

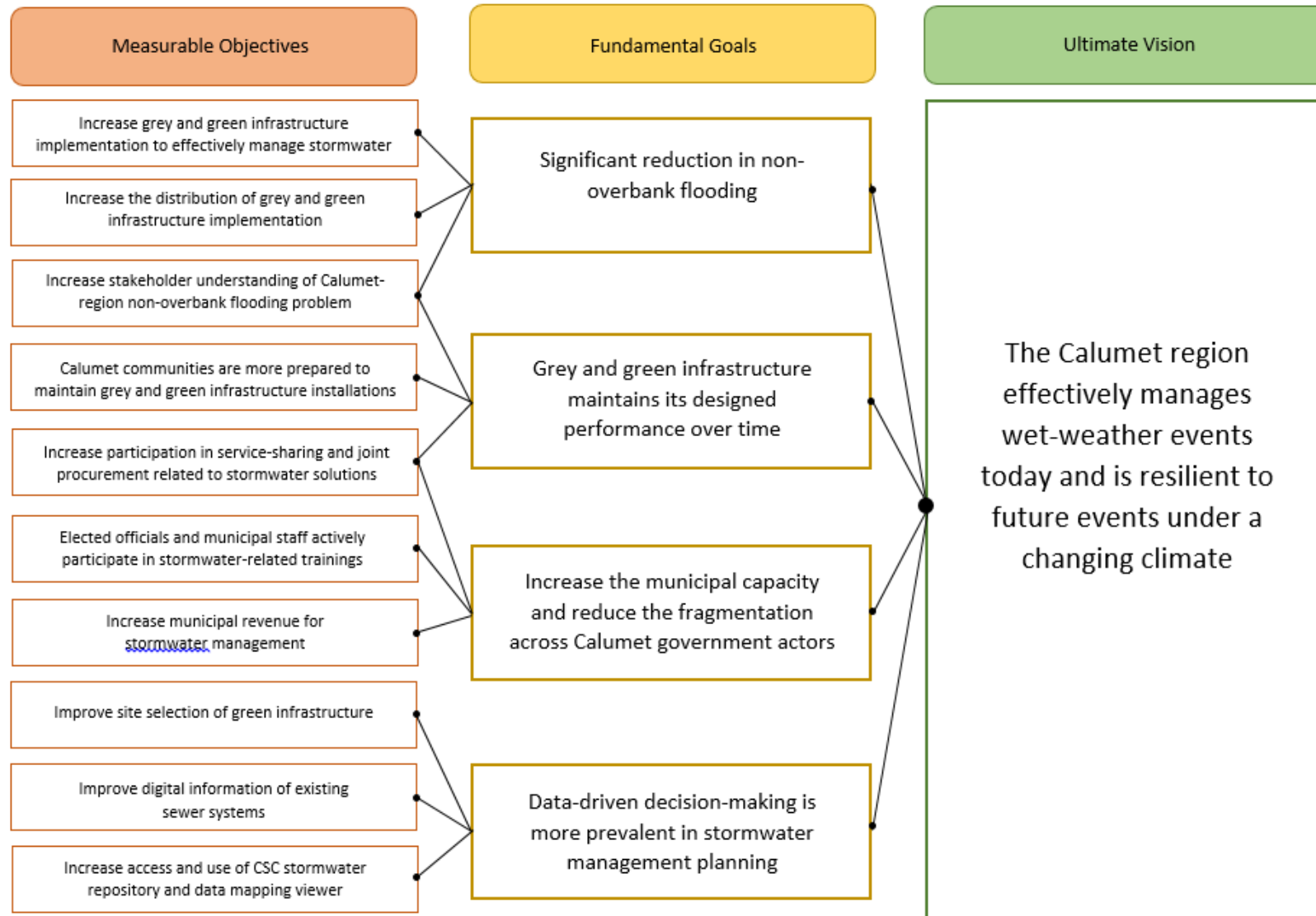
UPDATE ON THE CSC 3-YEAR WORK PLAN

Ultimate vision for the Calumet

The Calumet region effectively manages wet-weather events today and is resilient to future events under a changing climate



Framework for CSC 3-year Work Plan



Multi-year, phased approach to our work

Phase 1

Foundational Baselines

- Figuring out baseline conditions and where the needs are
- Gathering the data to drive decision-making

Phase 2

Prioritized Strategies & Capacity Building

- Utilizing outputs from Phase 1
- Prioritizing and strategizing direction of future activities

Phase 3

Targeted Implementation

- Advancing targeted activities on the ground

Fundamental Goals

GOAL 1

Significant reduction in non-overbank flooding

GOAL 2

Grey and green infrastructure maintains its designed performance over time

GOAL 3

Increase the municipal capacity and reduce the fragmentation across Calumet government actors

GOAL 4

Data-driven decision-making is more prevalent in stormwater management planning

Objectives to Meet Goal 1

GOAL 1
Significant reduction in non-overbank flooding

OBJECTIVE
Increase grey and green infrastructure implementation to effectively manage stormwater

OBJECTIVE
Increase the distribution of grey and green infrastructure implementation

OBJECTIVE
Increase stakeholder understanding of Calumet-region non-overbank flooding problem

OBJECTIVE
Calumet communities are more prepared to maintain grey and green infrastructure installations

Phase 1: Foundational Activity #1

GOAL 1

Significant reduction in non-overbank flooding

OBJECTIVE

Increase grey and green infrastructure implementation to effectively manage stormwater

OBJECTIVE

Increase the distribution of grey and green infrastructure implementation

OBJECTIVE

Calumet communities are more prepared to maintain grey and green infrastructure installations

Activity 1: Establish baseline of existing green infrastructure

Purpose: record the amount, location and maintenance status of existing built green infrastructure in order to strategically pursue increased green infrastructure over a baseline amount installed today.

Phase 1 >> conduct a needs assessment confirming the need for, desired use and design of a green infrastructure baseline inventory that can be updated annually.

Phase 1: Foundational Activity #2

GOAL 1

Significant reduction in non-overbank flooding

OBJECTIVE

Increase grey and green infrastructure implementation to effectively manage stormwater

OBJECTIVE

Increase distribution of grey and green infrastructure implementation

OBJECTIVE

Increase stakeholder understanding of Calumet-region non-overbank flooding problem

Activity 2: Establish baseline of non-overbank flooding

Purpose: document the extent of current urban flooding events and the scale in order to strategically pursue future activities, like green infrastructure site selection, where they are needed most.

Phase 1 >> conduct a needs assessment confirming the need for, desired use and data sources available or needed in order to compile a baseline of non-overbank flooding in the Calumet.

Objectives to Meet Goal 2

GOAL 2

Grey and green infrastructure maintains its designed performance over time

OBJECTIVE

Increase grey and green infrastructure implementation to effectively manage stormwater

OBJECTIVE

Calumet communities are more prepared to maintain grey and green infrastructure installations

OBJECTIVE

Increase participation in service-sharing and joint procurement related to stormwater solutions

Phase 1: Foundational Activity #3

GOAL 2

Grey and green infrastructure maintains its designed performance over time

OBJECTIVE

Increase grey and green infrastructure implementation to effectively manage stormwater

OBJECTIVE

Calumet communities are more prepared to maintain grey and green infrastructure

OBJECTIVE

Increase participation in service-sharing and joint procurement related to stormwater solutions

Activity 3: Develop a green infrastructure certification program

Purpose: train public works staff and other practitioners on common standards and best practices of green infrastructure maintenance in order to improve rate and quality of infrastructure maintenance.

Phase 1 >> develop a green infrastructure certification program, identify audiences and delivery mechanisms.

Objectives to Meet Goal 3

GOAL 3

Increase the municipal capacity and reduce the fragmentation across Calumet government actors

OBJECTIVE

Calumet communities are more prepared to maintain grey and green infrastructure installations

OBJECTIVE

Increase participation in service-sharing and joint procurement related to stormwater solutions

OBJECTIVE

Elected officials and municipal staff actively participate in stormwater-related trainings

OBJECTIVE

Increase municipal revenue for stormwater management

Phase 1: Foundational Activity #4

GOAL 3

Increase the municipal capacity and reduce the fragmentation across Calumet government actors

OBJECTIVE

Calumet communities are more prepared to maintain grey and green infrastructure

OBJECTIVE

Increase participation in service-sharing and joint procurement related to stormwater solutions

OBJECTIVE

Elected officials and municipal staff actively participate in stormwater-related trainings

OBJECTIVE

Increase municipal revenue for stormwater management

Activity 4: Establish baseline of municipal capacity in stormwater management

Purpose: document the current baseline of Calumet municipalities' capacity to manage, plan and invest in stormwater solutions in order to strategically prioritize future activities, like shared-services, where they have the greatest impact.

Phase 1 >> collect information of municipalities' stormwater staff experience, training needs, green infrastructure installed, stormwater planning, shared services experiences, maintenance needs, etc.

Objectives to Meet Goal 4

GOAL 4

Data-driven decision-making is more prevalent in stormwater management planning

OBJECTIVE

Improve site selection of green infrastructure

OBJECTIVE

Improve digital information of existing sewer systems

OBJECTIVE

Increase access and use of CSC stormwater repository and data mapping viewer

Recap of Foundational Activities

Activity 1: Establish baseline of existing green infrastructure

Activity 2: Establish baseline of non-overbank flooding

Activity 3: Develop a green infrastructure certification program

Activity 4: Establish baseline of municipal capacity in stormwater management

Proposed Activities by Work Group

Activity 1: Establish baseline of existing green infrastructure

Activity 2: Establish baseline of non-overbank flooding

Activity 3: Develop a green infrastructure certification program

Activity 4: Establish baseline of municipal capacity in stormwater management

Data & Modeling Work Group
Lead – MPC

Planning & Policy Work Group
Lead – CMAP

Training & Maintenance Work Group
Lead – OAI, Inc.

Municipal Outreach & Engagement Work Group
Leads – CMAP, MPC, SSMMA

Proposed Approach to Member-led Activities

- Google survey Members fill out with:
 - Project/program name
 - Short description (5-7 words)
 - Timeline
 - Articulation of CSC's role
 - Alignment with the objectives
 - *(optional): what does success look like over 3 years?