Carbon Neutral Action Report					
School District 70 (Alberni)					
	SD 70 continues to embrace energy conservation measures and is dedicated to reducing carbon emissions. We constantly maintain environmental consciousness as buildings are renovated and retrofitted. We continue to complete many upgrades to lighting, mechanical and control systems. We are actively planning for the replacement of the largest most inefficient school in the District with a smaller LEEDS Gold certified high school. Students and staff have taken many initiatives: reducing waste output actively recycling, composting, purchasing green products, undertaking energy challenges, turning off & unplugging unneeded equipment & lights. We continue to upgrade our school bus fleet replacing 2 15 year old buses. The environmental effects & benefits of decisions and practises are being considered more & more often.				
	conservation and		e as well and ensure future generations will continue to embrace ns. The reduction of energy use and greenhouse emissions will large & small projects and purchases.		
Part 1: Actions Taken to Reduce Greenl	nouse Gas Em	nissions in 2008			
	Replacing old hot water boilers with 2 smaller high efficiency condensing boilers/facility, upgrading all DDC systems for the HVAC units, replacing metal hilide fixtures in gymnasiums and shop areas with high output t5 fluorescent fixtures, installing occupancy sensors in gymnasiums and classrooms				
1.1 Mobile Fuel Combustion					
	Instituted the "no-idling" protocol for all transportation department school buses				
Action	Action Taken	Outcome/Performance Measure	Notes Clarifying Action Taken		
Provided driver training to reduce fuel use	In Progress	Drivers more aware of the importance of driving defensively and not exceeding the speed limit. A savings in diesel fuel is a direct benefit.	Initiated Phase I of the "Thinking Driver" Training Program for the Transportation Dept.		
Initiated new fleet maintenance program (could include – changing filters, checking tire pressure, regular check-ups)	Complete	All Transportation Dept. school buses serviced monthly	Initiated a new "Post Trip" & "Pre-Trip" Protocol for the Transportation Bus Fleet		
Established anti-idling behaviour change program (e.g. signs, stickers, messages)	Complete	Should realize a saving in diesel fuel of 3% to 5%/ annum	Established anti-idling program for Transportation Bus Fleet		

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1.2 Stationary fuel combustion and elec	Action Taken	Outcome/Performance Measure	Notes Clarifying Action Taken
Replaced # computers with EnergyStar models	In Progress	Reduced electrical consumption	As part of computer renewal
Turned off lights in unused rooms	In Progress	Reduced electrical consumption	As part of computer renewal
Installed multi-function devices (and removed stand-	In progress	Reduced electrical consumption	Done when equipment replaced
alone printers/faxes)	iii progress	Reduced electrical consumption	Done when equipment replaced
Replaced standard bulbs with CFLs	In Progress	Realized a significant hydro cost saving/month	Replaced 90% of incandescent bulbs
Undertaken lighting retrofit	In Progress	Realized a significant hydro cost saving/month	All t12 fluorescent tubes replaced with t8 tubes
Undertaken building energy audit at LOCATION(s)	In Progress	Comprehensive energy savings	As part of BC Hydro Power Smart program
Upgraded DCC Controls	In Progress	Reduced energy usage	Ongoing as resources permit
.3 Supplies			
Action	Action Taken	Outcome/Performance Measure	Notes Clarifying Action Taken
Committed to hold paperless meetings	In progress	Reduced paper consumption	Board Meeting attachments accessed electronically
Used collaborative software to edit on-line	In progress	Reduced paper consumption	
ctions on non-paper related supplies:			
Chose "Green" items from Distribution Centre	In progress	Especially cleaning products	In all custodial operations
Encouraged re-use of furniture and equipment	In progress	Very little or no replacement	throughout all district operations
I.4 Employee Engagement			
Action	Action Taken	Outcome/Performance Measure	Notes Clarifying Action Taken
Provided climate change education	In progress	Not measureable	Numerous initiatives at every school
Held contests to change behaviour/make pledges	In progress	Reduced energy consumption	Reduced month to month electrical & natural
			gas consumption
Developed Green Teams	In progress	Improved staff & student education	Numerous initiatives at every school - recycling
			composting, energy reductions & awareness
District wide recycling	Complete	reduced paper in landfill	Coordinated at district level
.5 Sustainability Actions (others)			
Action	Action Taken	Outcome/Performance Measure	Notes Clarifying Action Taken
Took water conservation measures – low flow showers	3	•	Done as part of washroom renovations
or toilets, fix leaks	In progress		•
Ran dishwasher only when full	Complete		
Reduced/replaced bottled water with filtered or refrigerated water	In progress		Using municipal water rather than bottled
Improved recycling measures	In progress		Monitor recycling contractor
Supported composting	In progress		Being done at some schools
Used re-usable dishes	In progress		
Purchased green cleaning products	In progress		Currently purchase green cleaning products
Purchased green cleaning products	iii progress		
Purchased green cleaning products	iii progress		where practicable
Purchased green cleaning products  Used green (low-e paints)	In progress		where practicable Purchased low-e paints for all exterior and

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Part 2: Plans to Continue Reducing Gre	enhouse Gas	Emissions 2009 2011		
.1 Mobile Fuel Combustion				
ction	Action Planned	Outcome/Performance Measure	Notes Clarifying Action Taken	Timeframe
Provide driver training to reduce fuel use		Outcome/Performance Measure		rimeirame
Trovide driver training to reduce ruer use	in progress		Phase II of the "Thinking Driver" training program for the Transportation Dept.	
Initiate new fleet maintenance program (could include	planned		Will be installing the "Zonar Electronic"	
- changing filters, checking tire pressure, regular	piailileu		monitoring system on Transportation School Bus	
check-ups)			fleet	)
Establish anti-idling behaviour change program (e.g.	in progress		neet	
signs, stickers, messages)	iii progress			
Replace 2 aged 1994 84 passenger buses with	planned			
500,000 km with 2009 buses				
.2 Stationary Fuel Combustion (includi	ng electricity)			
ction	Action Planned	Outcome/Performance Measure	Notes Clarifying Action Taken	Timeframe
Undertake workstation tune-ups to help staff	Planned			
understand what they can do to reduce personal				
energy use Supply power bars – to turn off power to non-essential	Planned			
items when not in use (e.g. phone chargers)	riailileu			
Undertaken Monitor turn-off challenge	Planned			
Replace # computers with EnergyStar models	Planned			
Replace Refrigerators (EnergyStar rated appliance)	Planned			
Install multi-function devices (and remove stand-alone	Planned			
printers/faxes) Install motion activated lights	Diaman			
<del>-</del>	Planned			
Utilize desk-top power management settings on computer	Planned			
	planned		Will be initiating a BC Hydro Energy Audit in	
			2009	
	Planned		Will be replacing old hot water boilers with 94%	
			high efficiency boilers in two facilities in 2009	
			and in two more facilities in 2010.	
	In Progress	Replacement of a 60 year old 15,000 sq m	Have upgraded the DDC system in 3 schools in	
		building with a new 10,500 sq m Leeds Gold	2009 and will be upgrading the DDC system in	
		certified building in 2011	two more schools in 2010	
2.3 Supplies				
Action	Action Planned	Outcome/Performance Measure	Notes Clarifying Action Taken	Timeframe
Change document template margins	Planned	-		
Develop document library (online and one printed	Planned			
copy) for large documents				
Re-use non-confidential scrap paper	Planned			
2.4 Sustainability Actions (others)				
Action	Action Planned	Outcome/Performance Measure	Notes Clarifying Action Taken	Timeframe
	In Progress		Purchase low-e paints for all interior and	
	-		exterior painting projects	

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