In-Depth Introduction to CNG 2013
The webinar will begin shortly...

Audio: 1-877-353-9184 (Participant ID: 6564454#)
Hint: *6 Mute/Unmute Phone Line
Note: Please hold your questions / comments until the end
Email: climateactionsecretariat@gov.bc.ca
Questions & Feedback

Please send an e-mail to climateactionsecretariat@gov.bc.ca

OR

Use the Q & A LiveMeeting
Today’s webinar will cover

- Why Carbon Neutral Government?
- Carbon Neutral Government Review
- Program Improvements
- 2013 Timeline
- Methodology
- SMARTTool & Measurement
- Reporting
- Self Certification & Verification
- Pacific Carbon Trust & Offsets
- Capital Projects & Funding
- Resources & Information
- Summary
- Questions & Feedback
Carbon Neutral Government is about...

- Leadership
- Getting government’s house in order
- Achieving emissions reductions before offsetting
- Getting to net zero emissions
CNG Review

*Report*
Engaging the public transparently

*Measure*
What is measured is managed

*Offset*
By investing in Greenhouse Gas reduction projects we position BC as a leader in clean technology and support jobs across B.C.

*Plan*
Determining the best route for the most reductions

*Reduce*
Energy Use and GHG emissions will reduce over time

*Verification*
Credible, accountable and focused on continuous improvement

Email: ClimateActionSecretariat@gov.bc.ca
Roles & Responsibilities

- Climate Action Secretariat
- Carbon Measurement & Reporting
- Pacific Carbon Trust
- Public Sector Organizations
Previous Improvements

- Elimination of reporting costs
- Carbon Neutral Capital Program (CNCP) fund for school districts ($5 million/year)
- Carbon Offsets Advisory Panel
- SMARTTool landing page
2013 Reporting Year

- Streamlined reporting
- Improved reporting schedule
- Electronic Data Exchange Pilot
- PCT to dissolve as a Crown corporation and to join core government
- Review of CNCP to see if there are affordable options for similar programs in health and post-secondary
2013 Timeline

**March 31\textsuperscript{st}, 2014**
- Draft CNAR Due \textit{(signoff not required)}
- Parent Ministry Complete Draft CNAR Review \textit{(CAS to coordinate)}

**April 30\textsuperscript{th}, 2014**
- Final Data Uploaded to SMARTTool
- QA/QC Data Begins \textit{(completed by CAS & CMR)}

**May 15\textsuperscript{th}, 2014**
- QA/QC Data Completed
- Offset Invoice Generated \textit{(sent to PSO)}
- Self-Certification Checklist Due \textit{(signoff required)}

**May 30\textsuperscript{th}, 2014**
- Final CNAR Due \textit{(signoff required)}
- Final Offset Payment Due

**By June 30\textsuperscript{th}, 2014**
- Declare Carbon Neutrality

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ROUGH MEASURE of DATA COMPLETENESS IN SMARTTool
(2013 Emissions in SMARTTool today vs 2012 Emission)

<table>
<thead>
<tr>
<th>Category</th>
<th>Score</th>
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<tr>
<td>Ministries</td>
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<td>P-Secondary</td>
<td>15</td>
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<tr>
<td>Overall</td>
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### Outlook for 2013 vs 2012

- **Key Factors for 2013**
  - Buildings (Pie #1)
    - Natural Gas (Pie #2)
  - Heating Degree Days
    - North: -5% to -10%
    - Interior: +7% to +8%
    - L.M./V.Island: little change
    - BC WAvg: little change
  - Emission Factors
    - 41% to 50% BC Electricity

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**2012 Offset Reqs By Source**

- Buildings 87%
- Mobile 9%
- Paper 3%
- Travel 1%

**2012 Building Related Offset Reqs**

- Natural Gas 87%
- Electricity BC 8%
- Other 5%
Carbon Neutral Action Report

Public Sector Organizations > 600 tonnes

- Overview (Executive Summary)
- Survey Form Part 1 – Data (not included in public report)
- Survey Form Part 2 – Actions
- Emissions Source Report (generated by CAS)

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Carbon Neutral Action Report

Public Sector Organizations < 600 tonnes

- Small Emitters Form
- Emissions Source Report (generated by CAS)
• Requirement under the Carbon Neutral Government Regulation

• All organizations will self-certify that the 2013 data going into SMARTTool is accurate and complete using the Self-Certification Check-List by May 15th, 2014

• Each year, a representative sample of organizations will be selected for verification based on risk

• 2012 Verification Update

• Webinar (QA & QC – Stand up to the scrutiny of independent verification! - February 06, 2014)
Offset Portfolio 2013
Approximately 790,000 tonnes CO2e

- Forest sequestration
- Industrial forestry
- Agriculture
- Landfill gas
- Oil and gas
- Low carbon cement

Great Bear Initiative Project

TYPE: Improved Forest Management

LOCATION: Great Bear Rainforest

CO-BENEFITS:
FN conservation economy
Ecosystem protection

PROJECT START: 2009

Offset Portfolio 2013
Approximately 790,000 tonnes CO2e

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Transition

Climate Investment Branch: Our Team

- Suzanne Spence
- Mike D’Antoni
- Theresa Taaffe
- Jacob Stein

- Wind down of Pacific Carbon Trust operations
- Revised offset program – April 1, 2014
- Mandate & objectives

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Core Review PCT Announcement (November 2013)

• Potential to expand CNCP program to Health and Advanced Education ministries

• Decision to be announced in Budget 2014 on February 18, 2014

• Ministry capital staff have provided input into the design of the proposed new program
Other Potential Funding Options

- Examination of revolving fund model (i.e. Toronto Atmospheric Fund)

- Leveraging Partnerships with utilities (BC Hydro and FortisBC), possibly on-bill financing

- Reviewing best practices from other jurisdictions (i.e. Alberta’s School Act Capital Borrowing Regulation)
www.livesmartbccommunity.ca/pso
<table>
<thead>
<tr>
<th>Webinar</th>
<th>Date</th>
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<tr>
<td>Carbon Neutral Action Report – All you need to know!</td>
<td>January 30, 2014</td>
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<td>QA &amp; QC – Stand up to the scrutiny of independent verification!</td>
<td>February 06, 2014</td>
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<td>SMARTTool Review of Loading &amp; Processes</td>
<td>February 12, 2014</td>
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<tr>
<td>Summary CNG 2013 – Readiness Check &amp; Timelines</td>
<td>March 04, 2014</td>
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<td>Carbon Neutral Government 2013</td>
<td>June 30, 2014</td>
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**Success Stories**

**Annual Conference & Workshops**

Email: ClimateActionSecretariat@gov.bc.ca
• 2013 Timeline
• Measurement – Load early & often!
• Reporting
  ◦ Guidance Documents available soon on the LiveSmart Leaders Community
  ◦ Carbon Neutral Action Report Format
    • Survey Form > 600 tonnes
    • Small Emitters Form < 600 tonnes
• Offsetting
• Resources and Information
  ◦ Online Resources
  ◦ Upcoming Training & Webinars
  ◦ Workshops & Conference
• Funding Opportunities
Questions & Feedback

Please send an e-mail to climateactionsecretariat@gov.bc.ca

OR

Use the Q & A LiveMeeting
Thank you for joining us!