

Carbon Neutral Kootenays
Local Governments And First Nations
Reducing Emissions

C N K carbon neutral kootenays
Local Governments and First Nations Reducing Emissions

Collaboration and Leadership
Reducing Corporate Green House Gas Emissions

2015 Regional District CEO / CAO Forum

The Path to Carbon Neutral: Measure - Act - Lead

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Community vs. "Corporate"

Community – residential, commercial, institutional

Local government corporate operations and infrastructure

- Energy/emissions measured through CEEI (Provincial initiative)
- Energy/emissions measured through SmartTool/ inventory
- Carbon Neutral Kootenays

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Common Commitment

BC's Climate Action Charter

"Signatory Local Governments agree to develop strategies and take actions to achieve the following goals:

- being carbon neutral in respect of their operations by 2012,*
- measuring and reporting on their community's GHG emissions profile; and*
- creating complete, compact, more energy efficient rural and urban communities..."*

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Collaborative Response

- RDCK, RDEK, RDKB and CBT**
 - 3 regional districts, 28 municipalities, 5 First Nations
- Assets**
 - 388 buildings
 - 995 vehicles
- Energy**
 - 20,000 t CO₂e
 - \$11 million spent on energy annually
- The first and only initiative of it's kind in BC**

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Project history and Stages

Year	Stage	Description
2009	MEASURE	Inventory and Education
2010	PLAN	Planning and Opportunity Identification
2011	ACT	Implementation – Policy and Joint Procurement
2012	LEAD	Local Reduction Project Development

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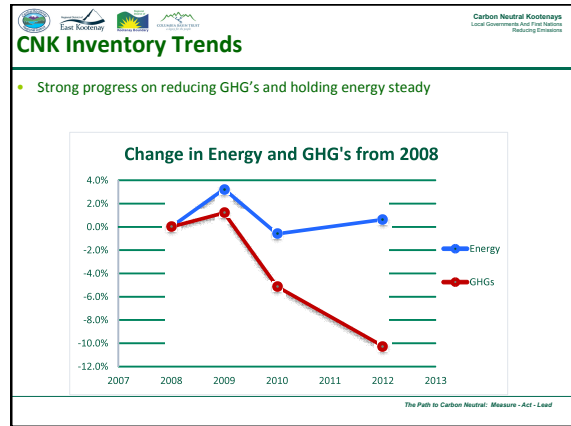
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Education, Inventories, Planning Documents

- Fuel Efficiency for Municipal Fleets
- Driver Behaviour & Efficient Vehicle Use
- Carbon Neutral ACTION Guide
- Corporate Emissions Reporting and Offers

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CNK Delivers	Green Policies	Training	Energy Inventory	Smart Tool	Webinars	Joint Implement	Action Plans	Jobs	CNK 2013 Ret.help	Local Offset	Carbon Fund
RDCA											
Nelson								5			
Castlegar											
Creston											
Kaslo											
Nakusp											
New Denver											
Salmo											
Silverton											
Slocan											
RDKB											
Fruitvale											
Grand Forks											
Greenwood											
Midway											
Munrose											
Roseland											
Trill											
Warfield								1			
RDCK											
Canal Flats											
Cranbrook											
Elkford											
Ferntie								1			
Invermer											
Kimberley											
Radium HS											
Sparwood											
Golden											
Revelstoke											
Valenour											



Carbon Funds

Totals in the Columbia Basin:

- \$423,887 in CARIP grants from 31 CNK local governments
- \$414,897 in 11 carbon funds (CARIP and/or \$25/tonne) plus Nelson with \$1.2 million

Opportunities for local reduction projects:

- Investment in home energy retrofits
- Investment in a regional/sub-regional approach to organics diversion
- Subsidy of fuel switching for homes (heating oil, propane)

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Post Carbon Neutral Kootenays

CNK Local governments will **dedicate staff capacity** to:

- Report annually on CARIP/CN
- Implement building energy audit recommendations
- Calculate impacts from local reduction projects (energy diets, organics, ...)
- Identify and implement other local reduction projects

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Post Carbon Neutral Kootenays

Legacy

- CNK materials and resources provided to Regional Districts and municipalities.
- Deeper relationship between the three RDs and with CBT.

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CNK Appreciation

Thank you for an excellent meeting. I find it rare to be at a meeting that has so much **substance**. While **educating us** on all the elements ... we actually had **clear actions** from the meeting. In a nut shell, I've been to a lot of meetings that fall so short of accomplishing those two goals, let alone both at the same time in less than 8 hours. Good job, I enjoyed the process a lot."
-Joseph Hughes, Nakusp Councillor

"the first time that it has been **explained in a simple way**" ... "been waiting for an explanation from the province."
Scott Sommerville, CAO Salmo

"I'm unable to express my **appreciation for all this work** being done on our behalf. I very much look forward to the planning sessions."
David W. Love, Manager, Strategic Initiatives, Town of Golden

"The CNK Team has been **incredible to work with!** Small municipalities such as ours have **benefitted tremendously** from the availability of the team's expertise and we have been able to achieve far better results thanks to their guidance. The development of the CNK Action Plan and policy templates were particularly valuable recent elements in the program. Well done CNK - it's been a great project so far, please keep up the good work!"
Catherine Allaway, Deputy Administrator, Village of New Denver

"A **BIG thank you** for all your help and support over the past several years!!"
Susan King, Financial Analyst, City of Cranbrook

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CNK Recognition



- 2011 **Climate and Energy Action Award** (left) Honourable Mention – PSO Collaboration
- 2010 *Municipal World* article
- 2009 Union of BC Municipalities (UBCM) prize for **Leadership & Innovation**




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CNK Value As Seen by Regional District Staff

“It enabled **shared learning** about carbon neutrality to lead into **shared actions** aimed at energy conservation and GHG reductions; in turn this has resulted in **shared benefits** across the region whether it be **tax savings** for residents or more sustainable communities.”

“...the project helped the regional district and its member municipalities to **initiate monitoring** of greenhouse gas emissions within their corporate activities while developing **appropriate emissions reduction plans** to become carbon neutral.”

“...**collaboration** is a cornerstone of the project, whereby our participation also demonstrates **leadership, responsibility and innovation** in meeting carbon neutral targets.”

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