



2009 Carbon Neutral Action Report

Forestry Innovation Investment Ltd. (FIIL) has undertaken a number of initiatives in alignment with Climate Action towards carbon neutrality. One of the biggest facilitators of change implementation is drawing buy-in from employees. FIIL has included employees in the process through communication of what is included in the reporting, where we have been, and where we are going. This entailed discussions and presentations at both the executive and administration levels centering on engagement of staff in the change process, what we as an organization can do, and providing high level recommendations for change. As an organization we looked at areas where we could reduce our footprint such as recycling, energy use and consumption, and behavioural change management.

Given that FIIL leases its space, any initiatives we undertake to reduce electricity consumption could be offset by increases by other tenants, so we facilitated and engaged in the development of “*Green Tenant Teams*” in association with Bentall Management and BC Hydro’s power smart program to encourage more environmentally responsible behaviour changes amongst our colleagues within their respective organizations, find opportunities to communicate with the tenant population to educate them about environmental responsibility and electricity conservation, and undertake several initiatives over the course of the year targeting specific behaviours – like turning off computer monitors, removing space heaters, etc.

FIIL has also undertaken a number of initiatives internally such as replacing existing laptops, computers, and other hardware components through attrition with EnergyStar rated equipment, moved to using paper with a 30% recycled content in our Vancouver office, set printer defaults to printer double sided to reduce waste, and continue to track air travel as a benchmark for future comparative analysis and establishing travel reduction goals/revisions to travel policy. FIIL also began to convert and provide media material electronically through our website and on USB sticks rather than printed material.

Going forward FIIL will continue its contribution towards reducing greenhouse gas emissions through further initiatives undertaken and implementation of further reduction strategies. For example in early 2010, FIIL continued to address reductions in energy consumption through for example, the installation of power smart approved timed power bars in all work stations in its Vancouver office along with sensor lighting in all low use areas of our office. Other initiatives underway include continued involvement in the Tenant Green Team program and the development of a green source supply procurement policy. Lastly, FIIL also



Forestry Innovation Investment

Suite 1200, 1130 West Pender Street

Vancouver, British Columbia

V6E 4A4, Canada

began to purchase offsets from the Pacific Carbon Trust in early 2010 based on the estimated emissions for our organization.

All of the initiatives undertaken, although, may not be viewed as significant in their immediate impact on reducing GHG emissions, they do offer significant benefits both environmentally and socially. Through our awareness initiatives we are able to get the messaging out and educate staff and colleagues on environmental responsibility and how small behavioural changes can have a dramatic impact on the environment as a whole. In involving employees in the change we are able to communicate and share ideas for continuous improvement and take ownership for change affecting the very social fabric in which we live and creating a positive “*do our part*” environment in the organization and out to our communities as a whole.

Gerry P. Smith, BA, AAT, MBA

Controller, Corporate Finance

Doug Greig, CMA

VP Finance and Administration

Forestry Innovation Investment Ltd. - 2009 Carbon Neutral Action Report

Actions Towards Carbon Neutrality

The actions listed below contribute to a reduction in greenhouse gas emissions from sources for which public sector organizations are responsible under the carbon neutral government regulation of the *Greenhouse Gas Reduction Targets Act*.

Action	Status (as of 12/31/09)	Performance to Date (as of 12/31/09)	Steps Taken in 2009	Steps Planned for 2010 -2012	Start Year	End Year
Mobile Fuel Combustion (Fleet and other mobile equipment)						
Vehicle fuel efficiency						
Perform regular fleet maintenance to improve fuel-efficiency	Ongoing/In Progress	100 % of vehicles are subject to regular maintenance for fuel efficiency	Regular maintenance on our 1 fleet vehicle	continue with established maintenance schedule through 2010-2012	2009	No End Date (Continuous)
Stationary Fuel Combustion, Electricity and Fugitive Emissions (Buildings)						
IT power management						
Install power management software which shuts down computers outside of regular business hours	Ongoing/In Progress	0 % of computers shut down automatically outside of regular business hours	sourced E-Star rated timed power bars to be installed all workstations	To install timed power bars in all workstations and look to address china operations at a later date	2009	No End Date (Continuous)
Implement server virtualization	Complete	100 % of servers have been virtualized since start year indicated	Videoconferencing equipment installed in 2007		2006	2009
Apply auto-sleep settings on computer monitors and CPUs	Ongoing/In Progress	64 % of computers have auto-sleep settings applied	All monitors and CPUs are set for sleep mode when not in use.	All new computer/laptop purchases will have auto sleep settings applied	2009	No End Date (Continuous)
Apply auto-sleep settings on printers, copiers, fax machines, and/or multi-function devices	Ongoing/In Progress	80 % of devices have auto-sleep settings applied	created awareness among staff and IT with power bar timers currently being installed	adopt a similar strategy in our China offices.	2009	No End Date (Continuous)
Replace computers with ENERGY STAR models during regular computer upgrades	Ongoing/In Progress	31 % of computers are ENERGY STAR rated	replaced 4 laptops with Energy star rated laptops through attrition	replaced 3 more laptops with E star rated and continue to replace through attrition	2009	No End Date (Continuous)
Appliances and electronic devices						
Replace refrigerators with ENERGY STAR models or source ENERGY STAR models for future purchases	Ongoing/In Progress	0 % of fridges are ENERGY STAR rated	awareness amongst staff/ purchasing	Green source supply procurement policy development	2009	No End Date (Continuous)
Replace other appliances or electronic devices with ENERGY STAR models or source ENERGY STAR models for future purchases	Ongoing/In Progress	0 % of appliances that are energy star rated	awareness amongst staff/ purchasing	Green source supply procurement policy development	2009	No End Date (Continuous)
Replace desk lamp incandescent bulbs with compact fluorescent (CFL) bulbs or source more efficient desk lamps for future purchases	Ongoing/In Progress	0 % of desk lamps that are energy efficient compact fluorescents (CFL) bulbs.	only 2 desk lamps in use as shift to more efficient overhead lighting.	More efficient overhead lighting	2009	2010
Behaviour change program						
Help staff reduce personal energy use through "workstation tune-ups"	Ongoing/In Progress	64 % of current staff have completed a workstation tune-up	Completed workstation tune-up with all Vancouver staff	Address this with staff in China	2009	2012

Forestry Innovation Investment Ltd. - 2009 Carbon Neutral Action Report

Action	Status (as of 12/31/09)	Performance to Date (as of 12/31/09)		Steps Taken in 2009	Steps Planned for 2010 -2012	Start Year	End Year
Ask staff to unplug electrical equipment or switch off power bars when not in use	Ongoing/In Progress	12	% of current staff completely shut down equipment and power bars.	sourced E-Star rated timed power bars to be installed all workstations	complete E-Star timed power bar replacement in all workstations in the Vancouver office and multi use office equipment. Also looking to address this change in our China offices through research on similar efficient products in that market and increased awareness amongst our staff there.	2009	2012
Provide tips to staff on saving energy in the office while working outside of regular business hours	Ongoing/In Progress			increased awareness amongst staff	continue involvement in the Bentall Green Team	2009	No End Date (Continuous)
Provide reminders for turning off lights (e.g., signs, stickers, messages)	Ongoing/In Progress			awareness through workstation tune-up, Bentall Green Team involvement	Various activities planned through The Green Team in association with BC Hydro	2009	No End Date (Continuous)
Other Stationary Fuel Combustion and Electricity Actions							
Installed sensor lighting	Ongoing/In Progress	50	% of completion from sourcing to install	Research on installing sensor lighting in low use areas such as coffee room and storage/server/photocopy rooms.. This proposal was approved by the executive and will be done in early 2010.	completed install of sensor lighting in low use areas	2009	2010
Supplies (Paper)							
Paper Type							
Purchase 30% post-consumer recycled paper	Ongoing/In Progress	35	% of total paper purchased contains 30% recycled content	began to use 30% recycled paper in the BC offices and 10% in China offices	Increase recycle content in our China offices to 30% where available	2009	No End Date (Continuous)
Printer/document settings							
Switch networked printers and photocopiers to automatic double-sided	Ongoing/In Progress	61	% of network printers or photocopiers are set to automatic double-sided	adopted default set-up for double sided on all printers capable of printing double sided.	replace existing printers through attrition with printers that have double sided capability. China printers to be assessed.	2009	No End Date (Continuous)
Electronic media in place of paper							
Post materials online that were previously printed	Ongoing/In Progress			provide media material electronically on USB sticks and disc instead of printed material	continuous management of this	2009	No End Date (Continuous)
Behaviour change program							
Train staff to use collaborative software for electronic editing (e.g. SharePoint, Groove, etc.)	In Development			awareness of the use of Microsoft word's track changes feature	continuous management of this	2009	No End Date (Continuous)
Encourage staff to hold paperless meetings or presentations (i.e., no handouts)	Ongoing/In Progress			make more use of teleconferencing, overhead slides, and net meeting applications	continuous management of this	2009	No End Date (Continuous)

Forestry Innovation Investment Ltd. - 2009 Carbon Neutral Action Report

Actions to Reduce Provincial Emissions and Improve Sustainability

The actions listed below contribute to a reduction in greenhouse gas emissions from sources that fall outside of the reporting requirements defined in the carbon neutral government regulation of the *Greenhouse Gas Reduction Targets Act*. Public sector organizations can optionally use this section to report on actions that will help British Columbia meet its provincial greenhouse gas reduction targets, engage the public, and improve environmental sustainability across all aspects of their organization.

Action	Status (as of 12/31/09)	Performance to Date (as of 12/31/09)		Steps Taken in 2009	Steps Planned for 2010 -2012	Start Year	End Year
Business Travel							
Policy and budgeting							
Create a low-carbon travel policy or travel reduction goal	In Development			benchmarked travel usage against consumption for future reductions	reduction in travel where applicable and consumption awareness when booking legs	2009	No End Date (Continuous)
Virtual meeting technology							
Install web-conferencing software (e.g., Live Meeting, Elluminate, etc.)	Ongoing/In Progress	50	% of computers have web-conferencing software installed	increased use of web conferencing	increased awareness and use where applicable	2009	No End Date (Continuous)
Install video-conferencing units in meeting rooms or provide mobile video-conferencing units	Complete	100	% of meeting rooms have access to video-conferencing equipment	video conferencing equipment installed in 2007		2007	2009
Behaviour change program							
Train staff in web-conferencing	Ongoing/In Progress	20		Some staff use and some don't, created awareness of net meeting; webx; skype	continuous awareness and support for various media communication software	2009	No End Date (Continuous)
Train staff in video-conferencing or provide technical support for video-conferencing set-up	Ongoing/In Progress	20	% of staff are trained in video-conferencing or have access to technical support	videoconferencing equipment installed in 2007 although some staff use it and other don't	evaluation of all conferencing currently in use and increase awareness amongst staff as to what is available and how best to use existing and emerging technology	2009	No End Date (Continuous)
Encourage carpooling to meetings	Ongoing/In Progress			where possible staff will carpool to meetings	continue to carpool to meetings where possible	2009	No End Date (Continuous)
Education, Awareness, and Engagement							
Team-building							
Create Green, Sustainability, Energy Conservation, or Climate Action Teams with executive endorsement	Ongoing/In Progress			Created Green Team to address consumption and awareness for the building envelope as a whole.	continuous awareness programs etc.	2009	No End Date (Continuous)
Provide resources and/or dedicated staff to support teams	Ongoing/In Progress			two employees involved with the Green Team from our organization	action plans for our upcoming toolkit delivery and monitor shutdown challenge, tenant to tenant toolkit delivery.	2009	No End Date (Continuous)
Staff awareness/education							
Provide education to staff about the science of climate change	Ongoing/In Progress			Information sharing of climate action initiatives underway and the impact both from individual and corporate (i.e. our Market Outreach Program).	Awareness and information sharing	2009	No End Date (Continuous)
Provide green tips on staff website or in newsletters	Ongoing/In Progress			formation of Green Team and letter to all Tenants	various engagement activities and events communicated through Green Team news letters to all tenants	2009	No End Date (Continuous)
Other Sustainability Actions							
Procurement (non-paper supplies)							

Forestry Innovation Investment Ltd. - 2009 Carbon Neutral Action Report

Action	Status (as of 12/31/09)	Performance to Date (as of 12/31/09)	Steps Taken in 2009	Steps Planned for 2010 -2012	Start Year	End Year
Implement sustainable purchasing program for cleaning products, disposable paper products and trash bags	In Development		Awareness among staff of the various Green cleaning products available	implement use of Green cleaners into our purchasing	2009	No End Date (Continuous)