

March 2018

## 2017 CNG REPORTING YEAR DEADLINES

### APR 30, 2018:

- All 2017 data loaded into SMARTTool

### MAY 15, 2018:

- Self-certification checklist emailed to [Carbon.Neutral@gov.bc.ca](mailto:Carbon.Neutral@gov.bc.ca)

### MAY 31, 2018:

- Carbon Neutral Action Report (CNAR) survey submitted online
- CNAR emailed to [Carbon.Neutral@gov.bc.ca](mailto:Carbon.Neutral@gov.bc.ca)
- Final offset payment due

## Charging Solutions & Incentives Program

A new provincially funded program for charging stations has just launched. The program provides rebates for the purchase and installation of EV charging stations as well as support for planning:

- Guidance on planning for charging stations in multi-unit residential buildings and workplaces
- 50% up to \$4,000 for a Level 2 and up to \$2,000 for a Level 1 charging station in workplaces

- 75% up to \$750 rebate for a Level 2 charging station in single-family homes & duplexes
- 75% up to \$4,000 incentive for a Level 2 charging station in multi-unit residential buildings.

Visit [PlugInBC.ca/ChargingSolutions](http://PlugInBC.ca/ChargingSolutions) for more information. And public sector organizations (PSOs) should not forget to make use of the [Corporate Supply Arrangement](#) for charging stations to streamline your purchasing process.

## Fraser Basin Council Webinar:

### Online Adaptation Tools

Last year, the Climate Action Secretariat's own Johanna Wolf and Pacific Climate Impacts Consortium's Trevor Murdock presented on the capabilities of online tools through examples of the types of information, data, and outputs they

can produce, and for which purposes they can be used. Covered tools include: Plan2Adapt, the Regional Analysis Tool, ClimateWNA, and BC Climate Explorer. To watch the webinar, click [here](#).

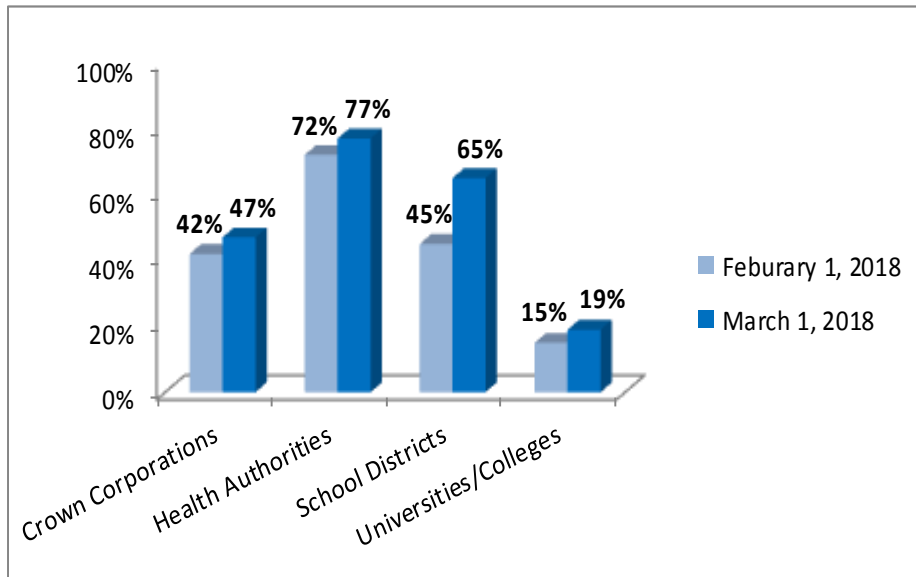
## Compendium of Best and Promising Practices

The Pan-Canadian Framework on Clean Growth and Climate Change documents federal, provincial and territorial commitments to substantive actions on both climate mitigation and adaptation. This includes five actions for government leadership: (1) setting ambitious targets; (2) developing action plans; (3) cutting emissions from government buildings and fleets; (4) scaling up clean procurement; and (5) building institutional resilience.

To support the fulfillment of and reporting on these commitments, the BC Climate Action Secretariat is working with its federal counterpart and the Canadian Council of the Ministers of the Environment, on an interjurisdictional scan to build a compendium of best and promising "greening government" practices.

The compendium will offer governments an inventory of methods and techniques to use in setting ambitious targets, developing action plans, cutting emissions from buildings and fleets, building resilience, and scaling up clean procurement and adopting clean technologies. The compendium is scheduled to be completed in May of this year.

## 2017 emissions data loaded onto SMARTTool, as a percentage of total 2016 emissions



The April 30 deadline to load data into SMARTTool is now only six weeks away. Judging from the chart above, PSOs are generally making good progress to meet the deadline. However, some PSOs are behind on loading their data and these PSOs

can expect a call from our friendly CNG staff in the coming days and weeks.

If you are having any issues with SMARTTool please contact us at [Carbon.Neutral@gov.bc.ca](mailto:Carbon.Neutral@gov.bc.ca).

## SMARTTool Year End Reporting Tips

- \* Ensure that 2017 building, fleet and paper data are fully loaded to the end of December 2017:
  - ⇒ Check the Reports page to view the data entered by month;
  - ⇒ Check the last reading dates on a Configuration Report to confirm that data was entered for the entire 2017 calendar year;
  - ⇒ Consumption bills that span multiple calendar years can be entered in one load session – just specify your *Reading From* and *Reading To* dates in the SMARTLoad Template based on the billing dates.
- \* Remember to trigger estimates for any buildings with *Fixed EIU* or *Regional Calc* estimates.
- \* If using EDX, review errors and replace meters as necessary.
- \* SMARTTool training material is available through webinars on the [Training and Support](#) page.
- \* Contact [Carbon.Neutral@gov.bc.ca](mailto:Carbon.Neutral@gov.bc.ca) if you require SMARTTool support.

## Career Focus Green Jobs

The Career Focus Wage Subsidy Program for green jobs is for employment opportunities that have a green mandate or any job with an employer that has an environmental focus. The Government of Canada is partnering with BioTalent Canada to cover the cost of a new graduate's salary by 50% to a maximum of \$13,500/year. Employers can bring on an eager, educated young worker for a special project – and at the end of the placement end up with a skilled candidate already oriented to their company.

Green jobs are employment opportunities that meet the following criteria:

- Help reduce the consumption of energy and raw materials;
- Limit greenhouse gas emissions;
- Minimize waste and pollution; or
- Protect and restore ecosystems.

Green jobs can also include employment opportunities in:

- Environmental science centers;
- Museums and educational institutions;
- Waste management companies; and
- Information technology companies.

For more information, visit BioTalent Canada's [website](#).

## Managing Climate Change Risks: An Independent Audit

Last month, the Office of the Auditor General of British Columbia released a report, “Managing Climate Change Risks: An Independent Audit.” The report concludes that the B.C. government is not adequately managing the risks posed by climate change. The report identifies key areas where government needs to improve its response and offers 17 recommendations; 15 for adaptation and 2 for mitigation. The report and news release can be found [here](#).

## Federal Budget

Climate action highlights from the 2018 federal budget released on February 28 include:

- \$1.4 billion through the Low Carbon Economy Fund, to be invested in projects that will generate clean growth and reduce greenhouse gas emissions. Specifically for BC, \$162 million is allocated to support projects including reforestation, to absorb carbon from the atmosphere.
- \$2.8 billion to construct multi-purpose facilities to facilitate collaboration amongst scientists across government, including Climate Change Canada, to research among other things

This audit was part of a Canada-wide collaborative project on climate change carried out by provincial and federal auditors across the country. These audits looked at how provincial, federal and territorial governments are meeting commitments to reduce greenhouse gases and adapt to climate change. A summary of these audit reports will be released by the Canadian Commissioner for Environment and Sustainable Development in the spring of 2018.

climate change, ocean protection , and human health.

- \$40.6 million for efforts to monitor and respond to severe weather systems.
- \$69.5 million over 5 years to revitalize water stations, improve services for long-range water forecasts, test and implement new technologies and expand technical and engineering capacity .

Full details of the [2018 federal budget](#) are available on the Government of Canada website.

## Provincial Budget

On Tuesday, February 20, the Provincial government released its Budget and Fiscal Plan for the 2018/19—2020/21 period.

Starting April 1, BC’s carbon tax will increase by \$5 per tonne through 2021 when it will reach \$50 per tonne. Revenue from the carbon tax increases will fund:

- Carbon tax relief for low – and moderate-income British Columbians;
- A proposed clean growth incentive program to help large industrial emitters improve their competitiveness while reducing carbon pollution; and
- New green initiatives to be planned in consultation with the Climate Solutions and Clean Growth Advisory Council that will facilitate the pathway to BC’s climate targets.

The budget also includes:

- \$4 million over three years for the development of an energy roadmap for B.C.’s low carbon future; and
- \$308 million over three years to support essential building repairs and maintenance and energy performance upgrades for existing social housing units .

Full details of [Budget 2018](#) are available on the website.

## Case Study

### Belmont Secondary School: Big Savings through Recommissioning

Belmont Secondary School's \$50.8 million LEED Gold facility opened in September 2015, for School District 62. It is an inspiration to faculty and students, with specialized classrooms, a wellness centre and daycare, three gymnasiums and a neighbourhood learning centre on-site.

With controls and commissioning sign-off completed in the winter of 2015/16, the building appeared to be operating as intended, with most spaces achieving desired temperatures and minimal occupant complaints. However, a routine check uncovered several minor issues with the mechanical systems. The school district (SD62) opted to recommission the facility involving a detailed investigation and performance trending of mechanical systems, heat recovery and air handling systems to take full

advantage of the construction warranty period and minimize any additional costs to the district.

The operations team learned that seemingly small deficiencies in the school's automated system programming were triggering a cascade of interconnected mechanical systems to operate erratically. This was leading to surging, continuous operation of systems meant to run on an occupancy basis, and system oscillations and instabilities.

Through a detailed reassessment, the school district was able to optimize its control systems and lower its energy consumption by approximately 50 per cent, resulting in \$30,000 in cost savings.

To read more about this and other successful PSO climate action initiatives, please visit our [website](#).

## Building Climate Resilience at Island Health - Webinar

Climate change risks and hazards have the potential to impact sectors across the province, including health, during extreme events and during daily operations. In this [webinar recording](#), hear from Island Health about how they are tackling these risks through their climate change adaptation efforts. Their initiatives include the first ever Public Infrastructure Engineering Vulnerability Committee (PIEVC) assessment of a hospital in Canada for Nanaimo Regional General Hospital, a climate projection mapping project, a review of health sector specific adaptation tools, an extreme weather events impact surveys, and ongoing planning for the next stages of their adaptation work.

