



Committee of the Whole Report

For the Meeting of July 26, 2018

To: Committee of the Whole **Date:** July 20, 2018
From: Fraser Work, Director of Engineering and Public Works
Subject: Climate Leadership Plan and Climate Action Program Update

RECOMMENDATION

That Council:

Approve the City's Climate Leadership Plan for publishing and ongoing work/collaboration with community stakeholders.

EXECUTIVE SUMMARY

Council approved the draft Climate Leadership Plan (CLP) in December 2017 and directed staff to engage with the community for input and feedback to improve the plan to a final version by mid 2018. Council also approved the allocation of funding from the Climate Action Reserve Fund for temporary staffing and priority actions. This report provides an overview of the CLP's review and engagement process and delivers an update on the Climate Action Program.

The CLP is the City's action plan to reduce greenhouse gases (GHGs) by 80 percent below 2007 levels by 2050 and transition to 100 percent renewable energy by mid-century. The CLP covers five sectors and identifies the goals, targets, strategies and actions to reduce GHG emissions and prepare for a changing climate. The plan aims to galvanize public and business support for investments and priority actions to reduce GHGs and energy use to ensure Victoria plays its part to keep global temperature increases within safe limits. Early action is required to avoid significant cost and social and environmental risks to our community.

The CLP and its content is the product of collaboration and engagement with the public, business, stakeholder groups, and subject matter experts from academia, industry and other levels of government. The CLP is outlined in this report and attached for Council's review and consideration for approval.

The City continues to progress a series of GHG reduction projects, including strategy development, priority actions, electric vehicle charging infrastructure improvements, transit and other active transportation improvements, waste management strategies, and energy upgrades for existing and new buildings. These projects and others will continue through the remainder of 2018 and into 2019.

PURPOSE

The purpose of this report is to present the final Climate Leadership Plan for council consideration and to provide an update on the Climate Action Program for Council's information.

BACKGROUND

In August 2016, Council committed to a long-term greenhouse gas (GHG) reduction target for both corporate and community emissions of 80 percent GHG reduction by 2050, including a corresponding target of 100 percent renewable energy by the same date. These targets align with Provincial, Federal and international requirements set forth by the United Nations Framework Convention on Climate Change (UNFCCC), and mirror commitments made by hundreds of worldwide cities.

Council passed the following motion on August 18, 2016:

- Establish a long-term GHG Reduction target for both corporate and community emissions consistent with global goals: an 80 percent GHG reduction by 2050, and a corresponding target of 100 percent renewable energy in the same timeframe.

And directed staff to take a several steps including:

Develop an action plan based on our existing work done to date, in support of meeting reduction targets. This plan will include:

- a. Priority actions / programs for consideration;
- b. Governance and documentation renewal plan;
- c. Resource plan; and
- d. Internal / external stakeholder communication, education and engagement plans.

In December 2016, staff returned to brief Council with an update on completed actions and further work on the Climate Action Program to enable a suite of priority climate actions for 2017, including development of the Climate Leadership Plan (CLP).

In September 2017, staff provided council with an update on the development of the CLP and an overview of its structure, approaches and content, with a commitment for a completed draft in December 2017 to be released for community and public comment.

In December 2017, Council approved the draft CLP and directed staff to proceed with community and stakeholder engagement on the Plan to gather feedback and input, in preparation of a final version. At that time, Council also approved the allocation of over \$400,000 in funds from the Climate Action Reserve Fund for priority staffing and actions, and directed staff to report back with the final Climate Leadership Plan on June 1, 2018 with a long-term funding strategy and program update.

An additional month of time was required to complete the final changes that are outlined in this report and embedded in the CLP. This report provides a high-level outline of the completed Climate Leadership Plan and provides a progress/status report on the Climate Action Program.

ISSUES & ANALYSIS

This issues and analysis section provides an overview of the CLP, staff's review process and the public and subject matter expert (SME) engagement. It also provides an update on the Climate Action Program.

Issues Summary

The City's 2018 Climate Action Program has been primarily focussed on the improvement/development of the final CLP and priority 2018 actions. The following issues/considerations have shaped the program, staff's approach, and constitute risks/issues for ongoing management:

1. **CLP quality and comprehension:** Staff are satisfied that the current CLP is ready for adoption and publishing and continued meaningful engagement with the public. The final version of the CLP represents a balance of quality, cost, current resource and time constraints.
2. **Resource Constraints:** New climate and sustainability management staff joined the City in January and February 2018, and had only a few short months to progress the CLP and other important initiatives.
3. **Level of Engagement:** Staff have focussed CLP engagement on direct review with technical and subject matter experts, and general engagement for awareness building and document utility across the broader community. Staff's strategy was to reach an acceptable level of engagement with key groups and community members, within the time and resource constraints.
4. **Government Alignment:** Ongoing and meaningful liaison with BC, regional and neighbouring municipalities is required to ensure consistent, effective, convenient and complementary public programs are available for GHG reduction requirements. Staff will continue to work closely with all relevant players to ensure opportunities are taken to reduce cost, and ensure access to programs.
5. **Stakeholder Perspectives and Buy-In:** Reaching the necessary community GHG reductions will require steadfast and meaningful energy and GHG mitigations across all stakeholder groups, including business, residential, government and others. In some cases, specific groups hold the responsibility and key for reaching our overall community targets. In certain instances, these groups have not yet developed their own plans of how they would achieve significant GHG reductions by mid-century. Staff identify that the City's role is to lead, inspire and help support the necessary change by setting ambitious and prudent targets, implementing supporting systems, regulations where required, and tracking progress. The City is at risk of being criticised in areas where stakeholders have not yet agreed to the target, or timeline. These issues apply throughout the CLP and represent key considerations for Council to determine how bold or otherwise they wish to approach our GHG reduction responsibilities.

CLP Development and Stakeholder Engagement

Following the draft CLP adoption in December, the document was posted prominently on www.victoria.ca/climateaction for review and comment by the public. Staff began formal engagement on the plan, including one-on-ones with key stakeholders, SME meetings, and presentations and workshops with the community in February 2018. In March 2018, extensive promotion of the CLP began, including print and online advertisements, posters, postcard distribution at local businesses, and social media posts (detailed information on promotions can be found in the Engagement Summary, Appendix A). The formal engagement period closed in May to allow Climate Action staff time to carefully review and integrate feedback received into the final analysis and drafting exercises. Presentations, meetings, and correspondence with other stakeholders and SMEs continued into July 2018.

2018 Staff Review

Beginning in January 2018, staff engaged in a thorough review of the draft plan. This review focussed on identifying factual errors or omissions, continuation of community GHG analysis and modelling, and assessment of aesthetic document needs.

Subject Matter Expert Engagement

In parallel to staff's internal review, meetings took place with experts, government and municipal colleagues, and key stakeholders. Between January and May, staff met and shared the plan with, the following major groups: Chamber of Commerce; BC Healthy Communities; Downtown Victoria Business Association; South Island Prosperity Project; Simon Fraser University; BC Transit; Greater Victoria Harbour Authority; Fortis BC; BC Hydro; the District of Saanich; University of Victoria; Capital Region District; and others (a full list is found in Appendix A).

Community Engagement

Staff undertook community and stakeholder engagement beginning in February until May 2018. Engagement focused on the five sectors of the draft Climate Leadership Plan: Buildings, Transportation, Waste Management, Adaptation, and City Leadership & Municipal Operations. While these sectors were the focus of the workshops, the public had access to the full draft CLP and sector summaries (online and at workshops) and could comment on all aspects of the draft.

The following graphical table outlines key highlights from our engagement summary:

27 Presentations information sessions, and meetings	25,842 People reached on Social Media	9 different advertising and marketing platforms utilized	5 Student and Youth focused meetings and information sessions
3 Community Association meetings	80+ City led workshop/event participants	19 submittals and responses to the draft plan	

To increase awareness around the City's draft climate plan being open for commentary, and to solicit feedback online and ensure participation in community events, staff undertook various promotional actions, including:

- Storefront posters at City Hall and local businesses
- Informational postcards at local businesses and non-profits around the city, and at the City Hall Public Service Centre and Business Hub
- Ads in the Times Colonist and Victoria News
- Metropolis posters in the downtown core (spanning five days)
- Advertisement in the Greater Victoria Chamber of Commerce's BizNews
- Inclusion in two City E-Newsletters (approximately 1000 subscribers)
- Instagram and Twitter posts
- First ever Facebook and Instagram carousel ad and a promoted Facebook post

- Distribution of promotional materials and information by the City's Neighbourhoods Team
- Information displayed on Royal Athletic Park digital sign
- Information sharing at Surfrider beach cleanup event
- Email invites to neighbourhood and community associations
- Cold calls and in-person invites to local businesses
- Attendance at local networking breakfasts, meetings, and events to promote CLP events/workshops and the draft plan engagement period

Engagement Outcomes

Feedback on the draft plan was received through workshops and presentations by City staff, through in-person conversations with City staff, paper and email submissions, and through social media.

The overarching feedback themes from community are as follows:

- Accessible and easy to understand language in the final plan is important – the community must understand what needs to be done before they can take action
- The final CLP should provide practical solutions and show how change is possible, and where to start
- Interim targets and progress updates on where the City and community are in meeting its targets is important (2050 seems far away). Transparency and clear communication is key
- Ensure that the actions in each sector of the CLP are easily found in the document
- Education and awareness about the local causes of climate change, and what people can do is key in getting people to pay attention to what is going on in their community
- The City cannot do it alone – partnerships with the Provincial and Federal governments, as well as with utilities and other agencies are needed to succeed (and the City must advocate to these other levels of government)
- Change can be difficult, but incentives (for residents and businesses) can be a key motivator in getting people to change their attitudes and actions
- Many businesses are already making efforts to reduce greenhouse gas emissions and to engage in environmentally friendly practices. It is important for the City to acknowledge those efforts, and to leverage these businesses as educational models of what is possible for other businesses
- Many business owners are renters and want to know how they can still make an impact without undertaking large scale retrofits
- Youth should be involved in the City's climate action efforts and future planning.
- The Climate Leadership Plan is an important step in climate action by the City

CLP Improvements (December 2017 – July 2018)

Overview of Changes

The final CLP presented for Council's consideration has a distinctly different 'look and feel' using multiple visual aids and photographs, whereas the draft in December was text-dense without many visual illustrations/photographs. In addition to a major aesthetic upgrade, the final CLP includes updated content and new developments as follows:

1. Rewritten and improved text and content;
2. Updated document structure, adding the required executive summary, re-formatted introduction, updated climate imperative, new City baseline information and planning elements, and improved sector details for buildings, mobility, waste, municipal operations, adaptation;

3. Additional final chapter introducing embodied emissions and the circular economy and how those will help shape GHG improvements over time;
4. Improved graphics, icons, photos, and charts;
5. Feature content dedicated to community in action – those who are leading the way to a low carbon and renewable energy future;
6. Reviewed, renewed and improved actions set;
7. Refined goal and target language to better align with most recent analysis, stakeholder discussions and best-practice; and
8. Updated information and GHG performance (e.g. CRD Origins and Destinations data, 2017 GHG emissions data, etc.).

Sector Chapter Improvements

Within the sectors themselves, staff reflected on and integrated community feedback to better articulate the goals, targets and actions so that they are easy to understand by people of all ages and professional backgrounds. In addition, infographics were added, and wherever possible, images that showcase the climate challenges and opportunities in the community.

To set the stage for the reader, each sector includes “The Challenge,” which discusses the current challenges faced in reaching an 80 percent reduction in greenhouse gases, or preparing for a changing climate. Following that, each sector now includes “The Plan,” which discusses the necessary actions and ways forward to reach a low carbon, prosperous future. Much of “The Plan” content was text from the December draft that staff reorganized.

Low Carbon Waste Management: After review and engagement, staff identified that the content of the waste sector in the draft CLP was addressing both direct GHG reductions as well as the broader impacts of local consumption patterns, which had the risk of conflating two distinct issues. In response, staff refined the waste sector to focus only on disposed organic materials – a major source of local GHG emissions – and included targets not just on food and yard waste, but on all organic waste materials including wood and paper. The final CLP also features new content to explicitly address consumption-based emissions, titled: “The Next Chapter: Embodied Emissions.” This two-page feature acknowledges the GHG impacts associated with the materials, products and services that are consumed in the city, but produced elsewhere, and how this topic will inform future climate planning. The waste sector and the embodied emissions feature underscore the importance of the City’s forthcoming sustainable waste management strategy.

No significant removals or changes were applied to the core goals and targets in the remaining four sectors (Low Carbon, High-Performance Buildings, Low Carbon Mobility, Municipal Operations, Adapting Early). These sectors were refined, streamlined, and updated with improved content.

CLP Document Overview

The current plan has the following key highlights, while the full plan is found in detail in Annex A.

1. Vision – Low Carbon Prosperity

The City’s vision for 2050 is of a vibrant, healthy, and prosperous community, fueled by renewable low carbon energy systems, and designed and integrated in ways that promote a high quality of life for all Victorians. The City’s mission is to lead Victoria’s transition to a renewable energy future, and to inform, equip, enable and inspire the community to rapidly reduce their own GHG emissions and prepare for climate change.

2. Document Structure

a. The CLP that is presented today is organized into four categories:

- i. Message from the Mayor and Executive Summary
- ii. Introduction to the CLP, the climate imperative and challenges faced, and the City's vision for low carbon prosperity
- iii. The five sectors of the CLP
- iv. The next chapter for climate action planning at the City and concluding remarks

b. For ease of use, each sector of the CLP follows the same structure:

- i. **The Vision:** where we aspire to be in 2050 when it comes to buildings, mobility, waste management, adaptation and municipal operations.
- ii. **The Goals:** the desired outcome for each sector.
- iii. **The Challenge:** discussion of the factors contributing to the climate challenge.
- iv. **The Plan:** presentation of some of the solutions identified for the collective climate challenge. This section discusses the actions that the City will take and that the whole community must engage with to reach our ambitious targets.
- v. **Targets:** each sector includes a table that showcases the goals and corresponding targets. Targets (below) and actions act to reduce GHGs, replace fossil fuels with renewable fuel, redesign systems to be more sustainable, or add resiliency to systems to protect against a changing climate.
- vi. **Actions:** the specific targets that staff are proposing the City and community undertake to address the climate challenge. These actions are organized by those that are currently underway, those that will be initiated by 2020 and those that require more planning and are thus future actions.
- vii. **Community (or City) in Action:** each sector has one or two featured pieces on community members who are leading the way to a renewably powered, low carbon future. For Municipal Operations, there is a focus on what the City has done thus far. These features are meant to inspire others to action and show that an 80 percent reduction in GHGs and a transition to 100 percent renewable energy is possible.

3. Key Principles: The key principles have minor improvements that attempt to reduce any confusion/duplication with improved language and content. Continual improvement of the CLP and barriers were clarified in the latest version.

- a. **Lead and inspire** – The City will be a regional and national leader on climate mitigation and adaptation. It will take urgent action to drive innovative GHG reductions, creatively and collaboratively with other leaders and key stakeholders.
- b. **Harmonize climate action to secure co-benefits** – GHG reduction actions should be integrated with all other priority areas for City planning, including health, safety, and environmental protection, affordability, and quality of life.
- c. **Universal accountability** – All Victorians (residents, businesses, employees, and visitors) have a role to play in improving GHG performance, and should be encouraged to take meaningful action.
- d. **Make energy visible** – Our community's energy use, GHG performance, and climate impacts must be clearly known to drive effective change.
- e. **Evidence-based decisions** – Energy and GHG decisions should be socially-minded, cost-effective and supported by science, including a full, life-cycle understanding of relevant issues and technologies.

- f. **Renewable energy for all** – Our entire community, regardless of circumstances, must have access to efficient, affordable and renewable energy options.
- g. **Dismantle barriers** – The City will remove barriers preventing rapid decarbonisation of our energy mix by supporting policies that support smart energy choices and GHG-reduction behaviours.
- h. **Climate resilience is developed early** – Victoria must act with a sense of urgency and take early and meaningful action to avoid the most disruptive economic, social, and environmental impacts imposed by climate change.
- i. **Think globally, change locally, partner regionally** – Partnering and advocating across jurisdictional boundaries is key to achieving consensus and maximizing global GHG reductions.
- j. **Track and Adjust** – The City will measure, track and report on its targets and actions annually, making adjustments where required.

4. **Goals:** The following goal excerpt from the CLP document defines desired outcome for each sector:

SECTOR	CLIMATE LEADERSHIP GOALS
 BUILDINGS Page 24	<ul style="list-style-type: none"> » All buildings are highly energy efficient. » All buildings are powered by renewable energy.
 MOBILITY Page 34	<ul style="list-style-type: none"> » All Victorians have access to low carbon, high-performance and affordable multi-modal transportation. » Vehicles in Victoria are powered by renewable energy. » Smart land use minimizes transportation emissions.
 WASTE MANAGEMENT Page 42	<ul style="list-style-type: none"> » Organic materials are managed to avoid GHG emissions.
 MUNICIPAL OPERATIONS Page 48	<ul style="list-style-type: none"> » The City is a recognized leader in climate mitigation and adaptation. » The City takes integrated and informed climate action. » The City will provide timely and accurate data supporting strong climate mitigation and adaptation actions.
 ADAPTING EARLY Page 54	<ul style="list-style-type: none"> » All climate-related risks to city infrastructure are minimized through early planning and action. » Victoria's natural environment flourishes in a changing climate. » All Victorians are empowered and prepared for climate impacts and emergencies.

5. **Sector Goals, Targets and Actions:** The CLP is broken out into five chapters covering five sectors: buildings, mobility, waste management, municipal operations and adaptation. In each chapter, high-level goals describe broad climate action objectives for the sector that are supported by more detailed targets and a list of actions. Colour-coding identifies which actions are underway, those the City intends to initiate by 2020, and others to follow in the future. Only some actions include well-defined strategies. For the rest, the City must first gain a fuller understanding of the related barriers and opportunities to determine how best to proceed. In all cases, performance metrics will be established to track progress.
6. **GHG Sector Target Highlights** (time-based applying to the goals above):

SECTOR	TARGETS
Low-Carbon, High Performance Buildings	<ul style="list-style-type: none"> • By 2030, all new buildings are 'net zero' energy ready • By 2050, all existing buildings meet new high efficiency standards • By 2030, heating oil is phased out • By 2050, all buildings exclusively use renewable energy
Low Carbon Mobility	<ul style="list-style-type: none"> • By 2030, 25 percent of all trips by Victoria residents are taken by public transportation • By 2030, 100 percent of BC Transit buses are renewably powered • By 2030, Victoria residents choose walking and cycling for 55 percent of all trips • By 2030, renewable energy powers 30 percent of passenger vehicles registered in Victoria, and 100 percent of passenger vehicles are renewably powered by 2050 • By 2030, 30 percent of commercial vehicles operating in Victoria are renewably powered • By 2030, 100 percent of Victoria's neighbourhoods are "complete" by design with substantial transportation system diversity
Low Carbon Waste Management	<ul style="list-style-type: none"> • Eliminate 100 percent of food and yard waste sent to the landfill by 2030 • Eliminate 100 percent of other organic materials sent to the landfill by 2030 • Capture methane from collected organic waste to provide renewable energy by 2025
Municipal Operations	<ul style="list-style-type: none"> • By 2040, all City facilities are powered by 100 percent renewable energy • All new City facilities are renewably powered • By 2025, all City power tools and small engine-driven equipment are renewably powered • By 2040, 80 percent of the City's fleet is electrified or renewably powered • By 2020, capital and operating plans are informed by climate data, carbon pricing, and the City's GHG reduction targets • By 2022, the City has developed a 'triple bottom line' accounting system that guides City business planning by assessing and balancing environmental and social risks and financial costs and opportunities

	<ul style="list-style-type: none"> • By 2022, partner with other local governments and the region to develop a community-accessible Energy and GHG information management System (EGIMS) to define, communicate and track community energy and GHG reduction across all sectors
Adapting Early	<ul style="list-style-type: none"> • Climate resilience is embedded into all City business • The City's infrastructure and services are ready to protect and respond to the risks associated with a changing climate • Natural habitats support healthy fish, wildlife, and plant populations and healthy ecosystem function • The community is knowledgeable and prepared to address the impacts from a changing climate • The City incorporates best practices in risk communication (e.g. advanced warning systems, short videos) covering all climate hazards • Climate resilience enhances quality of life for all Victorians, especially the most vulnerable

Climate Action Program Update

Starting in January of this year, staff began work on advancing the staffing and key priorities approved by Council in December. Work on the City's EV Ecosystem strategy is underway and the installation of additional electric vehicle charging stations will take place later this summer. Staff are also working to advance the City's Corporate Energy Management Plan and to develop a home retrofit strategy. In February, the City became host to the ICLEI Canada BC office. Staffing wise, work is underway to continue supporting the Fortis BC Energy Specialist position and to staff a Corporate Energy Manager. Staff have also been focused on the development of a comprehensive Climate Action Program community engagement strategy and will continue this work in Q3 and into Q4. A full status update on all staffing and priority actions is found in Annex B.

2018 Climate Program Outlook

The remainder of 2018 will be focussed on the completion of priority staffing and actions approved in December 2017. This includes advancing the EV ecosystem study, development of a Corporate Energy Management Plan and a home retrofit strategy. Efforts and discussion will also focus on long-term strategies to fund both community and corporate GHG reduction and renewable energy projects.

An important initiative in 2018 includes staff working closely with community members and key stakeholders to discuss opportunities for GHG reductions, engagement, partnerships and collaboration. Staff remain focused on developing a comprehensive and wide-reaching engagement strategy for climate action in the city that will include the development of a climate ambassadors program.

OPTIONS & IMPACTS

This report outlines the CLP recommended for Council's consideration and approval.

Option 1: Approve the Climate Leadership Plan (**Recommended**).

Option 2: Defer adoption of this version of the CLP and direct staff to make alterations.

Council may choose to defer adoption of plan, descope, or implement a different set of actions. If Council supports the adoption of the CLP then the pace of change can remain high, and GHG reduction strategies can continue, with a focus on building community capacity for change, building retrofit strategy development, and EV charging infrastructure. Staff can review and reconsider the plan, as Council directs.

Accessibility Impact Statement

Infrastructure planning will always incorporate both accessibility and climate action design requirements.

2015 – 2018 Strategic Plan

Aligns mainly with objective 12 (Plan for Emergencies including Climate Change, Short and Long Term) and closely with 1, 8, and 13.

Impacts to Financial Plan

Climate Action Program requirements are normally met by drawing funds from the Climate Action Reserve, which has approximately \$380,000 available (uncommitted) funds. These monies are topped-up annually using CARIP, and from 2018 will include LED street light replacement program energy (amount to be confirmed at the end of Q4). The CARIP and LED savings are also intended to fund ongoing City energy savings initiatives, and to maintain healthy reserve levels. Provincial Gas Tax Funds may also be suitable each year for GHG and climate related initiatives.

Priority Climate Action Program spending for the remainder of 2018 is budgeted and planned to meet Council's approved priorities from December 2017.

Staff remain focussed on implementing actions that achieve the highest GHG reduction per dollar of investment together with co-benefits to other Council priorities, including health and well being, affordability, and sustainability.

Financial planning across all City departments consider the requirements to meet the objectives set forth in the CLP and will include energy and GHG related reductions as part of their annual financial planning.

More detailed funding strategies, including grant and partnering arrangements will be outlined in staff's next program update to Council in Q4 2018.

Official Community Plan Consistency Statement

OCP Sustainability Vision:

"Victoria is an urban sustainability leader inspiring innovation, pride and progress towards greater ecological integrity, livability, economic vitality, and community resiliency confronting the changes facing society and the planet today and for generations to come, while building on Victoria's strengths as a harbour-centred, historic, capital city that provides exceptional quality of life through a beautiful natural setting, walkable neighbourhoods of unique character, and a thriving Downtown that is the heart of the region."

Section 12 - Climate Change and Energy Goals:

- 12(A) Victoria and Victorians are more resilient to climate change and energy scarcity and costs.

- 12(B) New and existing buildings are energy efficient and produce few greenhouse gas emissions.
- 12(C) Transportation options reduce fossil fuel dependence, help conserve energy and produce low greenhouse gas emissions and other air contaminants.
- 12(D). The waste stream to the regional landfill is reduced to a minimum, with recovery, re-use, recycling and composting of resources undertaken as standard practice.
- 12(E) Victoria relies on clean renewable, diverse and efficient energy sources.

Section 12 – Climate Change and Energy Broad Objectives:

- 12(a) That climate change is mitigated through the reduction of greenhouse gas emissions from buildings, transportation and solid waste.
- 12(b) That the community is prepared for climate change through adaptation planning that reduces future impacts on public health, property and the natural environment.
- 12(c) That community energy consumption and generation are managed to give priority to conservation and efficiency, diversification of supply, renewable energy, and low carbon fuels.
- 12(d) That the supply, distribution and efficient use of energy, including the provision of renewable energy at the district scale, is achieved in alignment with the urban Place Guidelines in this plan.

CONCLUSION

The Climate Leadership Plan (CLP) is presented for Council's consideration, and reflects two years of staff work centred around planning, modelling, mapping and expert GHG/energy/climate action consultation. The final draft is a product of staff led, community inputs, and subject matter expertise. More targeted community engagement will continue, starting in September 2018.

In the coming months, the Climate Action Program will focus on the progression and completion of the 2018 priority actions, continued climate research and analysis, and public and stakeholder engagement.

The City will invest in collaborative communication with neighbourhood associations, businesses and business groups, transit and utility providers, developers, youth focused organizations and networks, and non-profit organisations to promote the most uptake and discussion of the plan to achieve the required 80 percent GHG reductions and a transition to 100 percent renewable energy.

Staff recommend that Council approve the Climate Leadership Plan and direct staff to continue progression of the 2018 priority actions, distribution of the plan across the community and ongoing Climate Action Program planning.

Respectfully submitted,



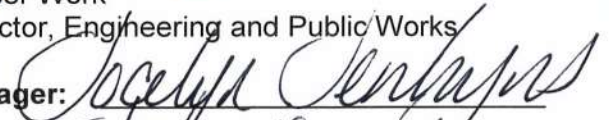
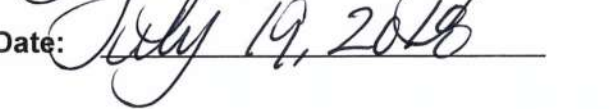
Jess Dawe
Manager, Energy and Climate Action



Fraser Work
Director, Engineering and Public Works

Report accepted and recommended by the City Manager:

Date:

Attachments:

- Appendix A – Climate Leadership Plan Final Draft for Council Consideration
- Appendix B – Engagement Summary
- Appendix C – Redacted Emails/Submissions
- Appendix D – Climate Action Program Update Details