COLLABORATIVE PLANNING FOR NORTHERN ILLINOIS

Climate Resiliency Forum

Tuesday, July 23rd, 2024 – 4:00 PM – 5:30 PM
Region 1 Planning Council

AGENDA

1. Call to Order
2. Roll Call
3. Public Comment
4. Action Item: Approval of the Meeting Minutes of May 28th, 2024
5. Discussion Item: Parking Reimagined
6. Discussion Item: Climate Action Plan – Action Matrix
7. Staff Reports
8. Agency Reports
9. Other Business
10. Adjournment

Persons who require special accommodations under the Americans with Disabilities Act or persons who require translation services (free of charge) should contact R1 Planning at 815-319-4180 at least two working days before the need for such services or accommodations.

Climate Resiliency Forum

Tuesday, May 28th, 2024 – 4:00 PM – 5:30 PM
Region 1 Planning Council

1. **Call to Order**
   The meeting was called to order at 4:04 pm.

2. **Roll Call**
   Members Present: Colin Belle, City of Rockford Planning and Zoning; Mike Bacon, Climate Reality Project; Neely Erickson, Illinois REALTORS; Alan Branhagen, Natural Land Institute; Rebecca Olson, Olson Ecological Solutions; Ann Wasser, Severson Dells; Brad Roos, Sustain Rockford; Jeff Bailey, West Gate Coalition; Todd Marshall, Winnebago County Health Department; Dennis Anthony, Winnebago County Soil & Water Conservation District; Bob Campbell, ZION Development Corporation
   Staff Present: Lauren Kleve, Sydney Turner, Clara Romeo, Vanessa Mauries, Juliana Charlebois-Berg, Eric Tison, Estelle Adiaba, Autumn Carlson, Megan Devine, Ryan Salamon

3. **Public Comment**
   a. No Public Comment.

4. **Action Item: Approval of the Meeting Minutes of March 26, 2024**
   a. Motion by Winnebago County Soil & Water Conservation District, Seconded by City of Rockford Planning and Zoning, Minutes Approved.

5. **Discussion: Climate Action Plan – Updates**
   a. Lauren Kleve, R1 Environmental Planner, elaborated on the development process of the Climate Action Plan (CAP). Providing a summary of the chapters and technical reports within the plan. Additionally, Ms. Kleve presented the remaining timeline for the CAP along with the public engagement strategy status, detailing the results of the workshops held at Winnebago and Boone Counties.
   b. Throughout the presentation, forum members shared ideas of topics to include in the CAP and requested clarification on the contents of the plan.

6. **Discussion: Renewable Energy & Community Resilience**

a. Juliana Charlebois-Berg, R1 Sustainability Research Analyst, presented the U.S Department of Energy project, Recuperat, to the forum. This project aims to improve energy resilience for underserved communities affected by high-speed winds. Ms. Charlebois-Berg provided a project overview and highlighted key components of the project such as objectives and technical scope. Ms. Charlesbois-Berg concluded her presentation by requesting engagement opportunities from the forum.
b. Discussion was held on the Recuperat project objectives.

7. **Staff Reports**
   a. No staff reports.

8. **Agency Reports**
   a. West Gate Coalition is hosting an energy education and training event.
   b. Sustain Rockford promoted their Solar Expo scheduled for July 18, 2024, at the Embassy Suites in Rockford.
   c. Olson Ecological Solutions announced volunteer opportunities to help plant native vegetation for an IEPA 319 funded Watershed Education & Outreach Program on June 1st and August 24th.

9. **Other Business**
   a. No other business.

10. **Adjournment**
    a. Motion by City of Rockford Planning and Zoning, second by Climate Reality Project, to adjourn at 4:58 pm. Motion approved by a unanimous voice vote.

Meeting minutes prepared by: Vanessa Mauries

Minutes approved by action of the Forum:

_____

Parking Reimagined

CLIMATE RESILIENCY FORUM I 7/23/2024

AN ENGINE FOR COLLABORATION IN NORTHERN ILLINOIS

PROJECT PURPOSE

As mobility, land use, and climate patterns change and new transportation technologies emerge, regions must begin to examine current parking trends and reimagine how parking could look in the future.

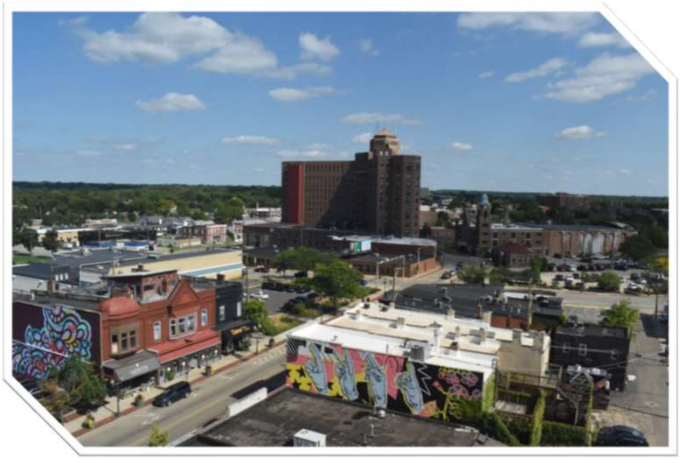
PROJECT GOALS

- Identify current and future trends affecting parking and mobility,
- Develop strategies for more effective utilization of parking resources,
- Promote sustainable and equitable approaches to parking and mobility,
- Enhance transportation mode choice, and
- Improve the safety and efficiency of the transportation system.

At the end of this planning process, the region will have a plan that demonstrates how parking can be **transformed over the next 5-10 years**.

PROJECT DELIVERABLES

1. Introduction
2. History of Parking
3. Benefits and Burdens
4. Current and Future Trends
5. Parking Snapshot
6. Strategies and Recommendations
7. Conclusion



PLANNING PROCESS & TIMELINE

Phase 0. Project Scoping
Winter 2023

Phase 1. Research
Spring 2024

Phase 2. Inventory & Analysis
Spring - Summer 2024

Phase 3. Plan Development
Spring – Fall 2024

Phase 4. Public Engagement
Summer – Winter 2024

Phase 5. Project Wrap-Up
Winter 2024

PARKING BENEFITS & BURDENS

Benefits

- Safety: On-street parking
- Perceived convenience

Burdens

- Environmental: stormwater runoff, heat island effect, air quality
- Use of space
- Increases urban sprawl

PARKING TRENDS

1. Green infrastructure
2. Technology and EV infrastructure
3. Policy reform
4. Parking pricing
5. Replacement of parking lots

GREEN INFRASTRUCTURE PARKING TRENDS

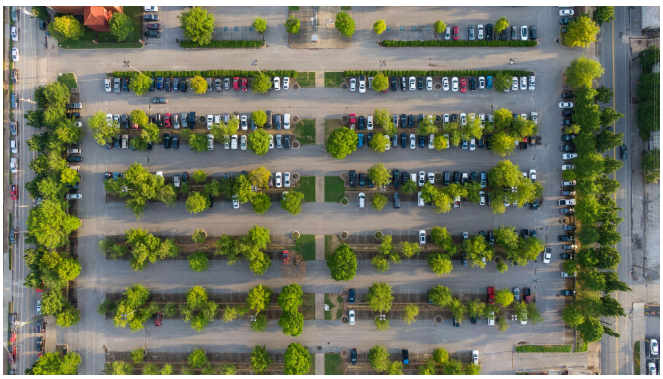
Smart Surfaces

Stormwater BMPs

Solar Canopies

Natural Landscaping

Stay Informed on Engage R1!



CONTACT INFORMATION
Lauren Kleve,
Environmental Planner
LKleve@R1planning.org

Join at menti.com | use code 4460 0360

Parking Reimagined

Climate Resiliency Forum 7/23/24

Join at menti.com | use code 4460 0360

Mentimeter

Instructions

Go to

www.menti.com

Enter the code

4460 0360

Or use QR code

Join at menti.com | use code 4460 0360

Mentimeter

How far are you willing to walk from your parking spot to your destination?

Within the same parking lot I parked in	1-2 minutes	3-5 minutes	6-9 minutes	10-14 minutes	15+ minutes
0	0	0	0	0	0

Join at menti.com | use code 4460 0360

How much would you be willing to pay to park per hour?

Please select the highest rate you would be willing to pay for parking.

$0.00 $10.00

Join at menti.com | use code 4460 0360

What parking features do you consider essential when choosing a parking space?

1st	Clear demarcation lines
2nd	Bright lighting
3rd	Shade trees & greenspace
4th	Covered parking
5th	EV charging stations
6th	Pedestrian friendly
7th	Clear signage
8th	Patrolled by security

Join at menti.com | use code 4460 0360

Mentimeter

What barriers do you face while parking?

All responses to your question will be shown here

Each response can be up to 200 characters long

Turn on voting in Interactivity to let participants vote for their favorites

Join at menti.com | use code 4460 0360

Mentimeter

Rank the following parking factors in order of priority from most important (1) to least important (6) when determining where to park.

1st	Distance to destination
2nd	Price
3rd	Parking available
4th	Parking enforcement
5th	Safety
6th	Familiarity with the area

Join at menti.com | use code 4460 0360

What type of public parking facility do you prefer to park in?

0	0	0
Surface lot (off-street)	On-street	Parking garage

Join at menti.com | use code 4460 0360

Mentimeter

Do you agree that guidelines and regulations surrounding parking enforcement are clearly communicated?

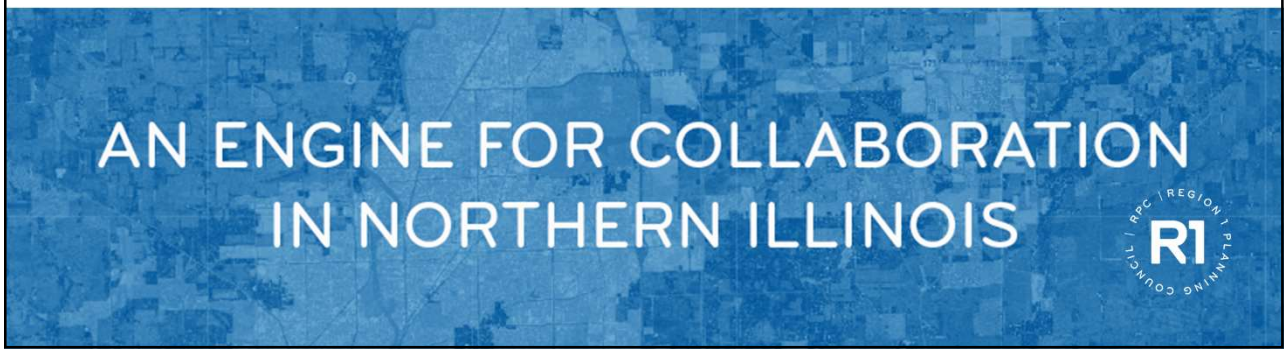
Please drag the scale bar to your level of agreement.

Strongly disagree

Strongly agree

Climate Action Plan: Action Matrix

CLIMATE RESILIENCY FORUM I 7/23/2024



GOALS FOR TODAY

1. Review feedback on the CAP's goals and strategies.
2. Discuss the CAP Implementation Matrix.

CLIMATE ACTION PLAN STRATEGIES

RANKING STRATEGIES BASED ON PUBLIC INPUT

GOAL 1. IMPROVE THE REGION'S AIR QUALITY AND REDUCE GHG EMISSIONS.

Strategy 1.1. Reduce regional greenhouse gas (GHG) emissions.

Strategy 1.2. Maintain and improve air quality.

GOAL 2. PROMOTE STRATEGIC AND CLIMATE-RESILIENT DEVELOPMENT WITHIN THE BUILT ENVIRONMENT.

Strategy 2.1. Minimize environmental impacts on infrastructure.

Strategy 2.2. Support sustainable development practices that improve community resilience.

Strategy 2.3. Mitigate the urban heat island effect and reduce exposure to extreme heat.

Strategy 2.4 Enhance quality of life through improved access to opportunities.

GOAL 3. IMPROVE ENERGY RESILIENCE BY ADVANCING CLEAN ENERGY AND ENERGY EFFICIENCY EFFORTS.

Strategy 3.1. Promote clean energy and energy efficiency efforts through educational initiatives.

Strategy 3.2. Strengthen energy infrastructure to handle climate impacts and increased energy demand.

Strategy 3.3. Increase clean energy jobs and energy training programs.

GOAL 4. CULTIVATE A CONSERVATION MINDSET TO PRESERVE, RESTORE, AND SUSTAINABLY MANAGE NATURAL AND WORKING LANDS.

Strategy 4.1. Preserve and sustainably manage the natural environment.

Strategy 4.2. Restore the region's native biodiversity and habitats.

Strategy 4.3. Increase knowledge and implementation of sustainable agriculture and land management practices.

GOAL 5. PROMOTE SUSTAINABLE WASTE MANAGEMENT PRACTICES AND TECHNOLOGY.

Strategy 5.1. Increase landfill diversion rate and support sustainable material management.

Strategy 5.2. Incentivize waste emissions reductions and the use of emerging technologies.

Strategy 5.3. Identify and address community solid waste needs.

GOAL 6. SUPPORT WATER RESOURCE MANAGEMENT.

Strategy 6.1. Protect water quality for drinking water and aquatic habitats.

Strategy 6.2. Increase education on water conservation and quality to minimize pollution and prepare for any potential changes to the water supply.

Strategy 6.3. Promote drought planning practices to prevent water scarcity.

GOAL 7. SUPPORT COMMUNITIES AND BUSINESSES IN PREPARING FOR THE EFFECTS OF CLIMATE CHANGE.

Strategy 7.1. Support sustainable innovation and economic growth that promotes green business models.

Strategy 7.2. Improve community resiliency and emergency response in preparation for climate disasters.

Strategy 7.3. Ensure climate investments address community inequities.

Strategy 7.4. Establish the Rockford Region as a climate haven.

IMPLEMENTATION MATRIX

PERFORMANCE MEASURES, TIME FRAME, COST, & PARTNERS

IMPLEMENTATION MATRIX CRITERIA

- Performance measures
- Time frame
- Cost
- Lead agency responsible
- Partner agencies

IMPLEMENTATION MATRIX KEY

Type		Partners		Public - Boone County		Feasibility	
●	Program	CoC	Chamber of Commerces	BC	Boone County	↙	Low
◆	Policy	CVB	Convention & Visitors Bureau	CoB	City of Belvidere	→	Medium
■	Projects	EDO	Economic Development Organizations	VoC	Village of Caledonia	↗	High
		IDOT	Illinois Department of Transportation	VoPG	Village of Poplar Grove		
		SD	School Districts (K-12)	VoT	Village of Timberlane	**Cost Feasibility**	
Timeframe		CC	Community Colleges			**Capacity Feasibility**	
Ongoing		UN	4-Year Universities	**Public - Winnebago County**		**Political Feasibility**	
Immediate	Within 1 year	TA	Transit Agencies	CoLP	City of Loves Park		
Near term	1 - 5 years	WIB	Workforce Investment Boards	CoR	City of Rockford		
Mid-term	6-10 years	UT	Public Utilities	VoCV	Village of Cherry Valley		
Long term	11-25 years	PC	Park Districts & Conservation Districts	VoMP	Village of Machesney Park		
		SW	Soil & Water Districts	VoNM	Village of New Milford		
		SN	Sanitation Districts	VoR	Village of Roscoe		
Estimated Cost		LB	Land Bank and Trustee programs	VoW	Village of Winnebago		
$	Under $10,000	SBDC	Small Business Development Center	WC	Winnebago County		
$$	$10,000 to $100,000	R1	Region 1 Planning Council				
$$$	$100,000 to $500,000	MUN	All Municipalities	**Private**			
$$$$	Over $500,000	CO	All Counties	C	Consultant		
				F	Financial Institute		
				I	Industry Leaders		
				N	Neighborhood Residents		
				O	Property Owners		
				R	Realtors/Brokers		

NEXT STEPS

- Complete a full draft of the CAP
- Public comment period
- Stay up-to-date on EngageR1!

PROJECT CONTACT

Lauren Kleve,
Environmental Planner
LKleve@R1planning.org

Goal 1. Improve the region's air quality and reduce greenhouse gas emissions.

Strategy	Action	Time Frame	Cost	Lead	Partners
Strategy 1.1. Reduce regional greenhouse gas (GHG) emissions.	Increase electrification of public and private fleets.	Long term	Over $500,000	TA, MUN, CO, Private	
	Increase miles of bicycle and pedestrian facilities.	Mid-term	Over $500,000	MUN, CO	IDOT, TA
	Create a toolkit to highlight emissions reduction initiatives and incentives.	Near-term	Under $10,000	R1	EDO, I
	Develop carbon offset initiatives and programs.	Mid-term	Over $500,000	MUN, CO	R1, I
Performance Measures: (1) Percent change in fleet emissions. (2) Number of new or improvements made to bike lanes, sidewalks, crosswalks, and traffic calming measures. (3) Creation of toolkit. (4) Creation of carbon offset initiatives and programs.					
Strategy 1.2. Maintain attainment status and improve air quality.	Implement low-VOC cleaning, painting, and paving practices in municipal operations.	Near-term	$100,000 to $500,000	MUN, CO	
	Establish an electric lawn mower rebate program.	Mid-term	$100,000 to $500,000	CO	MUN, R1, I
	Establish policies to meet Illinois Department of Public Health Indoor Air quality guidelines.	Near-term	Under $10,000	MUN, CO	
	Monitor air pollutants and emissions through the EPA to better understand the region's air quality.	Ongoing	10,000 to 100,000	R1	
Performance Measures: (1) Amount of low-VOC practices implemented. (2) Establishment of an emissions reduce rebate program. (3) Establishment of indoor air quality policies. (4) Frequency of EPA air quality monitoring assessments.					

Goal 2. Promote strategic and climate-resilient development within the built environment.

Strategy	Action	Time Frame	Cost	Lead	Partners
Strategy 2.1. Minimize environmental impacts on infrastructure.	Assess the resiliency of existing infrastructure to withstand climate impacts.	Immediate	$10,000 to $100,000	UT, MUN	C
	Adopt resilient design standards.	Near term	Under $10,000	MUN, CO	I, C
	Implement rain gardens, green roofs, and stormwater best management practices in highly developed areas.	Near term	Over $500,000	I, MUN, CO	
Performance Measures: (1) Number of buildings and facilities assessed for severe weather. (2) Establishment of resilient design building standards. (3) Number of BMPs implemented.					
Strategy 2.2. Support sustainable development practices that improve community resilience.	Reduce urban sprawl through infill development.	Ongoing	Over $500,000	MUN	LB
	Pursue adaptive reuse of older buildings and vacant lots.	Mid term	$10,000 to $500,000	MUN, LB	Private
	Revise zoning ordinances to allow urban agriculture.	Near term	Under $10,000	MUN, CO	
	Adopt building performance standards for new developments.	Near term	Under $10,000	MUN, CO	I, C, R
	Implement green and complete street policies and standards.	Mid term	Over $500,000	MUN, CO	R1
	Implement regional greenways plan.	Mid term	$100,000 to $500,000	PC, MUN	R1
	Pursue funding opportunities to implement flood mitigation efforts.	Ongoing	Under $10,000	R1, MUN, CO, I	
Performance Measures: (1) Number of developments built witihn already developed areas. (2) Number of vacant properties repurposed. (3) Zoning ordinances revised. (4) Establishment of building performance standards. (5) Adoption of complete street policies. (6) Acres of greenways preserved. (7) Presence of flood management considerations in plans and projects.					
Strategy 2.3. Mitigate the urban heat island effect and reduce exposure to extreme heat.	Integrate green infrastructure into impervious surfaces.	Mid term	$10,000 to $100,000	MUN, CO	
	Retrofit buildings and revise building codes to incorporate green designs.	Mid term	$10,000 to $100,000	Private	
	Perform an urban heat inventory.	Near term	$10,000 to $100,000	R1	C
	Revise zoning codes to encourage shared parking agreements.	Near term	Under $10,000	MUN, CO	
Performance Measures: (1) Percent of impervious surfaces replaced with cooling materials. (2) Percent change in vegetation cover. (3) Number of buildings with cool or green designs. (4) Creation of an urban heat inventory. (5) Revision of zoning codes.					
Strategy 2.4. Enhance quality of life through improved access to opportunities.	Increase greenspace in traditionally underserved communities.	Mid term	$100,000 to $500,000	PC	MUN, CO, I
	Address sidewalks, shared-use paths, and bicycle network gaps.	Mid term	$10,000 to $100,000	MUN, CO	IDOT
	Incentivize mixed-use development.	Mid term	Over $500,000	MUN, CO	
	Maximize existing infrastructure through redevelopment and infill development.	Ongoing	$100,000 to $500,000	MUN	Private, LB
Performance Measures: (1) Percent of greenspace coverage in underserved communities. (2) Number of new sidewalk, path, and bike infrastructure developments. (3) Incentives distributed. (4) Number of infill development projects. (5) Frequency of path, sidewalk, and bike facility maintenance.					

Goal 3. Improve energy resilience by advancing clean energy and energy efficiency efforts.

Strategy	Action	Time Frame	Cost	Lead	Partners
Strategy 3.1. Promote clean energy and energy efficiency efforts through educational initiatives.	Encourage the use of heating and cooling energy efficiency initiatives, such as Weatherization Assistance Programs.	Ongoing	Under $10,000	MUN, UT, I	
	Increase public literacy on clean and renewable energy.	Immediate	Under $10,000	I	UT, SD
	Educate public and private entities about clean energy opportunities and benefits.	Ongoing	Under $10,000	I, UT	
Performance Measures: (1) Creation of initiatives. (2) Number of educational events, opportunities, and informational resources distributed.					
Strategy 3.2. Strengthen energy infrastructure to handle climate impacts and increased energy demand.	Identify funding opportunities that advance clean energy initiatives.	Ongoing	Under $10,000	R1, I	UT, CO, MUN
	Establish partnerships that increase the resiliency and reliability of the energy grid system.	Ongoing	$10,000 to $100,000	UT, CO, MUN	R1
	Diversify, incentivize, and expand energy supply and storage.	Ongoing	Over $500,000	UT, CO, MUN	N, O
	Improve backup power supply for energy grid disruptions.	Near term	Over $500,000	UT, N, O	MUN
	Update zoning codes to include clean energy or “green” standards.	Near term	Under $10,000	CO, MUN	
Performance Measures: (1) Funding opportunities identified. (2) Number of collaborative initiatives and ongoing partnerships. (3) Percent change in the reliance of clean energy sources. (4) Number of energy grid disruptions. (5) Number of energy infrastructure improvements. (6) Updates to zoning codes					
Strategy 3.3. Increase clean energy jobs and energy training programs.	Invest in workforce development programming for clean energy jobs.	Ongoing	Over $500,000	WIB	R1, EDO
	Collaborate with local partners to advance recruitment and training programs.	Ongoing	Over $500,000	WIB, R1, EDO	SD, CC
	Collaborate with private and university partners to support technology and information dissemination.	Ongoing	Over $500,000	R1, EDO, UT	UN, CC, Private
Performance Measures: (1) Number of clean energy workforce development programs. (2) Number of successful collaborative efforts.					

Goal 4. Cultivate a conservation mindset to preserve, restore, and sustainably manage natural and working lands.

Strategy	Action	Time Frame	Cost	Lead	Partners
Strategy 4.1. Preserve and sustainably manage the natural environment.	Preserve forests, wetlands, grasslands, and prairies.	Ongoing	Over $500,000	PC	I, MUN
	Protect ecologically significant areas from development and land-use change.	Near to mid term	$100,000 to $500,000	I	PC
	Provide educational trainings and opportunities for preservation and conservation.	Near term	Under $10,000	I, PC, MUN	
Performance Measures: (1) Acres of natural land restored and protected. (2) Identification of ESAs. (3) Number of collaborative educational opportunities provided.					
Strategy 4.2. Restore the region's native biodiversity and habitats.	Connect landscapes with greenways and protect natural corridors.	Mid term	$100,000 to $500,000	PC	MUN, CO, I
	Increase habitat restoration, plant dispersal, and invasive species management.	Near to mid term	$10,000 to $100,000	PC	MUN, CO, I
	Revise local ordinances to support native conservation practices and biodiversity.	Near term	Under $10,000	MUN, CO	
	Host events to promote education and removal of invasive species.	Near term	$10,000 to $100,000	Private	MUN
Performance Measures: (1) Acres of greenways and natural corridors. (2) Amount of native vegetation planted. (3) Revision and adoption of conservation-related ordinances and codes. (4) Number of events hosted.					
Strategy 4.3. Increase knowledge and implementation of sustainable agriculture and land management practices.	Provide technical assistance to local farmers for implementing best management practices.	Near term	$10,000 to $100,000	SW	CO, Farm Buerau
	Identify funding opportunities for agriculture partners in sustainable land management practices and regenerative agriculture.	Immediate	Under $10,000	SW, I	MPO
Performance Measures: (1) Technical assistance provided to farmers. (2) Number of funding opportunities identified and disseminated to agricultural partners.					

Goal 5. Promote sustainable waste management practices and technology.

Strategy	Action	Time Frame	Cost	Lead	Partners
Strategy 5.1. Increase landfill diversion rate and support sustainable material management.	Establish local alternative recycling methods.	Mid to long term	$100,000 to $500,000	EDO, I	R1, SBDC
	Increase availability and accessibility of recycling and composting services.	Near term	Over $500,000	MUN, Private	
	Adopt circular economy practices to reduce waste consumption and promote recycling, reuse, and repair.	Ongoing	$100,000 to $500,000	Private	
Performance Measures: (1) Attractions and programs established to promote local business development in recycling. (2) Number of recycling and composting services, programs, and options available. (3) Percent change in industry and business recycling. (4) Landfill diversion rate.					
Strategy 5.2. Incentivize waste emissions reductions and the use of emerging technologies.	Increase the collection of methane gas from waste treatment facilities.	Near to mid term	Over $500,000	SN	Private
	Install waste-to-energy technology at solid waste plants.	Mid term	Over $500,000	SN, MUN	Private
Performane Measures: (1) Methane gas collection. (2) Establishment of waste-to-energy technology.					
Strategy 5.3. Identify and address community solid waste needs.	Create a channel for regular communication on local solid waste issues,	Immediate; Ongoing	Under $10,000	MUN, CO	I
	Assist communities and businesses with waste audits.	Near term	$10,000 to $100,000	MUN, CO, R1	I, Private
	Conduct targeted solid waste outreach efforts to traditionally underserved communitiese.	Near to mid term	$10,000 to $100,000	R1	C
Performance Measures: (1) Creation of a solid waste communication channel. (2) Number of waste audits conducted. (3) Number of outreach efforts to underserved communities.					

Goal 6. Support water resource management.

Strategy	Action	Time Frame	Cost	Lead	Partners
Strategy 6.1. Protect water quality for drinking water and aquatic habitats.	Maintain compliance with recognized U.S. and Illinois EPA standards.	Ongoing	$100,000 to $500,000	UT, MUN, CO	I, C
	Implement stormwater best management practices in areas prone to flooding.	Near term	$100,000 to $500,000	I	C
	Increase water quality monitoring efforts.	Ongoing	$10,000 to $500,000	UT, MUN, CO	I, C
	Model and monitor groundwater conditions.	Ongoing	$100,000 to $500,000	I, MUN	C, CO
	Adopt codes that protect surface and groundwater from runoff and contamination.	Near term	Under $10,000	IEPA, CO, MUN	I
Performance Measures: (1) Compliance with water quality standards. (2) Quanitity of BMPs implemented. (3) Number and frequency of water quality monitoring efforts. (4) Establishment of groundwater models and a monitoring network. (5) Adoption of groundwater-related codes.					
Strategy 6.2. Increase education on water conservation and quality to minimize pollution and prepare for any potential changes to the water supply.	Educate the public and elected officials on safe and sustainable water resource management and conservation techniques.	Ongoing	Under $10,000	I, UT	SW, SD
	Implement educational campaigns on water conservation and quality.	Ongoing	$10,000 to $100,000	I, UT, CO, MUN	SW, SD
	Provide educational events on the hydrological impacts of climate change and groundwater.	Ongoing	Under $10,000	I, Private	SW
Performance Measures: (1) Number of educational campaigns and events hosted.					
Strategy 6.3. Promote drought planning practices to prevent water scarcity.	Incorporate drought-tolerant plants into water conservation and landscaping ordinances.	Ongoing	Under $10,000	CO, MUN	I
	Increase water storage capacity through aquifer storage and recovery.	Mid to long term	Over $500,000	CO, MUN, ISWS	I, C
	Increase groundwater replenishment through aquifer recharge.	Mid to long term	Over $500,000	CO, MUN, ISWS	I, C
Performance Measures: (1) Establishment of landscaping ordinances related to drought-tolerant plants. (2) Increase in the total volume of water stored and recovered. (3) Increase in groundwater levels.					

Goal 7. Support communities and businesses in preparing for the effects of climate change.

Strategy	Action	Time Frame	Cost	Lead	Partners
Strategy 7.1. Support sustainable innovation and economic growth that promotes green business models.	Provide technical assistance to local businesses and non-profits to encourage the development of green business models.	Mid-term	$100,000 to $500,000	MUN	R1, EDO
	Focus economic development efforts on the Rockford Region becoming a green technology hub.	Near-term	Under $10,000	R1	EDO, MUN, CO
	Educate businesses on green building principles and green practices.	Near-term	Under $10,000	MUN	EDO, Private
Performance Measures: (1) Number of businesses and non-profits reached through technical assistance and educational efforts. (2) Establishment of economic development programs related to green technology.					
Strategy 7.2. Improve community resiliency and emergency response in preparation for climate disasters.	Invest in early warning systems.	Near-term	$100,000 to $500,000	CO	MUN
	Utilize weather condition and event monitoring to assess and improve operational capabilities of facilities and services.	Ongoing	$100,000 to $500,000	MUN	C, I, CO
	Implement multi-hazard mitigation plans.	Mid-term	Over $500,000	CO	R1
	Increase awareness of designated heating and cooling centers and ensure they are accessible to all community members.	Immediate	Under $10,000	MUN	UT, CO
	Distribute educational materials to the public on climate disaster preparation.	Immediate	Under $10,000	MUN,	UT, Private
Performance Measures: (1) Availability and reliability of early warning systems. (2) Efficiency and performance of emergency response operations. (3) Number of multi-hazard mitigation actions implemented. (4) Educational outreach efforts on designated heating and cooling centers. (5) Number of residents reached through educational opportunities.					
Strategy 7.3. Ensure climate investments address community inequities.	Conduct an Equity Audit across all planning documents and programming practices.	Ongoing	$100,000 to $500,000	R1	CO, MUN, C, I
	Increase outreach efforts to traditionally underserved communities during the climate resiliency planning and programming process.	Ongoing	$100,000 to $500,000	R1	MUN, I
	Advocate for more equitable distribution of federal, state, and local funds.	Ongoing	Under $10,000	MUN, R1	
Performance Measures: (1) Number of plans and programs with an Equity Audit. (2) Number of successful outreach efforts. (3) Percent of funds supporting equity-focused projects.					
Strategy 7.4. Establish the Rockford Region as a climate haven.	Invest in water resource planning for population growth.	Mid-term	$10,000 to $100,000	MUN, CO	R1
	Conduct a housing coordination plan to increase housing stock.	Near-term	$10,000 to $100,000	R1	LB, Private, MUN
	Adapt current infrastructure to support a growing population.	Mid-term	Over $500,000	MUN, CO	Private
	Pursue economic development opportunities to support a growing workforce.	Near-term	$100,000 to $500,000	WIB	EDO, R1
	Cultivate a welcoming environment to support a diverse population of climate refugees.	Near-term	$10,000 to $100,000	CVB	MUN, N
Performance Measures: (1) Investment in water resource planning. (2) Completion of a housing coordination plan. (3) Number of infrastructure improvements. (4) Economic development opportunities targeted towards a growing workforce. (5) Number and diversity of cultural and community-focused events.					