

# Federation of Canadian Municipalities

Municipalities for Climate Innovation Program

Climate and Asset Management Network

Dustin Carey



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*Tools for Municipal Adaptation Action*  
A PRAC Webinar | May 4, 2018



# \$141 Billion

Replacement value of municipal infrastructure  
in poor or very poor condition

# \$5 Billion

Annual projected cost of climate change in  
Canada by 2020



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CBC News



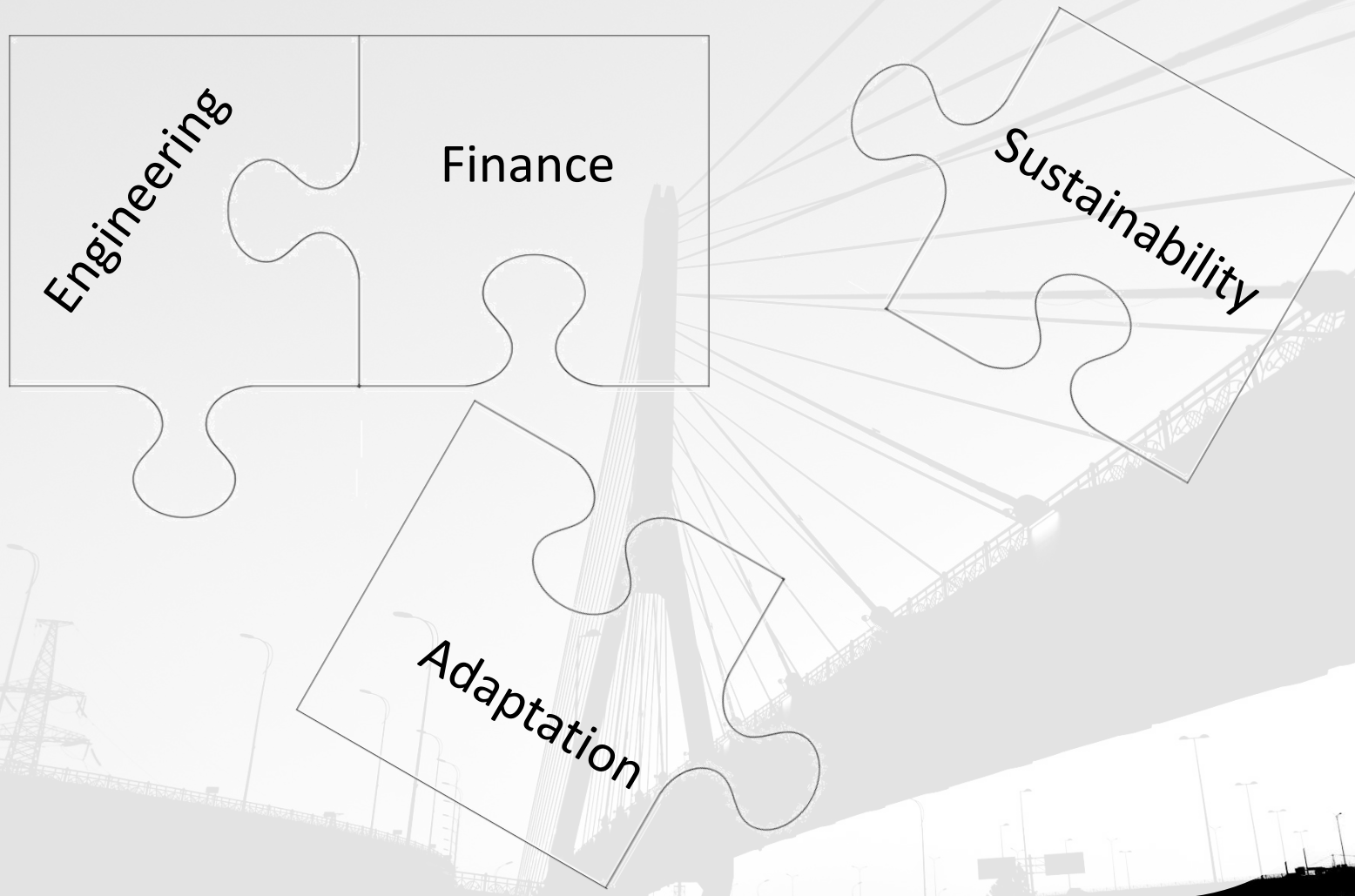
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# Climate and Asset Management Network

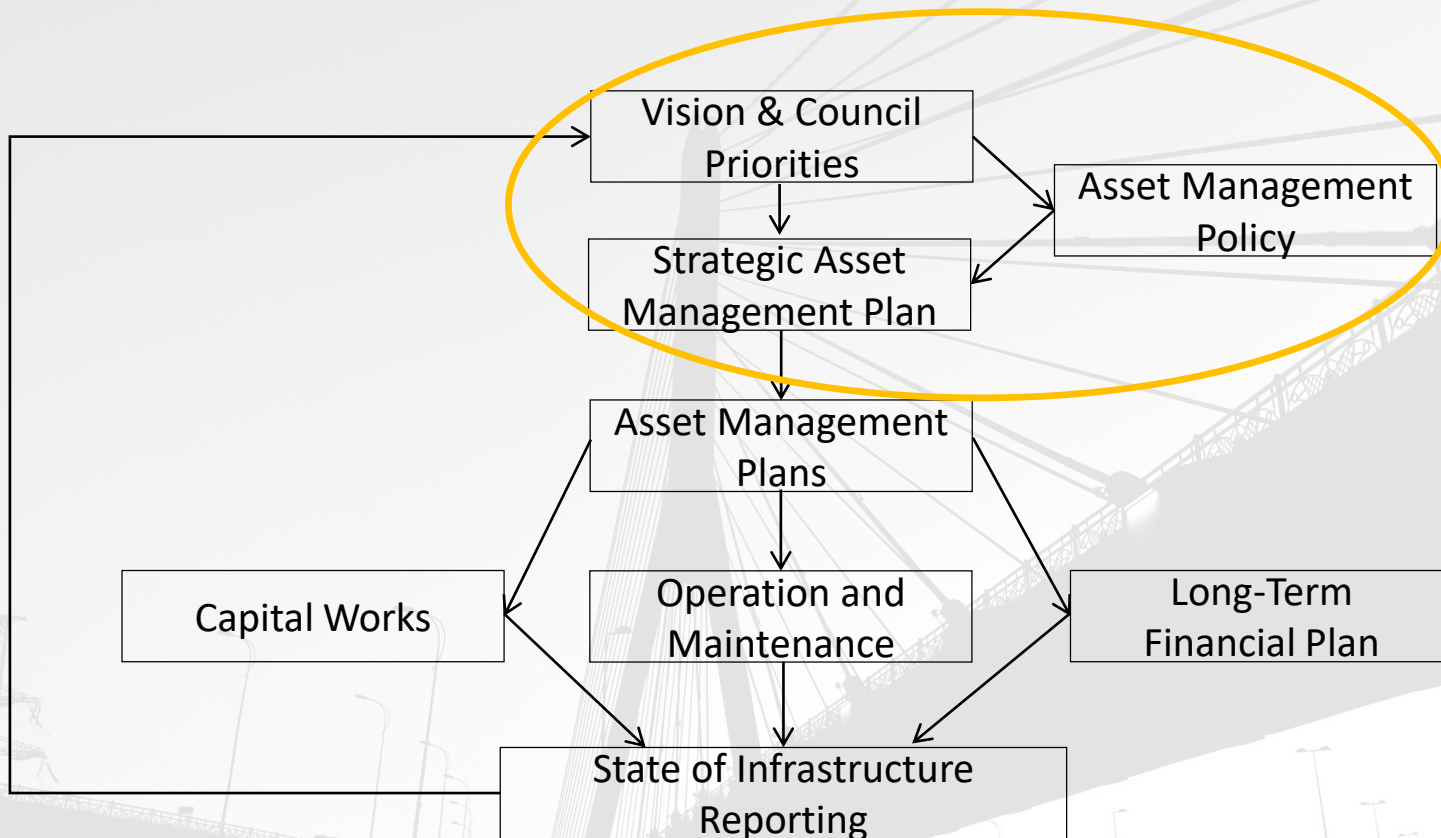


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# Asset Management System Priority



## Develop or Refresh

Asset  
Management  
Policy

Asset  
Management  
Strategy

Asset  
Management  
Governance  
Framework



## CAMN Cohort





# Climate And

Collaborative  
Space



Training



Funding



Expertise Provision  
& Resources



Flexibility

## Asset Management





# Resources



## Why?

To facilitate the self-assessment of organization's readiness & progress in adapting to climate change.

## How?

Draws from publicly available adaptation literature & consultation with experts on the processes needed to incorporate climate risk into asset management

## What?

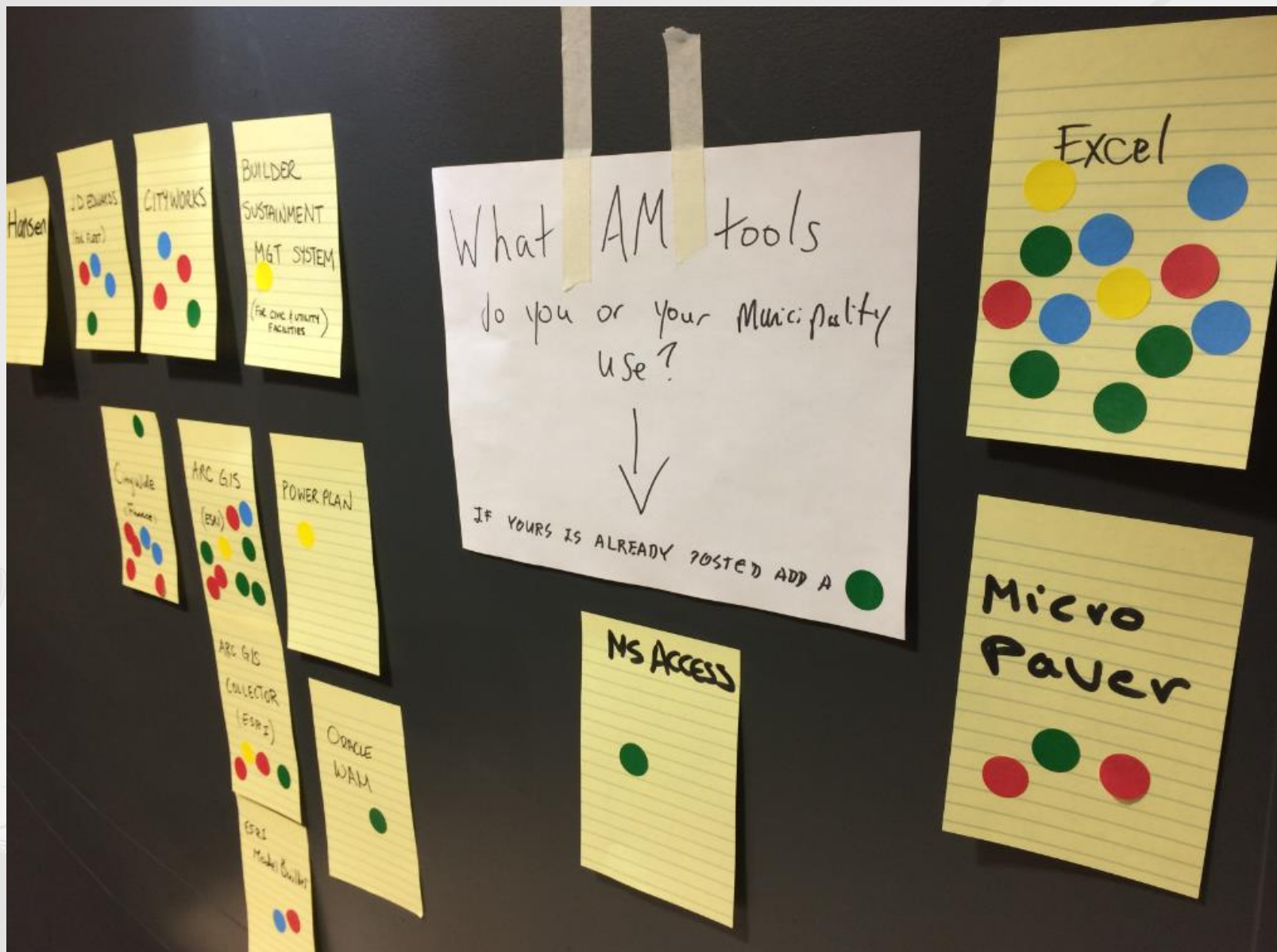
1. To help municipalities (and FCM) assess where they are on adaptation spectrum
2. Reporting tool for FCM

# New Guidebook

Learn how to develop asset management practices that are aligned with your municipality's strategic goals. You'll also learn:

- What an asset management system is and how its key components work together
- How to develop the four pillars of your asset management system: a policy, strategy, framework and governance structure
- Ways to communicate your approach to build support for asset management in all departments
- Real-world examples from Canadian municipalities of all sizes that have developed asset management systems
- How to integrate sustainability goals into your asset management practices







# Workshops, Monthly Meetings & Webinars

External expertise on subjects including:

- Determining municipal levels of service
- Risk management frameworks
- Underground infrastructure condition assessments
- Triple bottom line lifecycle management
- Flood risk prioritization methods



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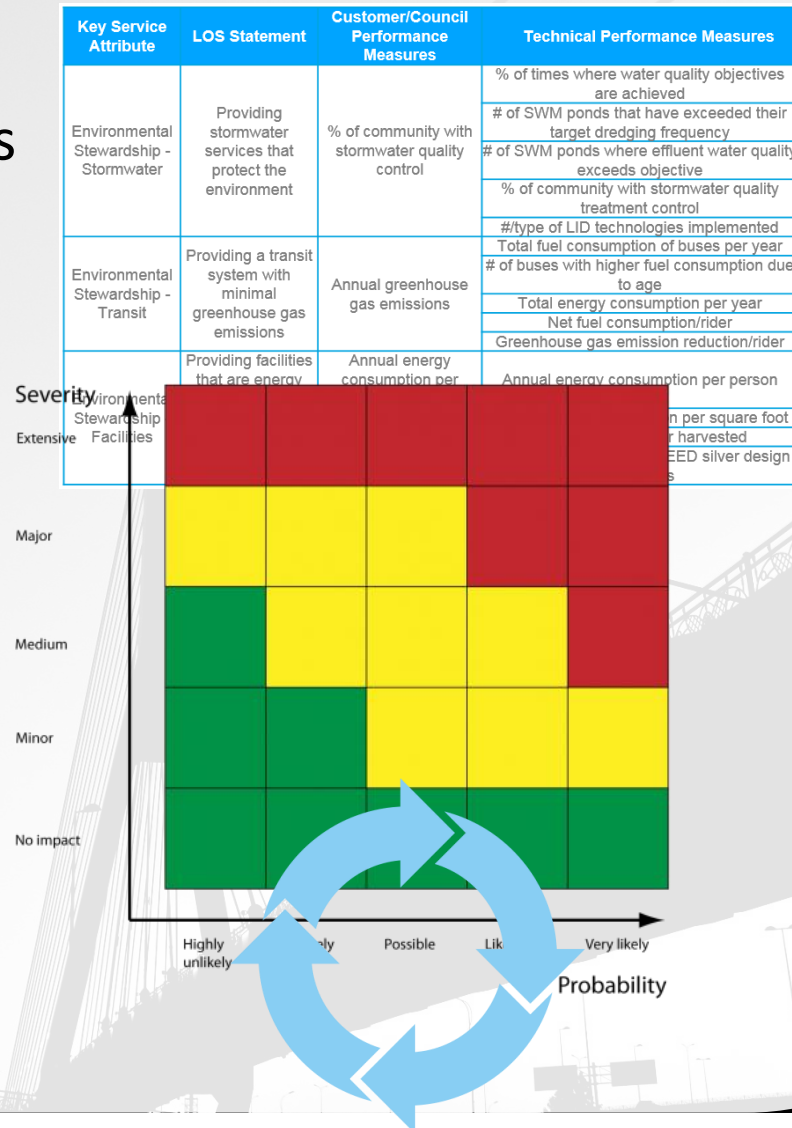
# "Phase-2" Projects

↓  
7 of 19 Municipalities

Levels of  
Service

Risk  
Management

Lifecycle  
Management



# Results

- Increased capacity to instill resilience in municipal infrastructure asset management;
- Best practice case study materials in asset management governance;
- Network of shared connections and cross-country collaboration;
- New thinking in the fields of climate change integration in levels of service, risk management and lifecycle management frameworks;
- Over \$1.6 million in allocated funding.



# Thank you

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