



City of Whitehorse Strategic Sustainability Plan Highlights 2011 & 2012

Introduction

The City of Whitehorse has been operating under the guidance of the Strategic Sustainability Plan since 2008. The plan consists of a broad vision, which encompasses seven key principles and 53 specific actions. Progress on these actions was reported in 2010. This update highlights progress in the period 2011 to the end of 2012.

The City has moved forward on nearly all actions. For certain very specific actions, progress has been significant enough that new goals may be set. For other long-term actions, the way forward has been paved and efforts will continue. Still others will require innovation and renewed commitment.

The actions have been coded with one of three symbols:

- ✓ Action is nearly complete and new goals can be considered.
- ↗ Progress has been made and efforts will continue.
- ↔ Innovation is needed to see new progress on this action.

Vision (from the SSP)

Whitehorse will be a well planned self sustaining community that is a leader in energy conservation and innovation that maintains and conserves wilderness spaces for future generations. Whitehorse will continue to strive for a better quality of life that is reflected in its vibrant economy and social life.

Theme: Thriving Environment

Strategies:

- Improve air quality
- Protect water resources
- Protect and use green space
- Achieve zero waste

Thriving Environment refers to stewardship of the natural environment and recognition of its intrinsic value and importance for quality of life.

The City has moved forward on all actions under the theme of Thriving Environment. This progress primarily takes the form of planning, so the challenge for the City will be to finalize and implement these plans. Where regulatory or policy progress has been made, compliance is now required. A new challenge will be to focus on the efficiency of the City's fleet.

Highlights: Progress on the Wellhead Protection Plan, Solid Waste Action Plan, and Green Procurement Policy.

Future work: Implement plans and monitor progress towards actions; renew the administrative directive on idling City vehicles; and focus on the efficiency of the City's fleet.

Action	2010 Update	2012 Update
Support YTG in the development of air quality standards ✓	Testing during a 6-week winter period indicated that air quality was adequate and future testing would occur as needed. The City committed to work with other governments and partners to monitor air quality and develop standards of air quality.	Whitehorse was identified as the city with the cleanest air by a World Health Organization list of air quality data from 1,100 cities in September 2011. Air quality is represented by the annual mean concentration of fine particular matter smaller than 10 or 2.4 microns. Government of Yukon implemented "Yukon Ambient Air Quality Standards" in April 2010, which are used to determine emissions acceptability of proposed and existing development.
Continue anti-idling policy ↔	The City Administrative Directive for Idling times for all City vehicles became effective in 2006.	The administrative directive remains in place. Further work on understanding and compliance is recommended.
Improve emissions standards for City buses ✓	As of 2010, all City buses met the 2007 National standards in the "On-Road Vehicle and Engine Emissions Regulations." The regulations also contained standards that became effective in 2010.	Any new buses will meet the standards under the federal "On-Road Vehicle and Engine Emissions Regulations."
Meet or exceed YTG water standards : Implement the water and sewer study ↗	In 2003, the City commissioned a Water and Sewer Study to examine capacity, deficiencies, and demand, and to set priorities for the water and sewer systems. A water and sewer study is conducted approximately every 10 years. New wells 8 and 9 allowed the city to move away from surface water. The City tests more frequently than is required by Yukon regulation, ensuring early awareness of issues.	The Selkirk Pump house is being rebuilt. It is the main distribution and treatment point for the city's drinking water system. The wellhead protection plan for the Selkirk Aquifer will be completed in 2013. The plan is a permit requirement for the Drinking Water Permits and the Water License and is intended to minimize hazards to the drinking water supply.

Action	2010 Update	2012 Update
	Reservoir and water line inspection and maintenance maintains high quality of drinking water.	
Create a green space plan ↗	A Green Space Network Plan (GSNP) was developed to identify environmentally sensitive and valued recreation areas. The plan's purpose is to maintain the integrity of sensitive ecosystems, encourage connectivity, provide outdoor recreation opportunities, and promote compact development.	<p>The Protected Areas Bylaw is in the initial stages of being rewritten and expanded to reflect the Green Space Network Plan. Adoption of a new bylaw is anticipated for 2014.</p> <p>The Zoning Bylaw was updated to reflect direction in the OCP. Greenbelt zoning was expanded to match "Green Connections" designation in the OCP. Slopes above 30% are now zoned Environmental Protection.</p> <p>As recommended in the OCP, the Chadburn OIC under the Yukon Lands Act will be examined.</p>
Solid waste action plan ↗	Two solid waste audits were completed in November 2009 and July 2010. The 1998 Solid Waste Action Plan (SWAP) was written to help meet internal City goals for waste. An internal solid waste audit of City facilities was conducted in July 2010.	<p>The Solid Waste Action Plan is targeted for early 2013 completion and adoption. The plan will outline steps to achieving 50% waste diversion by 2015.</p> <p>The Solid Waste Management Plan is underway and scheduled for completion in 2013.</p>
Implement green procurement policy ↗	<p>The City participates on the Sustainable Purchasing Collaborative Initiative--10 municipalities collaborating on best practices around sustainable purchasing. A pilot project completed in December 2010 resulted in a best practices report and an evaluation of purchasing practices and recommendations for the City.</p> <p>Departments began changing internal purchasing strategies. All new Information Technology purchases are Energy Star compliant and purchasing contract preference the same.</p>	<p>The City adopted amendments to the "Purchasing and Sales Policy" in November 2011 to guide procurement that is sustainable and cost effective. Tools are currently being developed to facilitate implementation of policy in targeted commodity areas, which include paper, printing services, and light vehicles.</p> <p>The City is partnering with YG to develop a common purchase agreement for paper, which focuses on sustainable specifications. Progress is ongoing on janitorial contracts for municipal buildings with respect to waste management.</p>
Achieve community waste targets ↗	As of 2010, the Whitehorse landfill operates as a regional facility serving the City and three other communities. Waste audits at the landfill were completed November 2009 and July 2010 and an internal audit of three City facilities in July 2010. Through various planning exercises, the City set goals of 50% diversion by 2015 and zero waste by 2040.	<p>The City has hired a dedicated waste management specialist to help develop a plan to meet the goal of 50% diversion by 2015. The Solid Waste Action Plan involved a comprehensive public engagement process, with a focus on the ICI (Institutional, Commercial and Industrial) and C&D (construction and demolition) sectors.</p> <p>The compost facility is now being managed by Boreal Compost Enterprises. The compost facility operations were reviewed and recommendations for increasing capacity are being pursued, with a focus on equipment.</p>

Theme: Community Development

In the SSP, Community Development refers to the goal of integrating decisions on development, land use, infrastructure, energy and transportation in a manner that minimizes our ecological footprint. This theme is divided into two sub-themes: Land Use and Transportation, and Energy.

Sub-Theme: Land Use and Transportation

The City continues to make gains in encouraging sustainable land use through zoning and incentives. Bicycle and pedestrian infrastructure is being improved consistently and incrementally. Transit has seen a major schedule change and several campaigns to increase ridership. While progress has been made on climate change adaptation planning, the next challenge will be to improve and implement decision making based on climate change knowledge.

Highlights: Amendments to the Zoning Bylaw; bicycle and pedestrian infrastructure upgrades; and the 2011 transit schedule overhaul.

Future work: Integrating climate change knowledge into decision making and increasing transit ridership.

Strategies (Land Use and Transportation):

- Ensure infrastructure is adaptive to climate change
- Provide flexible and appropriate zoning regulations
- Improve transportation

Action	2010 Update	2011-2012 Update
Develop local climate change adaptation plan ✓	The City worked with the Northern Climate Exchange and partners to develop a Whitehorse Climate Change Adaptation Plan; known as White-CAP. Phase one was completed in 2010. Community adaptation projects were funded, then completed in 2011. Phase 2 is the implementation phase, resulting in a final plan. Two City managers sit on the local advisory committee.	The Whitehorse Climate Change Adaptation Plan was accepted by City Council for review and consideration in December 2011.
Use existing climate change studies in decision making ↔	Phase one of White-CAP identified high priorities and opportunities that include: natural hazards; infrastructure; food security and agriculture; environment; and energy security. The City supported the Northern Climate Exchange and Scenarios Network for Alaska Planning (SNAP) in Fairbanks to update Yukon evapotranspiration data for use in infrastructure design.	SNAP data on evapotranspiration has been received, though has not yet been used. CAVIAR (Community Adaptation and Vulnerability in the Arctic) is an international academic study to examine how projected climate change will interact with changes in social and natural conditions to shape vulnerability and adaptability to climate change. A number of City staff were interviewed and information about City projects, policy, and processes given. [http://www.uoguelph.ca/gecg/page.cfm/CAVIAR]
Develop incentives to promote change towards a sustainable	The 2010 OCP contains policies oriented towards energy efficiency, sustainable construction, and walkable, transit-friendly neighbourhoods, setting the stage for future	The Development Incentives Policy approved in 2011 offers financial incentives to property owners for redevelopment. The policy targets the creation of secondary suites, supportive housing, rental housing, and multiple housing downtown and in

Action	2010 Update	2011-2012 Update
community ↔	incentives.	<p>areas intended to be complete neighbourhoods.</p> <p>The City has continued to offer Environmental Grants for projects by groups and businesses that promote sustainability goals.</p> <p>Parking requirements were reduced for supportive housing developments.</p>
Develop flexible design standards and land use regulations that are appropriate to the needs of the citizens while ensuring sustainable development ↗	<p>Density analysis has been incorporated into all new planning processes and neighbourhoods including Whistle Bend. The OCP is based on smart-growth principles that consider standards such as fused grid design, road length, and accessibility within a 5 minute walk, and which are aimed at increased density and liveability.</p>	<p>Various changes to Zoning Bylaw made in 2012 that promote compact development, complete streets, and human-oriented development:</p> <ul style="list-style-type: none"> • New visitability requirements included in Zoning Bylaw for multiple housing and hotels. • New zoning for Old Town allows for increased density while retaining the area's character. • Neighbourhood mixed use areas allow mixed-use development as opposed to commercial-only areas. • Hostels now allowed in numerous downtown locations. • More flexible zoning for residential care facilities and supportive housing. <p>Ongoing design of Whistle Bend phases 3-8 embraces compact development, and innovative zoning and urban design.</p>
Ensure the City is operating in an open and transparent manner ↔	<p>The City adheres to accountability, transparency and reporting requirements of the Municipal Act (2002).</p> <p>The City of Whitehorse conducts communication, consultation, and engagement on any project affecting the public. The City conducts a biennial citizen survey.</p> <p>All bylaws and policies are posted on the web and the Council follows a Procedures Bylaw. Council meetings are publicly accessible online and on television with captioning, and in person. Agendas are publicly advertised.</p> <p>Internal accountability and ethics are governed by a Code of Conduct for employees and there is a workplace Harassment Policy.</p>	<p>A new department has been created called Outreach and Events to improve and standardize outreach and engagement. A City-wide working group has been created to the same end.</p> <p>A new website was launched in 2011, with several features intended to improve online engagement, such as e-notifications.</p> <p>The citizen survey was conducted in 2012.</p> <p>The City was giving a grade of 'F' by the Newspapers Canada annual Freedom of Information Audit for 2012. The audit tested the speed and completeness of information requests.</p>
Promote flexible and affordable housing ↗	<p>The 2010 OCP promotes mixed-use zoning to encourage residents to live/shop/work in nearby locations, which includes support for secondary suites, garden suites, density and mixed, complimentary land uses.</p>	<p>In response to a growing housing shortage in the city, the Whitehorse Growth Strategy was initiated in May 2011, consisting of several projects intended to encourage new housing.</p> <p>Timely processing of development permits contributed to increased development, which has contributed to prices stabilizing.</p> <p>Zoning Bylaw changes addressing housing included:</p>

Action	2010 Update	2011-2012 Update
		<ul style="list-style-type: none"> • Visitable units requirement for multi-family, hotels • Minimum suite size removed, minimum lot sizes reduced, triplexes permitted in Residential Single Detached zone. • Multiple housing allowed in Old Town. • Height restriction downtown changed • Garden suites now permitted everywhere • Mobile home zoning upgraded to a residential zoning that allows a wider range of housing types, such as duplexes and taller homes
Ensure the OCP is based on the sustainability principles ✓	The OCP was revised in 2010 to reflect the objectives of the SSP.	

Sub-theme: Energy

In the area of energy, the City has taken good steps towards monitoring and reducing energy usage by creating a database to track energy use in City buildings and infrastructure, accompanied by an Energy Management Plan. Regarding energy use in non-City owned buildings, several district heating projects are in the feasibility and planning stages. As well, recent amendments to the Building and Plumbing Bylaw require increased building performance.

Strategies (energy-related):

- Improve energy efficiency
- Diversify renewable energy production
- Reduce greenhouse gas emissions

Highlights: Completion of the Energy Management Plan; several district heating projects; and implementation of the City Energy Tracker.

Future work: Continue to improve energy usage and use the new MSB design to demonstrate the most innovative building efficiency.

Action	2010 Update	2012 Update
Reduce energy demand required by City infrastructure ↗	The City took many steps towards reducing the energy that its operations and facilities require in this reporting period. Examples included upgrading lighting, installing motion and heat sensors, and upgrading printers to optimize electrical use.	<p>The Energy Management Plan was completed in 2012; adoption by Council anticipated in January 2013. The plan included audits on 23 buildings and identified a \$1.2 million project with a 3.9 year payback and \$300,000 in savings.</p> <p>Operationally, City departments continue to look for opportunities to decrease energy consumption.</p> <p>A waste heat recovery project was completed Oct 2012 at the CGC. New equipment preheats domestic hot water using waste heat from the ice-making process. Changes to a pool air handling unit allow pre-heating of incoming air from waste heat, and control systems upgrades will improve energy management of the facility.</p>

Action	2010 Update	2012 Update
Develop a baseline of Whitehorse energy use ↗	The City began receiving monthly data from all of its energy suppliers (liquid fuels, electricity) in order to establish a baseline of current energy use. Historical data of energy use was assembled and analyzed for trends, patterns, anomalies etc.	A new Energy Tracker has been implemented, which contains usage data for City buildings and infrastructure. The Energy Management Plan has been completed and provides analysis of corporate energy use.
Implement energy efficiency requirements in bylaw ↗	The City worked in partnership with Yukon Housing Corporation, Energy Solution Centre and local contractors to develop performance standards that were adopted into bylaw in 2009. They include: required air leakage tests; minimum thermal insulation values for doors, windows, walls and ceilings for all occupied buildings; and Heat Recovery Ventilators for all new homes.	The Building and Plumbing Bylaw was amended in 2012. Key changes include: <ul style="list-style-type: none"> • Window requirements increased from double to triple panes; • HRV design and inspection requirements; • Performance standard increased from Energuide 80 to 82; • Air changes per hour has been changed, leading to tighter buildings; and • Energy labelling for new homes will be required as of Sept 2013.
Improve public transit system and increase ridership ↗	<p>Transit activities to 2010 included:</p> <ul style="list-style-type: none"> • 2005 Transit Task Force report • Employee Destination Study • Interlining bus loop systems were piloted in 2007 and 2008 • Increased service during peak PM hours were added April 2008 • schedule adjustment to suit the working public implemented in July 2008. • Transit Plan 2010 <p>Transit consultations included stakeholder meetings with the public, various Yukon Government Departments, Yukon College, the downtown Chamber of Commerce members, etc.</p> <p>The City set the goals to increase ridership by 50% by 2015. Ridership increased little in 2010.</p>	<p>A major scheduling change was implemented in July 2011. Ridership has consistently increased since then.</p> <p>Recent promotions to increase ridership have included:</p> <ul style="list-style-type: none"> • Fall 2011 advertising campaign • routes and schedule uploaded to Google Trip Planner • Fall 2012 promotion of trip planner • Fall 2012 pilot project in Riverdale. • October 2012 free bikes on buses promotion • Group pass promotion <p>An agreement with YG Department of Education guarantees 100 free passes / month; as a result service was increased to Riverdale high schools.</p> <p>Minor scheduling and route changes have been made to increase ridership. A schedule changes is anticipated for Whistle Bend.</p>
Continue traffic calming ↗	From 2004 to 2010, various traffic calming features such as roundabouts, road diets, and pedestrian neckdowns were implemented.	New roundabouts have been installed at Lewes and Nisutlin, 6 th and Black, and two in Takhini North.
Increase pedestrian and bicycle transportation options ↗	The new Transit Plan was completed in 2010.	<p>Federal funding has been approved to widen Robert Campell Bridge to install bike lanes, and to connect it to the Lewes Blvd. multi-use trail.</p> <p>New multi-use trails were built in Takhini and Crestview. Millennium Trail paving was completed between Main and Ogilvie Streets.</p> <p>One block of 6th at Hanson was closed and turned into pocket park with trail.</p>

Action	2010 Update	2012 Update
Explore a district heating energy system ↗	<p>A study on the potential for a geo-exchange district energy system was completed for Whistle Bend, which found a system to be feasible, but with challenges related to funding, operation, and ownership. A study on the potential for district energy from the CGC to FH Collins was completed with the Energy Solutions Centre and YHC Property Management. Several nodes were found to be feasible, based on a biomass fuel source. A downtown district energy system pre-feasibility study was completed in 2010.</p>	<p>Winter commuting promotions were held Fall 2012.</p> <p>The Downtown Parking Management Plan completed May 2011, which contains recommendations on alternative transportation.</p> <p><i>Downtown.</i> YEC has, in partnership with City and others, completed a detailed feasibility study for a district energy system in Riverdale and downtown using biomass and liquefied natural gas (LNG) for Combined Heat and Power. Delivery is oriented to institutional and commercial users (hospital, government, hotels, schools).</p> <p><i>Whistle Bend.</i> A pre-feasibility study on borehole thermal energy storage (BTES) was completed in spring 2012. ATCO gas subsequently agreed to be the utility partner. A feasibility study is expected to be completed in June 2013. Partners have won the opportunity to attend an international real estate conference (MIPIM) to seek investors.</p> <p><i>Riverdale.</i> City is partnering with Government of Yukon to create an open loop geo exchange to heat the new FH Collins.</p>
Decrease fossil fuel use for new City buildings ↔	<p>Various energy efficiency improvements were selected for the new Public Safety Building.</p>	<p>The new Public Safety Building opened in 2010 and incorporates most of the best building practices and also includes a solar wall.</p> <p>The Energy Management Plan includes developing a policy for new City facilities.</p>
Support alternative energy sources ↗	<p>Activities in this period consisted mainly of feasibility studies to examine: a geo-exchange district energy for Whistle Bend; a downtown district energy system; and individual biomass boilers at various City facilities, which could eventually connect to a district system.</p>	<p>See comments under the target “Explore a district heating energy system.”</p>
Complete the Partner for Climate Protection Program ✓	<p>The Partners for Climate Protection (PCP) program is a network of Canadian municipal governments that have committed to reducing greenhouse gases and acting on climate change. The five program milestones are: 1) profile energy use and emissions from City and community sources and do a 20-year emissions forecast; 2) establish City and community reduction targets; 3) develop and finalize a Local Action Plan (LAP) to reduce energy use & emissions; 4) implement the LAP; and 5) monitor, verify and report on GHG emissions.</p>	<p>Milestone 5 of the Partner for Climate Change Protection Program has been submitted to FCM.</p>

Action	2010 Update	2012 Update
Monitor City and community-wide GHG emissions reduction targets ↔	Baseline data was established in 1996 against which the City could evaluate its reduction. No monitoring was done between 2001 and 2010.	<p>A new Energy Tracker was implemented, which contains usage data for City buildings and infrastructure, and tracks GHG emission for City facilities.</p> <p>By late 2012, milestone 5 of the Partner for Climate Change Protection Program will be submitted to FCM.</p> <p>The Energy Management Plan has been completed and provides analysis of corporate energy use.</p>

Theme: Leadership

The City envisions itself as a community leader that is true to the principles of sustainable development and global responsibility.

The City has made some progress towards becoming a leader in sustainability, mainly by providing core services to the public, but also by focusing on project-specific sustainability initiatives. Challenges in the coming years are to improve the City's operational performance, and to standardize the methodology around community engagement.

Strategies:

- Integrate participatory planning and decision-making
- City becomes a leader in sustainability

Highlights: New energy tracker database; numerous partnerships focused on district energy; and ongoing and consistent consultation on all processes affecting the public.

Future work: Develop new strategies for improving the sustainability of all City practices.

Action	2010 Update	2012 Update
Integrate sustainability into City practices ↔	The new OCP is based on all the principles of the Sustainability Plan, ensuring the Zoning Bylaw also parallels sustainability goals.	The City has targeted waste and buildings as the two priority areas for improving its corporate performance.
Incorporate best practices into City operations ↔	Highlights included: Installing roundabouts; Greening boulevards/streets project; Escarpment remediation; Transportation changes such as signal changes for backup power, pre-emption for fire trucks; solar power signs; bike lockers; increased trail and map system; bike racks on all buses; LED street light; and waste heat recovery at CGC.	<p>An Energy Management Plan has been created that identifies best practices in energy management.</p> <p>Amendments to the Purchasing and Sales Policy were adopted to include sustainable procurement.</p> <p>The organizational review resulted in an Environmental Sustainability Department.</p>

Action	2010 Update	2012 Update
Develop partnerships ↗	Partnership highlights included: <ul style="list-style-type: none"> • The Land Development Protocol with YG. • Federation of Canadian Municipalities (FCM) and the YG on the District Energy and Waste Heat Collection Feasibility Study • Canadian Mortgage and Housing Corporation (CMHC) on Whistle Bend Charrette. 	The City participates in many partnerships as part of its everyday business. Some special partnerships include: <ul style="list-style-type: none"> • Yukon Energy Partners • YICES Yukon Intergovernmental Committee on Environmental Sustainability • YG and Yukon Energy partnership on sustainable purchasing • Climate Change Adaptation Plan.
Reorganize City administration structure to deliver sustainable services ✓		The City underwent a significant organizational review, which resulted in many changes. Significantly, the City has established a department of Environmental Sustainability.
Engage all citizens and cultures in community planning ↗	The City continued its practice of engaging members of the public in processes that affect them. Notable processes included: the 2010 OCP; transit consultations; the Sustainability Charrette that led to the SSP; Whistle Bend Design Charrette; and various project specific consultations	The City has encouraged public engagement on numerous activities over the past two years, including planning, engineering design, bylaw amendments, zoning amendments, and policy development. Public engagement is considered in virtually all areas of City responsibility. Most recently, the City has created an Events and Outreach branch that will provide in-house support and expertise on engagement activities.

Theme: Diverse Local Economy

The SSP envisions a vibrant, diverse local economy that encourages self-sufficiency, uses resources efficiently, and creates inter-generational wealth.

Yukon was recently named one of the top 10 places to visit in 2013 by Lonely Planet. A challenge for the City will be to capitalize on this endorsement by finding appropriate ways to support private enterprise. An organizational review of the City created a new position focused on promotions and an economic development position funded by Government of Yukon. Challenges for the future will be to find appropriate ways to support private enterprise in contributing to sustainable economic development.

Strategies:

- Promote tourism
- Support local food production
- Promote a sustainable economy

Highlights: Agricultural uses permitted in zoning bylaw; support given to small-scale local agricultural projects; and continued promotion of Whitehorse as a business and tourism destination.

Future work: Finding appropriate ways to support private enterprise and self-sufficiency.

Action	2010 Update	2012 Update
Work with partners to promote	The City engaged in many promotional activities in partnership with YG Tourism, Canadian Tourism Commission, Tourism Industry	The City facilitated \$1.3-million in federal infrastructure funding to Mount Sima.

Whitehorse as an international tourist destination ↔	Association Canada, Southeast Alaska Tourism Council, Cannon, YG Economic Development, and Yukon College.	A new Communications and Promotions Specialist has been created. Zoning Bylaw now permits hostels in several downtown locations.
Support local agricultural initiatives ↗	The City supported the following agricultural initiatives: <ul style="list-style-type: none"> • Urban Farmer workshop for City staff with Alpine Bakery, and Ron Berezan. • Fireweed Market and Community Kitchen at Shipyard Park. • OCP supported community garden in any zone. Public Safety Building included community garden for on-site staff. • Zoning amended to allow a community greenhouse in Valleyview. • Downtown Urban Gardening Society received extra land at no extra cost in 2010. • Takhini North edible landscape design pilot. Supported Sprouts – A Junior Gardening Program 	The City partnered with the Northern Climate Exchange and Riverdale Community Association on an edible landscaping project on the Millennium Trail. Takhini North roundabout has edible landscaping. Urban chicken coops are now regulated through amendments to the Zoning and Animal Control Bylaws. An Environmental Grant was awarded to the Growing Ingenuity Group for a mushroom growing workshop and trial project.
Ensure agricultural use is provided for and permitted in the OCP and Zoning Bylaw ✓	The new OCP ensures agricultural land use is recognized and valued. The 2011 Zoning Bylaw re-write will ensure these visions are embedded in practice.	A new agriculture zone has been created in the Zoning Bylaw and was applied to two parcels (one private, one public). Non-soil based agriculture continues to be permitted in country residential zones. Zoning now regulates coops, allowing for backyard chickens.
Develop plans to focus economic strategies and promote sustainable development ↗	The City of Whitehorse held two facilitated public forums in 2009 to create the 2010/2011 Economic Development Action Plan. The City committed to enhancing the economic well being of citizens through the retention, development and attraction of business in a manner that nurtures community and regional sustainability.	A new position has been created to focus on economic development. The City produced a video called “The Right Climate for Business” highlighting the top 10 reasons to do business in Whitehorse.

Theme: Equity

The SSP envisions equity, fairness and inclusiveness in our community relationships.

The City has made modest progress on pursuing accessibility and equity actions, particularly in the area of zoning. Transit buses remain fully accessible, and bus stops are being upgraded incrementally. The Municipal Services Building remains a challenge in terms of public accessibility, but the design for a potential new MSB will incorporate best practices in universal design.

Strategies:

- Provide accessible community infrastructure
- Meet basic human needs

Highlights: New zoning requirements for accessible units in multiple housing and hotel and ongoing excellent active living programming.

Future work: Incorporate universal design into the potential new MSB and other decision processes.

Action	2010 Update	2012 Update
Ensure all City public buildings are universally accessible by 2015 ↔	An elevator was installed in City Hall to access Council Chambers. All public City buildings with the exception of the Municipal Services Building (MSB), were made accessible.	The MSB remains problematic in terms of accessibility. However, all publically accessed areas are on the ground floor, and the design for the new MSB will incorporate best practices in universal access.
Achieve universal design through bylaws, regulations, and partnerships ↗	The City continued to support the Persons with Disabilities Advisory Committee (PDAC).	Zoning Bylaw changes: <ul style="list-style-type: none"> • New multiple housing requires one fully accessible unit and one visitable unit for each 10 units built. • New hotels and motels require one fully accessible room for each 10 rooms. • Accessible parking spot requirements in multiple housing and mixed use residential has increased and require signage. • Parking lots must provide continuous grade routes. • More flexible zoning for residential care homes and supportive housing. Accessible crosswalks have been installed on 2 nd Avenue at Lambert and Steele Streets, and at 4 th and Steele
Ensure public transit is accessible ↗	Gas tax funding allowed the City to achieve accessible public transit 5 years ahead of schedule. All Transit buses "kneel" and the Handy Bus hours were extended. Each year Transit redesigns four major stops, all accessible with para-ramps and space for all mobility types.	New GPS's on buses will allow tracking of buses for efficiency improvements rider convenience.
Encourage childcare facilities in residential and commercial zones ✓	The 2010 OCP supported this recommendation.	Family day homes are now permitted as secondary uses in all residential zones but one. Child care centres are permitted uses in the majority of residential and commercial zones.

Action	2010 Update	2012 Update
Increase access to healthcare facilities and promote healthy lifestyles ↔	Parks and Recreation worked in partnership with many organizations to promote access to its facilities and programs. Examples included: the H1N1 vaccination project at CGC; the Family Literacy Centre; and Yukon Diabetes Coalition program partnership	The City continues to provide diverse recreational and fitness programming. Special classes focused on Diabetes and Osteoarthritis are offered in partnership with Government of Yukon.
Continue to develop programs to ensure affordable access to City facilities ↔		The continuous membership payment plan makes annual memberships more accessible.
Promote diversity and quality of life in City workforce ↔	A revised job evaluation and pay equity project was implemented.	All City employees received communications and leadership training in 2012. The City underwent a major re-organization activity, with the aim of improving work environment and efficiency.

Theme: Cultural Identity

The SSP recommends celebrating Whitehorse's cultural diversity. The City has made progress in the area of planning and encouraging development in the downtown core. Other notable activities include continued progress on engaging the public in year-round planning and stewardship of trails.

Strategies:

- support arts and culture
- foster community spirit and identity
- promote active living

Highlights: Planning and infrastructure work in the downtown core; ATV and Snowmobile Bylaw amendments; and trail task force participation.

Future work: Continue to foster new and existing partnerships in promoting diversity of all types.

Action	2010 Update	2012 Update
Facilitate partnerships with arts and culture community ↔	Major activities towards this action included: <ul style="list-style-type: none"> • Partnership in the 2007 Canada Games • Recreation Grant Program redesign • Creative City Network first annual summit in Whitehorse 2009 • Continued partnership in Art Safari, a program for children and youth. 	The City has partnered with the following organizations on arts and culture related projects: <ul style="list-style-type: none"> • Whitehorse Cross Country Ski Club--to enhance approximately 15Km of trails at Mount McIntyre, and develop approximately 10km of trails in other areas. • Rotary Club--to enhance signage along the Millennium Trail and install a picnic shelter at Rotary Park. • Klondike Snowmobile Association--to build a 12 foot long bridge over Wolf Creek to protect salmon habitat.

Action	2010 Update	2012 Update
Directly support local arts and culture community and arts ↗	<p>The City provided in-kind services and support to many arts and cultural community initiatives. The Arts Policy requires 1% of the capital budget of any capital project go towards art for that facility.</p> <p>The City supports local artists by displaying their work in publicly accessible City buildings.</p>	<p>The City directly supported arts and cultural organizations through the Recreation Grant.</p> <p>The City invested \$1.3-million of federal funding in developing Mt. Sima as a year round facility.</p> <p>Public sculptures were installed at new Public Safety Building and on Main Street.</p>
Support a vibrant downtown ↗	<p>The 2010 OCP supports a vibrant downtown.</p>	<p>Several key activities concerned keeping the downtown core vital:</p> <ul style="list-style-type: none"> • The 2011 Development Incentives Policy targets key pieces of vacant downtown land for development. • The City completed the Downtown South Master Plan in July 2011. Implementation is ongoing, which included rezoning two parcels of vacant crown land downtown to encourage development. • Old Town consultation and zoning amendments occurred in 2012, which encourage sustainable redevelopment of the area. • Engineering improvements to Black Street were completed in 2012. • The Downtown Parking Management Plan was completed in 2011. Implementation is ongoing.
Increase use of trail network ↗	<p>Various improvements to the trail network were undertaken during this period, including a significant signage and trailhead project.</p> <p>The 2007 Trail Plan continues to guide planning, development and programming for the trail network.</p>	<p>The ATV and snowmobile bylaws were amended with an objective to increase safety and create a better culture of trail sharing.</p> <p>Parks and Recreation partnered with residents as stewards of the Chadburn Lake ski trails to carry out trimming and grooming.</p> <p>The City engaged two Task Forces to make recommendations on implementation of the 2007 Trail Plan.</p>
Develop year-round active living initiatives and partnerships ↔	<p>Parks and Recreation initiated many partnerships and programming during this period, both through its own facilities, and in partnership with other organizations.</p>	<p>The City continued to support many ongoing programs and initiatives.</p>
Support year-round outdoor recreation activities ↔	<p>Parks and Recreation developed a number of successful partnerships with organizations in the community in this period.</p>	<p>The City facilitated a \$1.3-million investment of federal funds into Mount Sima's year-round operation. The City continues to support year round tourism activities. The City held a series of promotional winter commuting workshops called Cold Commute.</p>

Theme: Education

The SSP recommends empowering every generation to entrench sustainability in education with the benefit of shared northern knowledge.

The City continues to use every project as an opportunity for public involvement and education. It supports environmental education through partnerships with other organizations, and direct funding through the Environmental Grant and Recreation Grant.

Strategies:

- Promote sustainability education
- Share northern knowledge

Highlights: Ongoing public education in all areas of operation and innovation in project-specific consultations

Future work: Find new opportunities for sustainability education, and for integrating sustainability knowledge into operations and decisions.

Action	2010 Update	2012 Update
Increase and develop education programs that promote sustainability ↔	<p>City staff were provided opportunities to pursue individual education opportunities.</p> <p>Externally, the City promoted sustainability education through Environmental Grants, Bylaw enforcement for trails and lands, and Parks and Recreation programming.</p>	<p>The City website publishes weekly green tips on its website.</p> <p>Public education was provided on all major public initiatives: the Zoning Bylaw, various planning initiatives, the Solid Waste Action Plan, the Building and Plumbing Bylaw, and the ATV and Snowmobile Bylaws.</p> <p>The City supported several organizations that promote environmental education through its Environmental and Recreation Grants.</p> <p>Ongoing education of the public has occurred on the Snowmobile Bylaw, ATV Bylaw and Bicycle Bylaw.</p>
Develop an information sharing plan ↔	<p>The City has shared information with other municipalities such as expertise on water leak detection systems, and staffing and equipment use and sharing.</p> <p>Project partnerships frequently require expertise and knowledge exclusive to the City.</p>	<p>The new City website makes information easier to find and allows citizens to sign up for information updates.</p> <p>The City is currently creating a Corporate Photo database and standards of use policy that will allow departments to share more visual information.</p> <p>Standardized corporate information brochures and pamphlets are being developed, including literature on how citizens can engage in Council and administrative processes.</p> <p>Organizational changes are anticipated to improve information sharing and public engagement. A new Outreach and Events Supervisor, as well as an interdepartmental Community Outreach Team were created.</p>