



# ON TO 2050 Implementation: Environment

November 7, 2019



# Agenda

- Revisit ENR committee charge and past activities
- Provide overview of environment work plan
- Focus on agency priority on climate

# ENR committee charge

- Provide feedback on CMAP planning and projects relating to the environment and natural resources to implement the ON TO 2050 plan and its principles of inclusive growth, resilience, and prioritized investment.
- Coordinate and prioritize policy positions, programs, and advocacy between CMAP, the region's communities, and other organizations.

# Past ENR activities

- Feedback on policy recommendations and performance targets of ON TO 2050
- Annual LTA application review and feedback to inform project selection
- Feedback on LTA planning processes to improve plan content

# Past ENR activities

- Committee vote and advocacy on proposed amendment of Illiana Corridor in regional plan (2013)
- Information from ENR presentations and discussions informed own organization's work

**How can the  
committee assist  
with ON TO 2050  
implementation?**

# Environment work plan

# Purpose and Goals

**Purpose:** Develop a multi-year work plan for implementing ON TO 2050 Environment Recommendations for 5 years starting with FY20.

## **Goals:**

- Advance a subset of ON TO 2050 Environment actions each year
- Identify actions with potential for collaboration
- Identify actions that require external funding sources



# Process so far

- Developed work plan for year 1 based on existing efforts, staff capacity, and funding availability
- Grouped activities into categories of work:
  - Local Technical Assistance
  - Civic coordination
  - Information services
  - Funding exploration

# Year 1

## Local Technical Assistance

- Integrate OT50 recommendations into LTA plans:
  - climate vulnerability and resilience
  - stormwater and flooding analysis, and
  - water supply and demand
- Central Council of Mayors Transportation and Stormwater Infrastructure Plan
- Kane County Land Use Strategy
- Indian Creek Watershed Plan
- Mill Creek Watershed Plan (complete)

# Year 1

## **Civic coordination**

- Support sub-regional organizations:
  - Northwest Water Planning Alliance
  - Southwest Water Planning Group
  - Fox River Flood Commission
  - Calumet Stormwater Collaborative
- Participate in State Water Plan
- Participate in MMC's GCOM Regional Climate Plan

# Year 1

## Information services

- Explore water management models
- Explore land use based water demand forecast methodology
- Broadcast environmental policy, data, and related resources

# Year 1

## Funding exploration (for years 2-5)

*Ideas could include:*

- Regional climate mitigation plan
- Regional integrated water resources plan
- Continued water resource planning support
- Green Infrastructure Vision update

# Year 2-5

## Requesting ENR feedback by goal area in the plan:

- Climate adaptation and mitigation (today)
- Water
- Land

**Focus area:  
Climate adaptation  
and mitigation**

ON TO 2050 ENVIRONMENT GOAL

# A region prepared for climate change



# ON TO 2050 and climate change

## **Recommendation: Intensify climate mitigation efforts**

- Comprehensively address energy and climate change at the federal and state levels
- Transform transportation systems to reduce emissions
- Increase low- and zero-emissions energy generation

# ON TO 2050 and climate change

## Recommendation: Plan for climate resilience

- Incorporate climate resilience and adaptation measures into planning and development
- Strengthen gray and green infrastructure to withstand climate change
- Improve the operational response to weather events to ensure mobility

# ON TO 2050 and climate change

## Recommendation: Plan for climate resilience (continued)

- Create a more flexible and decentralized electric grid
- Diversify agricultural systems to promote resilience
- Explore a regional climate resilience platform to coordinate initiatives and provide data and resources

# Previous and current work

## Climate mitigation

- **Local Technical Assistance:**  
Park Forest Sustainability Plan, DuPage County Government Center Sustainability Guide
- **Data:** Greenhouse Gas Inventory
- **Coordination:** MMC Regional Climate Action Plan
- **External Grants:** Energy Impact Illinois

# Previous and current work

## Climate resilience

- **Policy and Guidance:** Climate Adaptation Toolkit, APA Guidebook
- **Local Technical Assistance:** Vulnerability assessment pilots, local stormwater planning
- **Coordination:** National Disaster Resilience Competition
- **External Grants:** Stormwater planning

# Transportation planning & programming

- Regionally Significant Projects (RSP) evaluation
- GHG Inventories
- Air Quality Conformity
- Congestion Mitigation and Air Quality Improvement Program (CMAQ)
- Locally programmed Transportation Alternatives Program (TAP-L)

**How should CMAP  
approach taking  
action?**

**Are there  
synergies between  
organizations?**



# Next steps

- Potential activities for committee
- Next steps for engagement
- Any final thoughts?



**Brian Daly**  
**[bdaly@cmmap.Illinois.gov](mailto:bdaly@cmmap.Illinois.gov)**

**Kate Evasic**  
**[kevasic@cmmap.Illinois.gov](mailto:kevasic@cmmap.Illinois.gov)**

**Nora Beck**  
**[nbeck@cmmap.Illinois.gov](mailto:nbeck@cmmap.Illinois.gov)**