Municipalities
Newfoundland and Labrador

# *BAM! NL Round 2*

## Building Asset Management here

5 October 2018
MNL Convention - Gander, NL

Dr. Kathleen Parewick, MNL Community Collaboration Officer

# Outline

- Update
- What next?
- A little project proposal…

This initiative is offered through the
**Municipal Asset Management Program (MAMP)**
which is delivered by the
**Federation of Canadian Municipalities (FCM)**
and funded by the
**Government of Canada.**



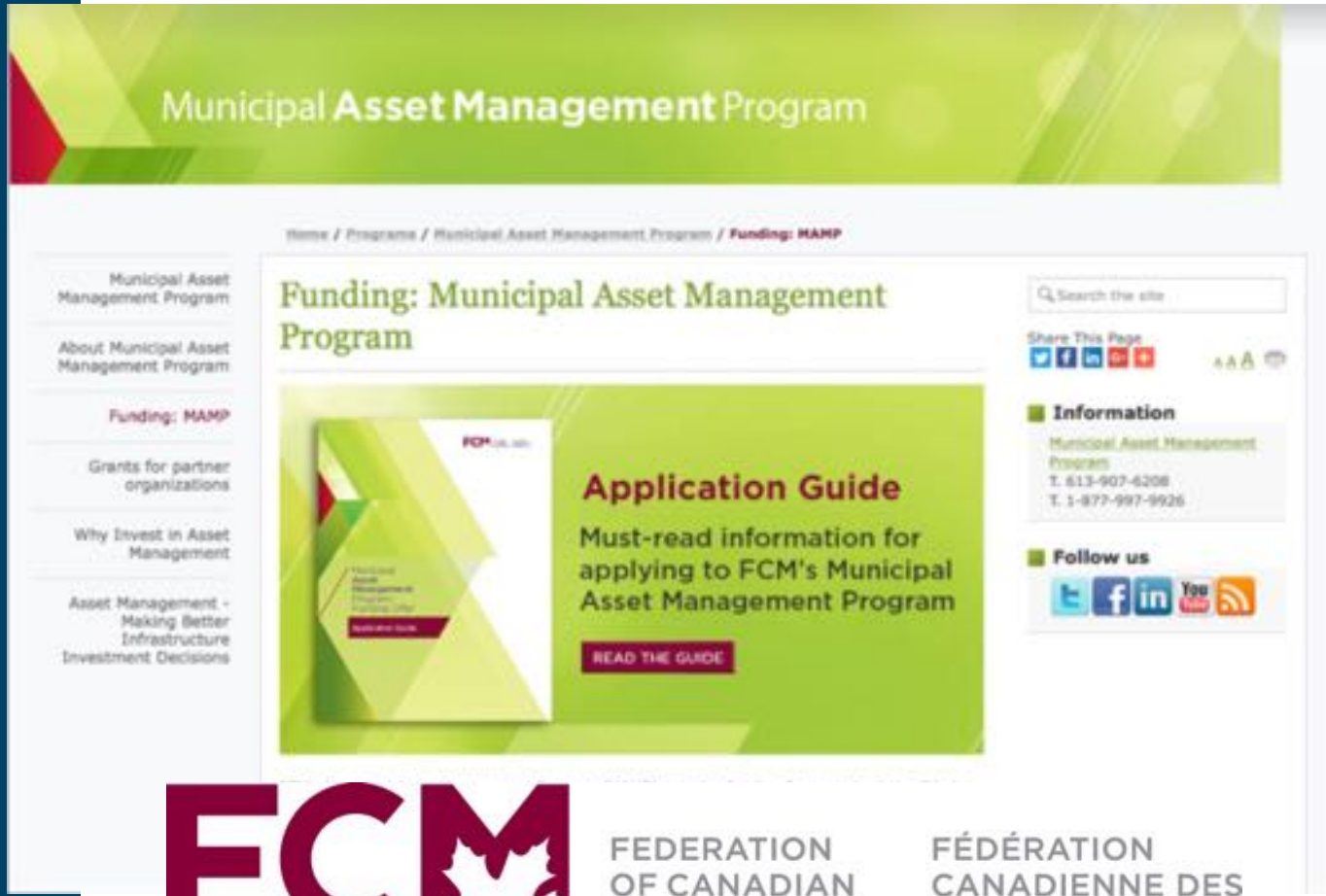



www.fcm.ca/home/programs/municipal-asset-management-program/funding-mamp.htm

# MAMP

## $50M

## 5 Years

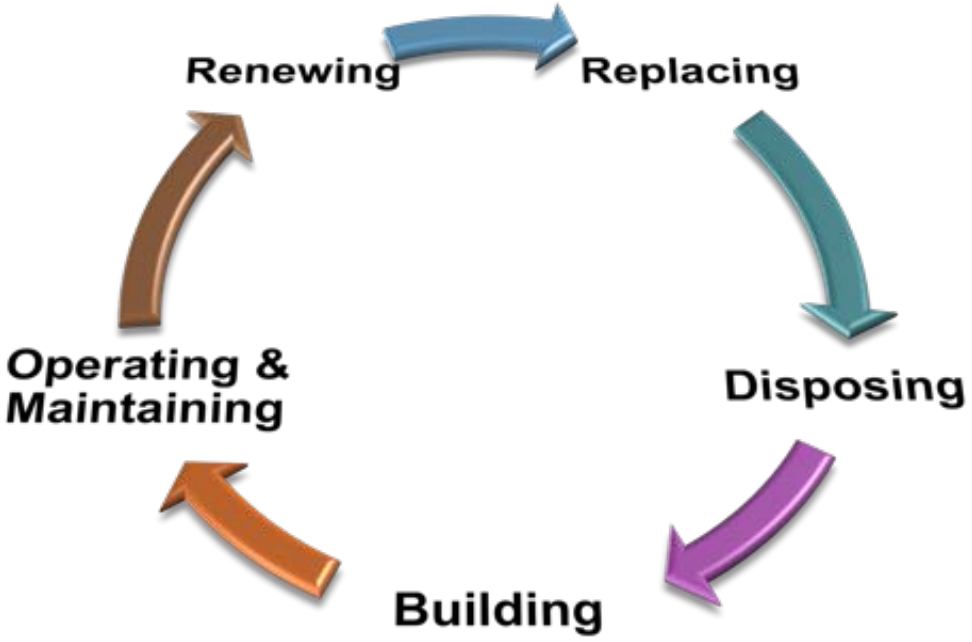



FCM

FEDERATION OF CANADIAN MUNICIPALITIES

FÉDÉRATION CANADIENNE DES MUNICIPALITÉS

# **Asset Management Planning** is…



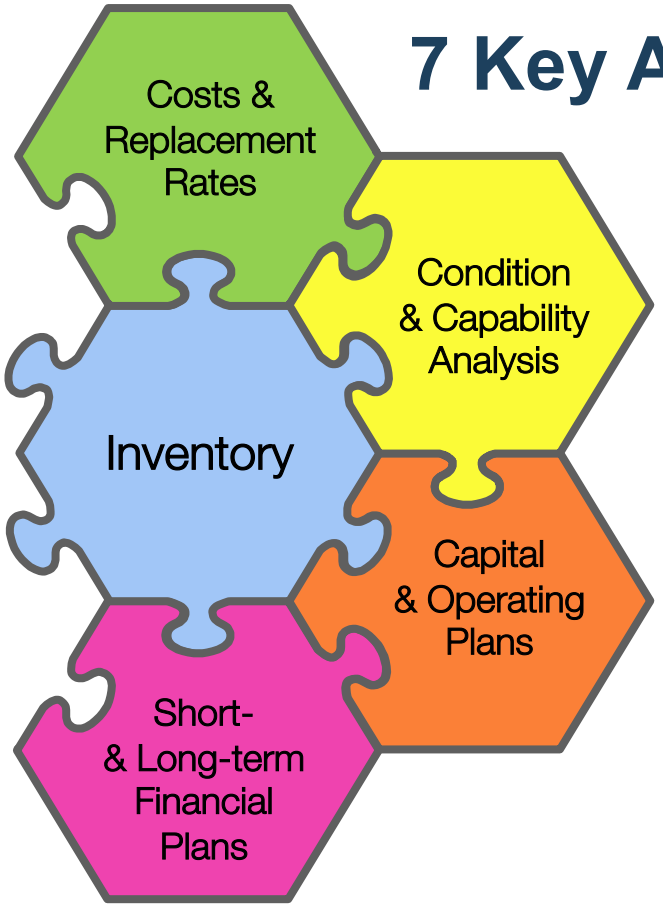

**"…the process of making the best possible decisions regarding the building, operating, maintaining, renewing, replacing and disposing of infrastructure assets."**

*'Building Together: Guide for Municipal Asset Management Plans'*
**http://www.moi.gov.on.ca**

# What's an **A**sset **M**anagement **P**lan?

"…documents that support integrated, **lifecycle** approaches to effective stewardship of infrastructure assets in order to maximize benefits, and **manage risk**."

Gas Tax Agreement 2014-2024




# 7 Key Asset Management Questions

1. What do you have and where is it?
2. What is it worth?
3. What is its condition and expected remaining service life?
4. What is the level of service expectation, and what needs to be done?
5. When do you need to do it?
6. How much will it cost and what is the acceptable level of risk(s)?
7. How do you ensure long-term affordability?

**Source**: *Managing Infrastructure Assets*, FCM & NRC (2005)

# MAMP

## Direct-Funded

- For towns undertaking AMP
- Fully subscribed - 26 September 2018

## Implementing Partners

- Round 1 (July 2017-June 2018)
- Round 2 (July 2018-Dec 2019)
- Focused now on cohort-based, technical skills training

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# Our Sector Team

BAM! NL
Building Asset Management
in Newfoundland and Labrador

Click your way through the
asset management readiness scale



Municipalities
Newfoundland and Labrador

PMA
Professional
Municipal
Administrators

# *Plus…*

- Municipal Affairs & Environment
- Climate Change Branch
- Memorial University
  *Business, Engineering…*
- Geomatics practitioners
  *C-CORE, NRCan Centre for Mapping & Earth Observation, Municipal GIS Technologists…*

Newfoundland Labrador

MEMORIAL UNIVERSITY

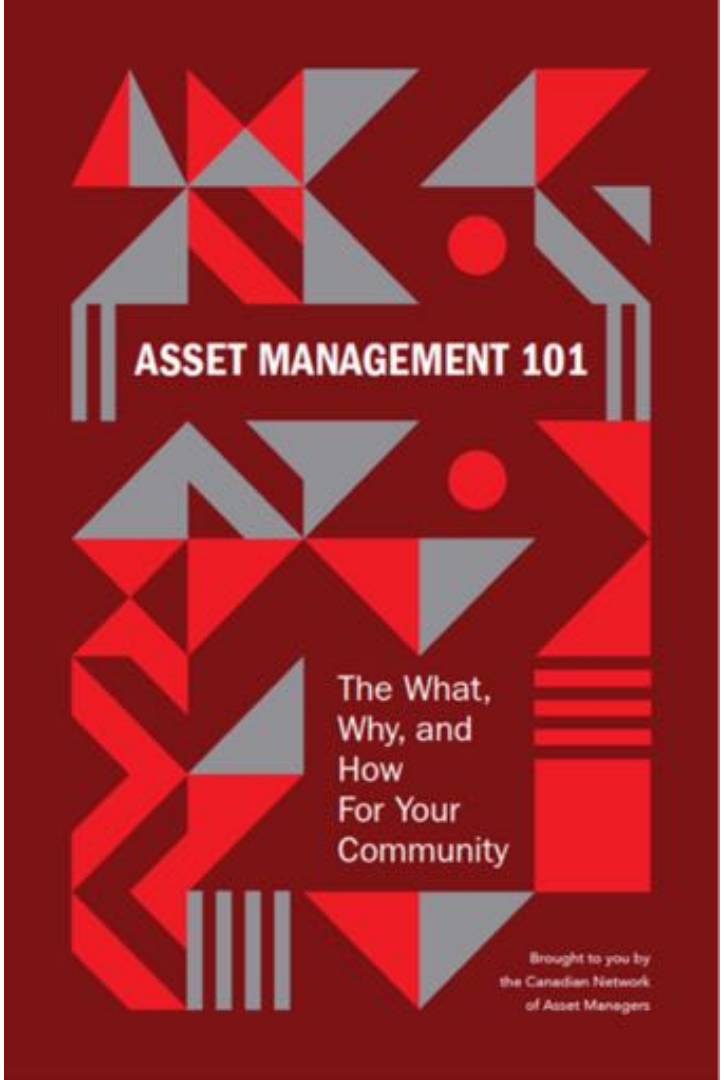
CANADIAN INSTITUTE OF GEOMATICS

ASSOCIATION CANADIENNE DES SCIENCES GÉOMATIQUES

# Canadian Network of Asset Managers

## *AM 101 Booklet*

*cnam.ca/resources*



# *BAM!*

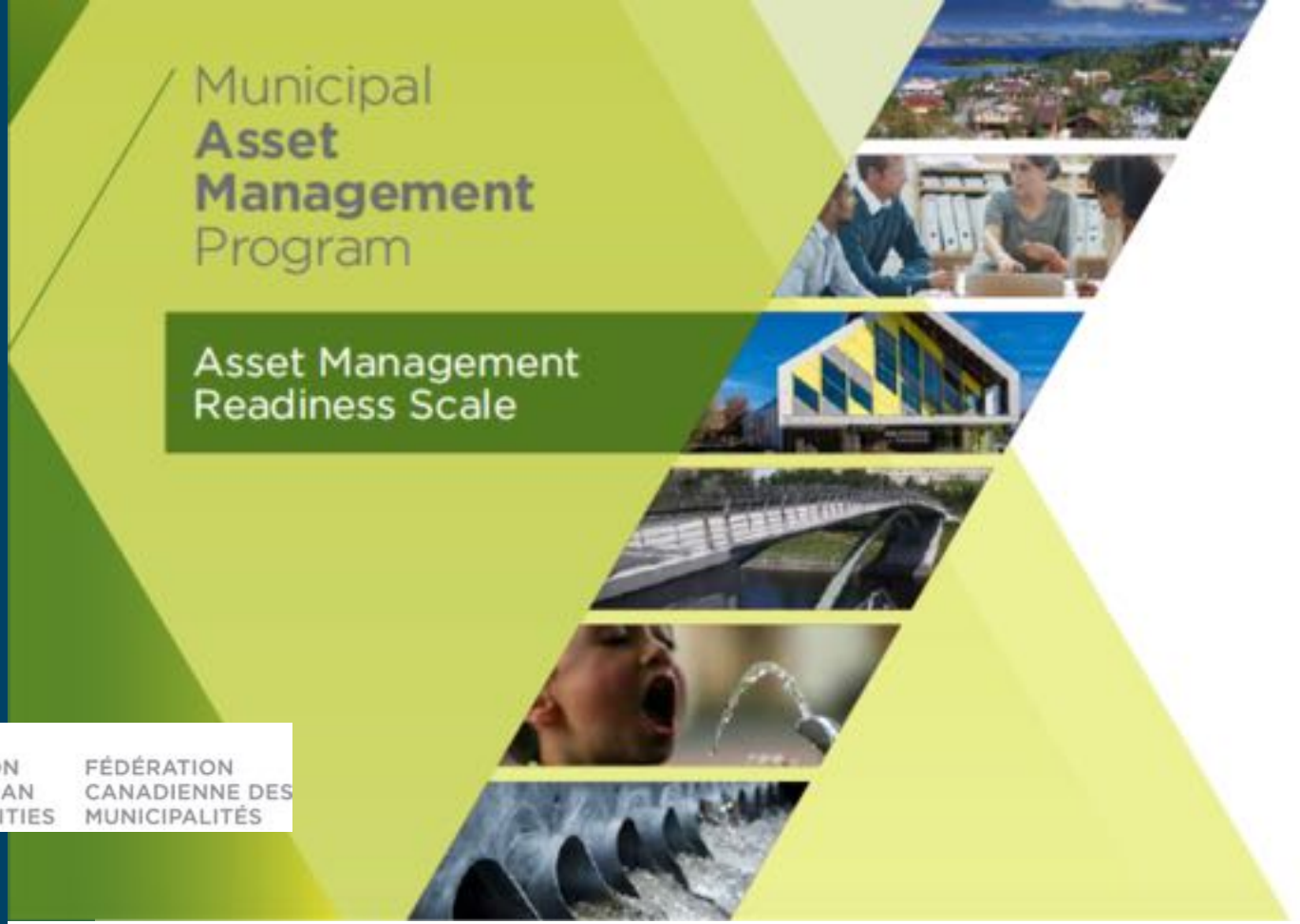
# Round 1

## 1 July 2017 – 30 June 2018

## Activities Undertaken

- Team recruitment
- Campaign set-up & launch
- AM readiness assessments*
- Awareness and Training
  *- Regional meetings, conventions, symposia & other partner events*
  *- Fire Department case study**
- Consultations with the UMC (*esp. towns pursuing direct-funded AM or related projects*)
- Round 2 Proposal Development

# Are You Ready?

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**Our fillable version for MNL Members on [www.municipalnl.ca](http://www.municipalnl.ca)**

# Teamwork required!



**Planners, Engineers, Emergency Managers**

**Finance**

Tangible Capital Asset (TCA) Accounting Meeting PS-3150 accounting requirements

## Asset Management Planning

Planning for future services

Infrastructure condition, maintenance Operating in a safe and reliable fashion

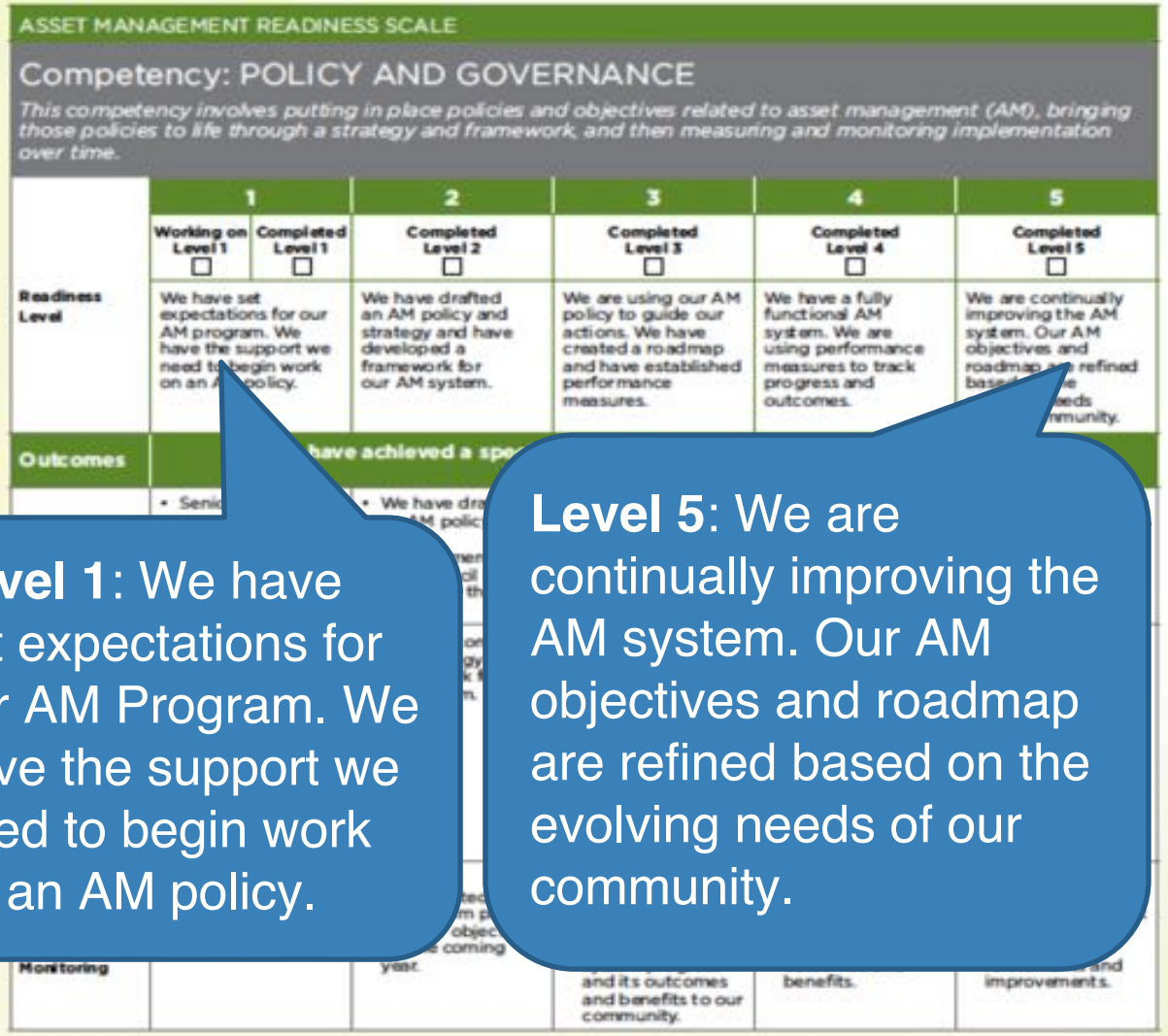
**Operations staff**

Allocating resources to meet key priorities

**Council**

# *Example*

# Readiness Levels 1-5



ASSET MANAGEMENT READINESS SCALE

Competency: POLICY AND GOVERNANCE

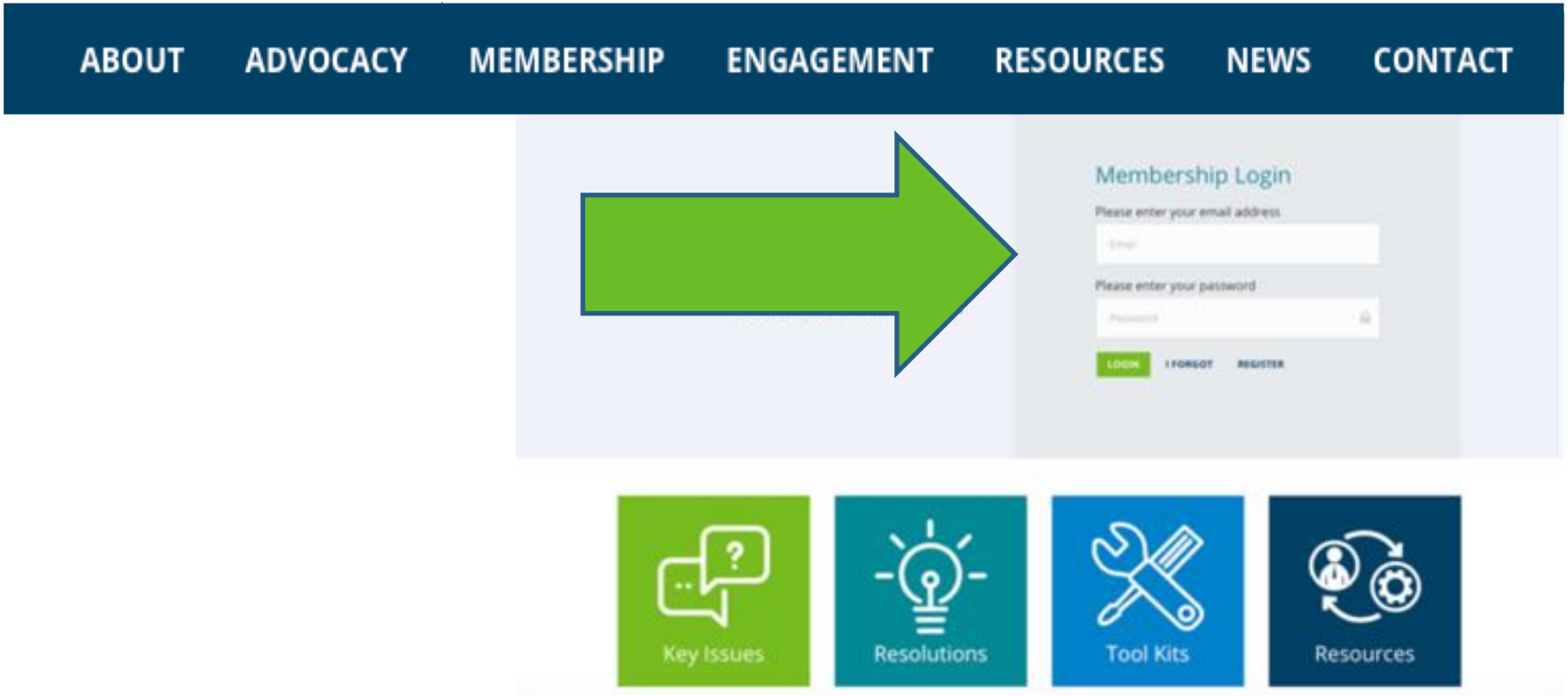
*This competency involves putting in place policies and objectives related to asset management (AM), bringing those policies to life through a strategy and framework, and then measuring and monitoring implementation over time.*

| | 1 | | 2 | 3 | 4 | 5 |
|---|---|---|---|---|---|---|
| | Working on Level 1 ☐ | Completed Level 1 ☐ | Completed Level 2 ☐ | Completed Level 3 ☐ | Completed Level 4 ☐ | Completed Level 5 ☐ |
| **Readiness Level** | We have set expectations for our AM program. We have the support we need to begin work on an AM policy. | | We have drafted an AM policy and strategy and have developed a framework for our AM system. | We are using our AM policy to guide our actions. We have created a roadmap and have established performance measures to track progress and outcomes. | We have a fully functional AM system. We are using performance measures to track progress and outcomes. | We are continually improving the AM system. Our AM objectives and roadmap are refined based on the evolving needs of our community. |
| **Outcomes** | | | | | | |
| **Monitoring** | | | | and its outcomes and benefits to our community. | benefits. | improvements. |

**Level 1**: We have set expectations for our AM Program. We have the support we need to begin work on an AM policy.

**Level 5**: We are continually improving the AM system. Our AM objectives and roadmap are refined based on the evolving needs of our community.

# https://www.municipalnl.ca



Newfoundland Labrador

# Municipal Affairs and Environment

**supports the need to complete the**

***Asset Management Readiness Scale***

**as a first step to advance**
**municipal capital asset management**
**in the province.**

# BAM!

# Round 2

1 July 2018 – 31 Dec 2019

## Activities Planned

- Ongoing Awareness and Capacity Building
  *General Membership events*
- Urban Municipal (UMC) Cohort
  *Technical Training*
- Regional Cohorts
  *Technical Training*

# Our Two-Pronged Approach

n=23

## Urban Municipalities (UMC)

- Continuing peer-learning & technical skills development
- Potential regional AM service opportunities/leadership

n=253

## Small Towns

- General awareness-building, basic tools and training
- Regional AM Cohorts (3) engaged in technical skills development



## The Big Data – Big Ideas Project

- RAnLab at Harris Centre
- MNL Steering Committee
- A “functional region” analysis
- Report, analysis and data for the municipalities
- Online access

Atlantic Canada Opportunities Agency

Agence de promotion économique du Canada atlantique

# *BAM!* Decision Support Training Modules *(working)*

- Change Management
- Strategic Management
- Needs Analysis
- Risk Management
- Decision Support

# 2018-19 Campaign Next Steps

- *BAM! NL* Working Group meeting*(s)*
- UMC Cohort planning
- Training Module development
- Regional Cohort selection *(October)*
- MNL & PMA Regional Meetings (Early 2019)

Municipalities Newfoundland and Labrador

PMA Professional Municipal Administrators

# Working Example:

***Your Fire Department***

***Cont'd…***



# Fire Department Asset Categories

- Fleet
- Machinery and Equipment
- Facilities

# Asset Inventory Descriptors

- Item
- Quantity
- Acquisition Date(s)
- Condition
- Replacement Date (est.)
- Replacement Cost (per unit)

# Want to be involved?



Thanks so much!

# Any other questions?

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***Please remember to fill out your evaluation forms.***

Municipalities
Newfoundland and Labrador