



Our Strategy for Sustainability

Photo Credit: Carmen Didier

A City of Terrace Initiative prepared by The Sustainability Task Force and the City of Terrace Sustainability Office with the support of HB Lanarc Consultants Ltd. in the Fall of 2009.



Our Vision for 2050

Terrace will prosper from its surrounding natural abundance through access to outdoor recreation, sustainable resource-based industry, full-use of its agricultural potential & the ingenuity of its citizens.

Terrace will be a dynamic city with a small town feel. Compact development & prominent pedestrian paths & bikeways will connect people in their daily travels & for frequent community festivals & events.

Terrace will celebrate its diversity in heritage & culture & the social strength that comes from all ages & walks of life working together to create an inclusive, affordable & vibrant city.

Executive Summary

This sustainability strategy evolves from public meetings, staff discussions, stakeholder interviews and a policy review.

Community visioning and input generated the Terrace 2050 vision statement and the formulation of sustainability goals to guide City policy and community efforts. In depth discussions with stakeholders and active community members helped to broaden the issues and opportunities associated with each sustainability goal. From these discussions and thoughtful review, 9 Strategic Directions were developed to provide a comprehensive planning and policy framework.

Implementation of this sustainability strategy will be achieved through policy, action and coordination.

Policy recommendations were developed based on discussions with Terrace staff, a review of the current OCP and an assessment of planning efforts in the near future. These recommendations are guided by the Strategic Directions that originate from community visioning for a sustainable future.

A more detailed and itemized sustainability action plan organizes City work and political actions and policies side-by-side with community efforts. The collaboration that this approach supports also supports beneficial and lasting community developments.

The targets and details of each action will be developed and adaptively managed by the City and Sustainability Task Force. It is these action clusters and the collaborative work that they promote that makes a sustainable future possible.

Working together and evolving the best approach are the key ingredients to innovation and to just getting the job done. Once the direction is set and the vision is coordinated all that's left is the work!

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Part I – Background



1.0 Introduction

The City of Terrace is poised to embark on a significant and ambitious journey to develop policy and plans that will guide the City towards the best sustainable future – Terrace 2050.

Initial plans and initiatives include:

- Official Community Plan Review
- Active Transportation Plan
- Community Energy and Emissions Plan
- Parks Master Plan
- Heritage Conservation Plan
- Housing Needs Assessment Study
- TEDA – Strategic Plan
- Kermoder Tourism Strategy



The City has already created a Sustainability Task Force and developed a comprehensive revitalization plan for the downtown, a Grand Trunk Master Pathway Plan, and an Airport Lands Area Concept Plan.

Terrace’s existing planning and design efforts create a strong foothold in proactive policy to address social, environmental, economic, cultural and governance issues.

These existing plans and initiatives provide an innovative context, offer momentum and a defining character profile for the other plans that will be developed in the near future.

This Sustainability Strategy builds on previous work and with the help of community visioning and input from the Sustainability Task Force, staff, council and key stakeholders identifies strategic directions for future planning efforts.

The Sustainability Strategy will ensure efficient use of resources, and most importantly, integration and coordination of efforts.

2.0 Purpose

Why a Sustainability Strategy?

Municipalities are key players in helping human societies develop a more responsible relationship with the environment. They are the most immediate and accessible form of government and have direct influence over waste and resource management, land use, development control and open space design.

Some of the broader issues and themes that this Sustainability Strategy will address include:



Land Use and Development

The City of Terrace is a regional centre in the northwest of BC and is in a stage of definition for future development. At this point in time, properly managing patterns of settlement and land use and controlling the impacts of development are critical to reducing GHG emissions and impacts on water quality and biodiversity for future generations.

Climate Change, Energy and Air Quality

The City of Terrace is one of more than 175 communities in BC that have signed the Climate Action Charter committing to becoming carbon neutral by 2012.

Success in GHG reduction is greatly enhanced through catalyst projects and strategic policies in local action plans. Catalyst projects exemplify new ways to create energy and move around without dependence on fossil fuels. These projects capture the imagination and build capacity inside local government and out in the community. They are replicable, and learnings can be extended to other activity. Strategic policies target key leverage points in an organization and lead to significant emission reduction opportunities.

Habitat and Biodiversity

Issues of importance for the management of habitat and biodiversity in the City of Terrace are maintaining the health of riparian and aquatic systems; protecting remnant natural areas (forests and wetlands) within the developed portion of the City; and the management of site-specific habitat features for wildlife and species at risk (e.g. nest trees).

Habitat and biodiversity may not be one of the top critical issues in the community because Terrace is surrounded by boundless wilderness. Nonetheless, it is important to consider how the needs of the City and the wastes it generates influence the surrounding environment; both for the sustainability of resource-based industries such as fisheries and to ensure continued access to pristine wilderness for recreational pursuits.



Water and Liquid Waste

Growth and development add pressures to water supplies and can affect the health and functioning of watersheds within the City as well as outside. Major factors to consider are water consumption, stormwater management and wastewater.

Terrace is working towards a lowered impact by introducing groundwater recharge where feasible as part of stormwater management. Terrace is also attentive to the effects of its sewerage system and will undertake a scientific study to ascertain if any significant contamination is entering the Skeena River.

Materials and Solid Waste

Management of materials and resources has far-reaching environmental impacts, both “upstream” (such as extraction and processing of resources for manufacturing) and “downstream” (such as pollution from waste disposal). Many of these impacts go beyond City boundaries and have some degree of global implication.

Terrace is looking for an increase in local industrial activities that practice sustainable resource management. There are recycling options available and the City is keen to enhance and improve waste management options. Working with commercial and industrial operations, the Regional District,

community members and stakeholders to not only minimize waste but begin to generate local value from reuse networks is a strategy that offers potential benefits that cross many sectors.

Economy

Often the least emphasized component of sustainability, the economy is the most far-reaching and influential component of human society. The ability to have a healthy and peaceful life relies on the means to afford it. Likewise the ability to work towards initiatives that will achieve broader sustainability objectives such as bike paths, energy efficient construction or localized renewable energy generation all require investment. A city is able to attempt larger scale projects if its population is prosperous and its tax-base is varied and strong.

This strategy investigates directions that will benefit Terrace's economy and recognizes the current limitations to achieving some goals related to the cost of the project.



Organizational Structure

Improving environmental performance and enhancing service delivery often depends on making subtle changes in organizational structure and process. Such changes facilitate the coordination of priorities across departments, driving priorities top- down, buy in from bottom-up, and ideally harness key stakeholders in the community.

The community outreach conducted during the development of this strategy has highlighted areas that Terrace can contribute towards either through staff duties, City lead actions, community leadership or political lobbying.

Governance and Policy

Many of our greatest sustainability challenges are not technical, they are institutional and behavioural. The organizational structure, governance model and policy structure of a local government has a strong influence on the success of sustainability strategies. Innovative policy, strategic partnerships with community groups and effective

negotiations with other levels of government can provide an environment that enables and motivates citizens to achieve a wide range of sustainable behaviours in their day-to-day lives.

This strategy identifies top priorities. A next step to integrate sustainability goals within the organization will be to set-up and implement strong sustainability management systems to identify ongoing opportunities. Target setting, indicator development, data collection and management, and continuous improvement protocols embedded in a strong governance system typify many highly successful sustainability strategies.

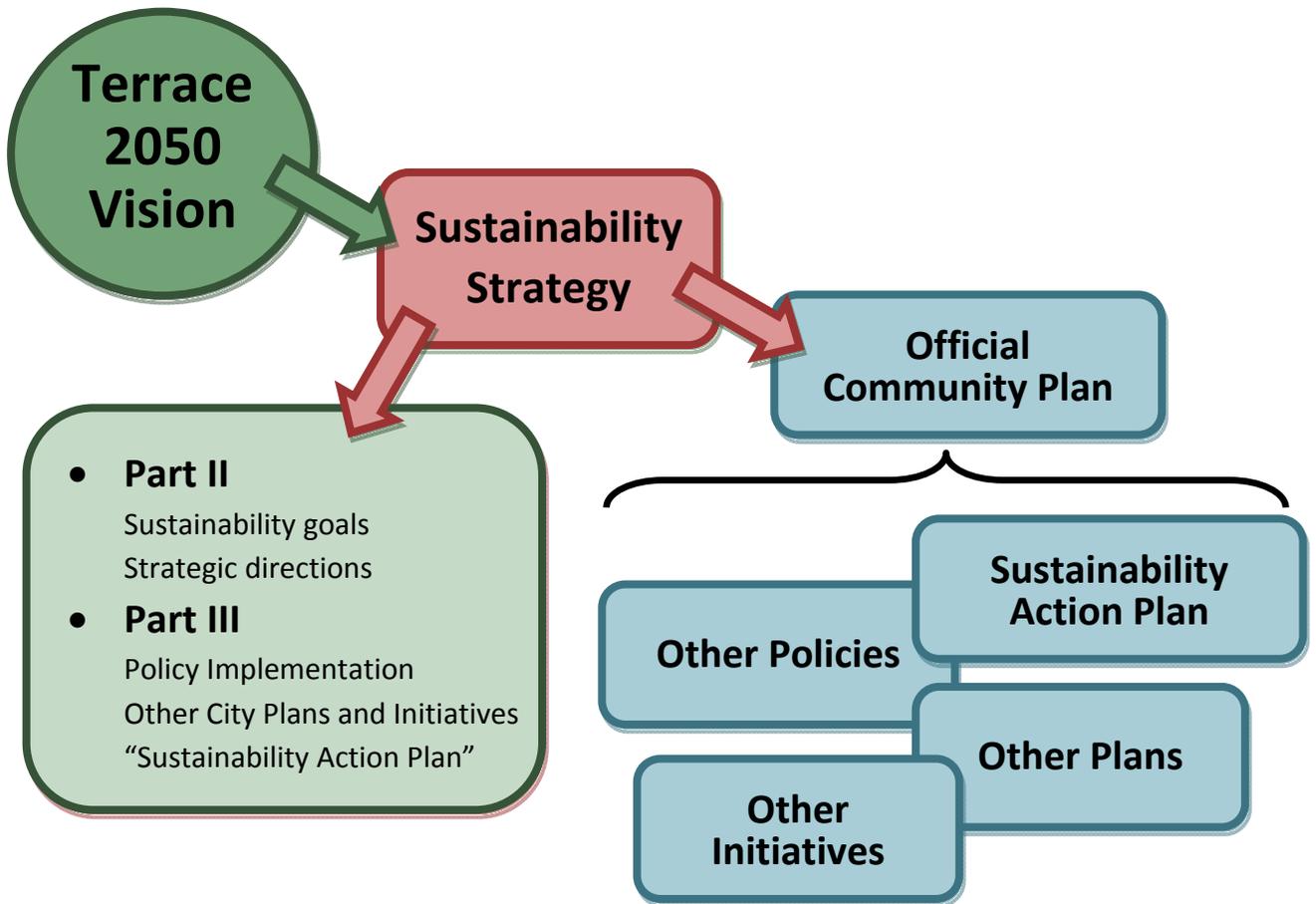
During the progress towards sustainable goals, it may become apparent that there exist some institutional barriers and that achieving some goals requires an adjustment of governance systems and the design of new policy. Governance barriers can include knowledge, training, job descriptions, incentives, inertia, existing policy and planning processes, procurement protocols, financial analysis and conventional financing tools, and general inertia.

A commitment to good governance – of which innovative and effective policy making is a part – is central to mainstreaming sustainability and achieving institutional alignment on sustainability strategies.



How will this be used?

This Sustainability Strategy will act as a guiding document to provide policy direction and coordinate community efforts toward a desired state of sustainability for the City of Terrace. This future vision is described in the text titled **A Vision for Terrace 2050** found at the beginning of this document.



The Sustainability Strategy will guide the update of Terrace’s **Official Community Plan (OCP)** by identifying what policies help to achieve the Terrace 2050 vision, what policies need to change and what new policies need to be added.

All subsequent policies, plans and initiatives will follow the direction of the OCP and the Sustainability Strategy.

The broader **Sustainability Goals** (Part II) are measures to live by. All policies and community initiatives should work towards achieving these goals.

The **Strategic Directions** (Part II) offer means to achieve multiple gains towards these sustainability goals. Each strategy has related objectives and actions.

Part III - **Policy Implementation** reviews the current OCP to highlight existing sustainable policies and suggest ideas for enhancement.

Part III – **Other City Plans and Initiatives** – suggests themes to cover in the Terms of Reference for upcoming plans and initiatives based on the guiding principles of the 9 Strategic Directions. Initiatives which require sequential action are identified.

Part III – **Sustainability Action Plan** lists ‘on the ground’ strategic initiatives that coordinate and integrate the community as a whole and identifies a steward to lead each action to fruition and a timeline with short term (1-3 years), mid-term (4-7 years) and long term (8-10 years) initiatives. This section describes the dynamic and influential work of Terrace’s Sustainability Task Force.

The **Sustainability Task Force** is the ‘go-to’ committee for the City and the community to make sure the circle of legislated leadership, staff action and community aspirations and activity continue to collaboratively build a more sustainable Terrace.

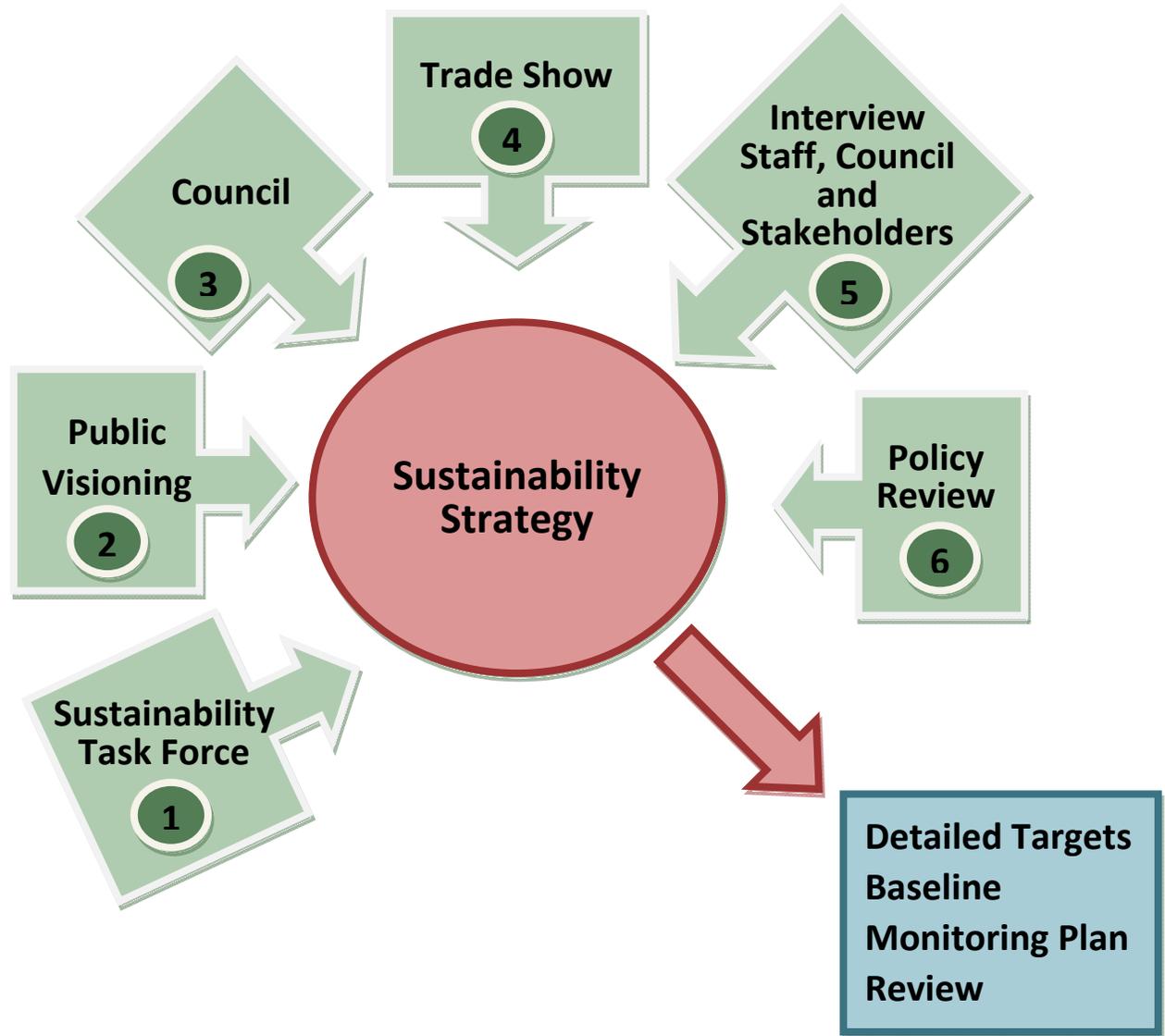
Specific **targets** to work towards will be generated both by the Sustainability Task Force and a series of other plans, policies and initiatives that are guided by this sustainability strategy and Terrace’s updated Official Community Plan.

The series of plans and initiatives that Terrace is planning to initiate in the near future:

- Official Community Plan Update
- Active Transportation Plan
- Community Energy and Emissions Plan
- Parks Master Plan
- Heritage Conservation Plan
- Housing Needs Assessment Study
- Kermodei Tourism Strategy

Monitoring of progress towards these detailed targets will be simple, efficient and focused. The details of this monitoring along with **baseline** values that describe the current situation will be developed in relation to the possible actions listed in Section 9.0 **Sustainability Action Plan**.

3.0 Building a Strategy



The Sustainability Strategy is built from multiple points of communication and collaboration and will continue to evolve to best suit the needs of Terrace. The strategy was initiated and is guided by the discussions and deliberations of the City of Terrace and the public, and will continue to come to fruition through collaboration and feedback from these groups.

The strategic directions set forth from multiple points of input will be confirmed with detailed targets and progress will be tracked based on comparison with baseline information.

Part II - Sustainability Vision



4.0 Sustainability Goals

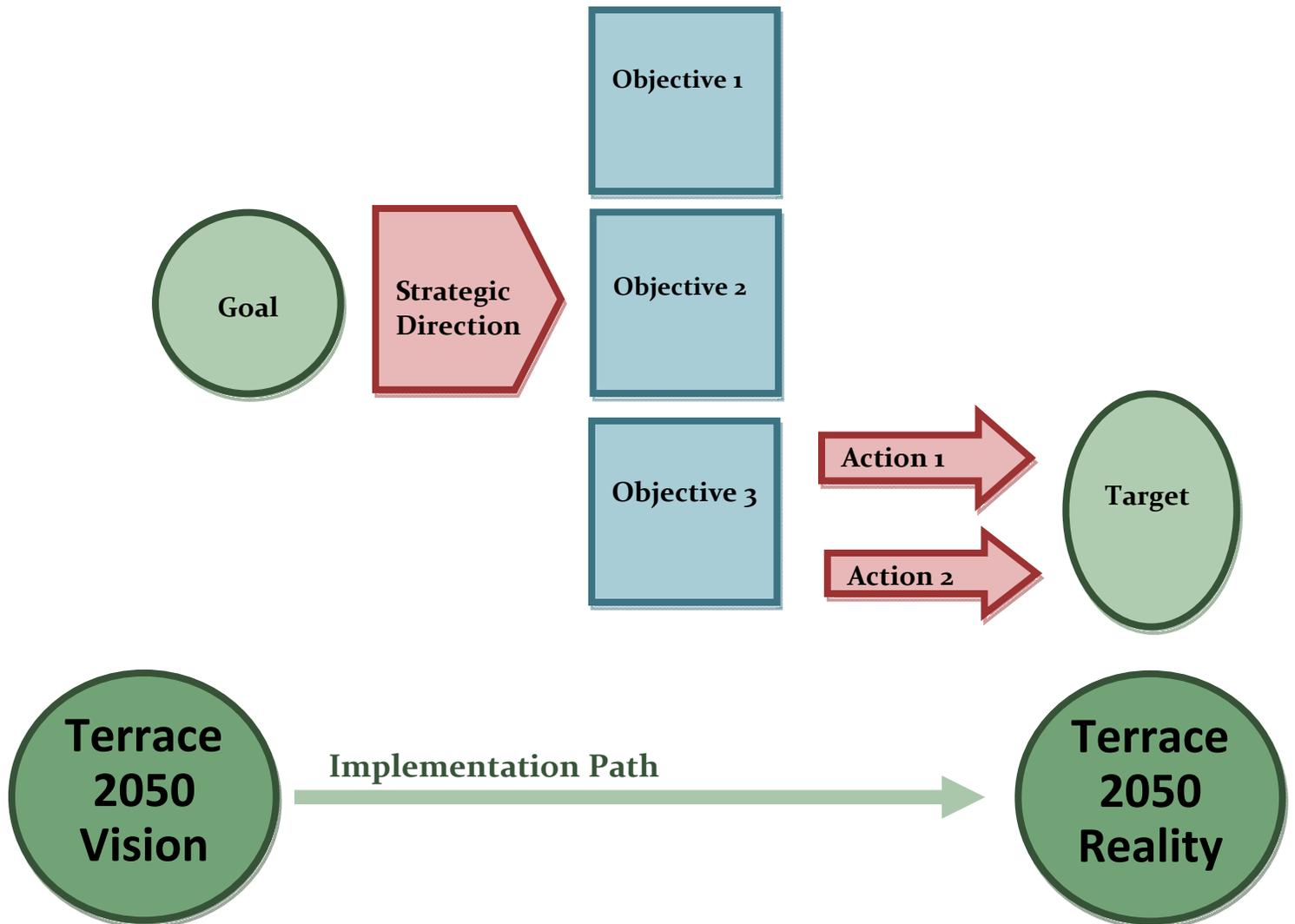
To make progress on community sustainability, it is imperative to address the fundamental aspects of life and living that will enable the community and its residents to function healthily and sustainably over the long term. The following fundamental sustainability goals will be applied to all aspects of community planning and development:

COMMUNITY HEALTH	Ensure healthy housing, food and the means to employment for all citizens.
LOCAL FOOD	Maximize the amount of food that is grown, raised and produced in Terrace.
PROSPEROUS ECONOMY	Enhance economic vitality and encourage local employment and small business opportunities.
ARTS & CULTURE	Integrate and foster the growth of local arts and cultural activities.
SENSE OF PLACE	Celebrate Terrace's history and culture and connect citizens through carefully planned public space.
EFFICIENT RESOURCE USE	Ensure adequate supply and quality of water. Practice careful use, reuse and recycling of all resource materials.
CLEAN ENERGY	Decrease dependence on fossil fuels and transition to local renewable energy sources.
SUPPORT NATURAL SYSTEMS	Integrate native natural vegetation within the city greenways and protect, preserve and enhance surrounding ecosystems.
REGIONAL CONNECTION	Continue to work with other northwestern communities towards regional self-sufficiency.

5.0 Future Efforts

The diagram below breaks down the steps needed to take a vision and make it reality. The community derived sustainability goals guided the formulation of 10 strategic directions. These strategic directions are areas in which local governments and communities can exert leverage to motivate change.

On the next page, listed under each strategy, is an example action that can help achieve a sustainability goal. In the next section of this report, each strategy is broken down into objectives. These objectives organize effort into practical activity in order to facilitate the development of workplans. Based on a local assessment of land use conditions, realistic targets can be set that identify the intensity of work needed to achieve each action.



Sustainability Goals	Community Levers								
	S1 – Nature as Identity and Outdoor Pursuit	S2 – Accessible Recreation and Social Well Being	S3 – Abundant Re-localized Food Systems	S4 – Water, Energy and Infrastructure Security	S5 – Diverse and Coordinated Economy	S6 – Compact Complete Neighbourhoods and Community	S7 – Visible and Vibrant Arts and Culture	S9 – Integrated and Active Transportation Network	S10 – Towards Zero Waste
COMMUNITY HEALTH	Access to greenspace	Community and recreation space in every neighbourhood	Community kitchens	Local energy source	Community programs for skills training	Affordable housing	Home for local arts co-operative	Shared-use bike program	Municipal recycling pick-up
LOCAL FOOD	Agriculture transition to wilderness	Community gardens	Promotion of farming	Geothermal green-house	Local dairy and live-stock	Rooftop gardens in multifamily housing	Food Festival	Pathways through farms	Municipal compost program
PROSPEROUS ECONOMY	Preserve Terrace Mtn.	Outdoor adventure tours	Local food featured in grocery stores	Local energy source	Eco-industrial complex	Live/work in residential centres	Local public art display	Bike rentals at tourist hub	New waste diversion business
ARTS & CULTURE	Market natural beauty	Outdoor festivals	Community gardens		Home for crafts/arts	Home-based business	Public art	Wayfinding and signs	Recycle art installation
SENSE OF PLACE	Nature in City	Community events	Food festivals	Local energy	Small businesses	Gathering centres	Place-making	Connected paths	“Free stores”
EFFICIENT RESOURCE USE	Conservation	Walk and bike before car	Local food source	Conservation	Eco-industrial complex	Telecommuting and carpooling	conservation art display	Walking /biking school bus	Market “Reduce”
CLEAN ENERGY	Wind and solar	Walk and bike	Local food source	Geothermal	Energy transfer	Multifamily housing	Energy art display	Connected downtown	Biowaste production
SUPPORT NATURAL SYSTEMS	Protected areas strategy	Maintain local skiing and hiking facilities	Plant fruit / nut trees	Conservation	Sustainable resource use	Integrate “green”	Native plantings	Regional bike routes	Reduce waste
REGIONAL CONNECTION	Forest access	Centre for tournaments	Health services	Local energy	Regional centre	Concentrate growth	Education	Base camp for NW bike tours	Regional recycling

6.0 Strategic Directions



Strategy 1 | Nature as Identity and Outdoor Pursuit

Importance:

The natural beauty surrounding Terrace is what draws many people to the city and why residents never want to leave. These same natural assets that draw people to the community help the community to be economically viable.

Accomplishments:

- City stewardship of community forest
- Lobby for maintenance of important forestry road networks
- Terrace Mountain recreational hiking and biking trails
- Compact growth pattern that preserves natural areas near town

Source raw materials conscious of visual impact and future needs; lobby for access to, and preservation of nearby outdoor destinations.



Opportunities:

Increase tourism related to outdoor recreation. Public recognition for innovative ecologically sound resource extraction practices.

Challenges:

Maintain access to the outdoors with dwindling forestry industry to maintain the roads. Benefit from resource extraction without diminishing the natural amenities that support wilderness recreation.



Objective 1.1 Improve community access to outdoor activities

Objective 1.2 Protect our natural environment

Objective 1.3 Sustainable economic development from natural resources

Relationship to other sustainability priorities:

- The careful stewardship of natural resources supports a Diverse and Coordinated Economy (Strategy #4).
- Maintaining access to the outdoors enhances Recreation Opportunities for All (Strategy #7).

Strategy 2 | Accessible Recreation and Social Well Being

Importance:

Rapid change in Terrace's local economy and growing interest in the community as a destination for amenity migrants has led to increasing social issues such as affordability, homelessness, high unemployment, an increase of low income households and 'left behind' minority groups. Going forward, prioritizing appropriate social infrastructure (programs, housing, services, etc.) and promoting greater cohesion between all citizens is critical to ensure a healthy community with healthy citizens. Multiple recreation opportunities support community health and connection and satisfy a critical need for youth activity options.

Accomplishments:

- Upcoming development of supportive housing for homeless and low income members of the community
 - An abundance of caring and active groups addressing social issues
 - Preservation of cultural assets and heritage buildings
 - Sportsplex Arena and Aquatic Centre
 - Grand Trunk Pathway
 - Spirit Square designs for George Little Park
 - Outdoor Basketball Courts
 - ferry island and Howe Creek Trails
 - Terrace Mountain Trails
 - Christie Park Soccer Fields
 - Bike Skills Park
 - Seniors Fitness Part - Act Now BC Grant
 - User Agreement between City of Terrace and Coast Mountains School District to use each other's facilities
-

Account for the social and recreational needs of all members of the community and take action on addressing the specific needs of children, youth, seniors and low income families as a priority.



Opportunities:

Terrace has a wealth of active groups who are effecting change amongst the most vulnerable members of the community. Supporting these groups and developing complementary programming and services would benefit ‘those slipping through the cracks’. Actively engaging all members of the community on local social challenges builds the understanding and compassion that is needed for inspiring greater community involvement and acceptance of prioritization of special programming and facilities.

There are many more opportunities to work together through strengthening existing networks and inter-agency type groups. Each and every connection is an opportunity to focus and embrace the diversity of people and perspectives that exist in an open and inclusive manner.

Opportunities for recreation infrastructure include the increase of pedestrian and bike paths through road construction and new development and potential facilities related to the coop property and abandoned millsite.

Challenges:

Low income, unemployment and low skills (in certain groups) and strained government coffers makes addressing social issues a very real challenge.

Cost of infrastructure and facilities. Develop a recreation plan and administration structure that will enable participation from people with a broad range of income levels.



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- Objective 2.1** Ensure a safe and secure environment for all members of the community
- Objective 2.2** Ensure the specific needs of children and youth are addressed in all aspects of community and social planning and development
- Objective 2.3** Promote community-based education and skills development programs and associated dedicated facilities
- Objective 2.4** Expand, develop and enhance all multi-purpose trails
- Objective 2.5** Make recreation affordable and accessible for all demographics
- Objective 2.6** Develop and promote arts, culture and heritage to better define the community's unique people and sense of place in the region
-



Relationship to other sustainability priorities:

- A healthy community is supported by healthy citizens. To ensure all citizens are healthy, basic needs must be met. Providing safe shelter, ensuring access to healthy food and creating opportunity for social interaction and learning are critical. (All Strategies support accessible recreation and social well being)

Strategy 3 | Abundant Re-localized Food Systems

Importance:

Terrace is currently remote from many food sources and localized food storage for grocery markets is enough for only 2-3 days. Many surrounding communities rely on Terrace for food supplies. Winter storms and other natural disaster events can cut-off supply networks and challenge food security.

Accomplishments:

- City land provided for Community Gardens
- Farmer's market with long history
- The Good Food Box program
- Northern Health Community nutritionist
- KSAN house geothermally heated greenhouse project
- Seedy Saturdays events
- Community Kitchens

Promote a highly productive food network that supplies Terrace and its neighbouring communities with a majority of their produce, meat, and dairy needs.



Opportunities:

Terrace was known as the “Okanagan of the North” for its fruit production capabilities. Historically agriculture was the #1 industry with ample produce, orchards and dairy farms. Fruit trees fair well, soil conditions are excellent and the Skeena offers a sufficient supply of water. Nearby natural resources and the knowledge of First Nations communities provide the materials and insight needed to harvest local plants and practice wild crafting. These First Nation communities also offer an experienced perspective from a long tradition of fishing and are well versed various methods of preserving.

Challenges:

Long cold winters with short daylight hours require substantial greenhouses to supply produce throughout the year.



Objective 3.1 Promote awareness of food security and educate people on gardening, food processing, storage and preparation

Objective 3.2 Increase local food production

Relationship to other sustainability priorities:

- The Saturday Farmer’s Market brings in hundreds of people locally, regionally and internationally and all these visitors contribute to a Diverse and Coordinated Economy (Strategy #5). In one morning survey a count of 2000 people was registered.

Strategy 4 | Water, Energy and Infrastructure Security

Importance:

Water and energy are essential resources needed for human settlement and the security of these resources can be increased through conservation, the enhancement of local sources and the maintenance of backup supply networks. Storm management and flood protection need to be carefully considered due to climate unpredictability.

Accomplishments:

- Redundant water supply wells
 - Replacement of outdated water and sewer pipes
 - Ongoing upgrade of roads to maximize stormwater management opportunities
-

Expand community infrastructure to provide a local resilient source for water and renewable energy and use these resources efficiently.



Opportunities:

Satisfy energy needs for the City locally and become a regional generator of energy through exploration of potential with renewable sources: geothermal, wind, in-river turbine, solar photovoltaic and biowaste. Construct additional water supply infrastructure. Ensure all future development allows for optimal infiltration of stormwater, (when possible given winter freezing conditions). Work toward a greater culture of water and energy conservation in Terrace at the municipal and residential levels.

Challenges:

Cost of engineering and infrastructure and the development of ownership and management strategies for new infrastructure. Need for redundant stormwater systems due to winter freeze and rain-on-snow events.



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- Objective 4.1** Promote local energy generation and low energy use
 - Objective 4.2** Protect and conserve City water
 - Objective 4.3** City of Terrace model energy conservation techniques and show leadership for community efforts
 - Objective 4.4** Work towards community energy self-sufficiency
-

Relationship to other sustainability priorities:

- Localized energy systems support a Diverse and Coordinated Economy (Strategy #5).
- Redundant and varied options for water supply respect the seasonal variations of water supply and the critical needs of Nature.
- Addition and replacement of road infrastructure plays a critical role in Accessible and Diverse Transit Options (Strategy #9).

Strategy 5 | Diversified and Coordinated Economy

Importance:

Currently the activities of the City of Terrace are supported by a predominantly residential and commercial tax-base. The historic support from large industrial forestry operations has been missing for a number of years. Further growth and improvements to the City require more economic activity.

Accomplishments:

- Downtown Plan prepared
 - Terrace Economic Development Authority
 - Sites available for development; (airport lands, millsite, coop property)
 - City owned community forest
 - Future connection to northwest transmission line
 - Downtown Business Improvement Area
 - Tourism 2% levy for overnight stays
 - Downtown Revitalization tax exemption for 5 years if > \$50,000 improvements or a residential development of > 10 units is completed
 - Numerous public events and festivals that draw outside visitors
-

Build a strong and stable local economy that includes entrepreneurial small business and a variety of medium-sized industrial companies. Ensure all citizens have the means to be a productive member of society.



Opportunities:

Terrace serves as a regional centre for services and education. The Gateway project in Prince Rupert will foster a strong connection to the world via shipping and rail. The City of Terrace is promoting the development of industrial lands near the airport and there are two other larger development possibilities with the abandoned mill site and coop property downtown. The local post-secondary institutions (Northwest Community College and University of Northern British Columbia) provide a range of technical training and much of the existing population has job ready skills. Existing relations with local First Nations communities favour the ability to work together towards coordinated economic opportunities.

Challenges:

Grow a diverse range of companies instead of the historic urge to chase large traditional industrial operation. Attract investors without significant amounts of available housing and unsecure amenities such as Shames Hill Ski Operations. Coordinate multiple small tenure forestry operations. Organize and present an integrated identity for Terrace. Provide opportunities for unemployed and homeless citizens to enter the workforce.

-
- Objective 4.1** Attract new businesses and investment with a focus on green and sustainable industry
 - Objective 4.2** Work with neighbouring First Nations and other communities to develop a coordinated and diversified economy
 - Objective 4.3** Support local businesses and promote entrepreneurial success
 - Objective 4.4** Increase the number of value-added business operations
 - Objective 4.5** Develop back to work training programs for homeless and unemployed
-



Relationship to other sustainability priorities:

- The creation of an integrated Terrace identity is closely related to an Integrated Visual Arts and Culture (Strategy #7).
- Terrace's local economy benefits from Nature as an Outdoor Pursuit and Resource Base (Strategy #1).
- Local prosperity can be gained through Regional Coordination (Strategy #5).



Strategy 6 | Compact Complete Neighbourhoods and Community

Importance:

Terrace is a city sized well for walking. From many areas you can walk to downtown in twenty minutes. At the same time, people drive their cars as a predominant means to get around; there is a lack of smaller residential units such as townhouses, apartments and studios; and residential life is still separated from other uses and needs.

Bringing more people into the downtown, offering a range of residential options and situating complementary retail, commercial and service oriented businesses close by will assist the development of pathways greenways and convenient public transit options. There is also a need for subsidize and supported accommodation.

Accomplishments:

- Housing Task Force
- Seniors housing development
- Secondary Suites Workshop and Report

Increase residential densities downtown and accompany with space for employment, retail and civic opportunities. Ensure all citizens have access to adequate housing.



Opportunities:

There are existing brownfield and development sites downtown (eg. coop property). There is a will to create more affordable housing and offer more housing choices and the land prices in town are reasonable for purchase and development. An aging population that may move into smaller housing options can precipitate the availability of other housing stock that can be converted to higher density options.

Challenges:

Attract more developers to build smaller higher density units. Provide subsidized and supported accommodation.



Objective 6.1 Promote infill development in already established areas and include more residential development in the downtown core close to shops

Objective 6.2 Provide housing for all with a range of options to address economic challenges, single occupancy needs, accessibility and assisted living for all ages

Objective 6.3 Ensuring green space is retained in new developments and that existing green space is maintained

**Relationship to other sustainability priorities:**

- The compact form of development increases the ability to provide Accessible and Diverse Transit Options (Strategy #9).
- Including denser residential development close to civic spaces and other amenities increases the participation possible in an Integrated and Visible Arts and Culture scene (Strategy #7).

Strategy 7 | Visible and Vibrant Arts and Culture

Importance:

The true sign of a vibrant community rests in its arts and culture. Through art and culture the people in Terrace get to know each other, express deeper meanings in life and develop a common identity. A significant amount of activity offers education and enjoyment for citizens.

This activity also offers a reason for visitors to come and stay. Increased visibility and integration of this scene will enliven the downtown; offer increased opportunities for youth to get involved and present an attractive cultural environment for business that want to relocate and offer a well rounded quality of life for their employees.

Accomplishments:

- Freda Diesling School of Northwest Coast Arts
 - Terrace Little Theatre and McCall Playhouse
 - REM Lee Theatre
 - River Boat Days Festival
 - Elders Gathering
 - Local Art Gallery in basement of Library
 - Clay artists of Terrace
 - Terrace and District Arts Council
 - Pacific Northwest Music Festival
 - Heritage Park Museum
 - Aboriginal Days
 - Spirit Square Revitalization
-

Showcase and encourage the many streams of local talent through public art, music and theatre festivals, and coordinated community events.



Opportunities:

Terrace has the longest running theatre troupe in BC, a successful First Nations fine arts program, a celebrated music festival, popular River Boat Days festival and diverse cultural base to draw from. Terrace's unique identity is already beginning to adorn public space in the downtown and beyond with timber and river rock features for way finding and event signage.

Challenges:

Integrate the diverse cultural offerings of Terrace without lessening the value of their uniqueness. Provide venues and space for the arts and cultural activity to occur. Coordinate and integrate the numerous activities. Increase post-secondary education opportunities.



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- Objective 7.1** Define Terrace's culture and identity
 - Objective 7.2** Establish / designate public spaces
 - Objective 7.3** Integrate community events and showcase local talent in arts and music
 - Objective 7.4** Work towards making Terrace a welcoming and inclusive community
 - Objective 7.5** Promote Terrace's unique cultural identity
-

Relationship to other sustainability priorities:

- A strong arts and cultural scene attracts businesses to the area and adds to the Diverse and Coordinated Economy (Strategy #5).
- An active, artistic community benefits Community Health (Strategy #2).

Strategy 8 | Integrated and Active Transportation Network

Importance:

In support of public health through active transportation and to reduce greenhouse gas emissions through a reduction in automobile use, accessible and diverse transit options play a critical role in a sustainable community. A large portion of energy needs and emissions produced are related to daily commutes and car-based errands. Lessening these trips and offering a variety of ways to travel through the city helps decrease community dependence on oil and helps to connect the community of Terrace.

Accomplishments:

- City bus system
 - Walkway and Cycling schedule in OCP
 - Grand Trunk Pathway project
-

Provide a network of safe and convenient pedestrian paths, bikeway and transit routes that lessen dependence on driving.



Opportunities:

Terrace is geographically suited for an active transportation network approachable by all abilities with a predominantly flat terrain. There are many possibilities for a highly attractive network with connections to the river, hills and mountains.

Challenges:

Cost of infrastructure and facilities. Connection between north and south Terrace across the highway and railroad tracks. Prioritize development and implementation.



Objective 8.1 Maintain a safe walking and cycling network of trails, paths and street routes that connect and provide access throughout the City

Objective 8.2 Promote an accessible and efficient public transit system with beneficial regional connections

Objective 8.3 Promote awareness and use of alternate transportation

Relationship to other sustainability priorities:

- Any transit options need to consider connection to Nature as an Outdoor Pursuit (Strategy #1).
- The creation of active transportation networks relies heavily on upgrades to Localized and Robust Infrastructure (Strategy #4).
- Diverse transit options are part of any Compact and Complete Community (Strategy #5).
- Active transit options are closely related to Recreation Opportunities for All (Strategy #8).

Strategy 9 | Towards Zero Waste

Importance:

One of the ways to lessen a community's footprint on the earth is through a prioritized application of the 3 R's; Reduce, Reuse and Recycle. Because of Terrace's remote location, any reduction in use of products and/or arrangement of local reuse networks will lessen its reliance on outside supplies and also lessen the cost associated with shipping recyclables to a distant processing centre.

Accomplishments:

- Opportunity to pay for private pickup service or drop off recycling
 - Fall and spring municipal pick-up of larger items
-

Practice conservation in the use of natural resources and ensure maximum diversion of materials from the landfill.



Opportunities:

Develop a localized recycling processing centre for the northwest. This could be a great business development opportunity.

Challenges:

It is a long distance to a diverse range of recycling options.
Cost of waste management operations.

Objective 10.1 Empower businesses and City operations to act as zero waste leaders

Objective 10.2 Endorse regional education on waste diversion and recycling

Objective 10.3 Make reusing and recycling accessible

Relationship to other sustainability priorities:

- The creation of local recycling centres and networks of reuse adds to a Diverse and Coordinated Economy (Strategy #5).
- The possibility of processing garbage in conjunction with biowaste for energy supports a Localized and Robust Infrastructure (Strategy #4).



Part III - Implementation

Translating a comprehensive vision and globally relevant sustainability goals to local action requires concerted effort of many parties and an organized approach that is attainable within the structure of local government and community organizations. The next page contains a graphical depiction of how an individual strategy acts as an organizing force to coordinate City policy and actions with community effort to achieve sustainable targets.

This implementation section:

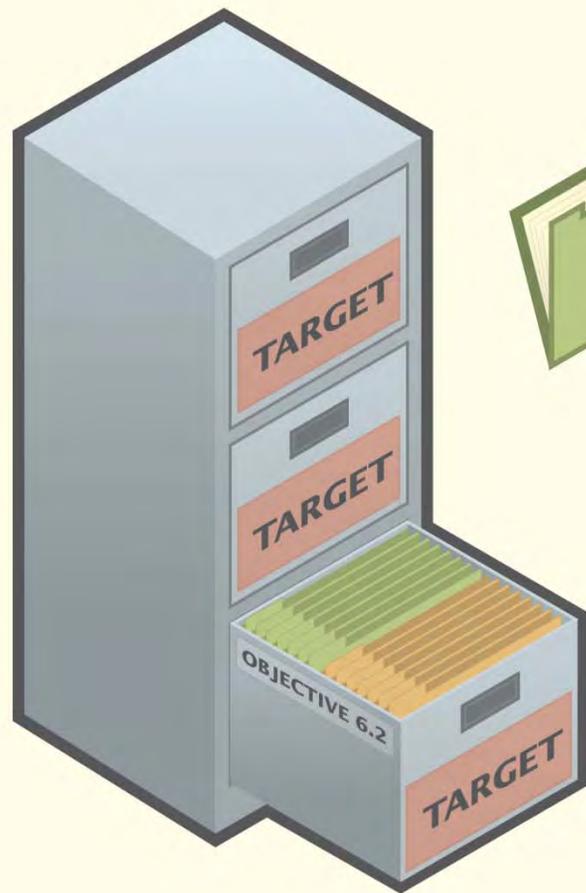
1. Identifies consideration for future City policy based on the 10 Sustainable Strategies
2. Presents a framework for the City and community to organize a collaborative program of actions and initiatives

The diagram on the next page, conceptualizes how each strategy can be broken down into achievable project pieces in organizational structure that offices are used to working in – a filing system. The success of a sustainability strategy is dependent on many different players taking charge of an “action” file and working towards a target at the same time as other groups are working on other “action” files towards the same target.

Although it is true that the City of Terrace will take a leading role through the development of proactive sustainable policies, lobbying other agencies, coordination and support; many more groups and individuals need to be involved and concerted action on each objective of each strategy is needed in order for targets to be achieved.

STRATEGY 6.0

Compact Complete Neighborhoods and Communities



OBJECTIVE 6.2 - Provide housing for all with a range of options

Target - Ensure housing stock matches the demographic and economic profile of Terrace residents

ACTIONS

A1
Local NGOs meet to coordinate efforts and report to City on housing stock needed

A2
NGOs and City lobby province to provide coordinated support to citizens in need

A1
Conduct a Housing Needs Assessment and develop an Affordable Housing Strategy

A2
Create policy to provide an accurate percentage of affordable housing

7.0 Official Community Plan Review

The existing OCP was reviewed in reference to each of the 10 Strategic Directions. A detailed listing of the review can be found in the appendix with some notes on specific policies. The next few pages contain general recommendations on structure in terms of how to rearrange policies into a new OCP format based on the thematic elements of the 10 Strategic Directions.

S₁ – Nature

S₂ – Health and Recreation

S₃ – Food

S₄ – Infrastructure

S₅ – Economy

S₆ – Community

S₇ – Culture

S₈ – Transportation

S₉ – Waste

Recommendations are also provided on specific policy adjustments and enhancements to consider.

In general the current OCP includes many policies that contribute to a sustainable future. Some of the more detailed statements would be best transferred to other more detailed plans such as a Protected Areas Strategy or a Parks Master Plan. There are new legislated components of an OCP that need to be addressed that weren't in existence previously: Greenhouse Gas Reduction Targets and Water Conservation Objectives.

The OCP will serve its purpose best if the text remains limited, covers the main objectives for land use and development and speaks clearly of Terrace's future vision with some supporting diagrams and visuals. Details and specifics related to contributing elements of the main objectives can be addressed in other planning documents.

Growth Management

Structure:

Maintain as introductory section and include a discussion on how to grow sustainably. The overall intent is to grow and at the same time become more self-sufficient locally, conserve energy and water, generate less waste and increase mobility by active means while decreasing personal car travel. It is important to emphasize that new approaches and concerted effort is needed in response to climate change, peak oil, etc.

Policy recommendations:

- Focus density towards downtown centre and neighbourhood centres
- Include promotion of local agriculture and energy generation
- Include reference to waste management
- Include reference to preservation of natural environment

Residential

Structure:

Organize policies related to density patterns and type of dwelling within strategy #6 Community. Move reference to design elements to a design guidelines section that addresses important physical features organized by density and location. Also move infrastructure details to strategy #4 Infrastructure and organize residential infrastructure details based on density and dwelling type. Include major sub-sections for downtown and neighbourhood centres.

Policy recommendations:

- Present residential zoning in a clearly identified spectrum of densities and identify a percentage of desired housing types within each zone

- Focus effort on identifying major elements needed for the downtown centre and neighbourhood centres; include a listing of amenities needed to create complete communities in each of these areas and also to satisfy the needs of less dense surrounding neighbourhoods
- Reconsider urban expansion areas or at least set conditions such that a minimum amount of density needs to be achieved in the downtown and neighbourhood centres before urban expansion is permitted
- Ensure an adequate density as well as Low Impact Development practices are in place before expansion of municipal infrastructure is permitted
- Update with new municipal infrastructure priorities or place this detail in another plan, such as City Operations 5-year plan
- Require a certain amount of personal greenspace and/or community garden space in multifamily developments
- Consider moving the urban containment boundary so rural residential lots are located outside
- Include assisted and supportive housing in range of housing choices
- Include reference to home-based businesses and adjust the intensity of use for live/work (i.e industrial vs. craft such as painting) depending on location
- Consider carriage houses in the lanes behind businesses for downtown mixed use areas

Commercial

Structure:

Organize commercial policies under strategy #5 Economy. Include major sub-categories for tourism, retail and service commercial. Include downtown mixed-use in this strategy. Include commercial from airport lands in this section.

Policy recommendations:

- Define centres of business activity and promote supportive retail operations. This follows the idea of designating precincts that include more than just the primary business activity. Precincts can also support retail and institutional activity based on the business that is there.
 - Tourism centre near coop property
 - Service commercial along hwy #16 as already defined
 - Shopping centre at current location
 - Restaurant/nightlife and entertainment in downtown close to tourism centre
 - Airport oriented commercial
- Develop a list of necessary components that are viable and helpful for neighbourhood commercial centres. The idea is to construct vibrant gathering centres.
 - Local grocers
 - Doctors, dentists other health services
 - Cafes, bookstore
 - Community centres/services
- Develop design guidelines specific to different business centres
- Consider developing existing shopping center with the creation of new small streets and kiosk that connect the mall with the larger surrounding streets

- Commit to developing plans for the old mill site and the coop property that include a mixture of uses
- Explore the idea of a business logistics centre related to the Prince Rupert Gateway project, train and airport transportation networks – possibility for downtown and airport

Industrial and Manufacturing

Structure:

Organize industrial and manufacturing policies under strategy #5 Economy. Include major sub-categories for light industrial, heavy industrial and resource extraction. Include airport industrial areas in this section.

Policy recommendations:

- Consider moving the heavy industrial potential from the millsite to the airport or at least concentrating the activity closer to the outskirts of town
- Promote commercial and residential mixed-use (including live/work) bridge areas through the millsite industrial zone to connect north and south Terrace
- Promote the concept of an eco-industrial park on the airport lands
- Phase development of the airport lands industrial area to allow for minimal initial infrastructure costs
- Develop conceptually transition plan for the gravel resources on the Kitsumkalum River (perhaps as a launching site for white water sports)

Subsection Airport Land Management

Structure:

Move respective policies to appropriate strategy sections (i.e. servicing to strategy #4 Infrastructure, transportation to strategy #9 Transportation, agricultural to strategy #3 Food, etc.). Include a specific sub-category to reflect the importance and uniqueness of the airport lands.

Policy recommendations:

- These are included in the review of other relevant sections (i.e. servicing, transportation and agriculture)

Community and Public Use

Structure: Include some policies in strategy #2 Health and Recreation, some in strategy #7 Culture and some in #8 Recreation.

Policy recommendations:

- Refine recreation needed based on results of Parks Master Plan (#8 Recreation)
- Consider a City wide Social assessment to look at services needed by each neighbourhood and the community as a whole (could be a series of interviews with community groups) (#2 Health)
- Investigate the Northern Drugs room in the shopping centre, the coop site and abandoned millsite as possible locations for community centres
- Develop a plan for a major auditorium that serves as a 250-300 seat performance centre as well as a conference centre (#7 Culture)
- Identify the need for a shared arts space (#7 Culture)
- List the type of facilities needed in downtown as well as neighbourhood centres
- Reference Public Arts Strategy (#7 Culture)

Parks

Structure: Move the majority of policies to strategy #2 Health and Recreation and some with reference to passive parks or conservation areas to #1 Nature.

Policy recommendations:

- Refine recreation needed based on results of Parks Master Plan
- Target some park features for passive recreation and protection of significant natural resources
- Emphasize possible community use of school district properties and facilities
- Prioritize local park acquisition and upgrades for neighbourhoods lacking facilities
- Ensure amenities and access are suitable for all ages and movement capabilities
- Consider the planting of edible vegetation

Natural Areas

Structure: Organize under strategy #1 Nature. Maintain similar sub-category organizational structure. Move contaminated sites policies to strategy #10 Waste.

Policy recommendations:

- Limit the amount of text in the initial ESA policy. The intent can be captured in less words and reference can be made to a more detailed Development Permit and the development of a Protected Areas Strategy that holds more detail
- Develop a Protected Areas Strategy that defines working relationships with other conservancy agencies, Ministry of Environment and Department of Fisheries and Oceans and clearly outlines conservation objectives and priorities
- Main point to convey is an assessment process for development in areas of environmental significance

- Move natural hazard details Development Permit section
- Revisit and update details for greenways network and coordinate with active transportation
- Consider the development of an Urban Forestry Strategy that includes the planting of fruit and nut trees wherever possible

Rural

Structure: Move some policies related to density and housing types to #6 Community. Organize the remaining policies under #3 Food. Add to food policies.

Policy recommendations:

- Develop Food Security Strategy
- Develop policy to encourage agricultural operations on land that is currently not in production either by the land owner or a farm operator
- Encourage locally absent agricultural activity such as livestock rearing and dairy operations
- Consider policy to allow chicken raising in areas throughout the city
- Develop policy to promote greenhouse construction

Utility and Transportation Infrastructure

Structure: Distribute policies between strategy #4 Infrastructure and strategy #9 Transportation.

Policy recommendations:

- Include sub-category on greenhouse gas reduction in both strategies with reference to the Community Energy and Emissions Plan.
- Include a subsection on water conservation goals within strategy #4 Infrastructure.

- Include mention of stormwater management source controls and active transportation route upgrades along with road upgrades (both strategies)
- Define transportation priority as walking, biking, bus and then car travel (# Transportation)
- Convey dedication to sourcing local energy with respect to investigating geothermal, in-river and wind generation potential (#4 Infrastructure)

Repeated section Airport Land Management

Structure: As mentioned previously, move policies to respective strategies. These are repeated from the industrial and manufacturing development section.

Additional Policies Waste Management

Structure: Include an additional policy section #10 Waste.

Policy recommendations:

- Mention collaboration with Regional District
- Consider cooperative development of a regional recycling centre at airport industrial lands working with the province, regional district and other northwest communities
- Commit to developing a municipal pick-up service for recycling and composting
- Work to develop a “free-store” or exchange station near the landfill where goods that are still useable can be left for free pick-up, the rest to recycling and the remainder to waste
- Discuss exploration of using biowaste for energy creation
- Develop City policy on plastic bags and promote the use of recyclable take-away containers for all restaurant businesses

8.0 Other City Plans and Initiatives

Terrace is embarking on a number of more detailed plans, assessments and initiatives in the immediate future. Each of these more detailed planning efforts is an opportunity to achieve specific goals related to the 10 Strategic Directions. These next few pages introduce the context of some of this upcoming planning work and identify specific actions that can further the progress towards the Terrace 2050 vision.

Active Transportation Plan

Typical Scope:

An active transportation plan conceptualizes a network of pathways along with source and destination infrastructure to foster non-vehicular movement throughout a city. An assessment of connection with public transit is considered along with accommodation for the needs of all citizens from all age groups with recognition of wheelchair access as well as specific destinations such as schools.

Existing Policy Context in Terrace:

In the OCP, there are map schedules and policy related to sidewalk and walkway plans as well as a city-wide bicycle network.

Features to achieve for Sustainable Strategies:

Nature	<ul style="list-style-type: none"> • Connection to access points for hiking and biking in the surrounding region • Respectful alignment with City streams and river systems to allow viewing without impact
Health	<ul style="list-style-type: none"> • Remedy any safety concerns for road crossings and lack of visual exposure • Ensure walkways and bikeways reach every community for equal active access to downtown, sports facilities and playing fields • Designate longer and steeper routes with countryside connection for avid cyclists and fitness enthusiasts
Food	<ul style="list-style-type: none"> • Connect community gardens with Active Transportation (AT) Network • Ensure farmer’s market and neighbourhood stores can be reached easily via the network
Infrastructure	<ul style="list-style-type: none"> • Improve sidewalk and bikeway connections with each road upgrade

	<ul style="list-style-type: none"> • Develop new subdivision standards that require pathway design along with road designs
Economy	<ul style="list-style-type: none"> • Connect a multi-use commuter bikeway to the airport industrial lands • Require bicycle infrastructure as part of any employment centre • Promote bike rentals at a tourism gateway adjacent to rail and bus terminals so tourists can experience Terrace without their car
Community	<ul style="list-style-type: none"> • Include bicycle facility requirements with all multifamily residential development • Include designs for walking and biking school bus routes to connect communities to their respective elementary and high schools
Culture	<ul style="list-style-type: none"> • Include specific designs for an urban promenade that provides wide sidewalk connectivity for downtown entertainment and restaurants and allows for sidewalk café arrangements • Integrate public art and Terrace specific wayfinding and signposts along all networks
Transportation	<ul style="list-style-type: none"> • Plan transportation networks with a priority for walking, cycling, public transit and then cars • Evaluate accessibility of city-wide sidewalk structure for wheelchairs, baby-strollers and senior scooters
Waste	<ul style="list-style-type: none"> • Maintain a network of garbage cans and recycling centres at connections and intersections • Promote municipal pick-up for recycling and compost to lessen car travel

Parks Master Plan

Typical Scope:

A Parks Master Plan (PMP), sometimes called a Parks and Trails Master Plan, considers the current conditions of parks and trails, assesses the needs and wishes of the citizenry and then composes a vision, suggests broad recommendations and identifies future projects. Future projects are mapped out in priority sequence of three phases within the next 20 years and the long-term future 20 years+ category. Each project contains information to quantify capital cost and describe the relevance of the work to community needs. Included in a PMP are suggested operational refinements specific to individual parks, cultural and environmental considerations and potential funding strategies to bolster the operational budget of a City or region.

Existing Policy Context in Terrace:

In the OCP, there are park policies that speak of citizen involvement and recreational needs, environmental concerns, sharing of facilities with the school district, use of City parks by neighbouring citizens, interest in significant nearby features such as Terrace mountain and a number of items related to specific parks and the needs of specific neighbourhoods.

Features to achieve for Sustainable Strategies:

<p>Nature</p>	<ul style="list-style-type: none"> • Develop designation for parks based on activity level and conservation needs • Inventory significant environmental features and refine programming and operations to protect these features
<p>Health</p>	<ul style="list-style-type: none"> • Designate some parks for night use with appropriate lighting • Prioritize park improvements and operations work to afford use by a full range of citizens in each neighbourhood and consider the ability to share school district lands

Food	<ul style="list-style-type: none"> • Include community gardens where appropriate • Increase the planting of edible vegetation
Infrastructure	<ul style="list-style-type: none"> • Explore the utilization of parks to satisfy stormwater management goals • Consider the creation of linear parks from under-utilized roads or key public space connections (i.e. limit car use and design wide park-like crossing on the road in between George Little Park and the SportsPlex)
Economy	<ul style="list-style-type: none"> • Promote the use of park facilities for festivals and outdoor recreation programming • Explore the feasibility of kayak and canoes launches from any river side park to promote outdoor adventure tourism
Community	<ul style="list-style-type: none"> • Identify strategic network of park acquisitions that could be gained and developed through development negotiations • Conceptualize a few different park configurations that could occupy portions of the abandoned millsite and the coop property
Culture	<ul style="list-style-type: none"> • Include public art and public art education programs in park system • Promote music, theatre and busking in specific parks
Transportation	<ul style="list-style-type: none"> • Minimize parking surface area through connection with Active Transportation network
Waste	<ul style="list-style-type: none"> • Maintain a network of garbage cans and recycling options at all parks

Housing Needs Assessment *(and Future Housing Strategy)*

Typical Scope:

A housing needs assessment is the preliminary step towards the development of a housing stock that suits the needs of a City’s demographic profile. Based on the results of an initial profile that assesses the needs of the population and current available housing, recommendations are developed for how to satisfy all housing needs.

Existing Policy Context in Terrace:

In the OCP, there are multifamily residential policies that encourage a variety of housing with reference to seniors and single persons. There is also a set of attainable housing policies that address the needs of seniors, single persons and families and suggests downtown urban residential as the appropriate zone for their accommodation. The OCP also speaks of City support for the development of not-for-profit housing on publicly-owned lands.

*This analysis also includes features relevant for a future housing strategy as that is the assumed next step of policy development.

Features to achieve for Sustainable Strategies:

Nature	<ul style="list-style-type: none"> • Use density bonusing to increase the possibility of affordable accommodation • Pursue a policy for minimum personal greenspace
Health	<ul style="list-style-type: none"> • Include two categories of affordable housing: (1) Assisted in terms of aiding financial needs and (2) supportive in terms of providing medical and counseling services • Ensure all assisted and supportive housing is within walking distance of recreational opportunities

Food	<ul style="list-style-type: none"> • Include community garden facilities either on roof or on commonly shared grounds in all multifamily developments • Promote the inclusion of community kitchens in assisted and supportive housing environments for their ability to provide healthy food and educate residents on healthy food preparation
Infrastructure	<ul style="list-style-type: none"> • Prioritize City infrastructure upgrades in order to enable the completion of new affordable housing projects
Economy	<ul style="list-style-type: none"> • Develop partnerships with local NGOs and the province with the goal of promoting private investment in assisted and supportive housing complexes • Assist NGO grant application for affordable housing projects with City support and a fast track of administrative process
Community	<ul style="list-style-type: none"> • Include and intermix a range of housing options in all new larger developments so there is no concentration of one demographic • Ensure all assisted and supportive housing is within walking distance of shopping needs and health services
Culture	<ul style="list-style-type: none"> • Incorporate design guidelines that contribute to an open architecture that includes common areas for congregation and socializing • Promote the inclusion of workshop, craft and educational areas for day-programming and the improvement of skills in assisted and supportive housing developments
Transportation	<ul style="list-style-type: none"> • Ensure accessibility for all mobility categories • Ensure ease of access to walkway and bikeway networks
Waste	<ul style="list-style-type: none"> • Require garbage cans, recycling centres and develop composting systems in all larger housing developments

- Arrange educational programs to train staff and residents in assisted and supportive housing environments on how to work towards a zero-waste development

Community Energy and Emissions Plan

Typical Scope:

A Community Energy and Emissions Plan engages City staff, politicians, influential stakeholders and the community in the education of what can be done towards climate protection and sustainable energy generation, what targets should be set, what policies need to be adopted and what actions need to be taken. The range of sophistication depends on the amount of quantitative modeling involved and the level of detail that defines targets at different milestones into the future. In each plan, there will be a baseline assessment completed with help from the province or from work done specific to local situations. An action timeline will be developed to reach future OCP targets and the implications may require extensive organizational restructuring and policy redevelopment.

Existing Policy Context in Terrace:

In the OCP, there is no mention of community energy and emissions. It is a new policy topic for most local governments. Discussions and deliberations are active with Terrace staff, council and citizens.

Features to achieve for Sustainable Strategies:

Nature	<ul style="list-style-type: none"> • Benefit from the natural benefits of the local environment for local energy sources: geothermal, in-river turbines, small scale wind energy, solar hot water and photovoltaics
Health	<ul style="list-style-type: none"> • Consider the needs of all citizens with respect to adaption to climate change and broadcast

	<p>interventions such as street trees for micro-climates and local energy to the whole city, especially those areas that are currently lacking</p> <ul style="list-style-type: none"> • Ensure a distribution of recreational facilities that facilitates access for the majority of the population without needing to drive
Food	<ul style="list-style-type: none"> • Increase the percentage of locally produced food to lessen the reliance of fossil fuel food distribution and increase security from climatic conditions that may decrease production in traditional source areas • Encourage innovative greenhouse operations that do not require energy inputs (eg. KSAN House geothermally heated greenhouse project)
Infrastructure	<ul style="list-style-type: none"> • Consider district heating systems for larger developments, areas of the downtown and denser neighbourhood centres • Encourage local sourcing of renewable energy • Encourage new models for innovative rainwater harvesting and treated water re-use • Develop a system of public lighting and signals that derives some energy from solar power
Economy	<ul style="list-style-type: none"> • Explore industrial partnership that include alternative energy production and sharing of energy resources • Promote localized renewable energy production to serve the airport industrial lands
Community	<ul style="list-style-type: none"> • Encourage solar hot water as well as solar photovoltaics and small scale wind turbines for electrical energy in all residential construction developments • Develop green building standards for all forms of construction to minimize energy consumption • Promote retrofit campaigns to minimize heat loss
Culture	<ul style="list-style-type: none"> • Increase awareness through commissioned art pieces that explore issues of climate change

	<ul style="list-style-type: none"> • Promote conferences and/or symposiums that investigate issues of climate change
Transportation	<ul style="list-style-type: none"> • Limit road widths and expand pathways and sidewalks to encourage a shift from car use • Consider the development of a smart electrical grid to service a future fleet of electrical cars and buses • Construct larger bikeways and multi-use pathways on major roads to allow for an increase in cycle commutes and travel
Waste	<ul style="list-style-type: none"> • Partner with the Regional District to explore options for energy production from biowaste • Explore options to generate energy from anaerobic digestion of municipal sewage • Explore options to use heat from wastewater effluent for potential nearby industrial use or the heating of greenhouse operations

Heritage Conservation Plan

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Typical Scope:

A Heritage Conservation Plan (HCP) is a document enabled by legislation that empowers a local government to define and protect any physical, cultural or social resource that is valued by the local community and can be passed down from generation to generation. An HCP accomplishes many things including; improved community self-awareness, protection of significant resources, identification of potential revitalization projects, the promotion of unique features to support tourism and other commercial ventures and background information for the acquisition of funding.

Existing Policy Context in Terrace:

In the OCP, there is mention of environmental and cultural heritage with specific reference to local First Nations. The connection and tie with past industrial heritage is mentioned in the design guidelines section. Specific buildings, locations or archaeological sites are not referenced in detail.

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Features to achieve for Sustainable Strategies:

<p>Nature</p>	<ul style="list-style-type: none"> • Identify key environmental features and/or landscapes that have historical and cultural value for First Nations and early settlers
<p>Health</p>	<ul style="list-style-type: none"> • Explore with different community groups any specific physical features, artifacts or stories that need to be collected to root their community as a founder of Terrace • Hire a social historian to interview seniors in Terrace that can convey stories and potentially artifacts of Terrace’s history – these stories can connect people to their hometown with deeper meaning • Identify with appropriate plaques the first dedicated public spaces and describe their historic uses

Food	<ul style="list-style-type: none"> • Conduct a research inventory with First Nations in regards to traditional hunting, fishing and wild food gathering areas • Consult with seniors on historic locations for agriculture and farming and identify any remaining structures that could be historical landmarks • Compose a handbook that details different ways that early settlers ‘put food by’ in terms of preserving fresh fruit and produce for winter months
Infrastructure	<ul style="list-style-type: none"> • Compose the story of when the first power and water service came to Terrace and describe how First Nations and early settlers supplied these needs without modern connections
Economy	<ul style="list-style-type: none"> • Develop marketing campaign for First Nations and early settler heritage as a tourism draw • Commission a story book of the economic history of Terrace and connect this history with future directions to portray the hard working, self-sufficient character of the City
Community	<ul style="list-style-type: none"> • Identify significant buildings and built features, protect and revitalize these to maintain a physical connection to history • Encourage sign posts that describe memorable historical happenings in neighbourhoods throughout the City
Culture	<ul style="list-style-type: none"> • Install First Nations art in places throughout Terrace that were used for ceremonial or other significant reasons • Maintain and restore historical architectural features and encourage streetscape design that highlights these features
Transportation	<ul style="list-style-type: none"> • Identify with signage segments of the first road networks and describe their functionality (mainly in the downtown area for tourist interest) • Identify significant historical happenings that may have occurred along or within the riverways

Waste

- Within a waste management campaign, include a story vignette of how First Nations and early settlers stored, kept and transferred goods without plastics and take-away containers
- Also include a historical description of the waste profile of First Nations and early settlers and how they dealt with recycling and disposal

9.0 Sustainability Action Plan

Strategic policy sets the direction for land use and activity to unfold in a sustainable context, but policy alone cannot achieve all sustainability goals.

This next section contains the details of the action folders as seen in the graphical depiction of Strategy #6 Compact and Complete Neighbourhoods and Communities on page 46. In order for an action to be successful and work in conjunction with the other actions under each objective to achieve a target, each action must have a steward, partners and a timeline.

This section of the Sustainability Strategy is dynamic and will be completed, mentored, reviewed and updated by the City of Terrace with help from the Sustainability Task Force. This index of sustainable actions is the backbone of a sustainability action plan and its fruition is achieved through collaborative work, perseverance and refinement by the community of Terrace and regional partners.

Strategy 1

Nature as Identity and Outdoor Pursuit



Photo credits: Brad Pollard



Objective 1.1	Improve community access to outdoor activities.		
	Possible Actions	Possible City Partners	Timelines and Target Completion
	Support Shames Ski Hill as a part of Terrace's outdoor identity and maintain it as a viable and sustainable destination that is accessible to the local community	Regional District / Kermodei Tourism / Ski Hill Owners and Administration / TEDA	Short term
	Continue to develop an accessible trail systems and supportive infrastructure such as a summit centers and signage for nearby recreational destinations	Provincial Ministry / Kermodei Tourism / TORCA/ Hiking Club / Guides and Outfitters	Ongoing – Short term
	Lobby for continued maintenance of critical forestry roads which are used for outdoor access, to ensure continued public access	Forest Ombudsmen / Parks Master Plan / Regional District / community forest / Guides and Outfitters	Ongoing – Short term
	Promote and support greater utilization and enhancement of nearby hot springs	Active Transportation Plan / TEDA / Mount Layton Owners	Medium term

Objective 1.2	Protect our natural environment.		
	Possible Actions	Possible City Partners	Timelines and Target Completion
	Develop policy that recognizes and preserve our watersheds which support fisheries and the salmon population	Skeena Wild / Northwest Watch	Ongoing – Short term
	Develop and adopt a pesticide use restriction bylaw for the City of Terrace to encourage healthier lawns and green spaces for all residents	Province of BC / Regional District / City of Terrace	Ongoing – Short Term
	Develop and adopt a heritage tree significant tree protection bylaw	Northwest Community College / Forestry Partners	Short Term
	Create an Urban Forestry Management Plan	In-House / Northwest Community College / Forestry Partners	Short Term
	Work with the regional district and other land holders to maintain significant viewsapes and natural areas	Ministry of Forests / Ministry of Environment / Integrated Land and Resource Branch	Medium Term

Objective 1.3	Sustainable economic development from natural resources.		
	Possible Actions	Possible City Partners	Timelines and Target Completion
	Identify significant features that contribute to the success of the outdoor recreation industry	Kermodei Tourism / Outdoor Recreation Clubs / Outfitters	Ongoing – Short term
	Identify and support potential job and business opportunities to capitalize on our outdoor amenities, through a community based lens	TEDA / Community Futures / Nisga'a / SNDS / Kitselas / Kitsumkalum / Kermodie Tourism	Ongoing – Short Term
	Increase opportunities for community to connect with after forestry operations	Terrace Community Forest, local First Nations	Short Term

Strategy 2

Accessible Recreation and Social Well Being



Photo credits: Tara Irwin (above), Carmen Didier (right)

Objective 2.1	Ensure a safe and secure environment for all members of the community.		
	Possible Actions	Possible City Partners	Timelines and Target Completion
	Interview a variety of community members to assess areas of concern in terms of safety and security and continue to revitalize these less favorable spaces. Apply Crime Prevention Through Environmental Design (CPTED) principles.	NGOs	Ongoing – Short term
Objective 2.2	Ensure the specific needs of children and youth are addressed in all aspects of social planning and development.		
	Possible Actions	Possible City Partners	Timelines and Target Completion
	Conduct a play-zone assessment to see how to integrate play into civic areas	NGOs/School District	Short Term
	Utilize existing community professionals to involve/train youth on how to review and advise council on development and planning designs, as well as others aspects of community planning	In-House	Ongoing – Short Term

Objective 2.3	Promote community-based education and skills development programs and associated dedicated facilities.		
	Possible Actions	Possible City Partners	Timelines and Target Completion
	Implement more community-kitchens programs and help with outreach and advertising	Northern Health / NGOs	Short Term
Objective 2.4	Expand, develop and enhance all multi-purpose trails.		
	Possible Actions	Possible City Partners	Timelines and Target Completion
	Prioritize additions to the pedestrian and bike networks to include areas and communities not currently connected	Transportation Working Group / Bike shops and sports stores	Ongoing – Short Term
	Ensure connection from the downtown to river pathways and trailheads for out of town hikes	Transportation Working Group / Bike shops and sports stores	Short Term
	Ensure safe connections from downtown to Southside and Thornhill for pedestrians	Transportation Work Group / Bike shops and sports stores	Short Term – Medium Term
Objective 2.5	Make recreation affordable and accessible for all demographics.		
	Possible Actions	Possible City Partners	Timelines and Target Completion
	Establish a greenspace plan (Parks Master Plan) that accommodates all forms of recreation from biking and	Regional District / NGOs	Short Term – Medium Term

	hiking to organized sports and Frisbee golf		
	Research and consider implementing a pricing policy and system that allows people with all ranges of incomes to use indoor recreation facilities	In-House and Province	Short Term – Medium Term
	Increase inner city recreation opportunities with basketball hoops, playing field and a skate park	City Youth Council / Rotary Club	Short Term
Objective 2.6	Develop and promote arts, culture and heritage to better define the community's unique people and sense of place in the region.		
	Possible Actions	Possible City Partners	Timelines and Target Completion
	Develop a Public Art Strategy (include more banners and connection with other community service groups)	Local Arts Council / Art Gallery	Ongoing – Short term
	Highlight contributing artists and how they convey a Terrace identity via City of Terrace website and in brochures	Kermodei Tourism	Short Term
	Foster the development of local arts education, increase summer youth programs and work towards a building that can accommodate artist training workshops and production	City/Local arts groups	Medium Term

Strategy 3

Abundant, Re-localized Food Systems



Photo credits: Pete Bradley



Objective 3.1	Promote awareness of food security and educate people on gardening, food processing, storage and preparation.		
	Possible Actions	Possible City Partners	Timelines and Target Completion
	Continue to make and encourage underutilized land be made available for community agriculture and gardens	Northern Health	Ongoing – Short Term
	Encourage and support a public not for profit food processing facility or space	KSAN Society / NGOs	Short Term
	Develop a Northwest food calendar detailing when to plant and harvest – include community events that are focused around food production and security	Farmers Market / Greater Terrace Beautification Society	Short Term
	Include a local food purchasing policy as part of the City’s overall green purchasing policy	In-House	Short Term
	Support an increase in community kitchens and life skills training focusing on healthy food planning, purchase and preparation	Northern Health / NGOs	Medium Term

Organize festivals surrounding local and regional food offerings such as salmon and other foods that may have been traditionally gathered by First Nations	In-House / Farmers Market	
Introduce gardening and other food skills into the classroom at all age levels	Education Promotion Portfolio / Regional Health / School District / Regional District /	Medium Term

Objective 3.2	Increase local food production.		
	Possible Actions	Possible City Partners	Timelines and Target Completion
	Create a permanent home for the Farmer's Market	In-House / Farmer's Market	Ongoing - Short Term
	Look into the viability of a year round market selling local food products	Farmer's Market / Chamber of Commerce / Kermodei Tourism	Short Term
	Continue to support gardens at school programs and initiatives	School Board / Local gardening groups	Ongoing - Short Term
	Develop Terrace and Area food Council to coordinate, enhance and support the community and regional food network	Northern Health / Food NGOs	Short Term - Medium Term
	Adopt a 'made for Terrace' Food Charter	Northern Health / Food NGOs	Short Term - Medium Term

Strategy 4

Water, Energy and Infrastructure Security



Photo credits: Tara Irwin



Objective 4.1	Promote local energy generation and low energy use.		
	Possible Actions	Possible City Partners	Timelines and Target Completion
	Create policy of reduced permit costs or fast-track permit reviews to provide incentive for energy conservation through green building technology in commercial and residential buildings	In-House Policy	Short Term
	Encourage all homeowners to participate in Natural Resources Canada's ecoENERGY Retrofit program and other opportunities, through educational workshops and support in promotion	Provincial and Federal programs / Local media	Short Term
	Promote solar hot water heating for residential and commercial buildings	SolarBC	Short Term

Objective 4.1	Promote local energy generation and low energy use.		
	Possible Actions	Possible City Partners	Timelines and Target Completion
	<p>Enhanced outreach and education around sustainable water use, including stewardship, conservation technologies and incentives. These are detailed below:</p> <p>Incentives for rain barrels and pilot a rain barrel program along the Grand Trunk Pathway</p> <p>Education/Incentives for low flush Toilets and Showerheads</p>	In-House	Short Term
	Promote landscaping standards and practices -for both commercial developments and private residents - that maximize community water management and conservation objectives	In-House	Short Term
	Raise awareness regarding Pesticide bylaw to decrease possibility of water contamination through cosmetic residential pesticide use	In-House	Short Term
	Explore in-river slow turbines, geo-exchange and biowaste as future potential energy sources	Northwest Science and Innovation Society (NSIS) / TEDA / Community Futures	Medium Term
	Look into requiring geo-exchange systems for all new residential developments	NSIS / Local developers	Medium Term

Objective 4.2	Protect and conserve City water.		
	Possible Actions	Possible City Partners	Timelines and Target Completion
	Design awareness and outreach campaign around Stormwater management perhaps using public art techniques on storm drains	School groups / Local artists	Short Term
	Research possibility of water metering at the municipal level for residential and commercial buildings	In-House	Medium Term

Objective 4.3	City of Terrace model energy conservation techniques and show leadership for community efforts.		
	Possible Actions	Possible City Partners	Timelines and Target Completion
	Actively participate in existing provincial and federal programs, and look at developing a local energy reduction challenges to increase awareness	In-House	Ongoing
	Implement policy to transition all wood burning stoves to high-efficiency models	In-House	Ongoing
	Adopt higher development standards for energy and water conservation as part of an overall sustainable development/green building strategy	In-House	Ongoing - Short Term
	Maximize stormwater infiltration with all new subdivision developments through requiring a minimum cover (percentage) of permeable surfaces	In-House	Short Term
	Install rain barrel pilot project and water capturing systems in locations where residents can observe the results (Pilot project)	In-House	Short Term

<p>In response to the provincial regulations that will require purple pipes in new construction as of 2010; develop policy that promotes rainwater catchment and use, explore conceptual models for wastewater reuse to serve agricultural, industrial or other needs</p>	<p>In-House</p>	<p>Short Term</p>
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<p>Objective 4.4</p>	<p>Work Towards Community Energy Self-sufficiency.</p>		
	<p>Possible Actions</p>	<p>Possible City Partners</p>	<p>Timelines and Target Completion</p>
	<p>Partner with local developer</p>	<p>TEDA / Forestry Partners / Electric Utility Company</p>	<p>Medium Term-Long Term</p>

Strategy 5

Diversified and Coordinated Economy



Photo credits: Tara Irwin



Objective 5.1	Attract new businesses and investment with a focus on green and sustainable industry.		
	Possible Actions	Possible City Partners	Timelines and Target Completion
	Refine marketing plan to identify desired business investors	TEDA	Short Term
	Support local post-secondary institutions to market the skills of Terrace’s labor force	Community Futures / UNBC / Northwest Community College / NSIS	Short Term
	Promote eco-industrial networking where one business uses the waste from another business	TEDA / Regional District	Short Term - Medium Term

Objective 5.2	Work with neighboring First Nations and other communities to develop a coordinated and diversified Economy.		
	Possible Actions	Possible City Partners	Timelines and Target Completion
	Develop a coordinated regional strategy to approach the Province for funding in support of northwest economic development	TEDA / Regional District / Northwest Communities	Ongoing
	Develop a series of economic forums from the success of northern 'Community to Community' forums and include local businesses and owners of resource lands in the discussion.	TEDA / Regional District / Northwest Communities	Medium Term
Objective 5.3	Support local businesses and promote entrepreneurial success.		
	Possible Actions	Possible City Partners	Timelines and Target Completion
	Streamline application and development requirement to encourage small businesses to succeed	In-House	Short Term
	Work with provincial opportunity funds to build businesses related to wood from the pine beetle kill trees	TEDA / Ministry of Forests	Short Term

Objective 5.4	Increase the number of value-added business operations.		
	Possible Actions	Possible City Partners	Timelines and Target Completion
	Include business planning for high school students and develop a mentorship program that connects youth with small business dreams with small business owners that can support and advise	School District / Youth Council	Medium Term
	Explore opportunities that may have evolved from the Gateway project for Terrace to act as a logistics center	In-House / TEDA / Chamber of Commerce	Medium Term
	Develop a buy local campaign to highlight opportunities to buy goods from local producers	TEDA / Famer’s Market / Regional Health	Short Term

Strategy 6

Compact and Complete Communities



Photo credits: Tara Irwin (above), Molly McNulty (right)

Objective 6.1	Promote infill development in already established areas and include more residential development in the downtown core close to shops.		
	Possible Actions	Possible City Partners	Timelines and Target Completion
	Continue to direct housing to the downtown and neighborhood centres	In-House	Short Term
	Introduce innovative planning policy to encourage a higher percentage of smaller lots, small-size rental properties, mother-in-law suites, townhouses, affordable condominiums, strata options and commercial buildings that include residential use	In-House	Ongoing – Short Term
	Accompany increased residential density with increased greenspace	In-House	Ongoing
	Establish policies to direct funded affordable housing to the downtown in a high-density form, while ensuring a good mix of housing types	In-House	Ongoing
Objective 6.2	Provide housing for all with a range of options to address economic challenges, single occupancy needs, accessibility and assisted living for all ages.		
	Possible Actions	Possible City Partners	Timelines and Target Completion
	Local NGOs meet to coordinate efforts	NGOs	Ongoing

and report to City on housing stock needed		
NGOs and City lobby province to provide coordinates support to citizens in need	NGOs	Ongoing
Conduct a Housing Needs Assessment and develop an Affordable Housing Strategy	In-House	Ongoing – Short Term
Create a policy to provide an accurate percentage of affordable housing	In-House	Short Term

Objective 6.4	Ensure existing green space is retained in new developments and that existing green space is maintained.	
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Strategy 7

Visible Arts and Culture



Photo credit: Brad Pollard



Objective 7.1	Define Terrace's Culture and Identity.		
	Possible Actions	Possible City Partners	Timelines and Target Completion
	Develop a strategy for engagement of community to answer the question "What is Terrace to you?" – surveys, forums, art contest, events, etc.	Community Groups / School District	Ongoing-Short Term
	Compile recently conducted community surveys (5 years and newer) that looked at what people value about Terrace; look at Terrace's history, demographics, etc.	Community Groups	Short Term
	Develop an identity and brand that will reflect local history, cultural mosaic, talents & opportunities, natural beauty, current focus	TEDA / Community Input	Short Term
Objective 7.2	Establish and designate public spaces.		
	Possible Actions	Possible City Partners	Timelines and Target Completion
	City to proceed with building a café/centre as part of the Spirit Square re-design of George Little Park – this space is to be developed into a social enterprise that would serve as a place to meet, learn interact, find out what's going on, etc.	Community Groups	Ongoing – Short Term

Encourage accessibility of empty spaces for community events.	In-House / Community groups	Short Term
Design other informal meeting places in association with plazas, parks and walkways.	In-House	
Work towards healthy multi-purpose development of the Co-op property that would serve both as a public plaza and tourism hub following the integration of the four pillars of sustainability (economy, environment, culture and social aspects of life)	In-House / TEDA / Community	Short Term – Medium Term
As part of any new larger development, ensure the dedication of an auditorium space (250 seats) that can be used for meetings, conferences, larger performances and summer arts programs like Vancouver’s Arts Umbrella and Wells’ Summer Arts School	In-House	Medium – Long Term

Objective 7.3	Integrate Community Events and Showcase Local Talent in Arts and Music.		
	Possible Actions	Possible City Partners	Timelines and Target Completion
	Develop an increased role for Terrace & District Arts Council to coordinate art & culture events.	Terrace and District Arts Council (TDAC) / Community groups	Short Term
	Develop a community calendar – encourage collaboration in filling the calendar with events and festivals, hosting regular annual events that are promoted outside of Terrace. Businesses, schools and residents are encouraged to participate in each specific event – shop windows, public events, contests, lecture series, etc.	TDAC / Community groups / Downtown BIA	Ongoing - Short Term
	Add to the adjudicated spring music festival (Pacific Northwest Music Festival) a series of public concerts that increase the visibility of Terrace and its arts scene (see above)	In-House	Ongoing – Short Term
	Promote the development of a music program at Northwest Community College to build on the natural talent of Terrace	Northwest Community College	Medium Term
	Display youth art seasonally throughout the City and not just in the	Art Gallery / Local artist groups	Short Term

	gallery below the library		
Objective 7.4	Work towards making Terrace a welcoming and inclusive community.		
	Possible Actions	Possible City Partners	Timelines and Target Completion
	City to model principles of “unity in diversity” throughout policies, all departments, public events, etc.	Community groups / Chamber of Commerce / CMSD / Kitselas and Kitsumkalum First Nations /Kermodei Friendship Society / Rotary	Short Term – Medium Term
	Support anti-racism and cross-cultural education programs, events and festivals that promote increased understanding of diversity	Community groups / Chamber of Commerce / School District / Kitselas and Kitsumkalum First Nations / Kermodei Friendship Society	Short Term – Medium Term
Objective 7.4	Promote Terrace’s unique cultural identity.		
	Possible Actions	Possible City Partners	Timelines and Target Completion
	Coordinate City signage and street furniture to reflect Terrace’s identity. Highlight Terrace’s identity in public buildings and significant downtown destinations. Encourage diversity in public art.	In-House	Ongoing-Medium Term

Promote Terrace and its identity to the world	City / Kermodei Tourism /TEDA	Ongoing
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Strategy 8

Integrated and Active Transportation Options



Photo credit: Carmen Didier



Objective 8.1	Maintain a walking and cycling network of trails, paths and street routes that connect and provide access throughout the City.		
	Possible Actions	Possible City Partners	Timelines and Target Completion
	Update walkway and cycling schedule in OCP based on Active Transportation Plan	In-House	Ongoing
	Connect North and South Kalum with a pedestrian and cycle-friendly walkway	In-House	Long Term
	Address safety concerns associated with current walking and biking networks	Active Transportation Working Group	Ongoing - Short Term
Objective 8.2	Promote a safe, accessible and efficient public transit system with beneficial regional connections.		
	Possible Actions	Possible City Partners	Timelines and Target Completion
	Complete a transit study that allows for a creative redesign of how public transit is delivered; explore the use of smaller and more frequent commuter shuttles	Active Transportation Working Group	Short Term
	Encourage the facilitation of the establishment of a shuttle bus service to and from the airport	Local Hotels/Economic Revitalization Portfolio / TEDA	Long Term
	Develop Transportation hubs throughout the community that focus cycling networks and transit and make sustainable transportation visible	In-House / BC Transit	Long Term

Objective 8.3	Promote awareness and use of sustainable transportation.		
	Possible Actions	Possible City Partners	Timelines and Target Completion
	Work with School Partners to increase cycling education in schools	RCMP / School District	Short Term
	Promote shared-use bike program that recycles and repairs old bikes for community use	In-House / NGOs / RCMP	Short term – Medium Term
	Promote cycling awareness and education at public events and Farmer’s Market	In – House / Community Groups	Short Term – Medium Term

Strategy 9

Towards Zero Waste



Photo credit: HB Lanarc



Objective 9.1	Empower businesses and city operations to act as zero waste leaders.		
	Possible Actions	Possible City Partners	Timelines and Target Completion
	Create Waste Diversion Committee to local waste study issues and options	Sustainability Task Force / local businesses	Ongoing
	City of Terrace develop and adhere to environmental purchasing and usage policies that reduce and divert waste (ex. minimum packaging, compostable containers, within a # of kilometres, toxic free cleaners, etc.) and encourage local businesses and organizations businesses to do the same through education and material support	Waste Diversion Working Group / local businesses	Short Term
	Develop city policies and partnerships with local businesses and organizations that reduce and divert waste (ex. plastic bag campaign, biodegradable containers required for take-out, compost project with NWCC)	Waste Diversion Working Group / local businesses	Short Term
	Facilitate the development of commercial composting program	Regional District / Northwest Community College / Private business partners	Short Term
	Explore zero waste program and project partnership opportunities with local regional districts and municipalities,	Waste Diversion Working Group / local businesses	Short term

	ensuring the utilization of programming that has already been developed		
	Actively research other community's zero waste programs and policies in order to act quickly locally	Waste Diversion Working Group	Short Term
	City to actively participate in national, provincial and regional waste diversion challenges and encourage local businesses and organizations to do the same. (Explore creation of a local challenge.)	Waste Diversion Working Group / local businesses / School District/ Terrace Greater Beautification Society	Medium Term
Objective 9.2	Endorse regional education on zero waste, waste diversion and recycling.		
	Possible Actions	Possible City Partners	Timelines and Target Completion
	Support the teaching of reduce, reuse, recycle (ex. compost, packaging, etc.) options in schools	School District / Waste Diversion Working Group	Ongoing

Objective 9.3	Make reusing and recycling accessible.		
	Possible Actions	Possible City Partners	Timelines and Target Completion
	Increase waste diversion and recycling options in public spaces (blue boxes, composts, etc)	In-House / Waste Diversion Working Group / Downtown BIA	Ongoing
	Create incentives, or join with existing incentive programs, to encourage local businesses and organizations to reduce and divert waste (ex. RD waster diversion credit program)	In-House / Waste Diversion Working Group	Short Term
	Facilitate and help promote the development of reuse networks for all types of materials (ex. compost, sports gear, oil, construction waste etc.)	In-House / TEDA/ NSIS/ Waste Diversion Working Group / Local businesses	Medium Term
	Encourage and support local businesses interested in business opportunities related to zero waste and research and explore economic opportunities related to closed material loops	TEDA/ NSIS/ Waste Diversion Working Group / Local businesses	Medium Term
	Explore the possibility of implementing a “free store” at the new landfill site, Forceman Ridge.	Regional District / Waste Diversion Working Group	Medium Term

10.0 Conclusion

This Sustainability Strategy offers a starting point and a framework to address complicated planning issues in the context of complex environmental and social considerations.

It is important that once locally relevant targets are set, and stewards, partners and timelines are assigned to each contributing action, the practicality, relevance and successes of each action are monitored and evaluated. This strategy has the best chances for success if it's a dynamic document that evolves and changes.

There are over 40 years until Terrace 2050 becomes a reality and during that time, unforeseen opportunities as well as issues will arise. It is the hope that with the comprehensive framework that evolved from the engagement process and created this sustainability strategy, the City and community are well equipped to review and assess the best way forward through detailed development opportunities and large scale planning efforts.

In all cases; if after review, the potential actions and built environment achieve a progressive step forward in each of the 10 Strategic Directions, the Terrace 2050 vision gets one step closer to a becoming reality.