

Purpose

- Provide an overview of the Climate Leadership Plan (CLP) and the Climate Action Program (CAP);
- Respond to Council's queries related to climate action progress;
- Present staff's recommendation for CAP in 2019

VICTORI

(CoTW, p. 3)

Background

August 2016: Council motion to establish a long-term greenhouse gas (GHG) reduction target for both corporate and community emissions consistent with global reduction goals of 80% GHG reduction by 2050, including a corresponding target of 100% renewable energy.

Dec 2016: staff provided update on development of Climate Leadership Plan (CLP).

Sept 2017: staff provided update on development and structure of CLP.

Dec 2017: staff presented draft CLP; Council directed staff to carry out community and stakeholder engagement and report back with final CLP in June. Council also approved allocation of over \$400,000 from Climate Action Reserve Fund (CARF) for priority staffing and actions.

July 2018: Council approved the City's Climate Leadership Plan and staff provided Council with an update on the Climate Action Program (CAP).

October 2018: Intergovernmental Panel on Climate Change (IPCC) released a special report.

December 2018: Council adopted the motion, "Leadership for Climate Action," directing staff to report back on options for acceleration of climate action. (CoTW, p. 3-4)



Vision 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. (CLP, p. 18)



Goals	SECTOR		CLIMATE LEADERSHIP GOALS	
		BUILDINGS Page 24	» All buildings are highly energy efficient. » All buildings are powered by renewable energy.	
		MOBILITY Page 34	 » 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	» Organic materials are managed to avoid GHG emissions.	
		MUNICIPAL OPERATIONS Page 48	 > 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	 > 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. 	(CLP, p. 7) (CoTW, p. 6)















Considerations for Program Acceleration That Council direct staff to report back on options for expediting implementation of the Climate Leadership Plan, including options for: 1. Accelerating the reduction of the City of Victoria's corporate emissions. 2. Expediting the transition of the municipal vehicle fleet, as well as the transition of passenger vehicles, commercial vehicles and the VicPD fleet to renewable energy. 3. Mandating electric-vehicle charging capacity in all new construction that provides on-site parking, including a possible exemption for affordable housing. 4. Accelerating the implementation of the BC Energy Step Code for new buildings. 5. Accelerating the retrofitting of existing buildings for energy efficiency, including incentives for the installation of solar hot water, heat pumps and other clean energy technologies. 6. Expediting waste reduction and the capture and re-use of methane. 7. Reviewing the targets in the Climate Leadership Plan to account for GHG emission reductions necessary to limit global warming to 1.5°C. 8. Increasing transparency of the City's annual reporting on emissions targets (CoTW, pp. 14-16)





Th	at Council:
1.	Direct staff to proceed on the basis of option 2
2.	 Approve the Council Proposed Actions to advocate to the Province for the following immediate actions: Make available all ICBC municipal vehicle km/make/model/fuel economy information. Continue the development and implementation of world-class low carbon fuel standards. Continue progressive and direct funding programs and partnerships for municipal low-carbon initiatives, including building retrofit, transportation, waste management and other priority and shared GHG reduction programs. Fully invest in delivery of the zero-emission vehicles sales targets as established in the CleanBC Plan. Support transformational improvements to regional BC transit infrastructure to promote and enable rapid mode shift to transit in the region, including transitioning the BC Transit fleet to zero emissions as early in the 2020s as possible, and: Completion of dedicated bus lanes on all connections between the West Shore and downtown Installation of Traffic Signal Priority (TSP) sensors in all buses that operate in the City of Victoria. Introduction of read-imme, digital bus information to enable super-convenient, accessible transit operational information. Introduction of "tap" payment-systems common to multi-modal service providers, to support rapid loading of busses and align with Smart Mobility goals. Completion of the business-case to determine the most effective investments in public transportation to realize the highest potential mode-shift and ridership in the south island, including but not limited assessing commute ferry, public transit along the E&N rail corridor and Douglas Street / Highway 1/ Highway 99, bus rapid transit (BRT) or light-rail transit (LRT). VII. Reporting of annual regional transit GHG and combustion pollutants, mitigation priorities, progress and business cases for investments.
	And that Council continue to advocate and engage with the CRD to prioritize the introduction of systems to minimize fugitive methane and









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