

# COMMUNITY NEED SUMMARY

## Climate Action & Adaptation

### Strategy

#### Target Outcome

We envision reduced GHG emissions, triple-bottom-line solutions and progress on adaptation.

#### Related 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](#)

#### Core Service Levels

##### Community Climate Action

Support local governments in climate goals/commitments, liaise and advocate to senior levels of government. Provide climate data and indicators, public education and outreach.

##### Corporate Climate Action

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.

#	Initiatives	Description	Budget Year	New FTEs For 2020	Budget Impact
5a-1	Climate Emergency	Declare a Climate Emergency & take a leadership role to pursue regional carbon neutrality by 2030	2020-2022		Absorbed in core service

#	Initiatives	Description	Budget Year	New FTEs For 2020	Budget Impact
5a-2	Collaborate with local governments	Work with local governments to further reduce emissions from buildings, transportation & solid waste	2020-2022		Absorbed in core service
5a-3	Model Bylaws	Develop model bylaws and best practices for use by municipalities and Electoral Areas	2020-2022		Absorbed in core service
5a-4	Facilitate networks	Utilize formal networks to support inter-municipal coordination & undertake regional programs	2020-2022		Absorbed in core service
5a-5	Create partnerships	Increase number of strategic partnerships to achieve community mitigation & adaptation goals	2020-2022		Absorbed in core service
5b-1	Reduce corporate emissions	Identify & implement projects to reduce corporate GHG emissions, referencing the Corporate Climate Action Strategy	2020-2022		Absorbed in core service
5b-2	Landfill Gas Usage	Determine best use of landfill gas to achieve the CRD's corporate targets in conjunction with the Solid Waste Management Plan	2020		Absorbed in core service
5b-3	Corporate strategies	Identify corporate mitigation & adaptation strategies that could most benefit from seed funding	2020-2022		Absorbed in 5b-1
5b-4	GHGe Reduction through alternative fuel	Determine how to reduce Green House Gas Emissions through an alternative fuel source or by off-setting	2020 - 2022		Included in Provisional Budget

#	Initiatives	Description	Budget Year	New FTEs For 2020	Budget Impact
5b-6	Corporate Climate Action Strategy	Update Corporate Climate Action Strategy with objective of pursuing carbon neutrality	2020 - 2021		Absorbed in 5b-1
5c-1	Regional Sea Level Rise	Undertake detailed regional sea level rise modeling & mapping to inform local government of flood hazard plans & policies	2019 - 2020		Included in Provisional Budget
5c-2	Regional Climate Action Strategy	Advance progress on regionally coordinated climate & energy policy approaches & clarify CRD's role, including updating the Regional Climate Action Strategy.	2020		Already funded

## Business Model

### Value Proposition

#### Environmental Protection

The Environmental Protection division provides corporate leadership and regulatory coordination for climate action through strategic planning, mitigation and adaptation research, reports, public education and project delivery.

#### Environmental Resource Management

The Environmental Resource Management division minimizes impacts to the environment by promoting waste reduction to the community and efficiently and effectively managing the region's solid waste in an environmentally, socially and economically responsible manner.

### Who Contributes

All municipalities & EAs participate in these services.

## Metrics

### Metric #1

**Target:** Decrease community GHG emissions by 33% from 2007 levels by 2020 and 61% by 2038.

**Current Status:** Progress toward this target remains unknown due to incomplete Provincial Community Energy and Emissions Inventory data since the year 2010. In light of this, the CRD plans to complete a regional GHG inventory in late 2019.

### Metric #2

**Target:** Decrease corporate GHG emissions by 33% from 2007 levels by 2020.

**Current Status:** In 2018, CRD operations produced 2,299 tonnes CO<sub>2</sub>e. This represents an 18% reduction compared to 2007 levels.