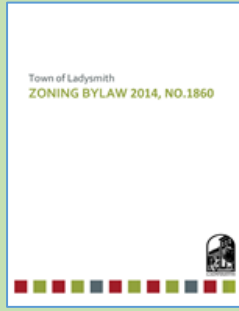




## SHORT TERM ACTION ITEMS

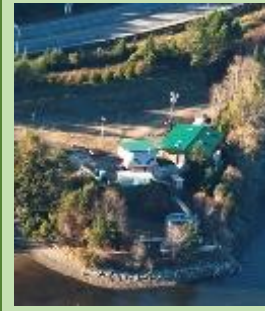
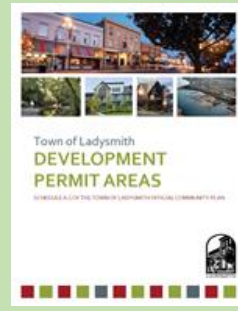
Growth & Development	Transportation	Energy & Emissions	Green & Natural Systems	Water & Waste Systems	Culture & Identity	Public Health & Social Development	Economic Development	Local Food & Agriculture	Leadership & Partnerships
<p><b>ACTION:</b> Review zoning bylaw to determine feasibility of allowing detached suites.</p> <p><b>STATUS:</b> Complete</p>	<p><b>ACTION:</b> Develop a Master Transportation Plan</p> <p><b>STATUS:</b> In five year Financial Plan</p>	<p><b>ACTION:</b> Review and update the Community Energy Plan</p> <p><b>STATUS:</b> Working with BC Hydro for funding of review in 2016</p>	<p><b>ACTION:</b> Review the Riparian Development Permit Area 6 Guidelines</p> <p><b>STATUS:</b> Complete</p>	<p><b>ACTION:</b> Complete current upgrades to the Town's drinking water system</p> <p><b>STATUS:</b> In five year Financial Plan</p>	<p><b>ACTION:</b> Expand existing spaces and programming for arts-based groups and activities</p> <p><b>STATUS:</b> Complete</p>	<p><b>ACTION:</b> Participate in the Cowichan Communities Health Network</p> <p><b>STATUS:</b> On-going</p>	<p><b>ACTION:</b> Develop business and retention action plans for target sectors identified in the Economic Development Strategy</p> <p><b>STATUS:</b> Working within context of regional function</p>	<p><b>ACTION:</b> Develop a community food strategy</p> <p><b>STATUS:</b> Working within context of regional function</p>	<p><b>ACTION:</b> Publish the Ladysmith Sustainability Action Plan to the municipal website</p> <p><b>STATUS:</b> Complete</p>
<p><b>ACTION:</b> Update Waterfront Area Plan to align with sustainability vision</p> <p><b>STATUS:</b> In five year Financial Plan</p>	<p><b>ACTION:</b> Inventory/review pedestrian conditions</p> <p><b>STATUS:</b> Sidewalk assessment completed</p>	<p><b>ACTION:</b> Consider amending the Civic Green Building Policy to require LEED Gold for new municipal buildings over 465 sq m</p> <p><b>STATUS:</b> Not started</p>	<p><b>ACTION:</b> Prepare a Ladysmith Harbour Remediation Action Plan</p> <p><b>STATUS:</b> Not started</p>	<p><b>ACTION:</b> Complete construction of the secondary wastewater treatment plant</p> <p><b>STATUS:</b> Underway, completion in 2016</p>	<p><b>ACTION:</b> Review Town's Heritage Strategic Plan to align with the Sustainability Vision outcomes</p> <p><b>STATUS:</b> In-process</p>	<p><b>ACTION:</b> Improve engagement with residents about recreational facilities and programming</p> <p><b>STATUS:</b> On-going</p>	<p><b>ACTION:</b> Expand the 10% Shift "buy local" program</p> <p><b>STATUS:</b> On-going and expanding to social procurement in 2015</p>	<p><b>ACTION:</b> Make local food available in municipal facilities and community events</p> <p><b>STATUS:</b> On-going</p>	<p><b>ACTION:</b> Promote engagement in the implementation of the Ladysmith Sustainability Action Plan</p> <p><b>STATUS:</b> On-going</p>
<p><b>ACTION:</b> Complete and implement Downtown Area Plan</p> <p><b>STATUS:</b> Not started</p>	<p><b>ACTION:</b> Enhance public transit systems</p> <p><b>STATUS:</b> On-going, joined BC Transit system</p>	<p><b>ACTION:</b> Provide information to residents on incentive and rebate programs for energy efficiency.</p> <p><b>STATUS:</b> On-going</p>	<p><b>ACTION:</b> Prepare a Holland Creek Restoration Plan</p> <p><b>STATUS:</b> Not started. Work on culvert in golf course</p>	<p><b>ACTION:</b> Implement Stage 3 of the Liquid Waste Management Plan (LWMP)</p> <p><b>STATUS:</b> Commenced (see WWTP project)</p>	<p><b>ACTION:</b> Review and update the 2011 Community resources listing on the Town's website</p> <p><b>STATUS:</b> Complete</p>	<p><b>ACTION:</b> Conduct a community recreational assessment &amp; gap analysis</p> <p><b>STATUS:</b> Commence in fall 2015 with Parks, Recreation &amp; Culture mater plan</p>	<p><b>ACTION:</b> Continue working on the "Partnership for an Economically Diverse Community"</p> <p><b>STATUS:</b> On-going</p>	<p><b>ACTION:</b> Integrate agricultural opportunities in land use plans, including the update to the Zoning Bylaw</p> <p><b>STATUS:</b> Complete</p>	<p><b>ACTION:</b> Continue implementing opportunities for shared infrastructure and servicing with the Stz'uminus First Nation</p> <p><b>STATUS:</b> In-process</p>
	<p><b>ACTION:</b> Establish more bike lanes and improve cycling infrastructure</p> <p><b>STATUS:</b> On-going</p>	<p><b>ACTION:</b> Develop a municipal fleet inventory and assess for efficiencies</p> <p><b>STATUS:</b> In five year Financial Plan (asset management)</p>	<p><b>ACTION:</b> Form a multi-stakeholder watershed management committee</p> <p><b>STATUS:</b> Currently under consideration</p>	<p><b>ACTION:</b> Develop a Zero Waste Plan</p> <p><b>STATUS:</b> Zero Waste Plan in co-operation with the Cowichan Valley Regional District</p>	<p><b>ACTION:</b> Enhance public art and experience</p> <p><b>STATUS:</b> On-going</p>		<p><b>ACTION:</b> Promote the opportunity for local businesses to calculate their carbon footprint and become carbon neutral</p> <p><b>STATUS:</b> Not started</p>		
		<p><b>ACTION:</b> Inclusion of regulations to support energy efficient building guidelines in the new Zoning Bylaw.</p> <p><b>STATUS:</b> Complete</p>		<p><b>ACTION:</b> Implement a coordinated Environmental Education Campaign</p> <p><b>STATUS:</b> Not started</p>			<p><b>ACTION:</b> Support building the green economy</p> <p><b>STATUS:</b> On-going</p>		





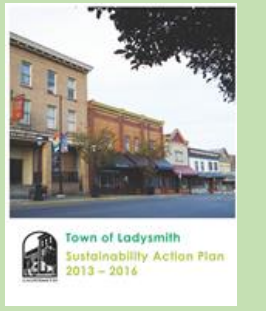
**ACTION:**  
Undertake a detailed energy audit of key buildings

**STATUS:** On-going.  
Completed Recreation Centre upgrades.






**ACTION:** Support efforts of the Ladysmith Maritime Society to expand visitor moorage and coordinate with CREDC on efforts to expand hotel accommodations in the area

**STATUS:** On-going, 100% increase in visitor nights in five years



# LONG TERM ACTION ITEMS

Growth & Development	Transportation	Energy & Emissions	Green & Natural Systems	Water & Waste Systems	Culture & Identity	Public Health & Social Development	Economic Development	Local Food & Agriculture	Leadership & Partnerships
<p><b>ACTION:</b> Aim for transit-supportive densities in new development areas</p> <p><b>STATUS:</b> Supported by OCP in Downtown and at small lot and higher densities.</p>	<p><b>ACTION:</b> Open discussions with Provincial Transportation Ministries to identify ways to work together on sustainable innovations</p> <p><b>STATUS:</b> On-going</p>	<p><b>ACTION:</b> Explore alternate forms of energy, such as solar, wind and geothermal</p> <p><b>STATUS:</b> On-going with Province and CVRD</p>	<p><b>ACTION:</b> Undertake more detailed mapping of wildlife habitats and corridors</p> <p><b>STATUS:</b> On-going with CVRD</p>	<p><b>ACTION:</b> Explore options for composting of municipal bio-solids</p> <p><b>STATUS:</b> Underway</p>	<p><b>ACTION:</b> Develop a Volunteer Stewardship Strategy</p> <p><b>STATUS:</b> Not started (on-going work with local sports clubs). Watershed roundtable in 2015.</p>	<p><b>ACTION:</b> Develop ways to ensure that affordable housing is included in new developments</p> <p><b>STATUS:</b> On-going</p>	<p><b>ACTION:</b> Update the Town's Economic Development Strategy</p> <p><b>STATUS:</b> Not started</p>	<p><b>ACTION:</b> Host food workshops, including training for local growers and producers</p> <p><b>STATUS:</b> On-going</p>	<p><b>ACTION:</b> Support regional collaboration where it serves the greater good and promotes long-term sustainability</p> <p><b>STATUS:</b> On-going</p>
<p><b>ACTION:</b> Explore ways to integrate other land uses into or around existing single-use areas</p> <p><b>STATUS:</b> On-going</p>	<p><b>ACTION:</b> Create an alternate transportation reserve fund</p> <p><b>STATUS:</b> Not started</p>	<p><b>ACTION:</b> Review existing guidelines to support green building directions</p> <p><b>STATUS:</b> On-going</p>	<p><b>ACTION:</b> Support the protection of sensitive areas such as wetlands and watersheds</p> <p><b>STATUS:</b> On-going with CVRD</p>	<p><b>ACTION:</b> Expand the curbside recycling program to include glass and Styrofoam</p> <p><b>STATUS:</b> MMBC regulations guide</p>	<p><b>ACTION:</b> Develop a Public Art Strategy to profile and celebrate the artists and arts in Ladysmith</p> <p><b>STATUS:</b> Not started Strategy. On-going support to Arts Council</p>	<p><b>ACTION:</b> In partnership with VIHA, redesign the Primary Health Centre and improve daycare services and elderly support</p> <p><b>STATUS:</b> On-going support with VIHA.</p>	<p><b>ACTION:</b> Explore opportunities for an eco-industrial project for a new industrial park at South Ladysmith</p> <p><b>STATUS:</b> On-going. Working with First Nations and road realignment in 2015</p>	<p><b>ACTION:</b> Facilitate and encourage food sharing</p> <p><b>STATUS:</b> On-going donations to food bank from municipal gardens</p>	<p><b>ACTION:</b> Seek opportunities to leverage more efficient use of community facilities and resources</p> <p><b>STATUS:</b> On-going partnerships</p>
<p><b>ACTION:</b> Leverage Ladysmith's location along the Island highway corridor</p> <p><b>STATUS:</b> Consider within scope of waterfront plan review</p>	<p><b>ACTION:</b> Explore the possibility of providing a commuter service between Ladysmith and Duncan and Nanaimo via train or bus</p> <p><b>STATUS:</b> In progress</p>	<p><b>ACTION:</b> Explore opportunities to pursue a pilot project of a Net Zero building/home and neighbourhood</p> <p><b>STATUS:</b> Not started</p>	<p><b>ACTION:</b> Develop and implement landscape design guidelines to provide songbird and butterfly habitat</p> <p><b>STATUS:</b> Complete.</p>	<p><b>ACTION:</b> Improve rainwater management</p> <p><b>STATUS:</b> Included rainwater management in the new Development Permit Area guidelines for commercial, Industrial and multi-unit residential development</p>			<p><b>ACTION:</b> Continue to support home-based businesses</p> <p><b>STATUS:</b> Zoning Bylaw regulations updated.</p>	<p><b>ACTION:</b> Support the efforts of community partnerships</p> <p><b>STATUS:</b> On-going</p>	<p><b>ACTION:</b> Pursue funding opportunities to advance the implementation of more costly aspects of the Sustainability Action Plan</p> <p><b>STATUS:</b> Pursuit of grants on-going</p>
<p><b>ACTION:</b> Improve the pedestrian linkage between downtown, the highway and the waterfront</p> <p><b>STATUS:</b> On-going</p>	<p><b>ACTION:</b> Support car-pooling and car co-op programs within the community and look at ways to incorporate connections to regional nodes into these programs</p> <p><b>STATUS:</b> Complete</p>	<p><b>ACTION:</b> Use heat from available sources, such as sewage pipes or pumping stations, to heat buildings through district energy systems and encourage new developments to incorporate an alternative energy source</p> <p><b>STATUS:</b> on going and part of new WWTP</p>	<p><b>ACTION:</b> Reduce/eliminate invasive species throughout the community</p> <p><b>STATUS:</b> On-going. Partnerships with volunteers for Earth Day.</p>				<p><b>ACTION:</b> Develop, support and promote eco-tourism business possibilities within the community</p> <p><b>STATUS:</b> On-going</p>		





**ACTION:** Review existing parking requirements and consider reducing requirements in new developments  
**STATUS:** Complete



**ACTION:** Consider opportunities to develop new road standards  
**STATUS:** In five year Financial Plan (Master Transportation Plan and condition assessment process)



## OBJECTIVES & INDICATORS

Growth & Development	Transportation	Energy & Emissions	Green & Natural Systems	Water & Waste Systems	Culture & Identity	Public Health & Social Development	Economic Development	Local Food & Agriculture	Leadership & Partnerships
<p><b>OBJECTIVE:</b> Increased housing diversity across Ladysmith</p> <p><b>INDICATOR:</b> % of type of housing types</p> <p>Target – 70% Single Family /30% Multi-Family (OCP)</p> <p>Current – 75% Single Family / 25% Multi-Family (Statistics Canada 2011)</p>	<p><b>OBJECTIVE:</b> Increase walking</p> <p><b>INDICATOR:</b> #/% of residents who walk to meet daily needs</p> <p>Target – 7% (Provincial Average)</p> <p>Current – 6% of all work trips (2006 Census)</p>	<p><b>OBJECTIVE:</b> Reduce community energy use and GHG emissions</p> <p><b>INDICATOR:</b> Annual total of community energy use (kWh and GJ) and GHG emissions (tonne CO2 e)</p> <p>Target – 5% reduction by 2012 from 2007 levels; 15% reduction by 2016 from 2007; 33% reduction by 2020 from 2007 levels (OCP)</p> <p>Current: 2012 data not yet available</p>	<p><b>OBJECTIVE:</b> Protect parks and natural ecosystems</p> <p><b>INDICATOR:</b> Amount of protected natural greenspace and parkland within the Town</p> <p>Target – To be reviewed and established in PRC Master Plan (2015)</p>	<p><b>OBJECTIVE:</b> Encourage water conservation</p> <p><b>INDICATOR:</b> Per capita residential water consumption</p> <p>Target – Current leader in region. Target established in 2015 to be 20% less; 200 liters per capita per day (residential)</p>	<p><b>OBJECTIVE:</b> Encourage greater participation and appreciation of Ladysmith's arts and cultural events and facilities</p> <p><b>INDICATOR:</b> % of residents actively participating in public celebrations</p> <p>Target – To be reviewed and established in PRC Master Plan (2015)</p>	<p><b>OBJECTIVE:</b> Improve physical and social well-being of Ladysmith residents</p> <p><b>INDICATOR:</b> % of population who take part in an activity at a recreation centre at least once a month</p> <p>% of residents actively participating in sports using community facilities</p> <p>Target – To be reviewed and established in PRC Master Plan (2015)</p>	<p><b>OBJECTIVE:</b> Business Diversity</p> <p><b>INDICATOR:</b> # of businesses; % of businesses in target growth sectors</p> <p># of licensed businesses (not including mobile businesses) – 371</p> <p>% of businesses in target growth sectors: 63%</p>	<p><b>OBJECTIVE:</b> Increase opportunities for local food production, processing, retail and celebration</p> <p><b>INDICATOR:</b> Spending on local food</p> <p>Target – not yet established other than 10% shift</p>	<p><b>OBJECTIVE:</b> Actively engage regional partners and stakeholders in planning and decision-making for sustainability initiatives</p> <p><b>INDICATOR:</b> # of sustainability initiatives completed with partners and stakeholder organizations</p> <p>Target – not yet established</p>
<p><b>OBJECTIVE:</b> More mixed uses in more areas of Ladysmith</p> <p><b>INDICATOR:</b> % of different land uses</p> <p>Target – Not yet established</p> <p>Current – Data not available</p>	<p><b>OBJECTIVE:</b> Increase cycling</p> <p><b>INDICATOR:</b> #/% of users of Town bike system</p> <p>Target – 2% (Provincial Average)</p> <p>Current – 0.3% of all work trips (2006 Census)</p>	<p><b>OBJECTIVE:</b> Reduce energy use and emissions related to Town operations</p> <p><b>INDICATOR:</b> Annual total of corporate energy use (kWh and GJ) and GHG emissions (tonne CO2 e)</p> <p>Target – To be established in Energy Plan update (2015)</p>	<p><b>OBJECTIVE:</b> Restore the ecological functionality of degraded sensitive ecosystem areas</p> <p><b>INDICATOR:</b> % of degraded sensitive ecosystem areas that have an appropriate level of ecological function restored</p> <p>Target – Not yet established</p>	<p><b>OBJECTIVE:</b> Use best practices in stormwater and wastewater management</p> <p><b>INDICATOR:</b> Streams water quality index</p> <p>Target – Not yet established</p>	<p><b>OBJECTIVE:</b> Preserve and enhance Ladysmith's built heritage</p> <p><b>INDICATOR:</b> # of heritage buildings in various states of repair (excellent, fair, poor); # of heritage buildings restored</p> <p>Target – Complete five SOS over 5 years</p> <p>Current – 22 records on CHR</p>	<p><b>OBJECTIVE:</b> Improve access to affordable housing</p> <p><b>INDICATOR:</b> # of individuals in Core housing need</p> <p>Target – n/a</p> <p>Current – 12% of households in the CVRD (CVRD Housing Indicators Report, April 2014)</p>	<p><b>OBJECTIVE:</b> More money spent at local independent businesses</p> <p><b>INDICATOR:</b> Local spending</p> <p>Target – 10%</p>		<p><b>OBJECTIVE:</b> Actively engage citizens in community building, planning and decision making</p> <p><b>INDICATOR:</b> # of residents participating in public events; visitors to Town website (Sustainability webpages)</p> <p>Target – Not yet established</p>
<p><b>OBJECTIVE:</b> More areas with transit supported densities</p> <p><b>INDICATOR:</b> aggregate density of population</p> <p>Target – 17-30 units per hectare (TOD)</p> <p>Current – 3-4 units per hectare (Population density per km<sup>2</sup> - 660.6 (Statistics Canada 2011)</p>	<p><b>OBJECTIVE:</b> Increase transit usage</p> <p><b>INDICATOR:</b> # of transit riders on local/inter-municipal system</p> <p>Target – 10% (Provincial Average)</p> <p>Current – 0.5% of all work trips (2006 Census)</p>			<p><b>OBJECTIVE:</b> Reduce, divert and manage solid waste to achieve target of zero waste</p> <p><b>INDICATOR:</b> Amount of solid waste landfilled, per capita</p> <p>Target – Not yet established</p>	<p><b>OBJECTIVE:</b> Enhance support to Ladysmith's diverse arts, cultural and heritage venues and events</p> <p><b>INDICATOR:</b> Dollars spent to provide cultural services</p> <p>Value of arts grants distributed (\$ per resident)</p> <p>Target – To be reviewed in PRC Master Plan (2015)</p>		<p><b>OBJECTIVE:</b> Increase in tourist visits</p> <p><b>INDICATOR:</b> visits by tourists at visitor's centre and overnight visitor stays at marina</p> <p>Target – 10% growth per year</p> <p>Visitor Centre: 8,719</p> <p>Marina: 1,665 Visitor night stays, 100% increase in five years</p>		<p><b>OBJECTIVE:</b> Continue to promote the efficient and effective management of municipal services with the goal of continuous improvement of long-term fiscal sustainability</p> <p><b>INDICATOR:</b> Completion of annual sustainability report (Yes/No)</p> <p>Target – Complete annually</p>





**OBJECTIVE:** Reduce the amount of environmentally hazardous substances and waste  
**INDICATOR:** Hazardous waste generated in tonnes  
**Target –**



## FUTURE PRIORITIES

Growth & Development	Transportation	Energy & Emissions	Green & Natural Systems	Water & Waste Systems	Culture & Identity	Public Health & Social Development	Economic Development	Local Food & Agriculture	Leadership & Partnerships
<p>Aim for transit-supportive densities in new development areas. <b>On-going</b></p> <p>Explore ways to integrate other land uses into or around existing single-use areas. <b>On-going</b></p> <p>Implement land use regulations to support the Downtown Plan and Waterfront Plan. <b>Following completion of plans.</b></p> <p>Leverage Ladysmith's location along the Island highway corridor – pursue addition of appropriate land uses along this corridor. <b>On-going</b></p> <p>Improve the pedestrian linkage between downtown, the highway and the waterfront. <b>On-going</b></p>	<p>Open discussions with Province to identify ways to work together on sustainable innovations.</p> <p>Create an alternative transportation reserve fund financed through off-street parking funds to enhance car-free opportunities.</p> <p>Explore the possibility of providing a commuter service between Ladysmith and Duncan and Nanaimo via train or bus.</p> <p>Support car-pooling and car co-op programs within the community.</p> <p>Review existing parking requirements and consider reducing requirements in new developments.</p> <p>Consider opportunities to develop new road standards that include narrower streets, bike lanes and other traffic calming provisions.</p>	<p>Explore alternate forms of energy, such as solar, wind and geothermal that could be adopted by individual houses and specified areas of Ladysmith</p> <p>Review existing guidelines to support green building directions in both new construction and renovations or retrofits</p> <p>Explore opportunities to pursue a pilot project of a Net Zero building /home and neighbourhood that has no net draw on external energy sources</p> <p>Use heat from available sources, such as sewage pipes or pumping stations, to heat buildings through district energy systems and encourage new developments to incorporate an alternative energy source or district heating systems</p>	<p>Undertake more detailed mapping of wildlife habitats and corridors</p> <p>Support the protection of sensitive areas such as wetlands and watersheds</p> <p>Develop and implement landscape design guidelines to provide songbird and butterfly habitat</p> <p>Reduce/eliminate invasive species throughout the community</p>	<p>Explore options for composting of municipal bio-solids</p> <p>Expand the curbside recycling program to include glass and Styrofoam</p> <p>Improve rainwater management</p>	<p>Develop a Volunteer Stewardship Strategy</p> <p>Develop a Public Art Strategy to profile and celebrate the artists and arts in Ladysmith</p>	<p>Develop ways to ensure that affordable housing is included in new developments</p> <p>In partnership with VIHA, redesign the Primary Health Centre and improve daycare services and elderly support</p>	<p>Update the Town's Economic Development Strategy <b>Not started</b></p> <p>Explore opportunities for an eco-industrial project for a new industrial park at South Ladysmith <b>On-going</b></p> <p>Continue to support home-based businesses <b>On-going.</b></p> <p>Develop, support and promote eco-tourism business possibilities within the community <b>On-going.</b></p>	<p>Host food workshops, including training for local growers and producers</p> <p>Facilitate and encourage food sharing</p> <p>Support the efforts of community partnerships</p>	<p>Support regional collaboration where it serves the greater good and promotes the long-term sustainability</p> <p>Seek opportunities to leverage more efficient use of community facilities and resources</p> <p>Pursue funding opportunities to advance the implementation of more costly aspects of the Sustainability Action Plan</p>

