

# Doing Our Part Together: LDB Actions for a Greener World



# LDB GREEN PLAN



# Vision Statement

Thinking green is not a new idea at the LDB. With a long term commitment to the environment, the LDB has been the leader in sustainable retailing in BC for more than 35 years

In support of the BC Governments Green House Gas initiative, the LDB is building on its foundation of implementing leading edge sustainable programs

Everyone, including customers, employees and business partners of the LDB have an important role to play in creating a healthy and sustainable environment.

Doing our Part Together

# Objectives

- To support the B.C. Government's commitment to greenhouse gas (GHG) reduction and reporting, specifically the governments goal of carbon neutrality by 2010 and 33% reduction by 2020
- To reduce the LDB's overall environmental footprint.
- To increase awareness and understanding of GHG issues among the LDB's 3,500 full and part-time employees, our customers and business partners.
- To encourage change, behaviour and practices of industry, employees and consumers in support of the LDB's sustainable goals.

# LDB Sustainable Initiatives By Department



# BCLDB Sustainable Initiatives Detailed By Department

## RETAIL

- 🔄 **Return to retail** – BCLDB continues to take full life cycle responsibility for all the products they sell and use. The result is millions of containers being diverted from landfill and recycled on a yearly basis
- 🔄 **Products (Organic)** – BCLDB offers a full and growing line of Organic Products. To date the BCLDB lists 70 different lines of Organic Wines, Beer and Spirits
- 🔄 **Reducing single use bags** – Since 2008 BCLDB has actively encouraged the reduction of single use bags in their stores. Through consumer awareness programs and free cloth bag giveaways the BCLDB and its customers have achieved a 23% reduction in single bag use. The BCLDB supports the Retail council of Canada's stated goal of 50% reduction by 2015

## RETAIL Cont.

- 🔄 **In store recycling** – the BCLDB recovers and recycles packaging materials utilized in the shipping and display of their products. The recent addition of new baler technology, a first in British Columbia, allows newly equipped stores to bale all of their recyclables before shipping, therefore reducing transportation and Green House Gas emissions
- 🔄 **Power Smart** – the BCLDB is currently conducting a review of all 197 retail stores to ensure energy savings are maximized. All new stores and renovations are equipped with the latest in Power Smart equipment and lighting
- 🔄 **Waste management costs** – The BCLDB is undergoing a full review of all its retail waste management practices as to audit of waste, consistency in cost and efficiencies in recovery

## RETAIL Cont.

- 🔄 **Awareness training (staff)** – Through internal communication vehicles, retail staff receive regular updates regarding LDB sustainable programs. Awareness programs were updated and expanded in October 2010
- 🔄 **Consumer awareness** – Through marketing programs like “Think Green Shop Smart” and “Doing our Part Together” consumers are made aware of LDB sustainable initiatives. In May of 2010 the BC Liquor store website was updated to help increase consumer awareness.
- 🔄 **Green Roof / Living Walls** – In the Spring of 2010, the LDB opened its first store located in a Gold LEEDS building. The store located at Alberni and Bute has a green roof and a living wall as part of the design

# RETAIL – Green Roof Installation



# RETAIL –Baler Application



# RETAIL – Marketing Programs



For the safety of customers and staff, we ask that you bring back **clean** bottles and cans.

BRING 'EM BACK  
**CLEAN**



- 1 PLEASE EMPTY AND RINSE
- 2 LEAVE LABELS ON
- 3 TAKE CAPS OFF

THINK  
**GREEN**  
SHOP  
SMART

# BCLDB Sustainable Initiatives Detailed By Department

## WHOLESALE

- 🔄 **Web based ordering** – with the implementation of Web based ordering for wholesale customers, the LDB is moving towards a fully electronic ordering program that will ultimately result in substantial paper and Green House Gas reduction.
- 🔄 **Logistical planning** – with the focus on providing wholesale customers with direct delivery service, the LDB is able to eliminate hundreds of additional trips made weekly by wholesale customers to retail stores, maximize load capacity and eliminate additional handling of product, all of these resulting in a reduction of Green House Gas emissions

# BCLDB Sustainable Initiatives Detailed By Department

## DISTRIBUTION

- 🔄 **Logistical planning** – LDB distribution management team are constantly reviewing logistical procedures to increase efficiency of loading and transportation thereby reducing the impact on the environment. One such program implemented, will reduce the amount of pallets needed to ship products to retail stores
- 🔄 **Power Smart** – Both LDB Distribution Centres (DC) located in Vancouver and Kamloops received a full lighting refit resulting in a reduction of lighting power consumption by 20% yearly.
- 🔄 **Recycling** – Both DCs act as the central return centre for recyclables used in shipping and display of retail products. Utilizing existing infrastructure ensures all recyclable materials are properly collected, audited and shipped to processors for recycling.

## DISTRIBUTION Cont.

- ❶ **Research of sustainable alternatives for transportation vehicles** – LDB Distribution management have tested hybrid trucks and will look to replace existing fleet vehicles with alternate, dependent upon need and budget requirements.
- ❷ **Research of sustainable alternatives for transportation fuels** –LDB Distribution management has researched both Hydrogen and Bio Diesel fuels and is currently assessing their potential as viable replacements to traditional fossil fuels.
- ❸ **Equipment alternatives (fork lifts)** – Currently all equipment in both DCs utilizes rechargeable batteries as the source of power for warehouse equipment. Management continually looks for and researches more cost and energy efficient alternatives.
- ❹ **Employee awareness and training** – Distribution employees receive regular updates on LDB sustainable initiatives including ongoing Fleet Driver training such as anti idle programs and driving efficiencies.

# DISTRIBUTION – Hybrid Truck Test



# ADMINISTRATION

- 🔄 **Power Smart** – Since 2007 the LDB has been committed to reducing its overall power consumption. The recently established Head Office Power Smart Team, ensures the continuation and implementation of power smart programs in all of the LDB operations.
- 🔄 **Record Information Management Systems (RIMS)** – In 2008 the LDB began implementing an electronic record management system that will, allow the LDB to substantially reduce the amount of paper it uses and stores each year.
- 🔄 **Car pooling** – The LDB has designated 20 stalls for registered car poolers only. In 2010 the LDB environment department will act as a centre point to assist with information and help potential car poolers find each other.
- 🔄 **Fleet cars and trucks** – Since 2008, 80% of Head Office fleet cars have been replaced with hybrid models.

# ADMINISTRATION Cont.

- **Marketing** –programs like “Think Green – Shop Smart” LDB marketing department continually educates staff and customers on the LDB sustainable program
- **Climate action team** – Formed in 2008 the Climate Action Team has representation from all areas of the LDB. Team members are responsible for bringing forth new sustainable ideas and to ensure that LDB Green Plan Initiatives are supported in their areas.
- **Environmental Manager** – The position of Manager of Environmental was created in 2008 to ensure consistency and implementation of the LDB Green Plan.

## ADMINISTRATION Cont.

- ☉ **Staff Awareness** –LDB staff are kept updated through various internal communication vehicles such as Grapevine and the Chronicles newsletter. In October of 2010 there was an expansion of the Green Awareness program to increase staff awareness and continue staff education regarding LDB Green Initiatives.
- ☉ **Annual Clean up Day** – Every year the LDB main office holds a clean up day. It is a great way of showing and educating staff on the amount of materials they do....and don't use. Clean Up day is also a great opportunity to encourage LDB employees to clean up their electronic files as well.
- ☉ **Upgraded Bike facilities** – In Fall of 2010 the LDB upgraded it's existing bike facilities,. Employees also formed a bike committee that meets on a regular basis to discuss ways to encourage more employees to bike to work

# ADMINISTRATION



# ADMINISTRATION - Recognition



2009 Power Smart Excellence Awards  
Finalist  
Energy Conservation Commitment  
BC Liquor Distribution Branch



# BCLDB Sustainable Initiatives Detailed By Department

## PURCHASING

- 🔄 **Green Standards / review** – While awaiting the governments **Green Procurement Policy**, the LDB requires that all Requests for Proposals have a green component in place. RFPs and Tenders green requirements are reviewed by the LDB Environmental Department to ensure compliance and eliminate Green washing.
- 🔄 **Organic Products** – The BCLDB currently lists 70 lines of organic products in its retail stores.
- 🔄 **Energy Star Requirements** – Energy Star or equivalent is given preference for all new equipment purchased by the LDB.. All replacement equipment is recovered and recycled where facilities exist.
- 🔄 **100% post consumer recycled paper** – All copy paper used in Head Office is 100% post consumer recycled paper.

## PURCHASING Cont.

- **Green cleaning supplies** – Environmentally friendly cleaning supplies are used in Head Office. In the near future all cleaning supplies utilized at retail level will be environmentally friendly as well
- **Reusable bags** – To encourage the reduction of single use bags at the LDB, several styles of reusable bags are offered for sale. As further encouragement the LDB has given away over 500,000 free reusable bags to customers since 2008.
- **Uniforms** – The LDB is continues to explore local, sustainable options in regards to retail staff uniform supply.
- **Packaging Standards** – The BCLDB is currently undertaking a full review of lightweighting glass and its potential on the BCLDB, its customers and suppliers. A minimum of 10% reduction in glass weight would save the equivalent of reducing glass at the BCLDB by 1000 tonnes per year.

# PURCHASING



# BCLDB Sustainable Initiatives Detailed By Department

## FACILITIES

- ❏ **Leadership in Environmental and Energy Design (LEED) Standards** – the LDB is currently finalizing a set of standards to be included in all construction Request for Proposals (RFPS) that will ensure that all new and remodeled construction projects meet minimum LEED certification standards
- ❏ **Eliminate Single use cups in cafeteria** – single use paper cups were eliminated from use in the cafeteria in 2009
- ❏ **Power Smart** –Through the LDB Power Smart Team, the LDB is constantly reviewing and implementing energy savings programs that support their commitment to Power Smart. One major program was the complete lighting refits of both distribution centres
- ❏ **Equipment Purchase** – preference is given to all new equipment purchases that meet energy star compliance standards. Equipment designed for recycling\recyclability is given a priority as well

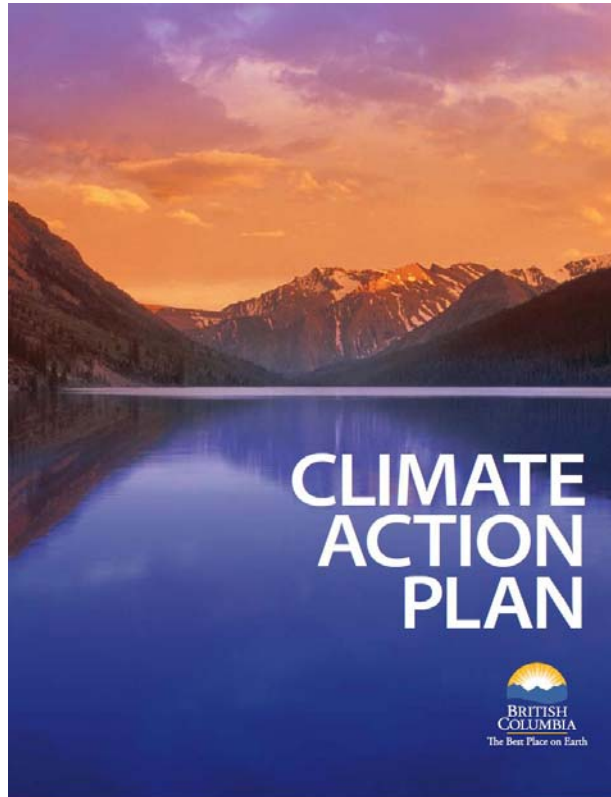
# Reporting

- ❏ **Annual GHG report to BC Government** – In support of the BC Governments GREENHOUSE GAS REDUCTION TARGETS ACT passed in 2007, all Government Ministries and Crown Corporations must submit yearly reports on what programs they will be implementing to support the goals of this legislation. The legislation requires that all Ministries and Crowns be carbon neutral by 2010. The report requires Ministers and Crowns to list all programs that will help them meet the goal of carbon neutrality. The report also requires an update as to their status of implementation. To date the LDB has submitted two reports with over 50 individual initiatives that cover all areas of LDB operations. The LDB is committed to continuing its sustainable leadership in all areas of its operations.
- ❏ **Smart tool Measurement for GHG** – The BC Government has created a system that aids ministries and crowns in accurately tracking their Green House Gas emissions from a baseline of 2007-2008 to present day. Ministries are required to track their emission in four specific areas: Paper use, Transportation, Energy and Travel. As this time Crowns are not required to report on Travel. The LCB has several green initiatives in all the areas concerned..

# Reporting

- 🕒 **Internal Reporting** – In order to ensure consistent updated information on LDB Green Plan initiatives, the Environmental Manager maintains the following internal reporting structure
  - 🕒 - Bi weekly report to Real Estate director
  - 🕒 - Bi weekly report to Retail Directors
  - 🕒 - Bi weekly report to General Manager and Executive Director
  - 🕒 - Area managers meeting
  - 🕒 - Off site strategic meeting updates ( quarterly)

# GHG Information



<http://www.livesmartbc.ca/government/plan.html>

<http://www.gov.bc.ca/env/>

# Summary

- The LDB is exploring leading edge sustainability programs in all areas – corporate, distribution and retail – to minimize our carbon footprint. We're confident we can achieve the LDB and the government's goals for greenhouse gas reductions and continue to set high standards for sustainability by building on existing programs and introducing new and innovative ones.