

2013 Carbon Offset Project Portfolio

As public sector organizations, you are an integral part of a world-leading system that is helping drive action on climate change province-wide and creating job opportunities in local communities. Environmental responsibility and economic growth can, and do, coexist in B.C.

For the 2013 calendar year, 677,884 tonnes of offsets were retired on behalf of B.C.'s 131 provincial public sector organizations, a reduction equivalent to the annual emissions from 132,919 passenger vehicles.

Portfolio Summary

Project	Validator	Verifier	Sector	Project Type*	Project Tonnes
Biomass Fuel Switch (Interfor)	KPMG	Conestoga-Rovers & Associates	Forestry	FS	16,417
Boiler Upgrades to Increase Thermal Efficiency (Canfor Pulp RB #1)	Ernst & Young	KPMG	Forestry	FS	50,014
Bus Fuel Switch Project (BC Transit/Translink)	KPMG	First Environment	Transportation	FS	60
Clean Tech Biomass Gasification (Kruger Products)	Ernst & Young	Ruby Canyon Engineering	Forestry	FS	16,441
Electrification of Gas Processing Plant (CNRL)	Stantec	Ruby Canyon Engineering	Oil and Gas	FS	74,283
Engine Fuel Gas Management Program of Activities (Blue Source)	Stantec	Ruby Canyon Engineering	Oil and Gas	EE	6,524

Greenhouse Fuel Switch (Sun Select Farms)	Stantec	Ruby Canyon Engineering	Agricultural	FS	13,463
Improved Forest Management (Great Bear Initiative)	Stantec	KPMG	Forestry	Sq	80,000
Improved Forest Management (Nanwakolas)	Stantec	KPMG	Forestry	Sq	150,471
Improved Forest Management (TimberWest)	KPMG	SCS Global Services	Forestry	Sq	38,715
Landfill Methane Conversion (Salmon Arm Regional Landfill)	KPMG	Ruby Canyon Engineering	Waste	EE	7,477
Low Emissions Facility (ARC Resources)	Ruby Canyon Engineering	KPMG	Oil and Gas	FS	78,380
Low-Carbon Cement Production (Lafarge)	Conestoga-Rovers & Associates	PwC	Industrial	EE	12,157
Methane Capture (Foothills Boulevard Regional Landfill)	Ruby Canyon Engineering	NSF International Strategic Registrations	Waste	EE	22,107
Renewable Power Installation (Blue Source)	Stantec	Ruby Canyon Engineering	Oil and Gas	FS	45,352
Side Stream Scrubber + Hog System Upgrade (Canfor Pulp PB #4)	Ernst & Young	KPMG	Forestry	FS	6,929
Wood Residuals Fuel Switch (Canfor, Chetwynd)	KPMG	Ruby Canyon Engineering	Forestry	FS	14,788

Wood Residuals Fuel Switch (Canfor, Fort St. John)	KPMG	Ruby Canyon Engineering	Forestry	FS	16,348
Wood Residuals Fuel Switch (Canfor, Mackenzie)	KPMG	Ruby Canyon Engineering	Forestry	FS	15,373
Wood Residuals Fuel Switch (Canfor, Prince George)	KPMG	Ruby Canyon Engineering	Forestry	FS	12,585
Total offsets:	677,884**				

*Note for project types: EE = Energy efficiency; FS = Fuel switching; Sq = Sequestration

**In 2013, B.C.'s public sector emitted 796,080 tonnes of CO₂e, 692,599 of which required the purchase of offsets. The final step to become carbon neutral is the retirement of an equivalent quantity of offsets. As a result of adjustments to 2010 – 2012 public sector emissions and payments, 14,715 tonnes less than the total offsettable emissions for the year were retired.