

APR 30, 2018:

- All 2017 data loaded into SMARTTool

MAY 15, 2018:

- Self-certification checklist submitted by email

MAY 31, 2018:

- Carbon Neutral Action Report (CNAR) submitted
- CNAR survey submitted online by email
- Final offset payment due

SMARTTool Data Loading:

Load Early and Load Often

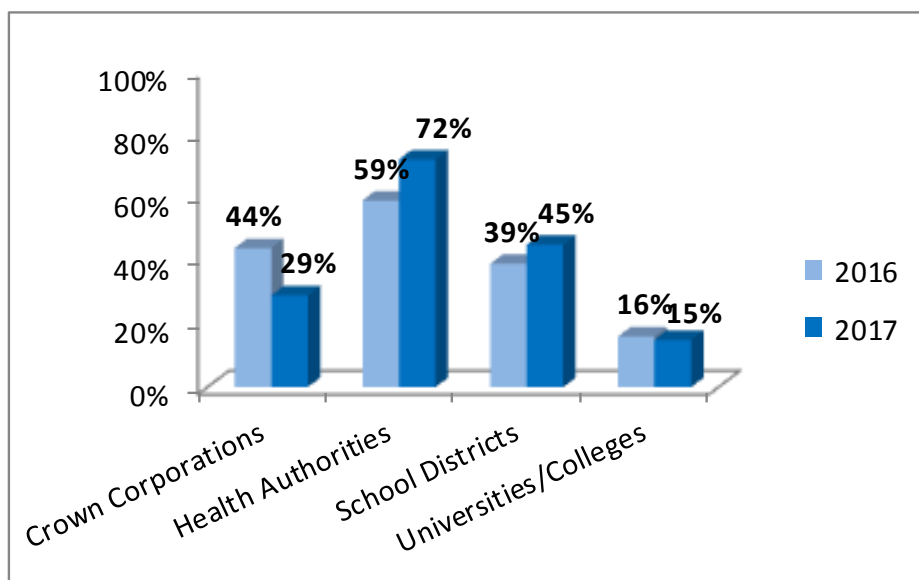
Please continue to load your consumption/activity data into SMARTTool, early and often.

For those PSOs using our Electronic Data Exchange (EDX) service which electronically transfers their electricity and natural gas data into SMARTTool, please review and

resolve your EDX error messages regularly. This will ensure your utility data continues to flow into SMARTTool without interruption.

Please note, the next EDX data transfers are on March 9th for BC Hydro and March 10th Fortis Natural Gas.

Percentage of 2017 emissions data loaded onto SMARTTool, compared to 2016



Carbon Tax

B.C.'s carbon tax, currently at \$30/tCO₂e, will be increasing by \$5/tCO₂e per year starting April 1, 2018, until it reaches \$50/tCO₂e by 2021. This is in front of the recently announced federal national carbon price that will start at \$10 tCO₂e in 2018 and rise by \$10 per year until it reaches \$50/tonne in 2022.

Carbon pricing provides a signal across the economy to reduce emissions and increase investment in low carbon technologies which encourages sustainable economic activity and clean jobs.

Offset Price

B.C.'s offset price remains at \$25 per tCO₂e.

CNCP

Many PSOs may have applied for CNCP (Carbon Neutral Capital Program) funding. Information on CNCP will be coming from the ministries responsible:

- Ministry of Health: Dragana Perisic; Director Capital Policy and Planning, Dragana.Perisic@gov.bc.ca
- Ministry of Education: Raouldy Hottua, Manager Facility Condition, Raouldy.Hottua@gov.bc.ca
- Ministry of Advanced Education, Skills and Training: Everett Vossen, Manager Capital Asset Management; Everett.Vossen@gov.bc.ca

Reducing Emissions

New resources to support emission reductions are now available for PSOs through the [CNG website](#). There is a guide to the use of low carbon materials in the construction of new facilities which can help achieve LEED v4 points. The guide provides an overview on the merits of using wood and Portland limestone cement and details the LEED v4 points that can be earned using these low carbon materials. For information on LEED, please access the Canada Green Building Council [website](#).

A second new resource available to you is a corporate supply arrangement (CSA) for electric vehicle charging stations. PSOs are able to [access](#) the CSA to seek quotes from vendors without posting an RFP. Under the EV charging station CSA, PSOs can procure Level II stations, installation services and/or optional features, such as hangers and plugs.

Another CSA is in the works for energy management and renewable energy studies. We are aiming to have this CSA available in the summer.

Climate Telling Web Portal

The Government of Canada, with support from the Centre for Indigenous Resources, has launched the Climate Telling web portal (<http://www.climate-telling.info/>) to create awareness about climate change and the impact on human health facing indigenous communities in Canada. The website provides resources and tools for indigenous communities interested

in undertaking climate change and health related initiatives and a platform for sharing knowledge, expertise and experiences while exploring opportunities for collaboration between scholars, professionals and community advocates. This is a space that can also be used to share upcoming events and funding opportunities.

U.S. Climate Resilience Toolkit

Organized by the United States Global Change Research Program, the US Climate Resilience Toolkit is a website designed to help people find and use tools, information, and subject matter expertise to build climate resilience. The Toolkit offers information from all across the U.S.

federal government in one easy-to-use location and offers free online training courses to help you build your knowledge, skills and climate resilience. More information is available at: <https://toolkit.climate.gov/training-courses>

Understanding Risk BC Symposium

Understanding Risk BC Symposium will be held April 16-17, 2018 in Victoria, BC. This event brings together an interdisciplinary group of builders, insurers, investors, engineers, planners, and academics to share knowledge and perspectives on how to build long-term resilience to future hazard events and the impacts of climate change. While there will be emphasis on seismic hazard, there is a recognition of risks associated with wildfire, flood, and sea level rise and that a variety of these hazards need to be considered in the built environment in various regions throughout the province. To register: <https://www.eventbrite.com/e/understanding-risk-bc-tickets-42439810616>

King Tides Help to Visualize Sea Level Rise

The City of Vancouver recently asked residents to be citizen scientists and document December's king tides in order to help the City visualize how the shoreline will change due to sea level rise. Photos can be viewed on the [City's Sea Level Rise Story Map page](#).

Sustainability Associates Model: One Year Pilot

The Ministry of Citizens' Services manages approximately 1500 facilities spanning 1.5 million square meters on behalf of ministries and other public sector organizations who deliver a wide range of public services. Strategic and comprehensive energy management is one key priority of the ministry's Real Property Division (RPD).

Engaging building occupants is an important component of an effective energy conservation strategy. Research estimates that changing the way building occupants use energy can save between 2 and 10 per cent of total energy consumed. Typically behaviour changes have low or no financial cost, yet they require human capital to implement.

RPD is undertaking a pilot project with four ministries during calendar 2018 to test the Sustainability Associates model for engaging building occupants energy and waste reduction.

The Sustainability Associates model is based on the principles of community-based social marketing, as well as behavioural economics, both of which address barriers and benefits to desired behaviour. RPD is partnering with the PSA's Behavioural Insights Group (BIG) which uses the EAST framework: the more Easy, Attractive, Social and Timely (EAST) the strategies are, the more effective they will likely be in encouraging the desired actions.

Three critical elements of effective engagement include:

EXECUTIVE SUPPORT | Executive endorsement of behaviour change links to corporate culture, which is driven by executive.

BUILDING LEVEL DATA | Access to building level data regarding energy consumption and waste to support business case development, validate behaviour change campaigns, and motivate energy consumption efforts.

INFORMATION SHARING/RELATIONSHIP BUILDING | Opportunities to share knowledge and experience regarding energy and waste reduction opportunities, especially with building operators.

RPD's pilot project will be testing the Sustainability Associates model as an alternate and potentially more effective model of engaging building occupants. Specifically, it is testing whether the model can be used to support and enable building occupants to set baselines, develop energy + waste conservation targets, and to meet those targets. Through behaviour change, building occupants will contribute meaningfully to energy and waste reduction. For more information, contact Jessica.Woolliams@gov.bc.ca



WE NEED YOU!

Do you want to learn knowledge and skills for sustainability leadership?

Move the BC Government towards the potential for a zero greenhouse gas, zero waste future?



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