



GOAL 11:

Integrate green infrastructure into planning

Indicator: Completion of natural asset mapping and inventory and development of green infrastructure guidelines.

GOAL 12:

Preserve and enhance natural environments

Indicators: Number of projects, actions or initiatives targeted at conservation, restoration, or improvement of natural areas. Percentage of protected land area (ha) in the region.

OVERVIEW

Healthy ecosystems and green spaces are essential to the region's socio-ecological well-being. They provide essential services such as carbon sequestration, flood mitigation, and temperature regulation, supporting both climate adaptation and mitigation. Additionally, these natural areas enhance the quality of life for residents by improving air quality and water quality, offering recreational spaces, and contributing to overall community well-being.

However, the region's ecosystems are increasingly at risk due to climate change, with threats such as extreme weather events, invasive species, and

shifts in biodiversity. Protecting and enhancing these ecosystems is essential for long-term resilience.

To strengthen the region's natural spaces, the PRRD aims to restore degraded habitats, preserve and expand existing green areas, and develop a comprehensive inventory of its natural assets. By prioritizing the protection and growth of green spaces, the PRRD can enhance the long-term sustainability and resilience of its ecosystems and communities.



Goal 11: Integrate natural and green infrastructure into planning

REGIONAL DISTRICT SCOPE	TIMEFRAME
<p>11.1 Prepare natural asset maps and inventory</p> <p>Build an inventory of the region's natural assets to support sustainable planning, conservation, and climate resilience based on outcomes of a Hazard, Risk and Vulnerability Assessment (HRVA). This mapping will identify key resources, such as forests, wetlands, and rivers, to inform land-use planning, infrastructure development, and development permit area guidelines, helping prioritize areas for climate resilience efforts</p>	Long (5+ years)
<p>11.2 Implement green infrastructure in development projects</p> <p>Develop guidelines for the preservation of green spaces and inclusion of landscaping in new developments to manage stormwater, support biodiversity, and reduce heat.</p>	Medium (2-5 years)

Goal 12: Preserve and enhance natural environments

REGIONAL DISTRICT SCOPE	TIMEFRAME
<p>12.1 Expand and connect PRRD-owned natural areas</p> <p>Prioritize the expansion of PRRD-owned green spaces and the creation of habitat corridors. Ensure that new developments contribute to local parkland through parkland dedication and coordinate with the province to enhance regional connectivity.</p>	Medium (2-5 years)
<p>12.2 Restore, manage, and maintain natural areas</p> <p>Restore degraded natural areas (e.g., closed landfills) through active rewilling and restoration efforts, including adaptive monitoring, and ensure ongoing management and maintenance to enhance biodiversity and ecosystem services.</p>	Medium (2-5 years)
<p>12.3 Implement parkland dedication requirements</p> <p>Establish a requirement for new subdivisions that up to 5% of land be dedicated as parkland or to accept cash in lieu for future park acquisitions or improvements, as enabled by legislation.</p>	Short (1-2 years)