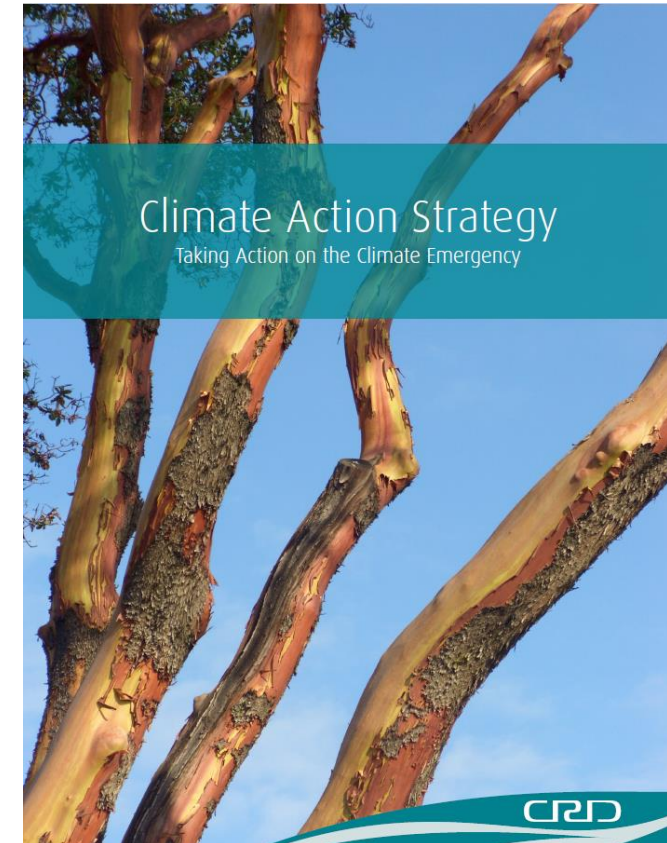
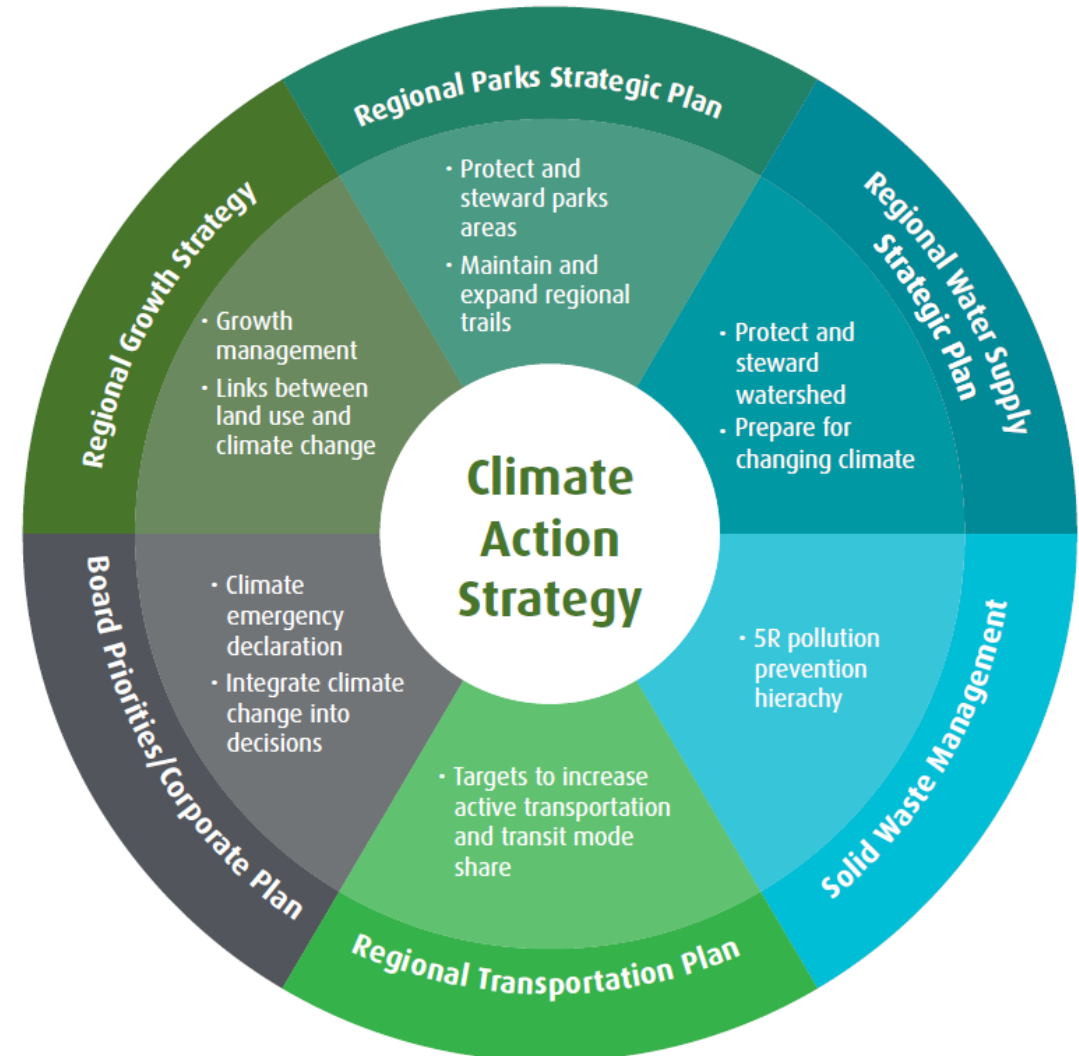


Climate Action Strategy 2021


Taking Action on the Climate Emergency



- Review and evaluation
- Best practice review
- Multi-stage engagement
 - Municipal partners
 - CRD divisions and services
- Data analysis
- Development of five-year action plan



Through collective action, we eliminate emissions and foster healthy and resilient communities and natural areas now and in the future.



- **Leadership:** bold action to eliminate greenhouse gas (GHG) emissions from corporate operations, prepare CRD assets for the changing climate, and integrate climate action across the local and regional services.
 - **Urgency:** Actions to mitigate the impacts of climate change are swift and substantial.
 - **Collaboration:** among municipal, provincial, federal and First Nations governments, businesses, organizations and residents.
 - **First Nations relations:** support Indigenous-led climate solutions grounded in Indigenous self-determination, shared prosperity and respect Indigenous relationships with the land, water and all beings.
 - **Equity:** inclusive and accessible to residents across the region, particularly those most vulnerable to the impacts of climate change.
 - **Co-benefits:** maximize co-benefits, including GHG reductions, resilience, affordability, economic opportunities, health and well-being, reconciliation, and more.
- 

Targets

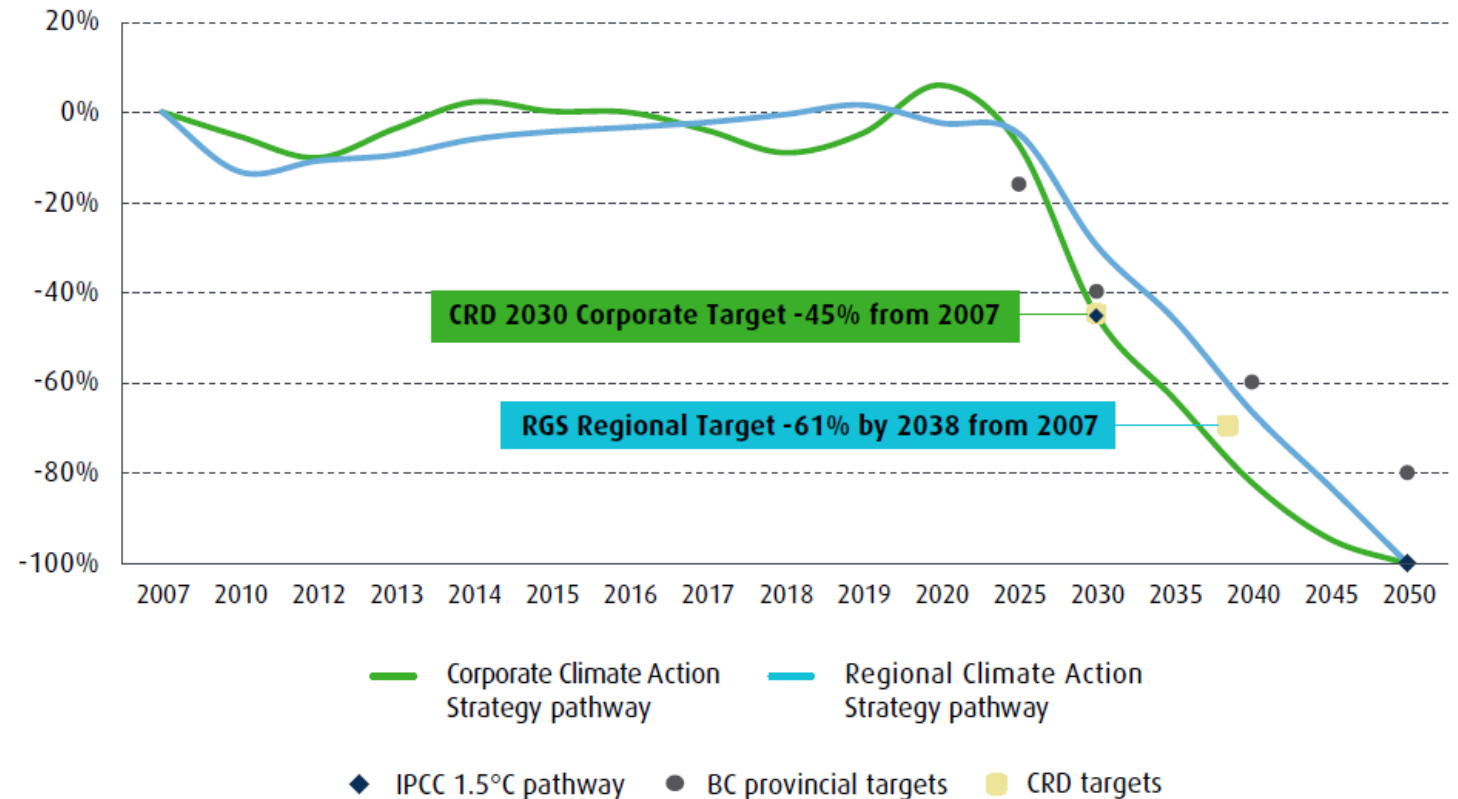
Reduce corporate GHG emissions:

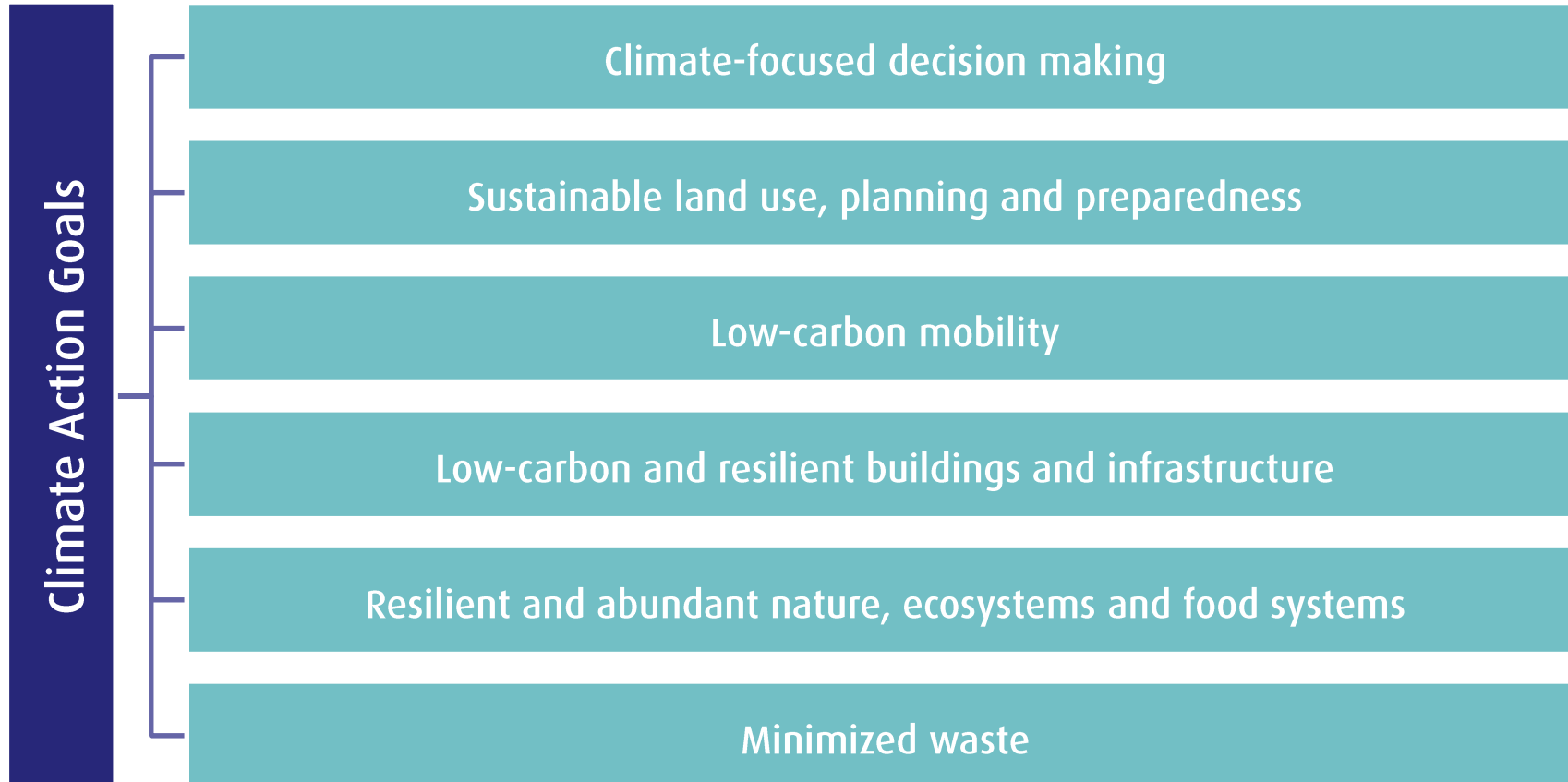
- **45% ↓ by 2030**
- **Net-zero by 2050**

Reduce regional GHG emissions:

- **61% ↓ by 2038**
- **Net-zero by 2050***

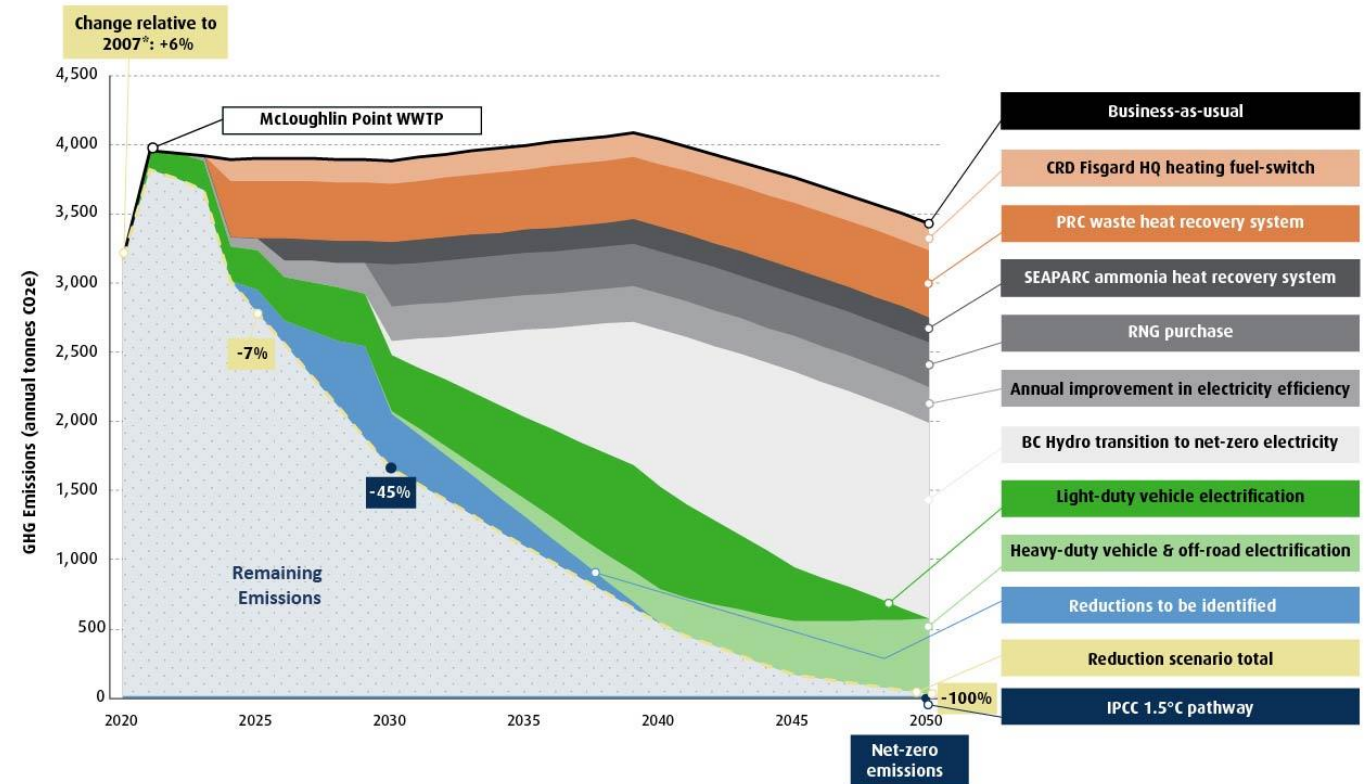
*As per Intergovernmental Plan on Climate Change (IPCC) Pathway/Climate Emergency Declaration





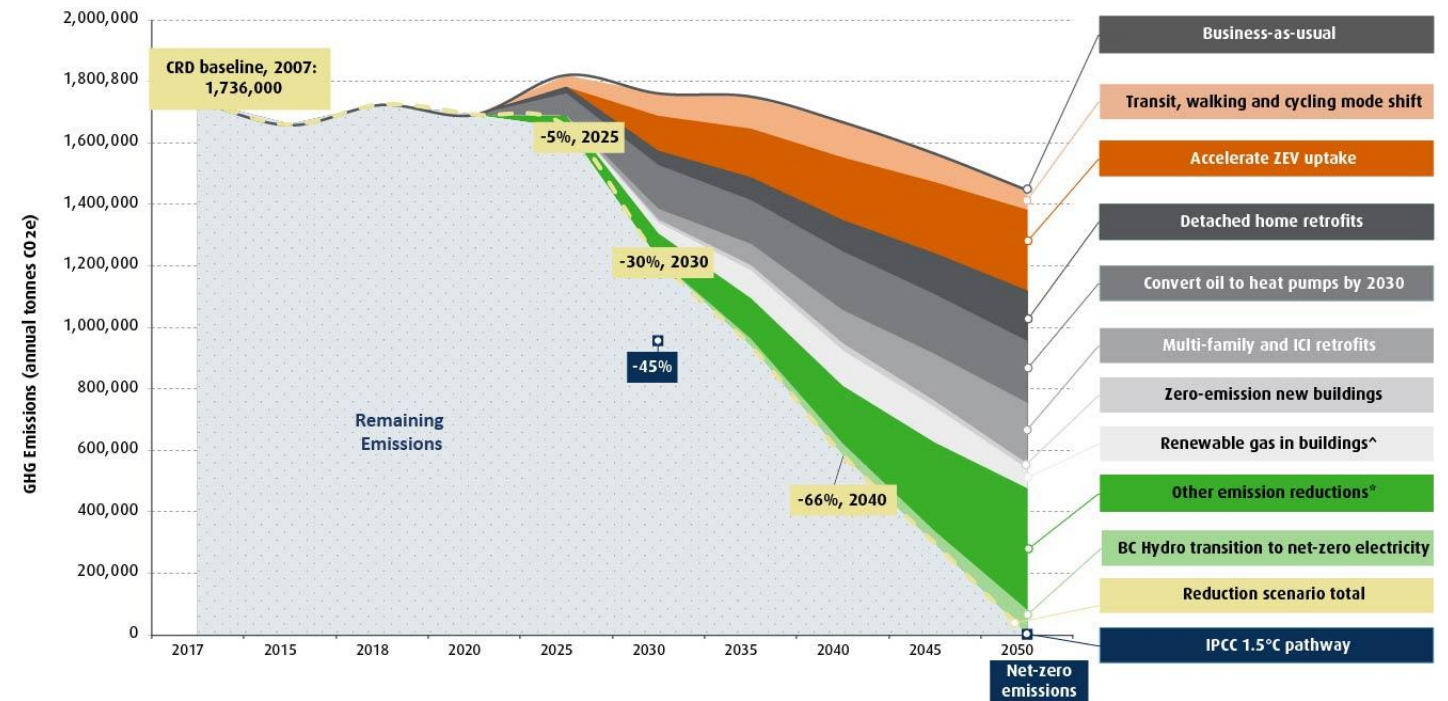
Emissions Reduction Pathway – Corporate Scenario

- There is an identified path to achieving emissions targets
- Each action is critical; we only just meet the target
- Some necessary reductions still need to be identified (blue area)



Emissions Reduction Pathway – Regional Scenario

- Business as usual based on existing policy directives; one potential scenario
- Requires all levels of government and community to achieve
- The CRD can play a role in coordinating local policy and leading programs



- Changes to our climate are already noticeable and will increase
- Potential impacts:
 - transportation network disruptions
 - power outages
 - increasing wildfire risk
 - flooding of homes and infrastructure
 - negative health outcomes

CRD climate adaptation planning

- Climate Projections for the Capital Region
- Capital Region Coastal Flood Inundation Mapping Project
- Corporate Climate Change Risk Assessment
- Adaptation planning for the Greater Victoria Drinking Water Supply Area
- Community Climate Change Adaptation Priorities for the Capital Regional District

Five-year Action Plan

What do we do first?

Goal 1: Climate action priorities are integrated at all levels of decision-making across the organization.

CRD's Role:

- Operational decision-making

Sample summary actions:

- Expanded CRD climate lens framework
- Internal carbon pricing policy
- Staff capacity building
- Embedding Indigenous knowledge



Goal 2: Support the region on its pathway to livable, affordable and low-carbon communities that are prepared for climate change.

CRD's Role:

- Regional planning
- Juan De Fuca land use planning
- Emergency management in Electoral Areas
- Inter-municipal coordination
- Data management
- Southern Gulf Islands Administration & Salt Spring Island Administration

Sample summary actions:

- Monitor Regional Growth Strategy
- Collect and share regional energy, emissions and climate projections data
- Support regional capacity building
- Coordinate with emergency managers & planners on embedding climate risk in planning & outreach activities

Goal 3: Rapidly reduce corporate fleet emissions. Support, endorse and encourage active, public and zero-emission transportation options.

CRD's Role:

- CRD fleet
- Regional trail system
- Regional planning
- Electoral Area transportation
- Advisor on transit
- Data management
- Community programs

Sample summary actions:

- Advance zero emission corporate fleet
- Develop regional Transportation Demand Management approach
- Accelerate active transport infrastructure
- Collect transportation planning data
- Zero emission/active travel education
- Support acceleration of transit improvements
- Support public Electric Vehicle charging network

Goal 4: Accelerate energy efficiency, emission reductions and enhanced resilience in CRD buildings and infrastructure. Support and encourage the same for all buildings and infrastructure across the region.

CRD's Role:

- CRD buildings & infrastructure
- Electoral Area building inspection
- Data management
- Community programs

Sample summary actions:

- Energy studies and corporate retrofits
- Climate friendly new development in Capital Region's Housing Corporation and Capital Regional Hospital District facilities
- Energy and emissions reduction education
- Support energy retrofit programs
- High performance building policy support
- Promote green infrastructure

Goal 5: Protect, conserve and manage ecosystem health and nature's capacity to store carbon and adapt to climate change. Support the ongoing ability of natural systems to sustain life.

CRD's Role:

- Land & water stewardship
- Land acquisition
- Community & inter-municipal coordination
- Education & outreach
- Regional planning

Sample summary actions:

- Embed climate into Regional parks strategic planning
- Climate adaptation initiatives in Greater Victoria Drinking Water Supply Area
- Ecological data collection
- Support regional forest and urban tree programming
- Lead regional invasive species program
- Support local food and agriculture

Goal 6: Waste generation and the resulting emissions are minimized and remaining waste is transformed into a resource.

CRD's Role:

- Solid waste management planning
- Liquid waste management planning
- Education and outreach

Sample summary actions:

- Implement Solid Waste Management Plan
- Promote circular economy, zero waste and 3Rs (recycle, reduce and reuse)
- Support engagement on waste management delivered by First Nations
- Landfill gas collection maximization and beneficial use (e.g. Renewable Natural Gas)

Implementation & Reporting

- Performance indicators by goal
- Action tracking
- Annual reporting
- Adaptive management
- Five-year review & update

