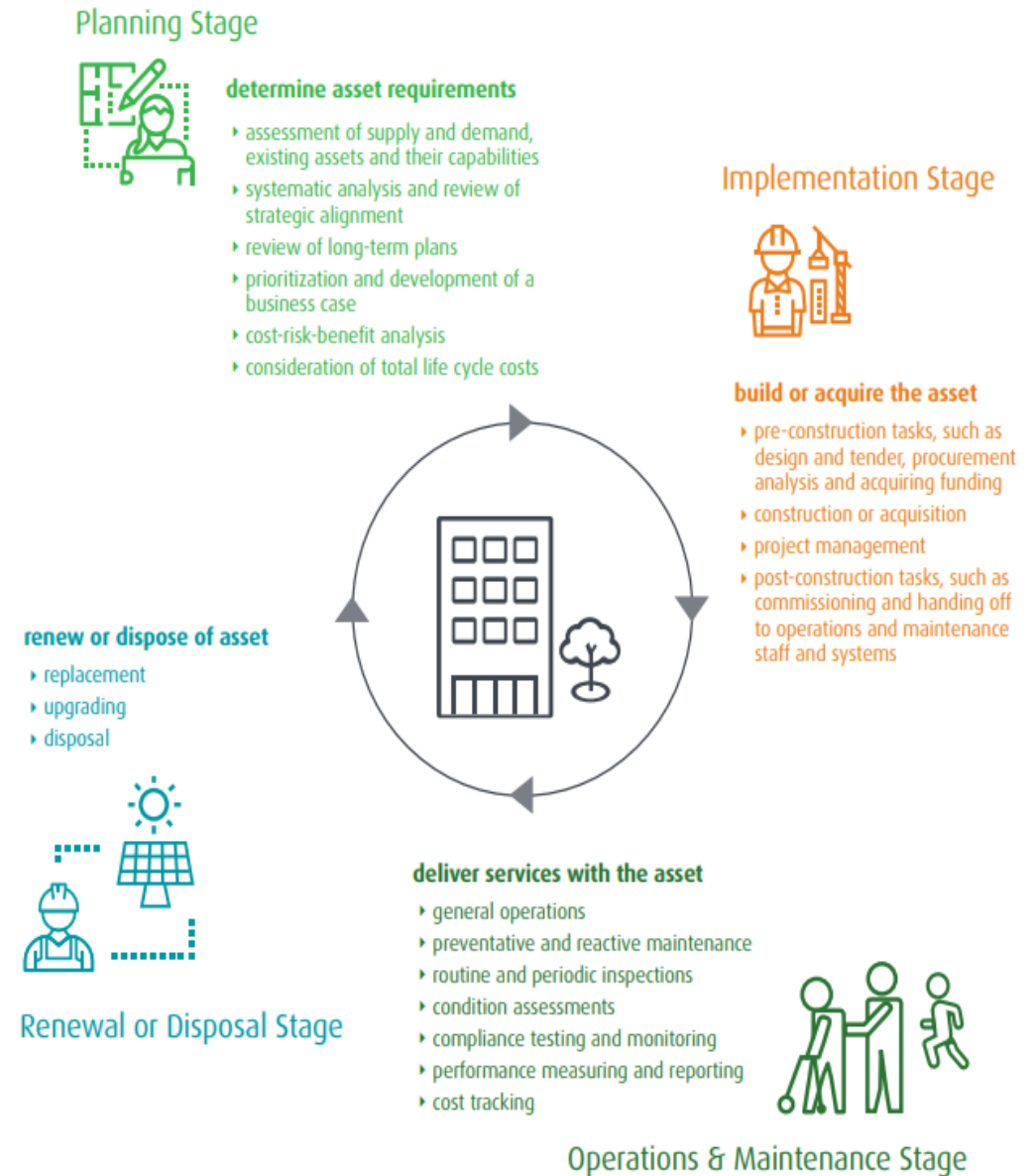


Asset Management Strategy

Water Advisory Committee
May 27, 2025

Asset Management Overview

- Scope of assets
- Asset life cycle stages
- Requirements for asset management
 - Data
 - Process
 - Technology
 - People

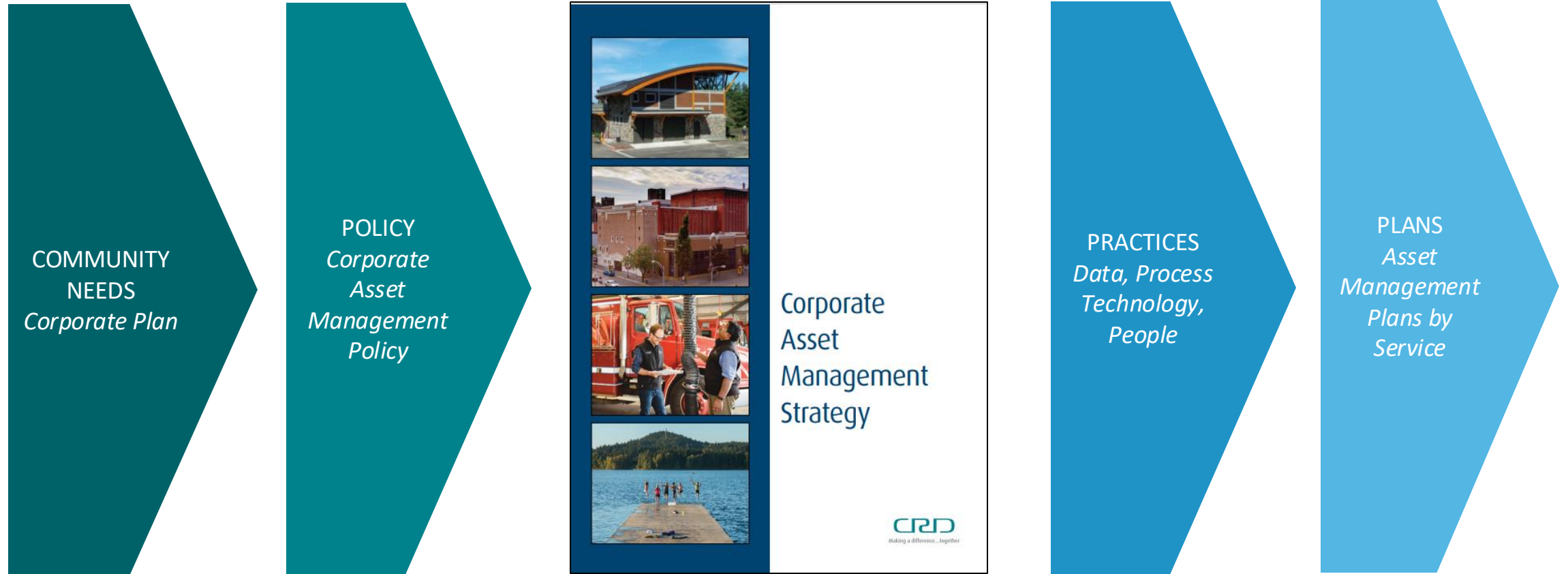


Benefits of Asset Management

- Reduce risk of asset failure (aging critical infrastructure)
- Optimize asset performance and lifespan
- Increase operational efficiency
- Increase transparency of asset health and service costs
- Improve asset data for capital decision-making and financial planning



Corporate Asset Management Strategy





COMMITMENT 3:

Provide efficient, effective and innovative operations of our water system infrastructure

PRIORITY ① Make evidence-based and community-responsive infrastructure decisions to ensure reliable system performance and sustainability.

ACTIONS

Near-Term Actions

- 💧 Continue to develop and consolidate various risk registries to prioritize expenditures based on those identified risks.

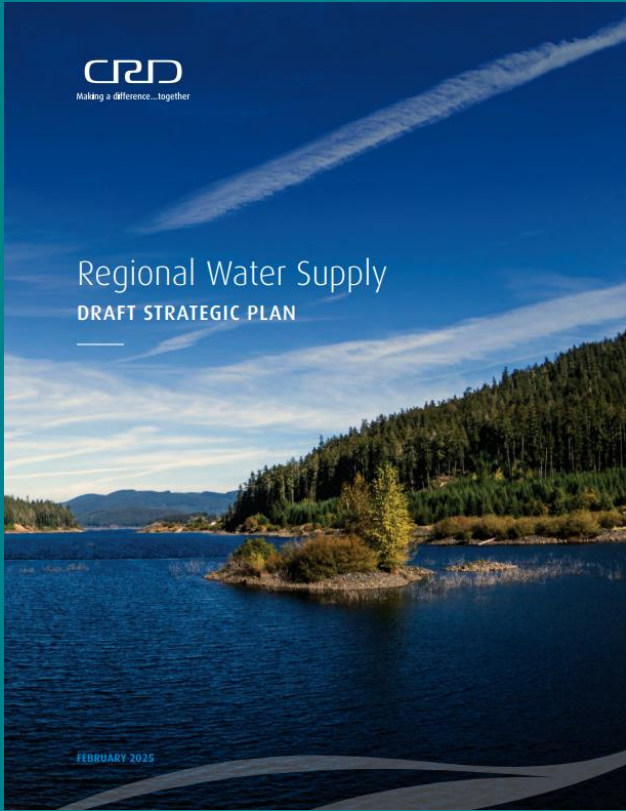
Medium-Term Actions

- 💧 Mature our asset and maintenance management processes to maximize data driven decision-making.
Example Initiatives:
 - a. Define data standards and Key Performance Indicators (KPIs) related to maintenance and asset management and develop dashboards to track and identify trends.
 - b. Refine the comprehensive asset management plan to prioritize key maintenance and capital projects.
- 💧 Refine maintenance plans to optimize and extend asset life.
- 💧 Continue to develop and improve our SCADA system to inform operational decision making.

Longer-Term Actions

- 💧 Create and automate an integrated process narrative for the transmission system to optimize system performance and improve energy efficiency.
- 💧 Expand the critical spare parts program to continue to reduce system downtime or service interruptions.
- 💧 Invest in technology for decision-making support and reporting.

Alignment with Regional Water Supply Strategic Plan



Corporate Asset & Maintenance Management Division

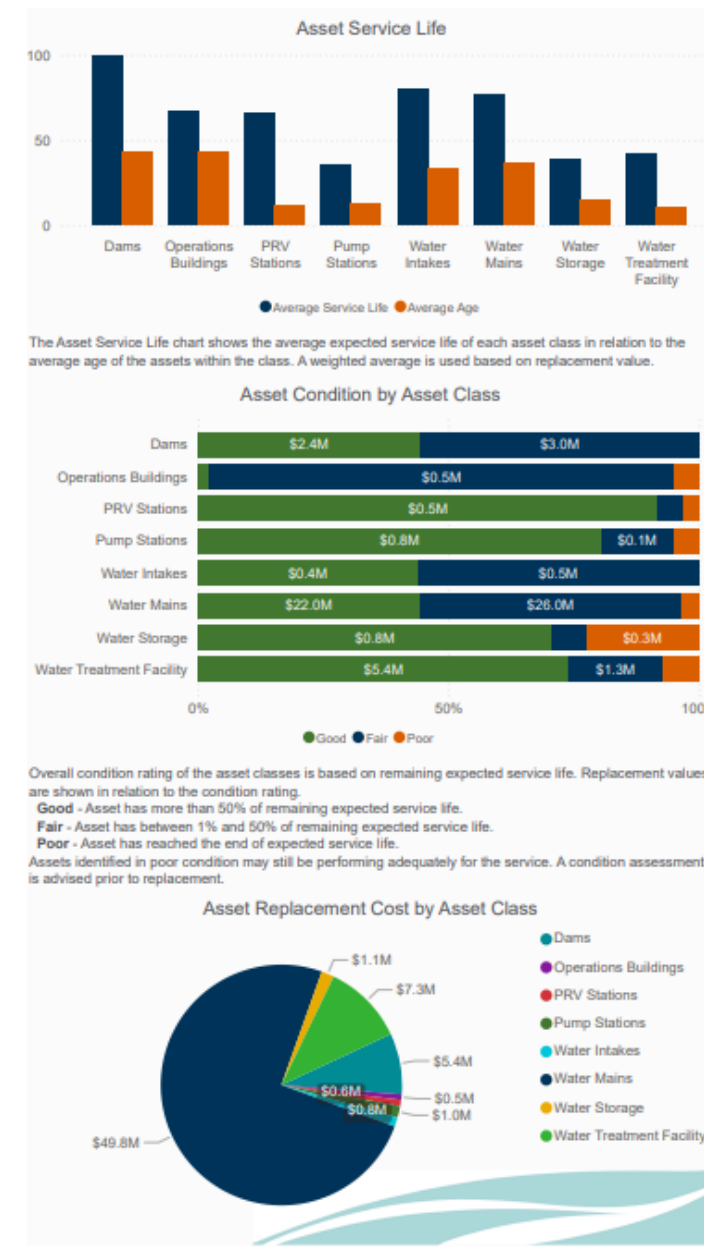
Core Functions

- Define asset data standards and performance measures
- Refine asset management plans
- Maintain asset records and preventative maintenance plans
- Report on asset health to inform maintenance and capital projects
- Implement asset and maintenance management software and business processes
- Manage spare parts inventory



Where we are now

- Advancing priority actions in the Strategy
- Developing first generation asset management plans by service
- Maintaining asset data in various systems
- Aligning data and processes to industry standards
- Building future state roadmaps for asset and maintenance management



Where we are going

- One source of truth for asset data
- Aligned processes, people, and technology
- Cost tracking at the asset level
- Real-time asset reporting
- Reliability-centered maintenance
- Risk-based replacement planning for all assets
- Consideration of natural asset management





Questions?