

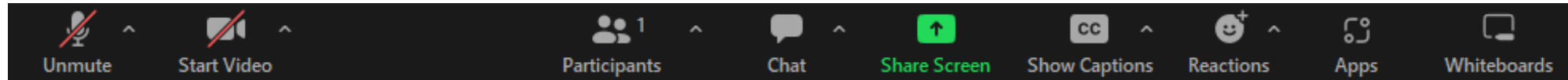
Session 2: Integrating Climate Change and Levels of Service

Wednesday, December 7, 2022



This initiative is offered through the Municipal Asset Management Program, which is delivered by the Federation of Canadian Municipalities and funded by the Government of Canada.

Zoom Housekeeping



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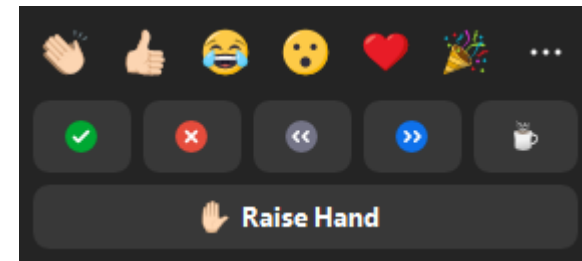
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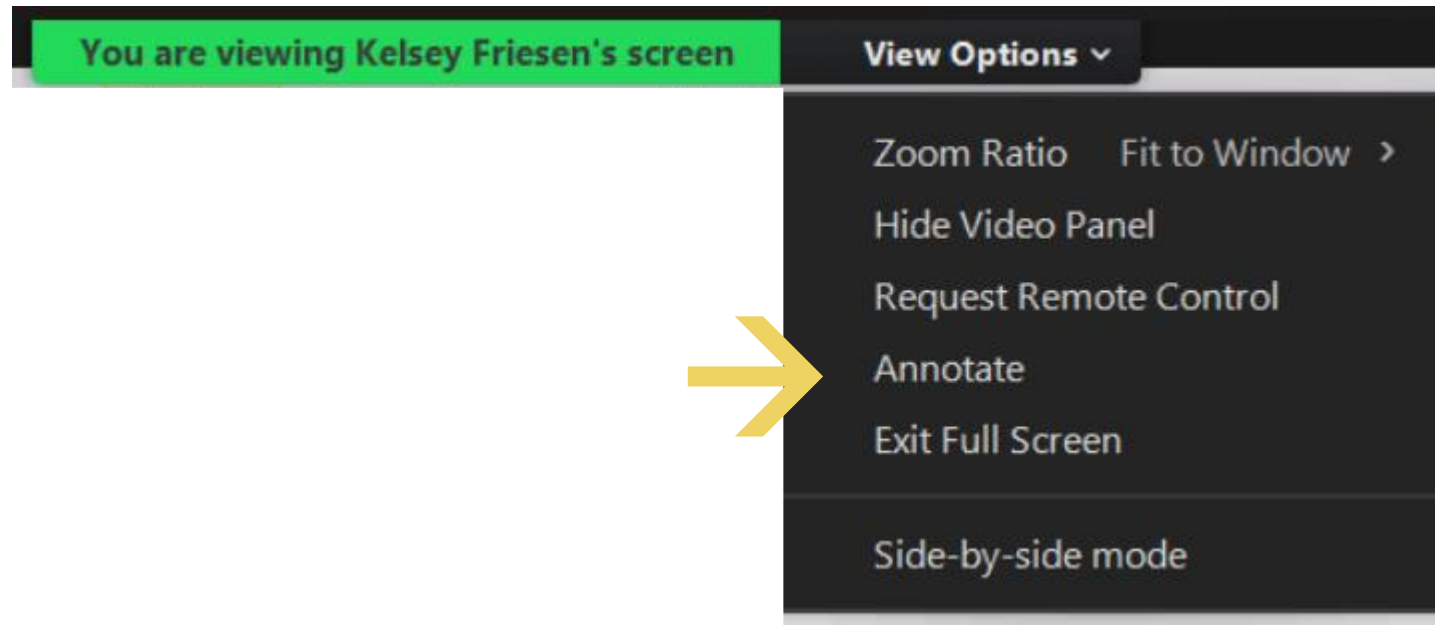
Please Rename –
Name (Community)



Technical Troubles?

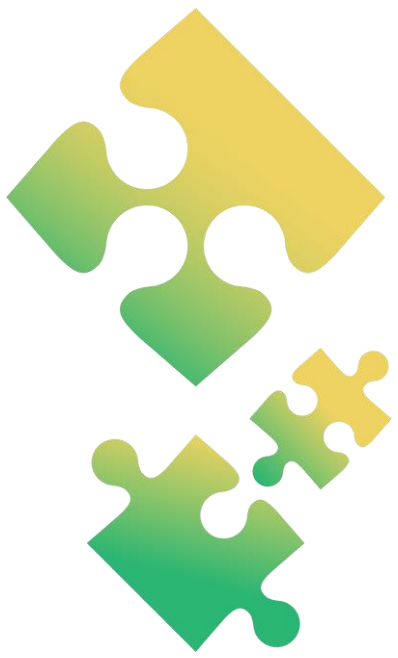
Kelsey Friesen – kfriesen@urbansystems.ca

Zoom Housekeeping - Annotate



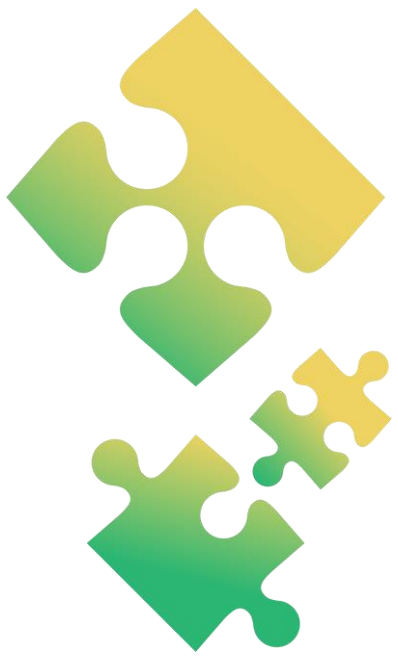
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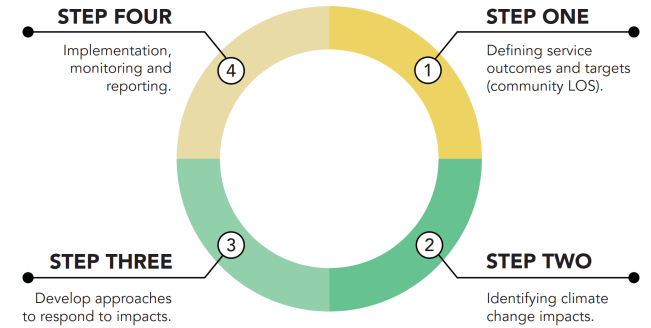
Welcome!

Bernadette O'Connor, CNAM MAMP Steering Committee



Morning (?) Coffee Break

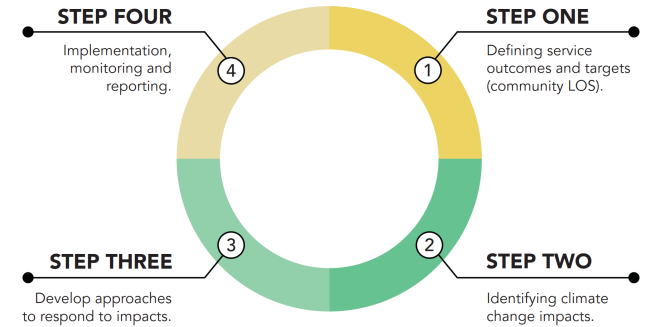
Step 3: Develop Response to Impacts



- What will we do to manage climate impacts?
- What will we do to deliver new services?
- When will we do it?
- How will we fund it?
- Do we need to refine our service commitments?

Don't forget about natural assets!

Step 3: Develop Response to Impacts

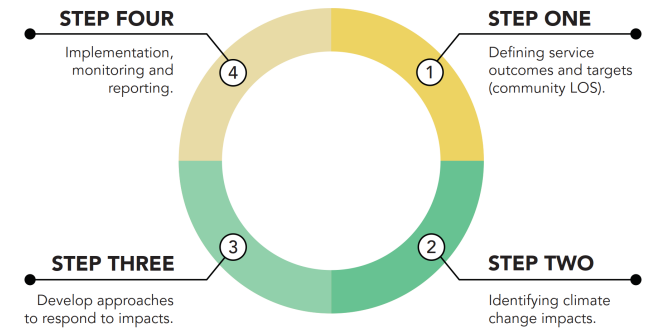


- Actions to get started
 - Using results from step 2, identify options for managing impacts and delivering new services
 - Identify when actions must take place and approximate costs
 - Evaluate options by considering costs and benefits
 - Review options compared to LOS commitments, identify if commitments need revising

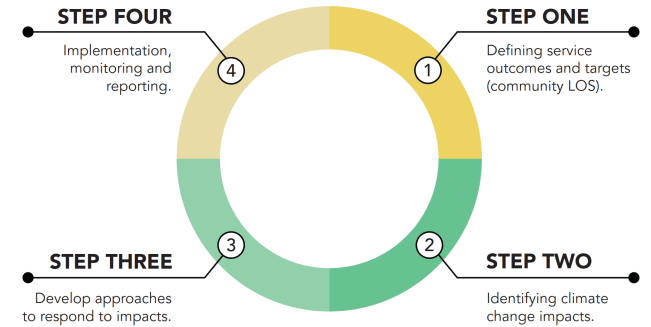
You may end up with more questions than answers!

Step 4: Implementation, Monitoring, Reporting

- What approaches have we implemented?
- How does our LOS performance compare with our targets?
- What have we learned?
- Who needs this information?

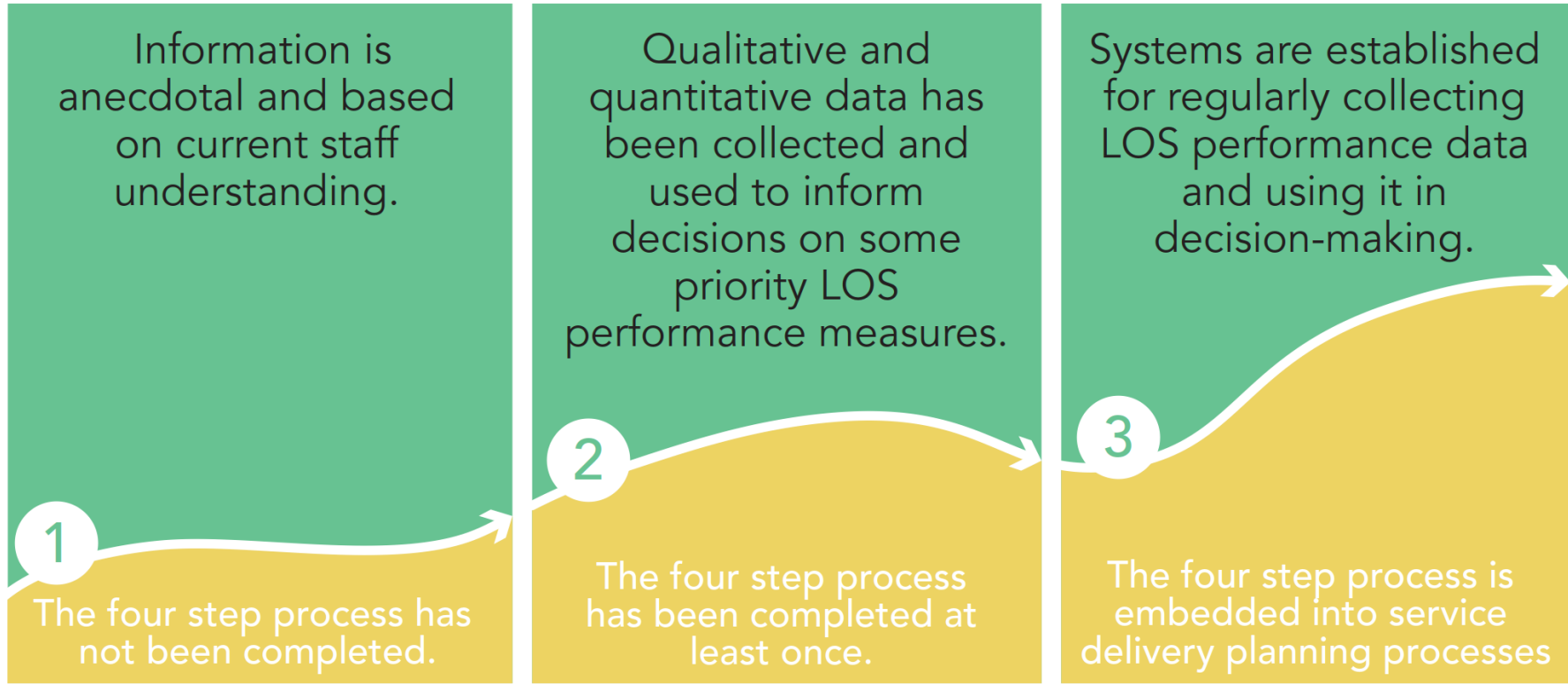


Step 4: Implementation, Monitoring, Reporting



- Actions to get started
 - With your team, review what you've implemented, impacts to LOS performance or future risk, and learnings
 - Identify reporting audiences and key information
 - Identify opportunities to integrate reporting with other reporting processes

Increasing Levels of Maturity





Module E: How to Integrate Climate Change and Levels of Service - Application



LEARNING GOALS:

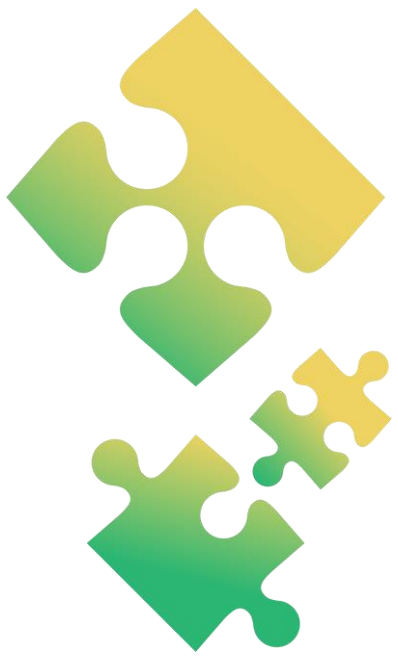
After completing this module, you will be able to:

- Start working on integrating climate change and levels of service while learning from facilitators and other participants



Choose your own adventure

1. Time with your teams to document/define your work plan/approach to achieving goals from workshop 1
2. Time with your teams to work through some of the steps for integrating climate change with levels of service



You've made it!



Next Steps: Individual Support

- Individual support round 2 (January – March 2023)
 - Facilitators will reach out in early January
 - Up to participants to define the support needed
 - Facilitators will work with you to develop support plan
 - 2-4 hours of total time, depending on expertise needed

Think of facilitators as an extra team member!

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Individual Support Ideas

Regular Zoom meetings to:

- check in on our team's progress
- listen to challenges
- bring another perspective to what we're experiencing
- offer other considerations
- direct us to other resources that may help with our specific challenge(s)



Individual Support Ideas

Reviewing a draft of a:

- project charter
- terms of reference
- plan
- strategy
- council report
- pretty much anything else

and setting up a Zoom to review any comments or suggestions the facilitators may have.



Individual Support Ideas

Specific technical advice on incorporating climate change into technical levels of service:

- IDF curves in rainwater modeling/design
- river modeling and flood mapping
- integrated rainwater management planning
- climate risk/vulnerability assessments
- renewable energy policy/strategy



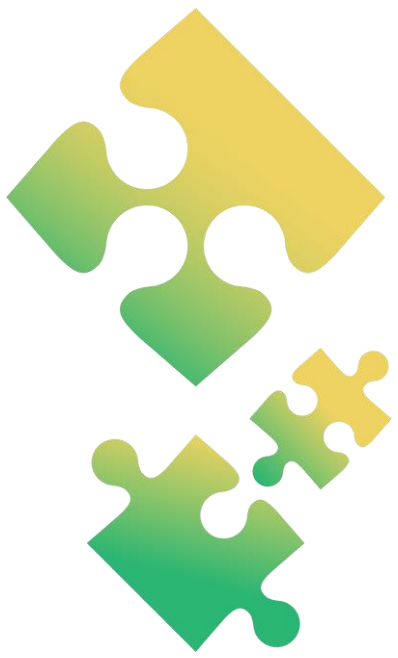
Individual Support Ideas

Other? Let's discuss your ideas!

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Next Steps: Workshop #3

- End of March/early April
- Timing dependent on the structure of check-in support that is most helpful
- Interest in an informal experience-sharing group check-in at the end of February?



Workshop Feedback

Poll