



Town of Riverview

Asset Management Plan

Agenda for today

- 1 Background**
 - What is Asset Management?
 - Why Have an Asset Management Plan?
 - Project Scope

- 2 Overview of Current Status**
 - State of the Infrastructure
 - Codifying Current Decision-Making

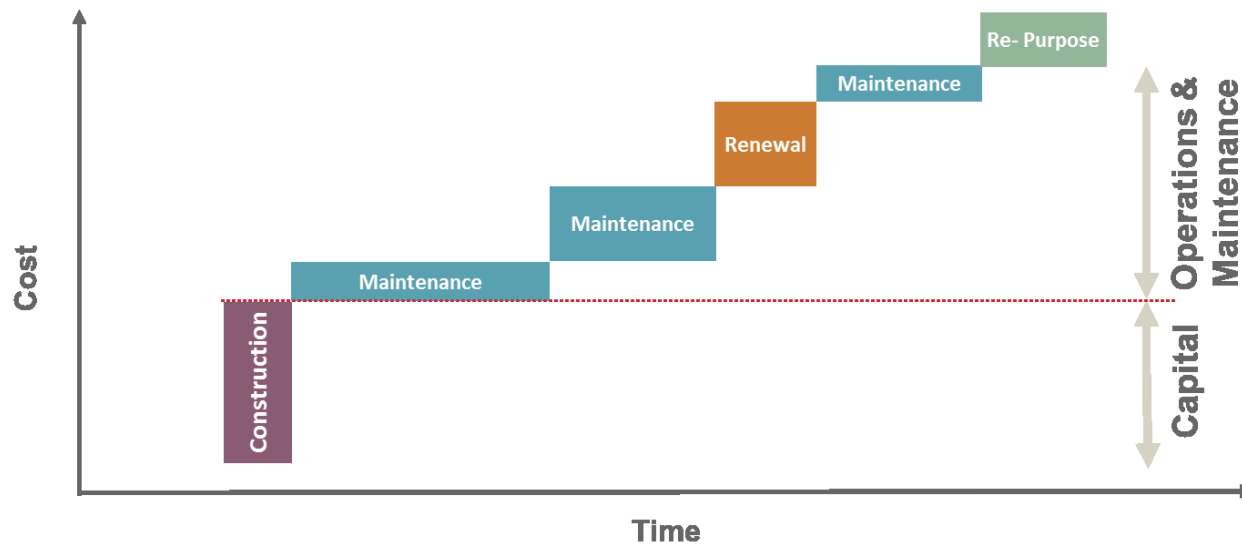
- 3 Financial Forecast and Future Steps**
 - Results of the Forecasting
 - Future Steps



What is asset management?

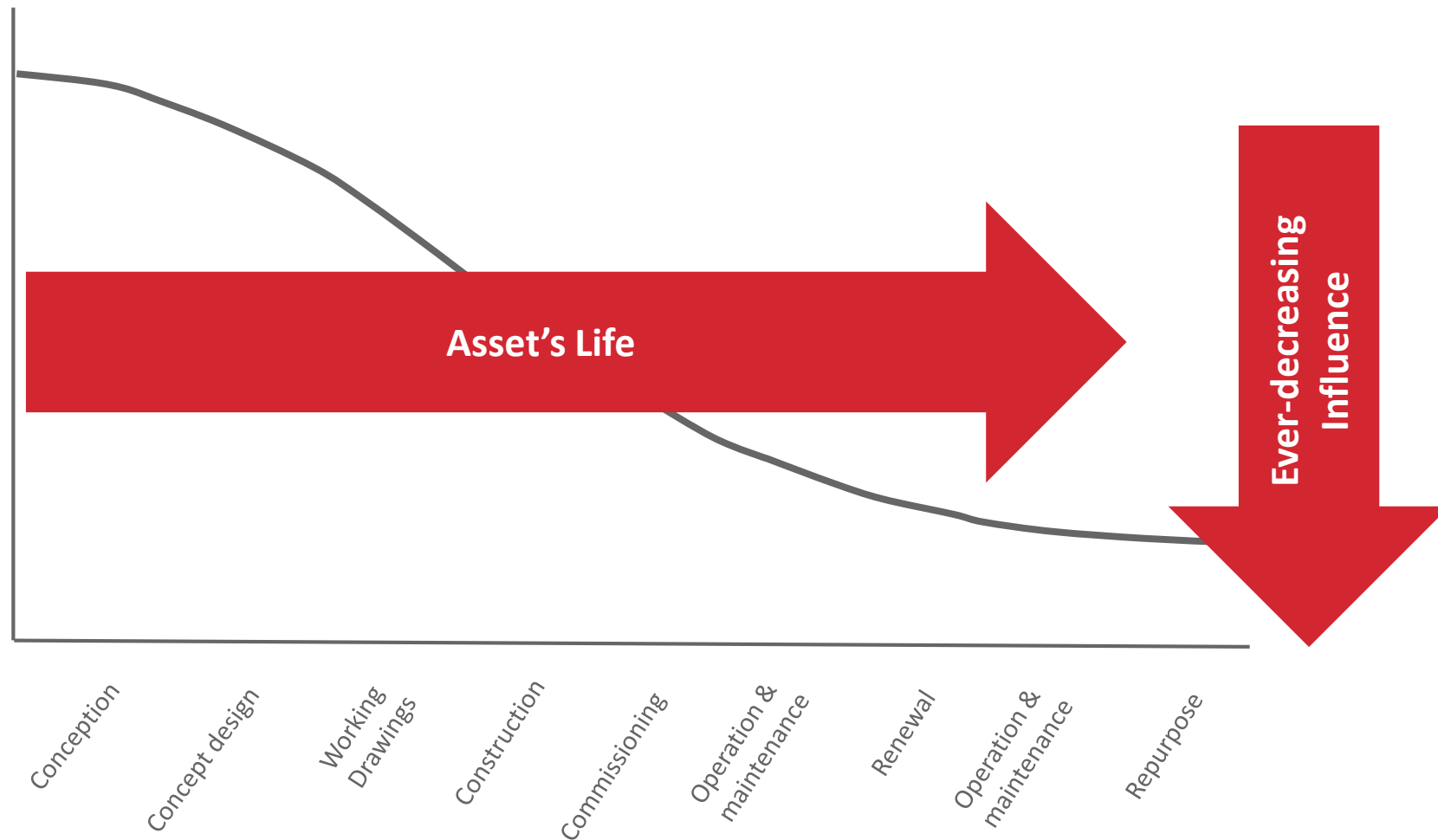
- ISO 55000 : Coordinated activities and practices of an organization to realize value from its assets.
- IIMM : The systematic and coordinated activities and practices of an organization to optimally and sustainably deliver on its objectives.
- It represents a change in how your municipality delivers its services

Infrastructure Lifecycles



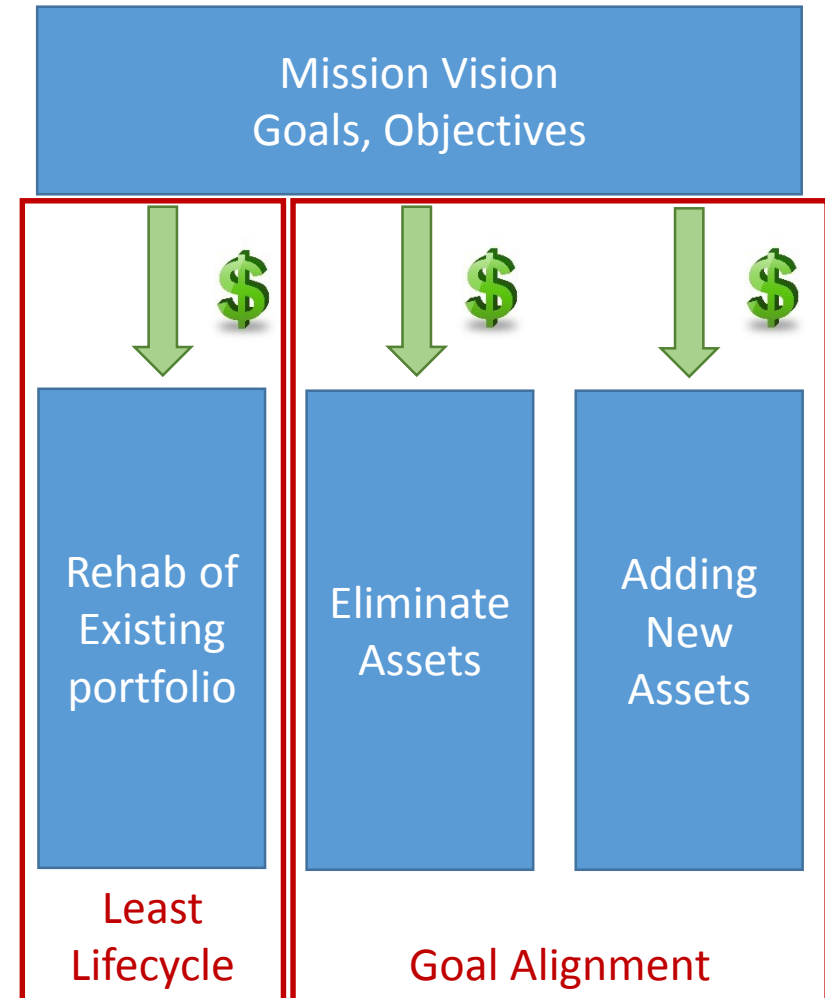
- Long lived
- All stages have cost
- Sometimes the best solution is no asset

• Influence on long term outcomes/costs

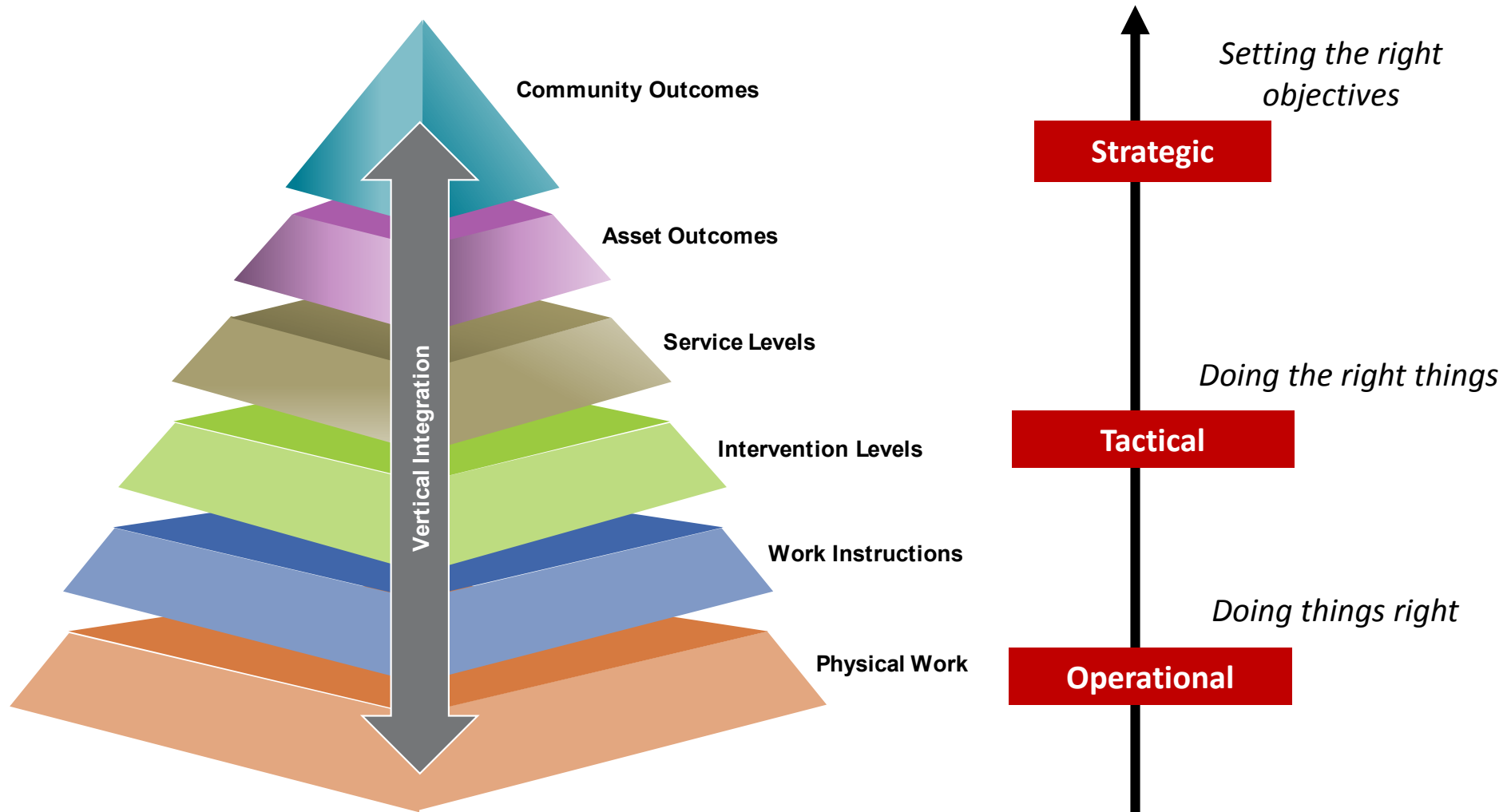


Financial Planning

- Alignment with goals and objectives of the municipality
- Funding allocation in each bucket can be challenging
- Elected officials and decision-makers need different information for different decisions
- Councils often require information beyond the technical language to make better decisions.



Aligning AM within a Municipality



AM Plan Contents

1. Executive summary
2. Introduction
3. State of local Infrastructure
4. Desired levels of service
5. Asset management strategies
6. Financing strategy
7. Continuous improvement plan



Riverview's Current Infrastructure Portfolio

Asset Group	2017 Replacement Cost	2017 Depreciated Replacement Cost	2017 Accumulated Depreciation	Annual Depreciation
Transportation & Drainage	\$133.9 M	\$79.6 M	\$54.3 M	\$2.0 M
Facilities	\$49.7 M	\$33.7 M	\$16.0 M	\$1.3 M
Potable Water & Waste Water	\$87.0 M	\$44.4 M	\$42.7 M	\$1.5 M
Parks & Recreation	\$12.9 M	\$7.6 M	\$5.3 M	\$0.7 M
Vehicle Fleet	\$15.1 M	\$7.0 M	\$8.0 M	\$1.5 M
Total	\$298.6 M	\$172.3 M	\$126.3 M	\$7.0 M

State of the Infrastructure

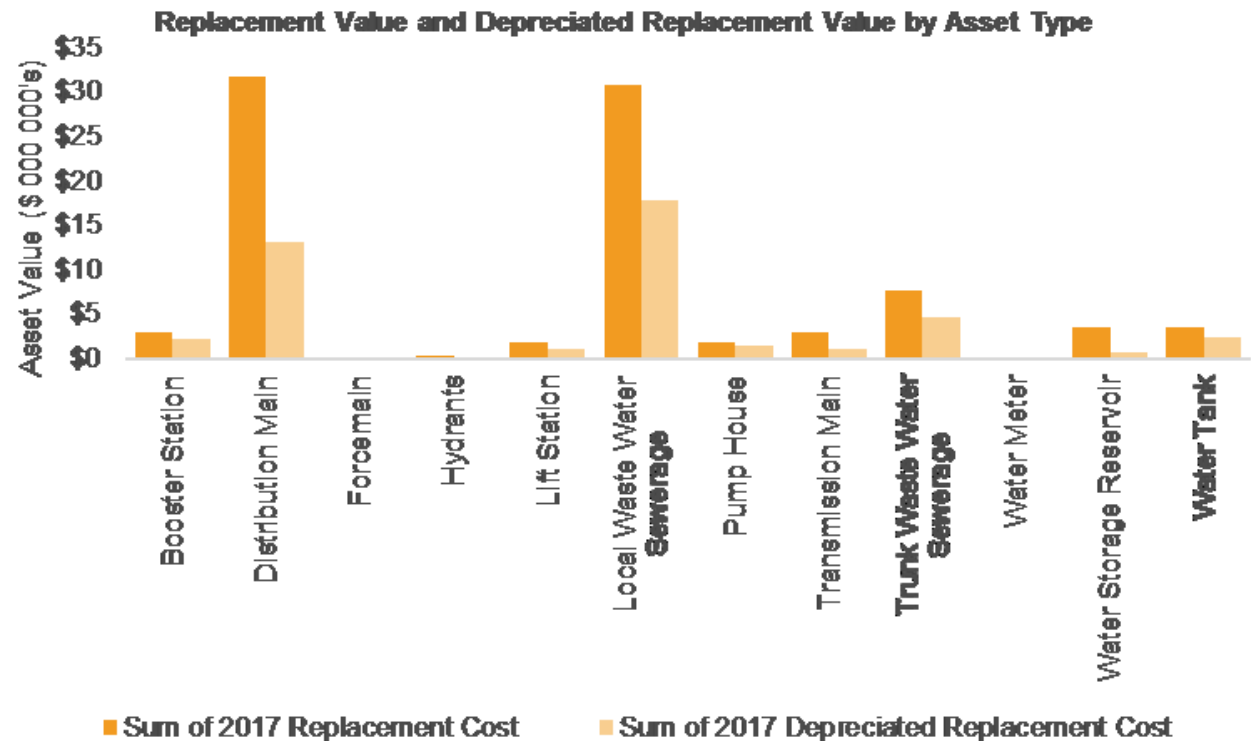
For each asset portfolio, a current snapshot was produced to reflect:

- Current Condition
- Size of the Portfolio
- Financial Status

Regular reporting spots trends

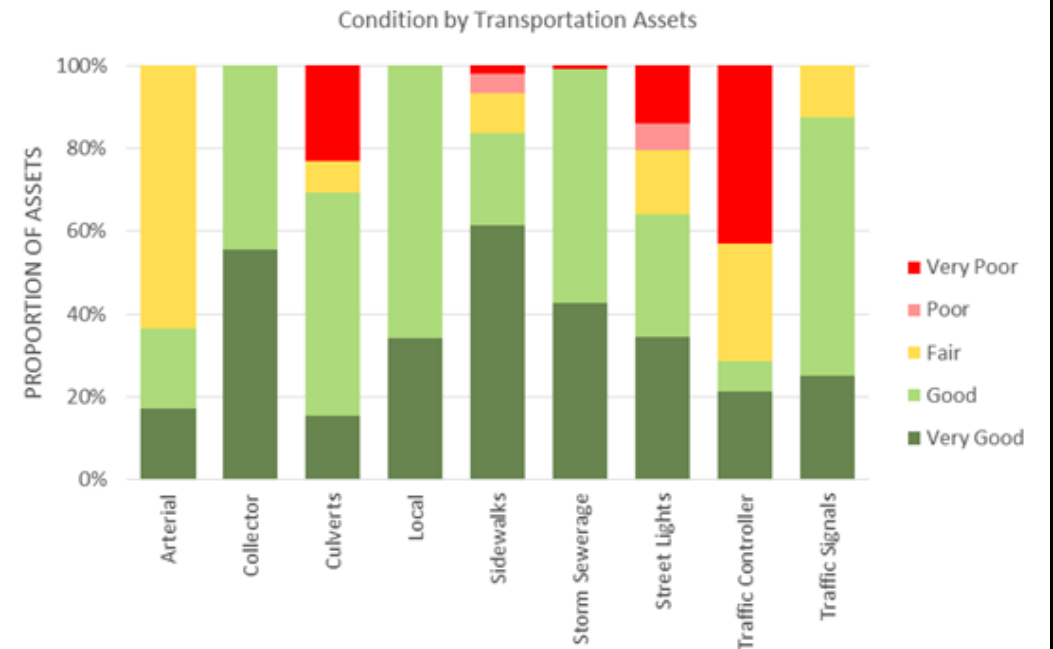
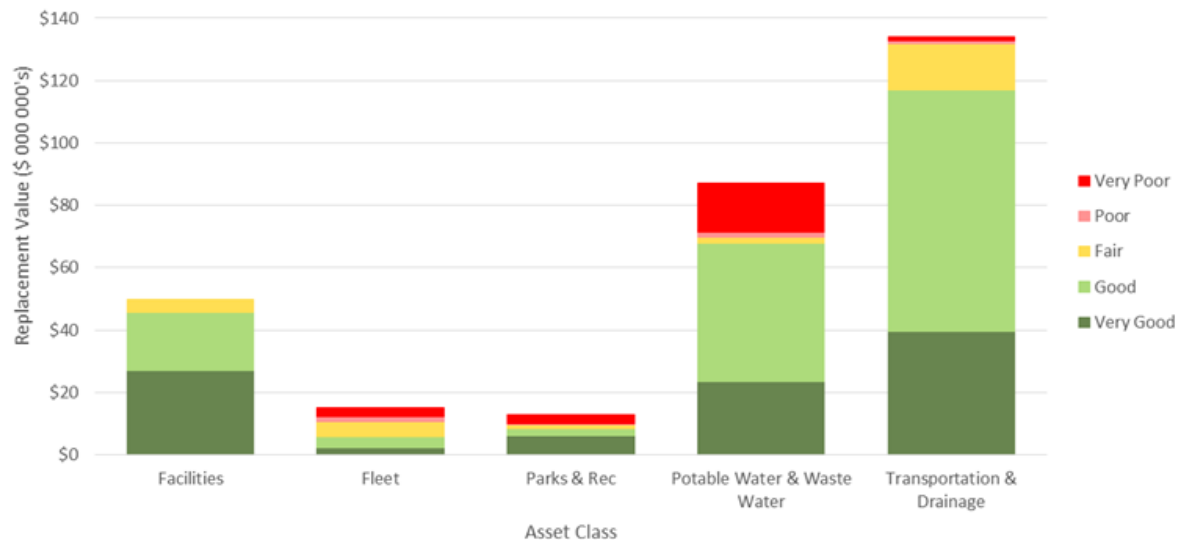
Communicated clearly

One example provided here

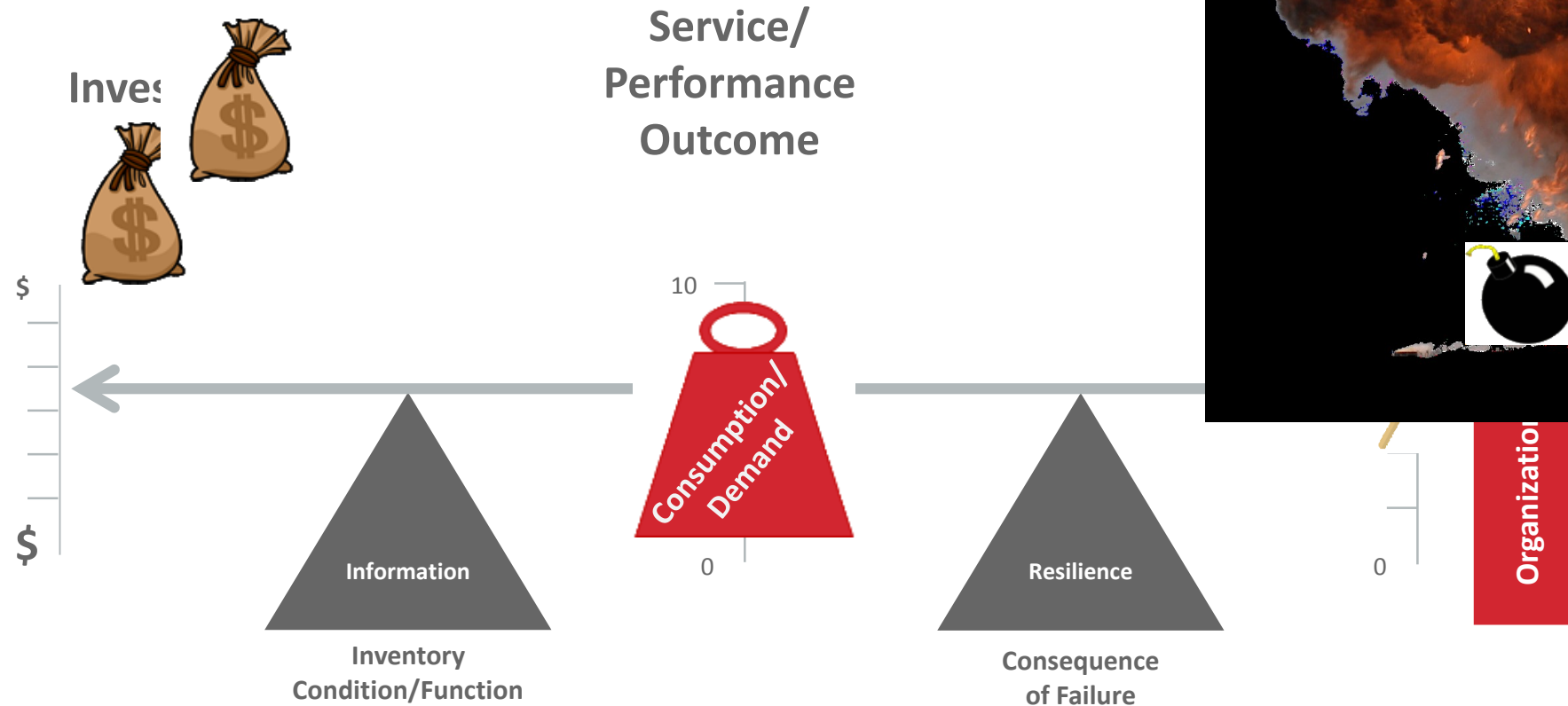


State of the Infrastructure

- A range of condition is to be expected, but needs to be managed. It can't all be new.
- Many municipalities choose to commit a minimum capital allocation to renewal.



Service Delivery



Levels of Service

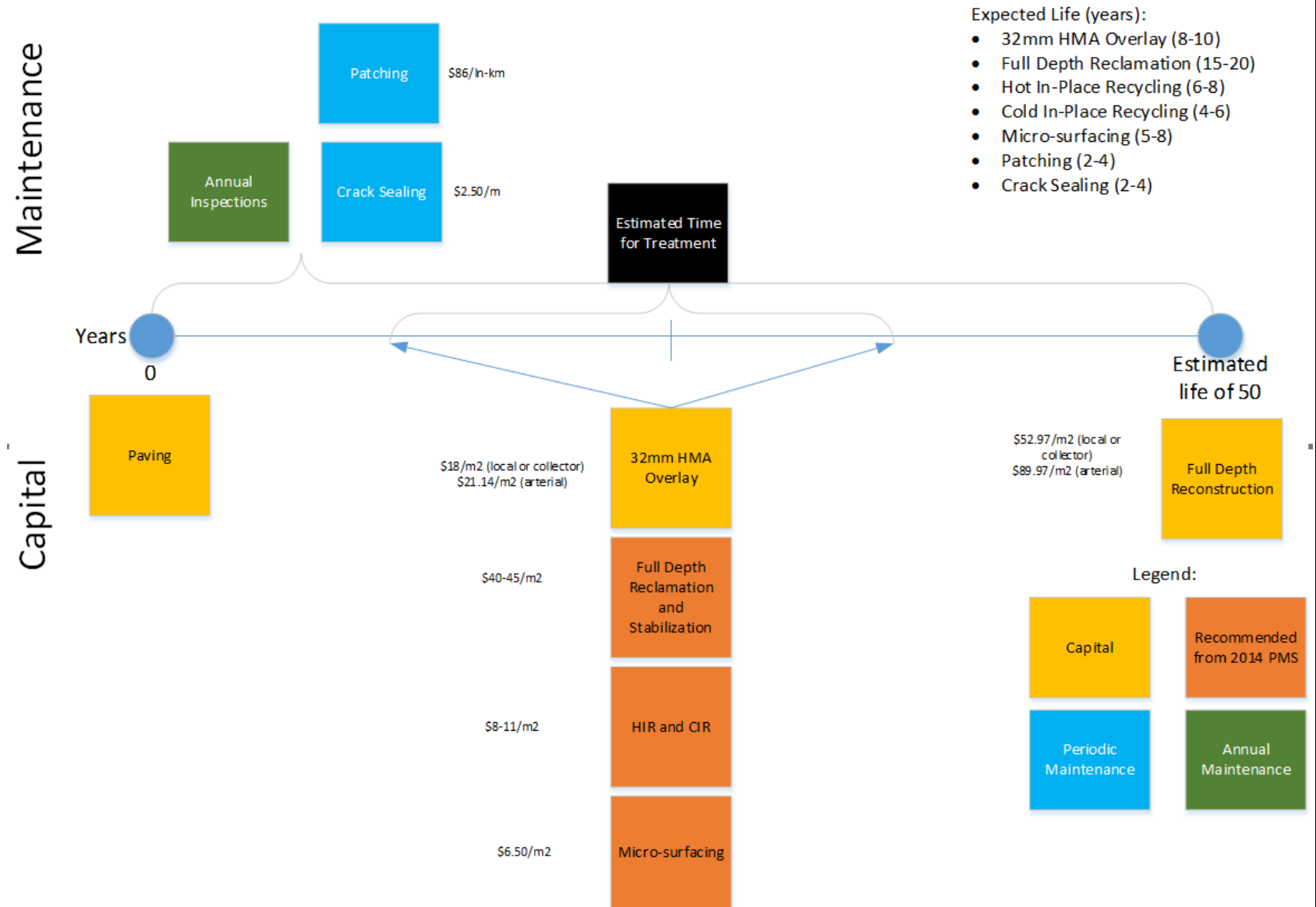
- Service Levels not clearly defined
- Stakeholder Analysis
- Service features that are important
- Service Attributes that influence decisions
- Performance measures that can track how well service is being delivered

User groups	Specific user types	Service statements	Performance Measure ID
Those who use the service provided by the asset	Commuters and transit users (buses)	A reliable service that has consistent travel times.	1: Service reliability
	Cyclists, pedestrians and residents	A system that has defined separation from the road network, is well lit, and is well connected across the region.	2: Connectivity
Service providers	Codiac transport and taxis	A well-connected network with reliable travel times that provides modal choice.	1: Service reliability
	The asset management team	The budget, tools and resources to effectively manage the asset. A safe place to work.	4: Asset condition 6: Coordination
The wider Riverview community	Cycling community and advocacy groups	An interconnected network of bike lanes and trails.	3: Accessible
	Mobility impaired	An accessible transport system.	3: Accessible
	Transit advocacy groups	A safe integrated network of transport services.	3: Accessible
	Insurance and safety advocates	A safe network.	5: Safety
	Property owners	Reliable access to a well-maintained network of transportation assets.	4: Asset condition

ID	Service attribute	Performance measure	Weight
1	Service reliability	Number of times the facility is not available.	6 %
2	Connectivity	Percentage of the network that is linked by safe defined paths.	6 %
3	Accessible	Located near to all residents and users of the transport system.	6 %
4	Asset condition (good stewardship)	Average condition of the asset and the individual component condition.	20 %
5	Safety	Crash statistics (annual rate and total count per year).	31 %
6	Coordination	Stakeholder survey: As a group, we work in a coordinated and collaborative way.	31 %

Strategy

Asset Interventions

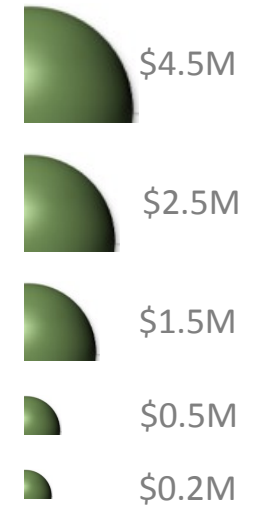
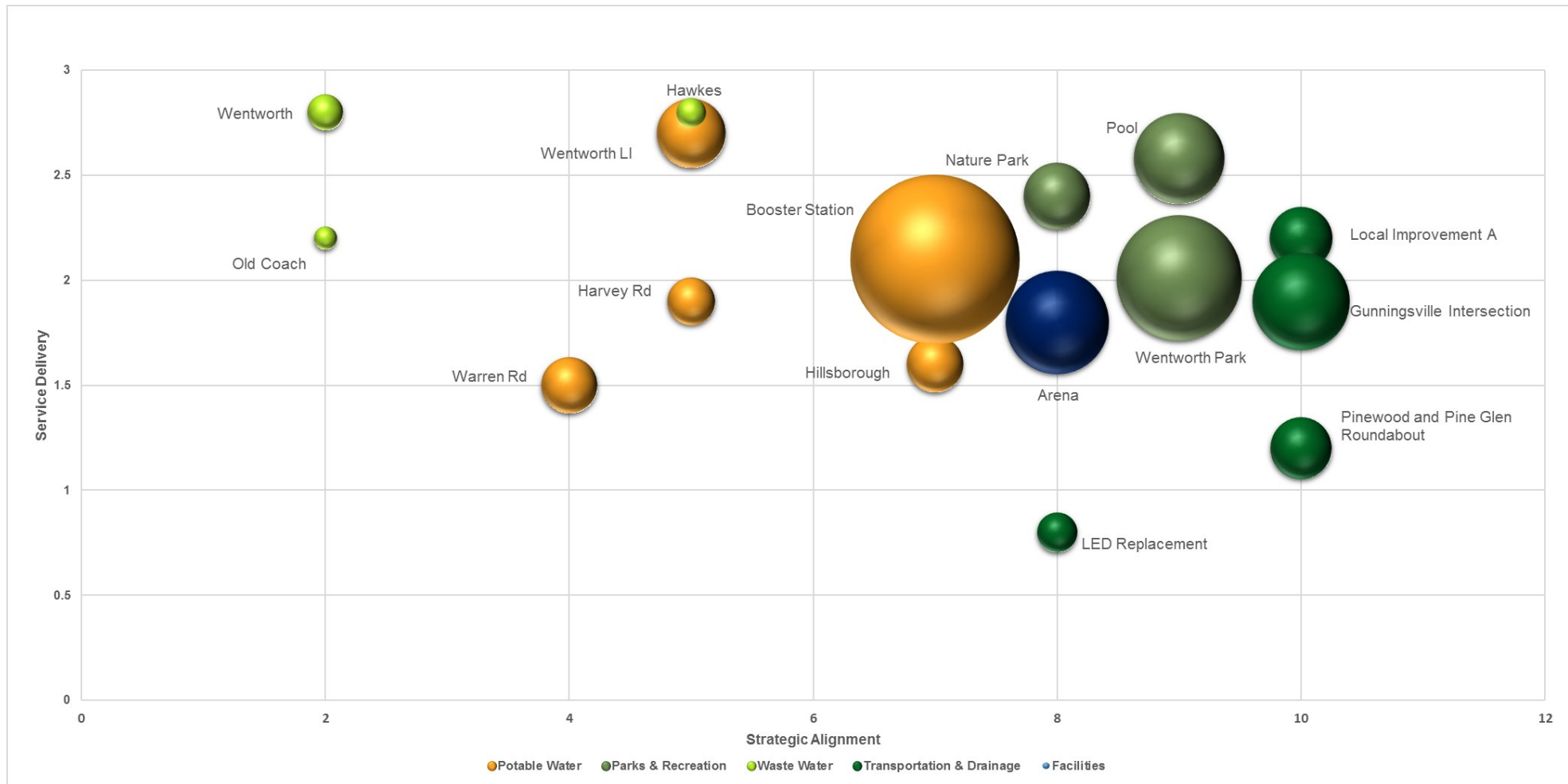


■ Strategy – Strategic Alignment

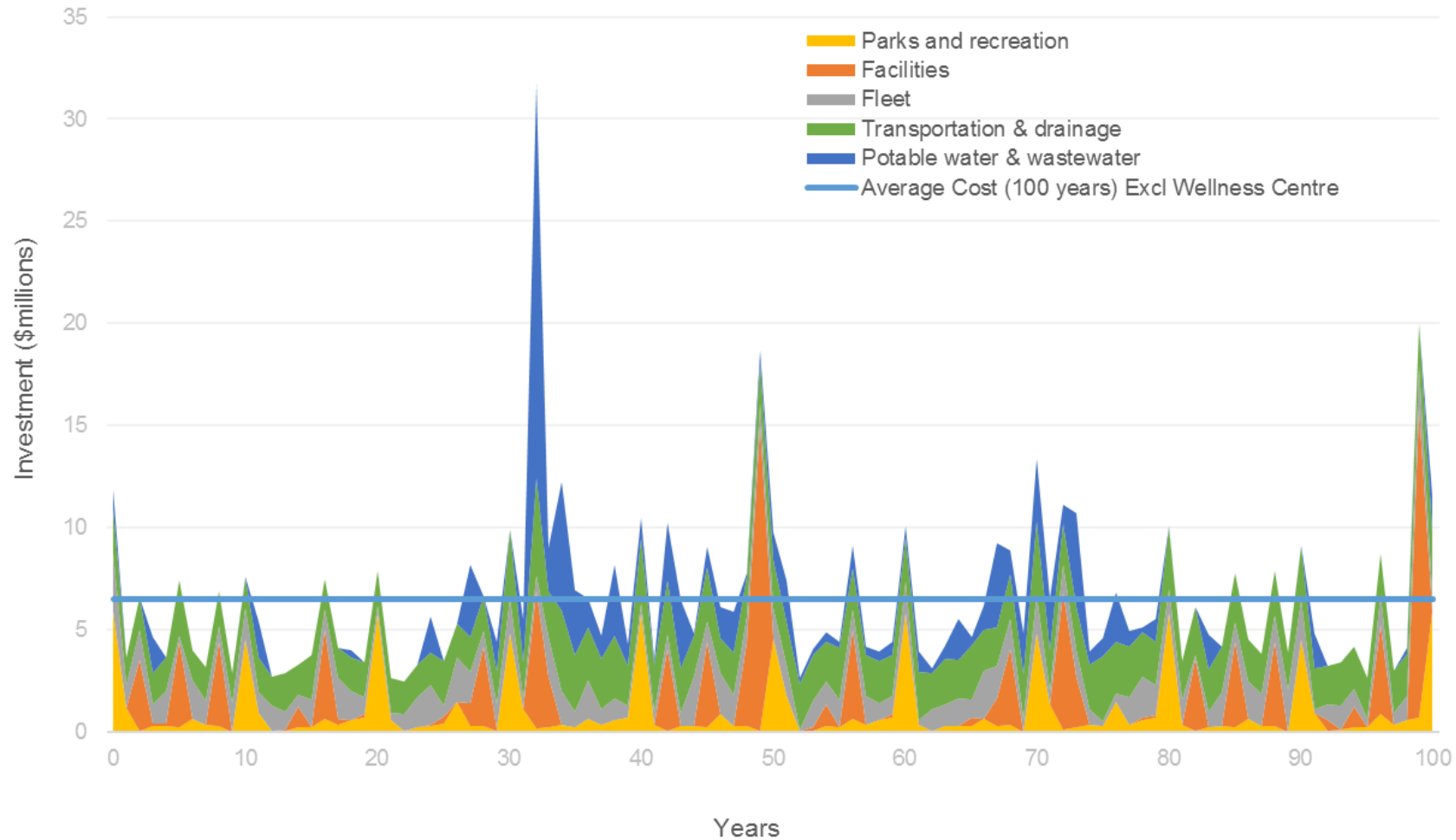
- Investment Alignment with Town Goals and Objectives
- Weightings assumed to be equal, but is the discretion of Council
- Frame investment decisions for Council decisions



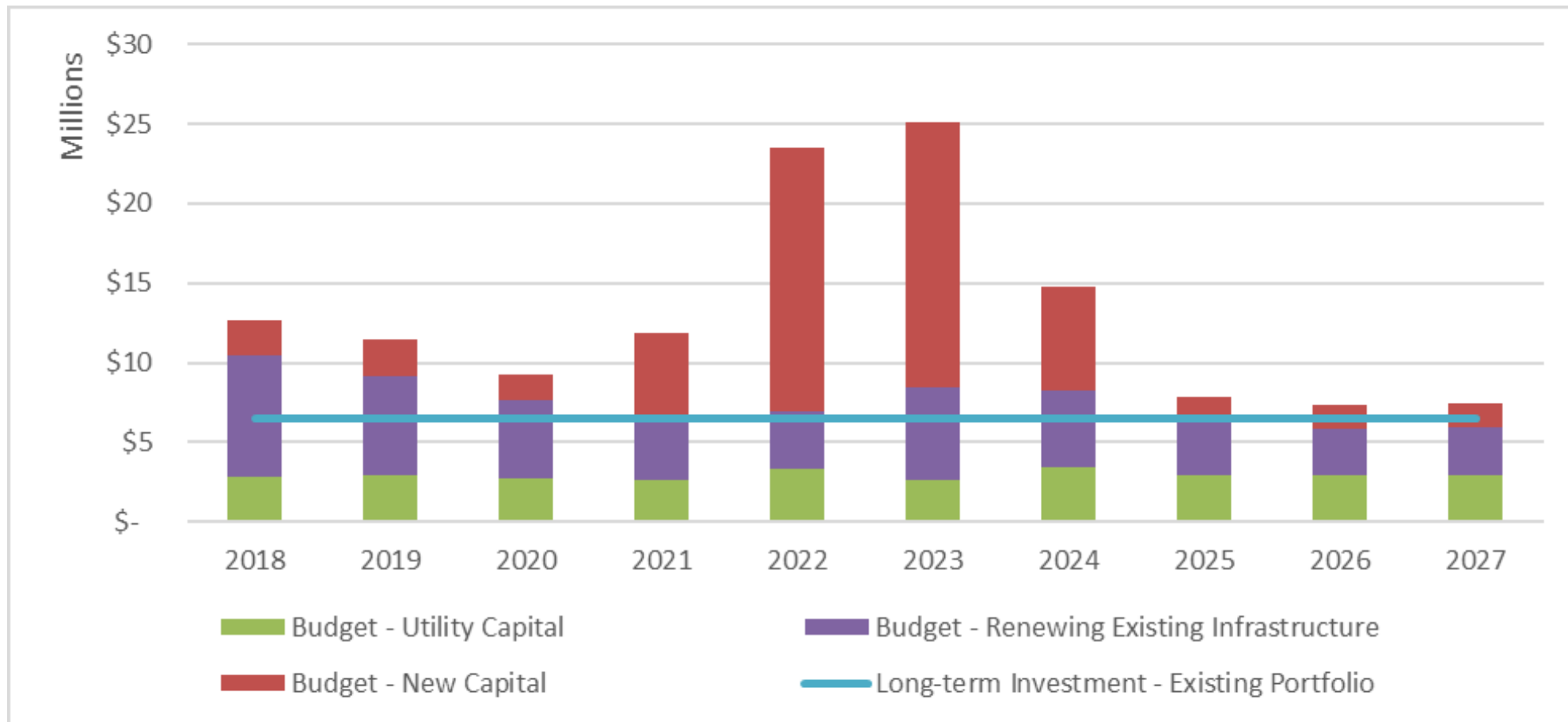
Project Prioritization



Long-term Investment Requirements



Current Budget – New Asset and Renewal



■ Improvement Actions – A Selection

- Establish a formalized risk management in the decision-making framework.
- Refine service level statements to ensure align with organization and the community's expectations and set targets.
- Refine weightings used in decision-making framework to ensure alignment with strategic and corporate objectives.
- Review, update, finalize and implement the identified project prioritization process.
- Use a deterioration model, rather than an aged-based model, to provide greater insight into the likely timing of asset interventions.
- Carry out detailed condition surveys for all asset groups where additional knowledge will improve service decisions and forecasting

• Questions?

