



PEMAC

**Asset Management
Association of Canada**



GETTING TO KNOW PEMAC

And The Asset Management Professional Program

Rob Lash and Nicolle Guillen - June 2021

ABOUT US



Rob Lash
Director
Board of Directors
PEMAC



Nicole Guillen
Education and Professional
Development Manager
PEMAC

AGENDA

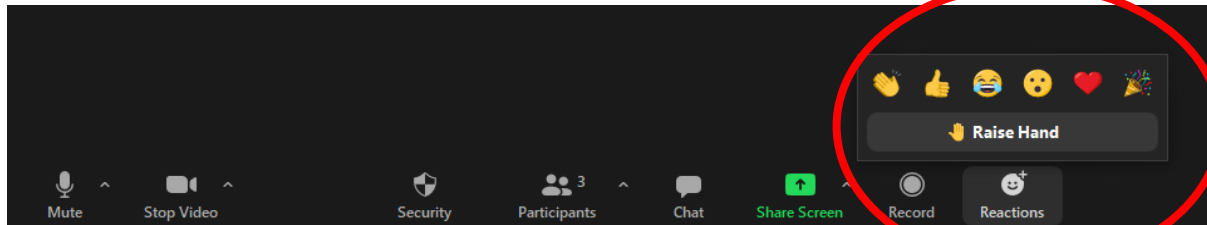
- Getting to know you
- About PEMAC
- Asset Management Training
- Things to consider
- Certification
- Open Forum & Questions

USE THE CHAT FEATURE

to share if there is anything else you would like to learn about and discuss during today's workshop.

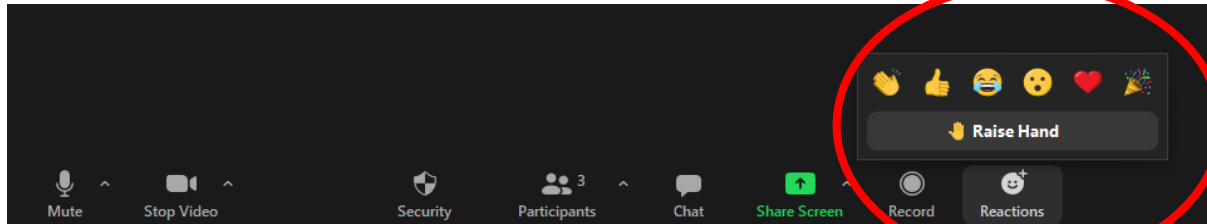
GETTING TO KNOW YOU

- Are you from a small or large municipality?
 - Small municipality (population < 10,000) 🙌
 - Mid-size municipality (population > 10,000, <100,000) 👍
 - Large municipality (population > 100,000) 😬



GETTING TO KNOW YOU

- What is your role within the municipality?
 - Elected official 🙌
 - Senior management 👍
 - Other 🤖



Canadian Leaders in Asset Management

A Canadian non-profit professional association enabling excellence in maintenance, reliability, and asset management through collaboration, applied learning, & leadership.

PEMAC's strategic goals are related to expanding maintenance and reliability management, while raising awareness and setting a high standard for life-cycle asset management and professional development.

<https://www.pemac.org/strategic-plan>

WWW.PEMAC.ORG



CHAPTERS



PEMAC Members Across Industries

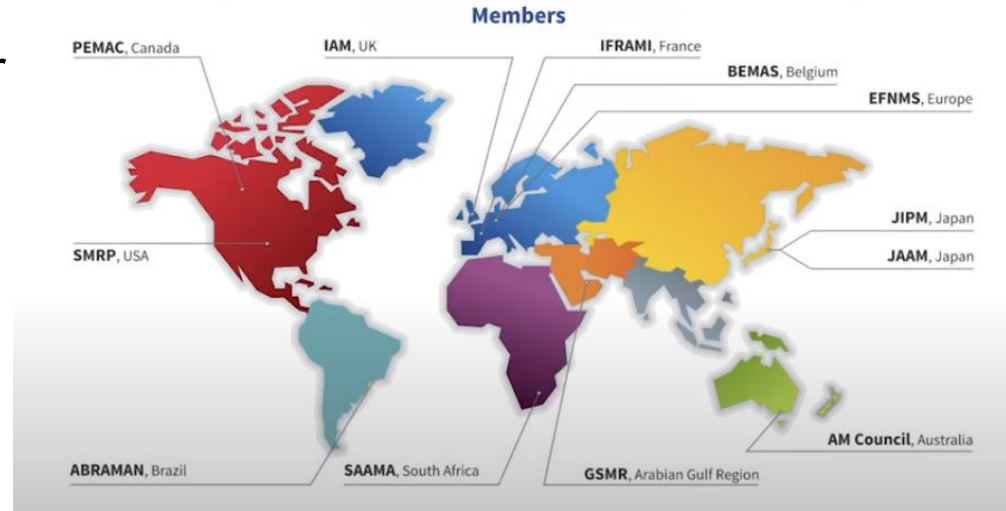
- Agriculture
- Automotive
- Aviation
- Construction
- Consulting
- Educational Services
- Energy
- Electricity
- Food Production
- Forest Products
- Health
- Manufacturing
- Mining, Quarrying
- Municipal, Provincial and Federal org..
- Oil & Gas
- Pharmaceutical
- Scientific and Technical Services
- Steel
- Public Infrastructure Management
- Pulp and paper
- Refining / Petrochemical Processing
- Transportation and Warehousing
- Utilities
- Waste Management
- **And more!**

CANADIAN LEADERS IN ASSET MANAGEMENT

Connect	Learn	Contribute	Achieve Recognition
Membership	Attend a conference	Give a Presentation	MMP Certification
Chapter Activities	Access the shared learning library	Submit to the shared learning library	CAMP Certification
Annual MainTrain Conference	Take a Course or Program	Participate on Committees	CSAM, CPAM, CTAM and CAMA Certifications
LinkedIn Groups	Attend a chapter professional development event	Contribute to Association Development	Maintenance & Asset Management Awards
Career Listings	Attend Monthly Lunch & Learn Webcasts	Vote, Attend, Support	CPD Credits

GLOBAL LEADERSHIP

- Member of the Global Forum For Maintenance & Asset Management
- PEMAC contributes to global thinking and reference documents in the professional fields of maintenance and asset management
- Incorporate up-to-date thinking and references into our MMP and AMP content and BoK references



www.gfmam.org

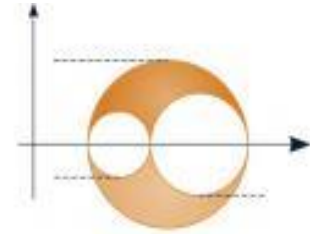
www.PEMAC.org



GLOBAL LEADERSHIP

- PEMAC is a founding partner of the World Partners in Asset Management, an organization that is working towards global recognition and alignment of asset management credentials
- Recently launched Global Certification Scheme allowing alignment and accreditation of credentials to a global standard in asset management

www.wpiam.com

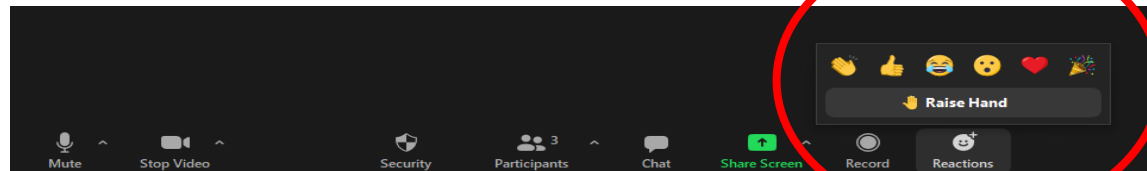


WPIAM

*World Partners in
Asset Management*

THINGS TO CONSIDER

- Have you taken any asset management training?
 - Yes 👍
 - No 😬

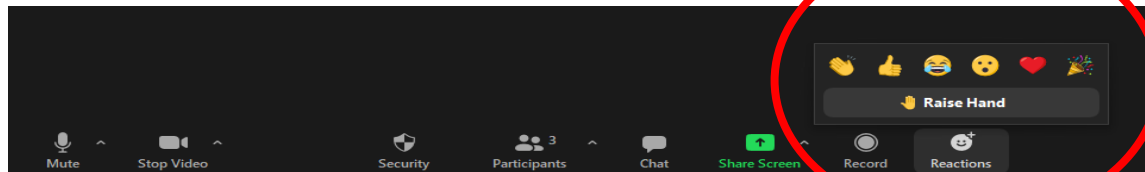


THINGS TO CONSIDER

- Have you taken or considered taking training jointly with other cross functional units (i.e. finance, risk, maintenance, operations, capital projects)?

- Yes 👍

- No 😬



PROFESSIONAL DEVELOPMENT OPPORTUNITIES

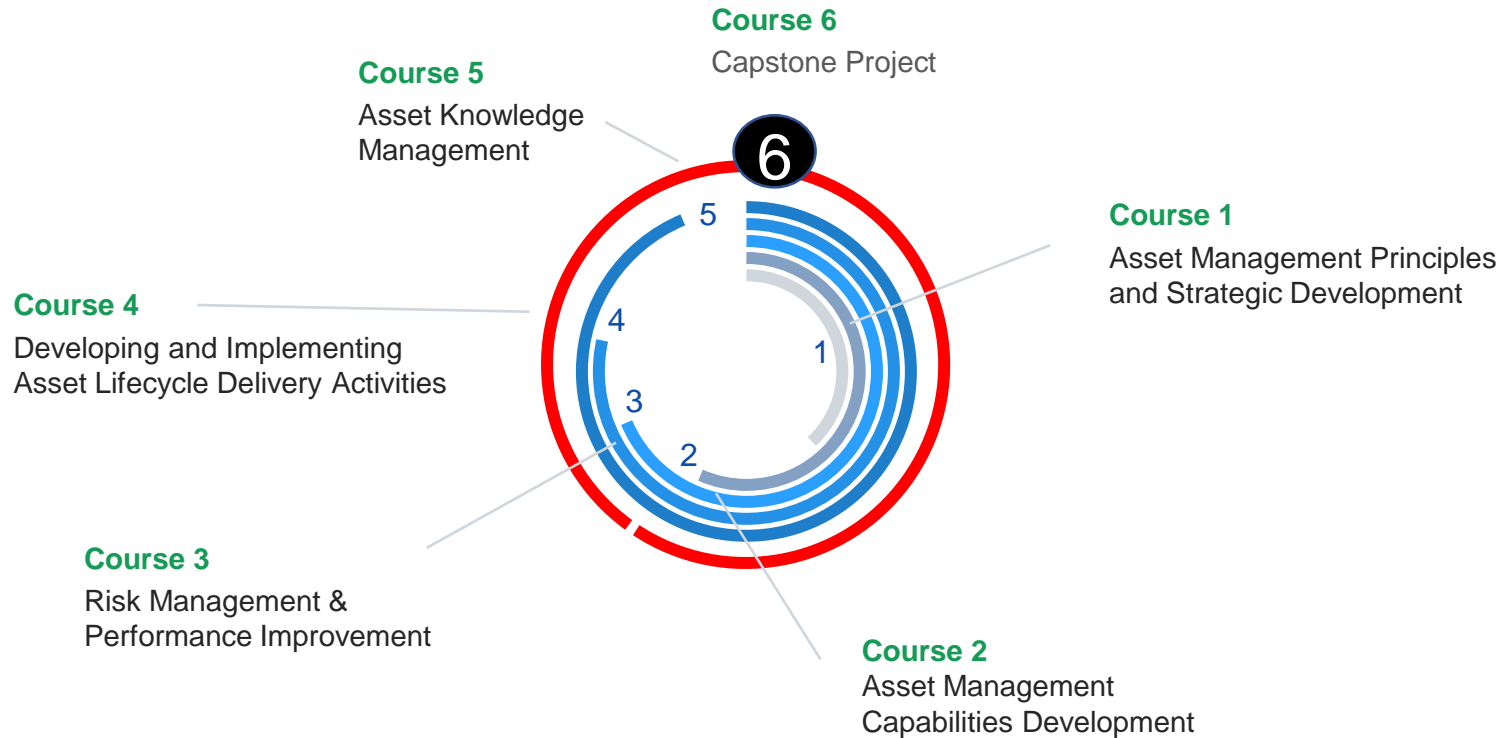
**MAINTENANCE MANAGEMENT
PROFESSIONAL PROGRAM**

**ASSET MANAGEMENT
PROFESSIONAL PROGRAM**

**BECOMING A CERTIFIED ASSET
MANAGEMENT ASSESSOR
COURSE**

CAMA EXAM

ASSET MANAGEMENT PROFESSIONAL PROGRAM



TARGET AUDIENCE

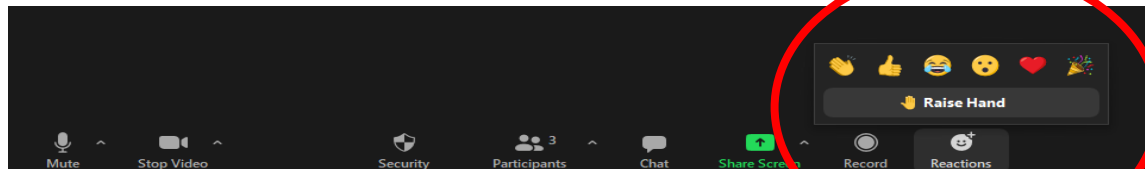
- Mid-career professionals and senior managers from various disciplines; in addition we have had elected officials attend
- Those responsible for asset-related decision-making across all phases of the life-cycle
- Philosophy:
“Coordinated effort to realize value from assets” requires practitioners in many different roles and functions to develop a common understanding of AM principles and how each contributes to “realizing value” through their role and function.

ACCESSIBLE AND APPLIED

- PEMAC has designed the curriculum to be aligned to global references including ISO 5500x and GFMAM Asset Management Landscape
- We partner with Northern Lakes College in Alberta 'continuing education' department for asynchronous delivery
- Each course is 10 weeks and broken down into lessons that are completed weekly on participant's schedule
- There are assignments, discussions and an exam in each course
- Instructors are typically practicing professionals
- Participants receive a Certification of Completion from the Teaching Institution and are eligible to apply for the PEMAC Certification: "Certified Asset Management Professional (CAMP)"

THINGS TO CONSIDER

- Where do you think you are at with life-cycle programs?
(Scale from 1 to 5)
 - 1 = Just learning 🙌
 - 2 = Plans in place 👍
 - 3 = Implementing 🤖
 - 4 = Improving ❤️
 - 5 = Best in Class 🏆
- ↓
- Your programs results in “value”;**
- measurable high asset performance (i.e. uptime, delivery of levels of service)
 - risks are well managed at acceptable levels and documented
 - lowest possible asset lifecycle costs (both CapX and OpX)

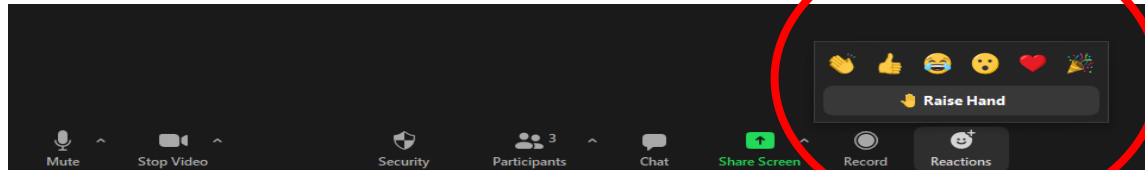


THINGS TO CONSIDER

- Do you consider and understand the life-cycle program before you approve the funding to replace infrastructure or assets?

- Yes 👍

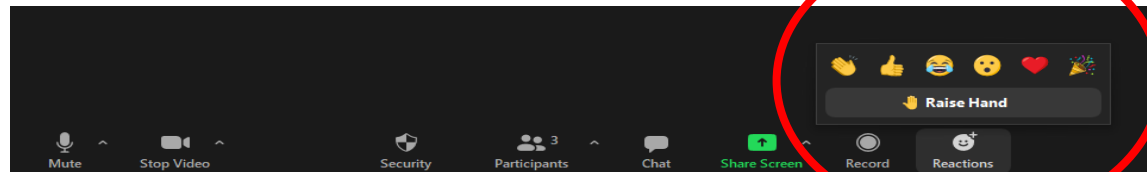
- No 😬



THINGS TO CONSIDER

- When you are approving budgets is there a good level of understanding that asset life-cycle programs are in place and followed well to ensure value from all investments?

- Yes 👍
- No 🙄



ASSET MANAGEMENT TRAINING

1. Cross department coordination is foundational in life-cycle asset management;
 - Consider a cross-functional approach to training to encourage collaboration across roles and functions
(Are we thinking this way with our earlier answers from slide 13?)
 - Important to invest in training (Are our answers showing this from slide 19?)
 - Find education opportunities that will provide a holistic asset management approach to ensure value; sharing the big picture of services and their costs
(Should we consider this based on how we answered side 20?)
2. Look for training solutions that are flexible and meet your organization and employees needs

OPPORTUNITY FOR MUNICIPALITIES

- Special offering of AMP Course 1 for municipal practitioners
 - Delivered Live online over 5 days
- Municipalities across Canada can participate as cross-functional teams within their own organization
- Supplemented registration fees
- This initiative is delivered through the Municipal Asset Management Program, which is delivered by the Federation of Canadian Municipalities and funded by the Government of Canada.
- Date: Oct 19 to Oct. 28, 2021

Canada

WWW.PEMAC.ORG

FCM FEDERATION
OF CANADIAN
MUNICIPALITIES

FÉDÉRATION
CANADIENNE DES
MUNICIPALITÉS



GLOBAL CERTIFICATION SCHEME

A major accomplishment in global collaboration



PEMAC Suite of Certifications



WWW.PEMAC.ORG

MORE INFORMATION ABOUT PEMAC & PROGRAMS

- Visit www.pemac.org
- Visit <https://www.pemac.org/education> for more information about the programs
- AMP Program - www.pemac.org/amp
- Municipal Asset Management initiative – www.pemac.org/amp_municipal

For more information about the programs:

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QUESTIONS

THANK YOU