

Are you an **Asset Manager?**



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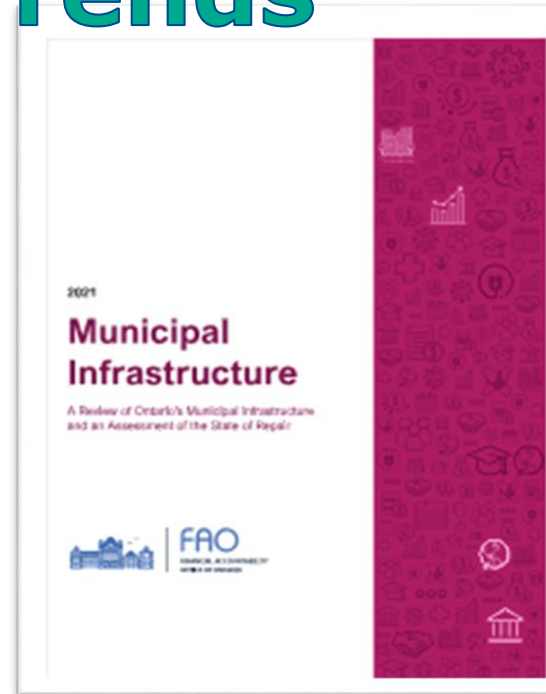
The Municipal Challenges

- The financial sustainability of our infrastructure networks
- Becoming increasingly reactive as assets degrade
- Demand to continue to build new infrastructure to support economic growth **and** cannot divest of facilities at end-of-life
- Demand to continue to include more and more enhancements with no new money

Common Trends

Asset challenges across Canada:

- Aging infrastructure
- Climate change
- Increasing renewal and replacement costs
- New provincial reporting requirements
- New policies and standards



So, what's the Solution?



What is Asset Management?



The Game Changer

O.Reg. 588/17 - Asset Management Planning for Municipal Infrastructure

- Provincial regulation that sets out requirements and timelines for municipal asset management.
- Some key dates,
 - Asset Management Policy by July 1, 2019
 - First Asset Management Plans for core infrastructure by July 1, 2022
 - First Asset Management Plans for other infrastructure by July 1, 2024
 - **Target Levels of Service by July 1, 2025**
- Includes direction on governance
- Includes frequency for update and review

O.Reg. 588/17 – Steps

PHASE 1

Asset Management Plans required for the City's infrastructure assets in their current state, with forecasted costs based on no changes to the service level, for the next 10 years.

2022 AMPs

Drinking water
Wastewater
Stormwater
Transportation

2024 AMPs

Community and Social Services
Emergency and Protective Services
Government Services and Information Technology
Greenspace and Forest Services
Library Services
Recreation and Culture Service
Solid Waste Services
Transit Services

PHASE 2

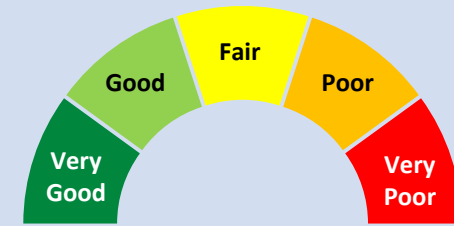
Asset Management Plans with a proposed level of service, for the next 10 years.

2025 AMPs

All AMPs updated to include:

- Proposed level of service and performance
- Lifecycle management and financial strategy
- Estimated capital expenditures and operating costs to achieve the proposed levels of service
- Funding projected to be available
- Risks associated with implementation and actions to respond to those risks

Condition and Level of Service



Condition	The physical state of an asset.
Level of Service	Indicates how an organization will leverage its assets to meet customer expectations and includes performance indicators that reflect social, environmental and economic outcomes.
Target Level of Service	Used to describe the City's desired outcome or quality of a service. Targets include set goals for key performance indicators.
State of Good Repair	Where physical condition of an asset is not negatively impacting its intended service. In other words, even if assets are showing signs of deterioration, through maintenance and targeted interventions, the service is being provided at an acceptable level of service.



Strategic Alignment with Municipal Context

Service Delivery – Our assets are there to provide a service to the public. The renewal, operations and maintenance all contribute to that service delivery

Financial Responsibility and Sustainability – Ensure that we are getting the most out of every tax/rate dollar – now and for the future

Public Confidence – provides a framework to make transparent decisions based on data which supports public confidence in our ability to manage our assets and optimize service delivery

Collaborative Work - Integrated and comprehensive approach centred around service delivery



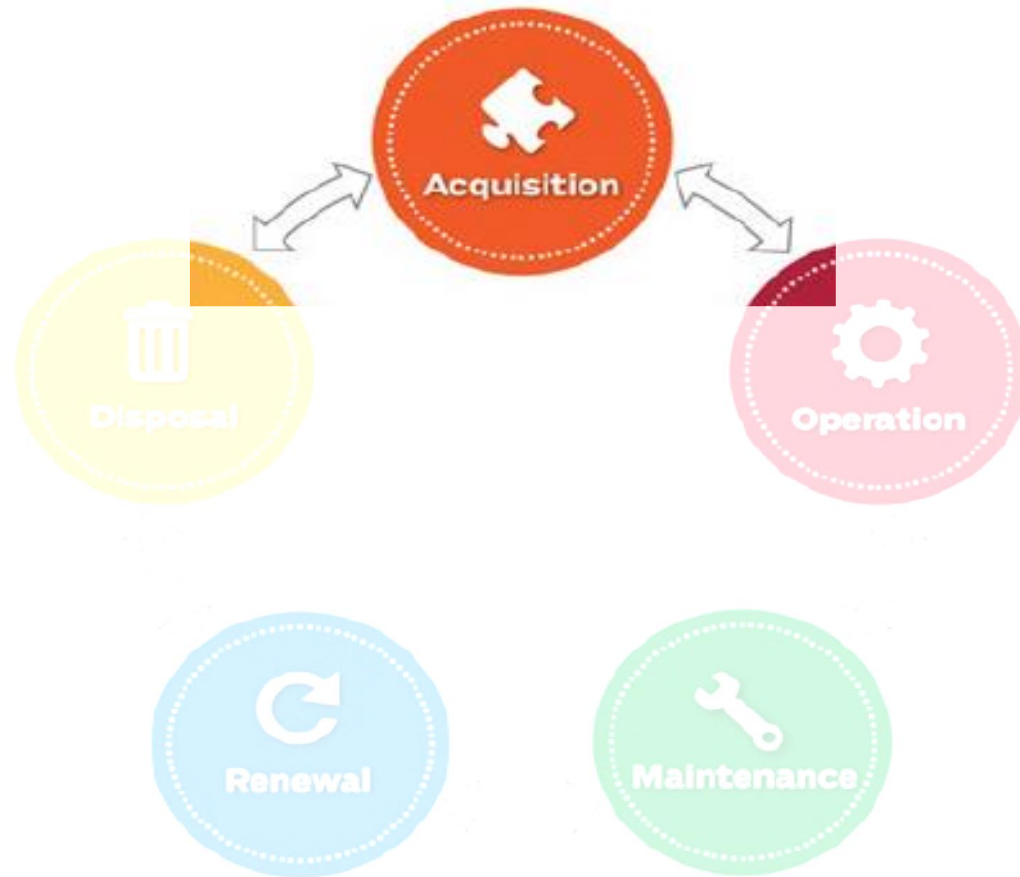
What does Asset Management have to do with me?



The Asset Lifecycle



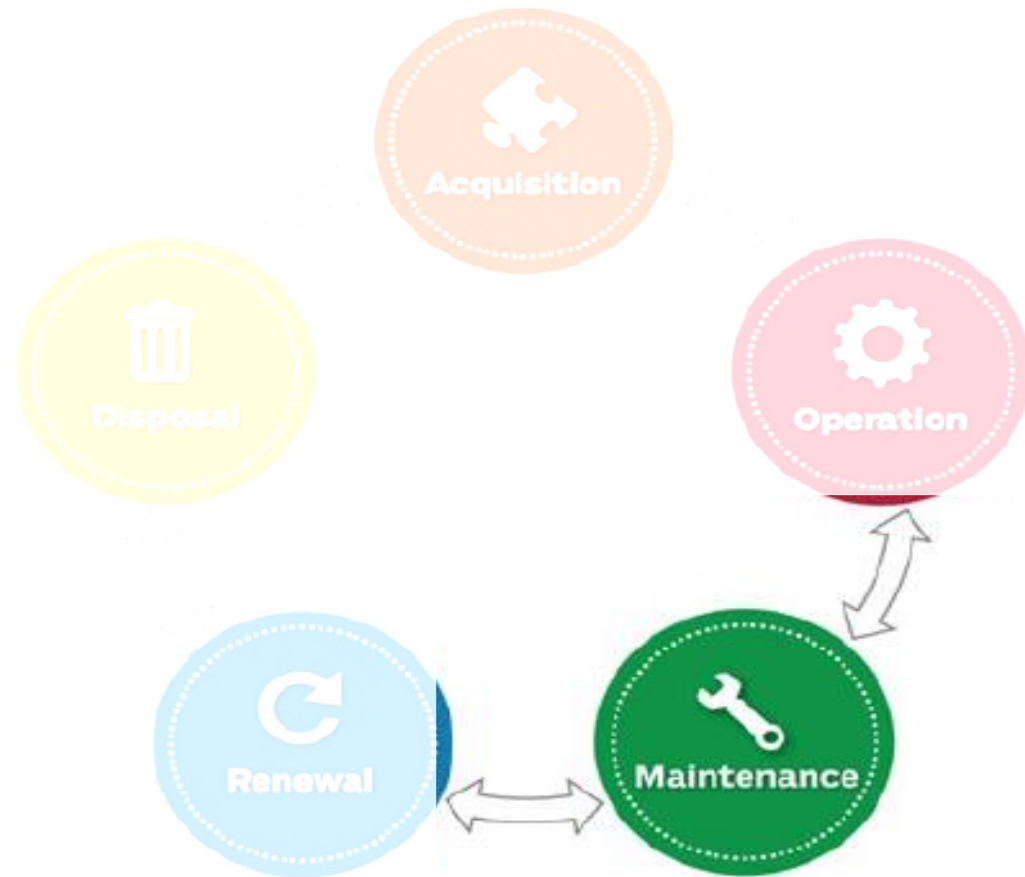
Asset Acquisition



Asset Operation



Asset Maintenance



Asset Renewal



Asset Disposal





The Benefits

- **Improve cost-efficiency** and reduce costs, for example by using decision techniques that identify the lowest lifecycle cost maintenance and renewal decisions
- **Prioritise investment** to achieve maximum value, for example by using prioritisation techniques that identify the most critical projects and assets to invest in
- Improve **customer satisfaction** by better matching level of service with the customers want and are willing to pay for



The Benefits

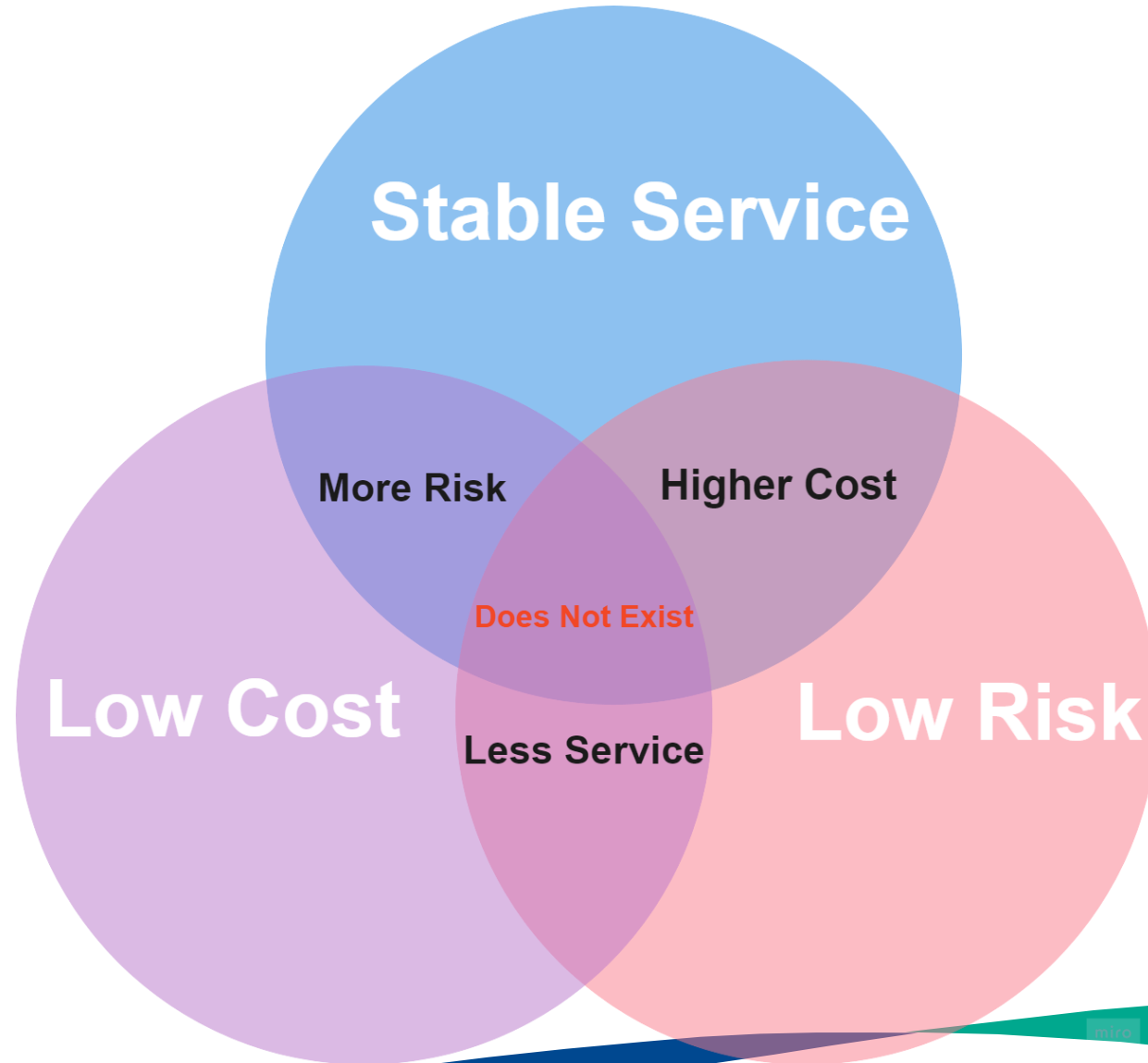
- Better **manage risk** and **build resilience** through risk and resilience strategies
- Be more **sustainable**, by having long term plans that provide equitably funded service across generations
- Have more **transparency in decision-making**, allowing stronger governance and accountability



Asset Management and You

- With every decision
 - Consider the lifecycle costs
 - Might save a dime today but cost a dollar tomorrow...
 - Be transparent with partners
 - How does it impact their service, budget and program?
- Be an AM Champion
 - Is your spidey-sense tingling? Speak up!
 - Have we made this mistake before? Say something!
- And the most exciting.... Read the documentation and apply it!
 - We have plenty more where this came from... ask!

It's all about balance...





Asset Management is a coordinated activity of an organization to realize value from assets.

*Asset management involves the **balancing of costs, opportunities and risks** against the desired **performance** of assets to achieve the **organizational objectives**.*

Source: ISO 55000