



**Project: Corporate Energy and Emissions Plan (CEEP)**

**Client:** Regional District of Bulkley Nechako

**Key Deliverable(s):** RDBN CEEP with action evaluation tool and an indicators, monitoring and reporting system

**Timeline:** November 2010 – September 2011

**Centre Role:** The Centre worked with Regional District staff to identify opportunities for energy and emissions reductions, establish a strategy for implementing these actions and providing offsets to become carbon neutral.

**Project Details:**

The CEEP considered opportunities for the RDBN to reduce corporate GHG energy and emissions in the following key areas:

1. Improving energy efficiency;
2. Developing low-impact and renewable energy sources; and
3. Finding cleaner fuel alternatives that support flexibility and future energy resilience.

To do this, the Centre examined RDBN’s operations in a number of areas, including:

1. Facilities, including the heating and powering of buildings;
2. Infrastructure, by natural gas, electricity, and other sources;
3. Fleet (driving staff vehicles using gasoline, propane and diesel); and
4. Solid Waste, where these are local government responsibilities.

Working with staff, criteria were established to evaluate actions identified by staff suggestions and best practices to determine packages of priority measures required to achieve energy and emissions reduction targets for three scenarios: “The Basics;” “Best Practices;” and “Leadership.”

Finally, current best practices for offsetting were reviewed and recommendations were made appropriate for the RDBN’s context. Analysis demonstrated that the proposed energy and emission reductions, besides addressing Climate Action Charter

Regional District of Bulkley Nechako Evaluation of Group Actions - Best Practices Step One: The Basics				Evaluation Criteria										
Department	Number	Action Reference	Action	Emissions Reductions Potential	Energy Reduction Potential	Initial Cost	Operating Costs	Savings	Staff Requirement	Risk	Flexibility	Organizational Capacity	Health Impact	Customer Service Impact
Environmental Services (5000)	E1	VS	Establish a procedure for the full life cycle analysis of various vehicle options at the time of purchase.	●	●	●	●	●	●	●	●	●	●	●
	E2	BP	Conduct driver awareness and training program for fuel efficiency and monitor fuel efficiency for each vehicle.	●	●	●	●	●	●	●	●	●	●	●
	E3	VS	Evaluate compactor technology at transfer stations to achieve greater densities and less hauling requirements to east and west area landfill.	●	●	●	●	●	●	●	●	●	●	●

commitments and demonstrating community leadership, would save the RDBN hundreds of thousands of dollars over the next ten years, which could be invested in capital projects.

**Reference:**

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