

Community Need

2021 Summary



Climate Action & Adaptation

Strategy

Target Outcome

We envision reduced greenhouse gas emissions, triple-bottom-line solutions and progress on adaptation

Strategic Context

Strategies

- [Corporate Climate Action Strategy](#)
- [Regional Climate Action Strategy](#)
- [Regional Growth Strategy](#)
- [Regional Water Supply Strategic Plan](#)
- [Special Task Force on First Nations Relations](#)
- [Statement of Reconciliation](#)
- [Solid Waste Management Plan](#)

Trends, risks and issues

- A Climate Emergency Declaration with a commitment to accelerate corporate and community efforts was made in February 2019; this will guide the updating of the CRD's Climate Action Strategies in 2021.
- There was a 1% reduction in the overall regional greenhouse gas emissions (GHG) reductions between 2007 and 2018, equivalent to 14% reduction per capita. Population growth and concurrent economic growth will continue to add emissions as the region transitions to a reduced dependence on fossil fuels.
- Climate is changing, which will result in various regional impacts to human health, water supply and demand, rainwater and coastal storm management, transportation networks, ecosystems and species, buildings and energy systems, tourism and recreation, and food and agriculture
- Climate action is a shared responsibility and the regional government has a limited role focused on research, education and outreach, facilitation, regional program delivery, and managing emissions and adaptation within its own service delivery.

Services

Core Services Levels	
Service	Levels
Community Climate Action To support and align regional climate action efforts with local governments related to strategies, policies and programs, and liaising and coordinating information and efforts with senior levels of government. Provide climate data and indicators, public education and community programming.	<ul style="list-style-type: none"> • Advance regional and climate mitigation and adaptation goals. • Lead regional-scale community initiatives and research activities. Pursue grants for regional programming. • Facilitate regional coordination, knowledge sharing, capacity building and advocacy.
Corporate Climate Action CRD services will embed climate action within their own service delivery with support from Climate Action program staff. The program will support the organization with its corporate climate goals/commitments, develop and monitor corporate policies related to climate action, undertake annual reporting, support corporate building and fleet emission reduction and climate preparedness initiatives.	<ul style="list-style-type: none"> • Development of corporate climate action policy related to corporate fleet, buildings and other capital projects • Develop and monitor corporate climate action plans and strategies • Complete annual reporting
Support Services The core services listed rely on the support of several corporate and support divisions to effectively operate on a daily basis. These services are reported on in the Accountability Community Need Summary.	<ul style="list-style-type: none"> • Services include: Human Resources & Corporate Safety, Corporate Communications, Asset Management, Financial Services, Information Technology & GIS, Information Services, Legislative Services, Facility Management, Fleet Management, Legal Services, Risk & Insurance and Real Estate Services.

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Initiatives

Initiatives approved in prior years, which have been now been delivered or absorbed in Core Services.

- 5a-1 – Climate Emergency
- 5a-2 – Collaborate with local governments
- 5a-4 – Facilitate networks
- 5a-5 – Create partnerships
- 5b-1 – Reduce corporate emissions
- 5b-2 – Landfill Gas Usage
- 5c-1 – Regional Sea Level Rise

Business Model

Funding

Who contributes

- All municipalities & Electoral Areas participate in these services.
- Support Services: varies per service

Funding Sources

- Requisitions and grants

Reporting Structure

- [Environmental Services Committee](#)

Community Need Key Performance Indicator (KPI)			
Definition and Source	2019 Actual	2020 Forecast	2021 Target
<p>Metric 1: Community GHG Emissions – target to decrease community GHG emissions by 33% from 2007 levels by 2020 and 61% by 2038.</p> <p>Percentage reduction in GHG emissions generated by community activities, including stationary energy, transportation, waste, industrial process and product use, agriculture, forestry and other land use; data from Regional GHG Inventory Study (Stantec, 2020)</p>	<p>1%* overall 14%* per capita</p>	<p>1%* overall 14%* per capita</p>	<p>Annualized target not currently available</p>
<p>Metric 2: Corporate GHG Emissions – target to decrease corporate GHG emissions by 33% from 2007 levels by 2020.</p> <p>Percentage reduction in GHG emissions generated by CRD operations; data from CRD 2019 Climate Action Annual Report</p> <p style="text-align: right;">* Based on 2018 results</p>	<p>18%*</p>	<p>20%</p>	<p>Annualized target not currently available</p>

Discussion

Link to Target Outcome

The metrics included provide community and corporate GHG reduction results.

Discussion

- Metric 1:** The CRD completed a regional GHG inventory in 2020, which provides emissions for 2007, 2010, 2012 and 2018 following the GPC Basic+ Framework. In 2018, the CRD emitted approximately 1.7 million tonnes of CO₂e. The region is not on track to meet its 2020 Regional Growth Strategy GHG reduction target. While a decrease is expected, it is unknown at this time what the impacts of COVID-19 will be on regional emissions. Refined KPIs will be determined during the update of the CRD Climate Action Strategy in 2021.
- Metric 2:** In 2018, CRD operations produced 2,299 tonnes of CO₂e. This represents an 18% reduction compared to 2007 levels. The CRD has been carbon neutral since 2012, through a combination of corporate reductions and with carbon credits generated through previous methane destruction from the Hartland landfill gas capture system. While COVID-19 impacts are expected to slightly reduce corporate emission in 2020, new services such as the McLaughlin Point Wastewater Treatment Plant are expected to increase overall emissions in 2020. A new target will be determined during the update of the CRD Climate Action Strategy in 2021.