

2014 CARBON NEUTRAL ACTION REPORT – SMALL EMITTERS FORM

DUE: May 29, 2015

[This form is for the use of BC Public Sector Organizations that had GHG emissions of less than 600 tonnes CO₂e in the 2014 reporting year, which as a group, equals less than 1% of all PSO emissions]

Organization Name:

BC Innovation Council

Contact name:

Tarah Ferguson

GHG Emissions and Offsets for 2014 (TCO2E)	
GHG Emissions created in Calendar Year 2014 (from SMARTTool Homepage):	
Total Emissions 2	
Total Offsets 2 tonnes	
Adjustments to GHG Emissions Reported in Prior Years (from SMARTTool Homepage):	
Total Emissions 0	
Total Offsets 0 tonnes	
Total Emissions for Offset for the 2014 Reporting Year (from SMARTTool Homepage)	
Total Offsets 2	

To enable comparisons with all B.C. public sector organizations, please provide the following data for your organization:

1. How many Full Time Equivalent (FTE) employees do you have within your organization?
_17_____
2. Schools, Universities and Colleges only: Number of student FTEs as of Dec 31, 2014? _____
3. What is the total amount of floorspace in your organization (including occupied and unoccupied space)? Please report in square meters: __12,000_____

List the top three actions taken by your organization in 2014 to reduce GHG emissions and/or improve sustainability:

Action
<p>1. Foresight Accelerator:</p> <p>In 2014, The Foresight Cleantech Accelerator, became the fastest growing accelerator in the province. In 2014, they reported the following:</p> <p>27 Companies Active in the Program</p> <p>44 New Jobs Created</p> <p>\$1.7M New Company Revenue Generated</p> <p>\$2.5M New Private Investment Attracted</p> <p>\$2.2M Other New Investment</p> <p>Success Stories Include:</p> <p>\$2 million in Western Diversification Funding for Foresight was publicly announced</p> <p>Neurio a Foresight Cleantech Accelerator Centre alumni won first prize as Cleantech & Advanced Technology Pitch Stream Winner at the Canadian Financing Forum - February 19/20, 2015, Vancouver, BC.</p>
<p>2. Clean Tech Initiatives</p> <p>BCIC Sponsored the following events in 2014:</p> <p>FACTS (French Ameri-Can Climate Talks): Climate Change and Solutions from Innovations - November 12, 2014, Vancouver, BC.</p> <p>Building up to the United Nations Climate Change Conference to be hosted by France in December 2015 (COP 21-Paris Climate 2015), the Embassies of France in both Canada and the United States are organizing a series of events called "FACTS" for French Ameri-Can Climate Talks.</p> <p>Greater Vancouver Clean Technology Expo & Championship - January 28,</p>

2015, Vancouver, BC.

The first-ever Greater Vancouver Clean Technology Championship lets local companies demonstrate their technology to regional and international clean technology buyers and investors.

Vancouver Economic Forum Event 'The Evolution Of Cleantech; Brown To Green' - March 24, 2015, Vancouver BC. BCIC staff spoke on panel (Shirley Vickers).

Falling energy prices is great for Green Innovation: will collaborating to clean-up big industry be a booming opportunity? Already under pressure to clean up their act, cheap energy will lead to more production and free more dollars for innovation. Our panel will discuss the opportunities.

The BC Innovation Council became the British Columbia Associate Member of Canada's Oil Sands Innovation Alliance (COSIA).

COSIA is focused on accelerating the pace of improvement in environmental performance in Canada's oil sands through collaborative action and innovation. As the British Columbia Associate Member, the BC Innovation Council will work to engage British Columbia researchers and companies into the COSIA framework, to assist in capturing, developing and sharing the most innovative approaches and best thinking to improve environmental performance in tailings, water, land and greenhouse gases.

3. In 2014/15, 45/710 companies in our programs identified as clean tech.

In 2014, Axine Water Technologies listed on Global Cleantech 100 List - Axine has participated in the following BCIC or BCIC funded programs: entrepreneurship@UBC, BCIC-New Ventures Competition, BCIC Commercialization and Business Planning Workshop. Via the Global Cleantech 100 List, the world's most innovative and promising cleantech companies are selected by top cleantech corporations and investors worldwide.

Support in funding the following research projects:

NRAS

Dr. Jonson, UBC - Mitigation of greenhouse gas emissions and nutrient leaching losses in managed forest landscapes: Assessment of biochar in BC coastal forests

Dr. Kaminska, SFU - Multifunctional Active Composite Materials for Embedded Microsystems Devices

Dr. Bi, UBC - Development of steam exploded wood pellets for bio-ethanol production

Dr. Mavinic, UBC - A cost effective and ecologically friendly technology for nitrogen management at wastewater treatment plants

Dr. Nojeh, UBC - Carbon nanotube photo-electron source for industrial applications

Dr. Smith, UBC - Novel Catalysts for Low Temperature Methane Oxidation

Dr. Stoeber, UBC - Mobile Chemical Sensor Networks for Effluent Source Location

Dr. Z. Dong, UVIC - Development of Design Tools and Key Technology for Next Generation Commercial Hybrid Vehicles

LEEF

1 John Janmaat, UBC - Water Resources and Ecosystem Management

2 Phillip Evans, UBC - Advanced Forest Products Manufacturing

3 Kim Juniper, UVIC - Marine Ecosystems and Global Change

4 Deborah Henderson, KPU - Sustainable Horticulture

John Church, TRU - Cattle Industry Sustainability

Describe Plans your organization has for continuing to minimize your GHG emissions

BCIC will continue to promote, support and sponsor initiatives that help to increase sustainability awareness and reduce GHG emissions both internally and externally throughout our community.

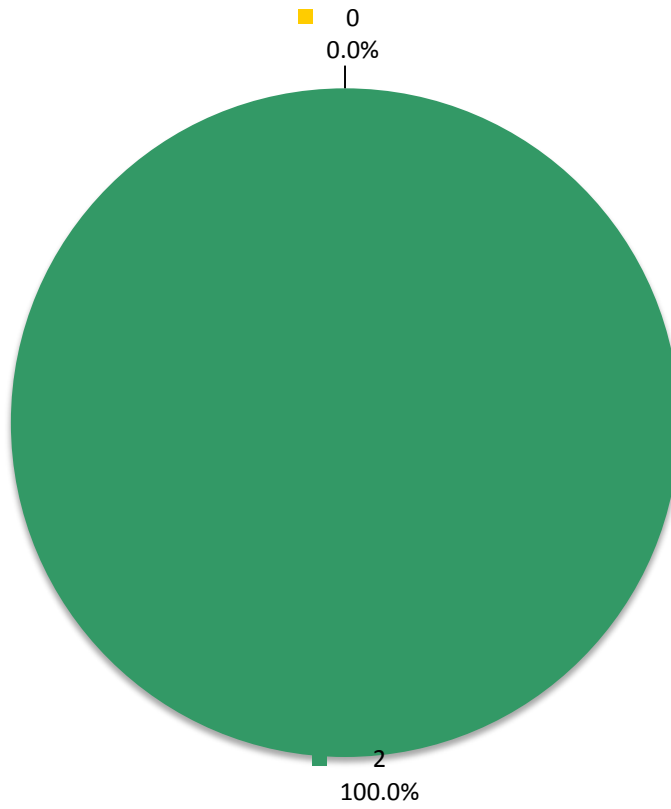
Executive Sign-off

Name: Talsh Ferguson Title: Operations Manager
(print)

Signature:  Date: JUNE 17, 2015

Please scan and email the completed form to climateactionsecretariat@gov.bc.ca or fax to 250-356-7286.

**BC Innovation Council
Greenhouse Gas Emissions by Source
for the 2014 Calendar Year (tCO₂e*)**



Total Emissions: 2

■ Stationary Fuel Combustion (Building Heating and Generators) and Electricity ■ Supplies (Paper)

Offsets Applied to Become Carbon Neutral in 2014 (Generated June 22, 2015 12:46 PM)

Total offsets required: **2**. Total offset investment: \$50. Emissions which do not require offsets: **0** **

*Tonnes of carbon dioxide equivalent (tCO₂e) is a standard unit of measure in which all types of greenhouse gases are expressed based on their global warming potential relative to carbon dioxide.

** Under the *Carbon Neutral Government Regulation of the Greenhouse Gas Reduction Targets Act*, all emissions from the sources listed above must be reported. As outlined in the regulation, some emissions do not require offsets.