KANE COUNTY

WOJNICKI, Weber, Allan, Barreiro, Davoust, Kious, Sanchez

ENERGY AND ENVIRONMENTAL COMMITTEE

FRIDAY, FEBRUARY 15, 2019

County Board Room **Agenda** **9:00 AM**

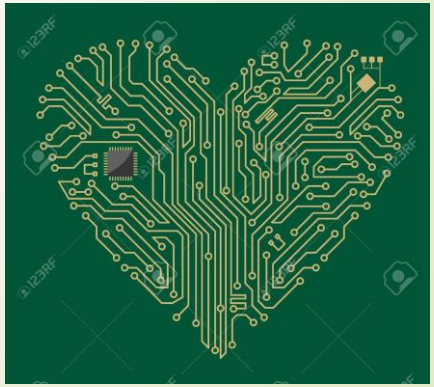
Kane County Government Center, 719 S. Batavia Ave., Bldg. A, Geneva, IL 60134

1. **Call to Order**
2. **Approval of Minutes:**
3. **Environmental (J. Wollnik)**
4. **Recycling/Solid Waste (J. Jarland)**
   A. Presentation: Consumer Electronics Recycling Act Overview (attached)
5. **Sustainability (J. Mino)**
   A. Presentation: Greenest Region Compact (attached)
   B. Discussion: One Earth Film Fest Announcement (attached)
   C. Presentation: Fox River Summit
6. **New Business**
7. **Public Comment**
8. **Reports Placed on File**
9. **Executive Session (If Needed)**
10. **Adjournment**

The CERA
The Consumer Electronics Recycling Act

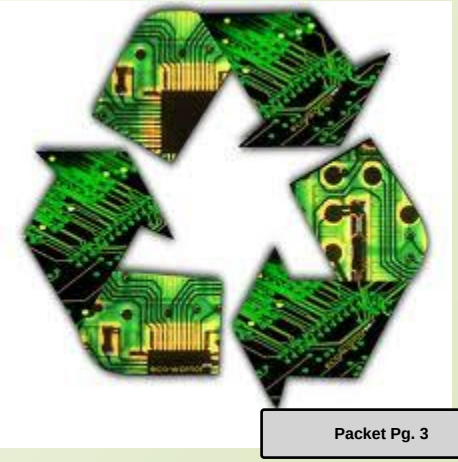
Kane County Energy & Environmental Committee

February 2019



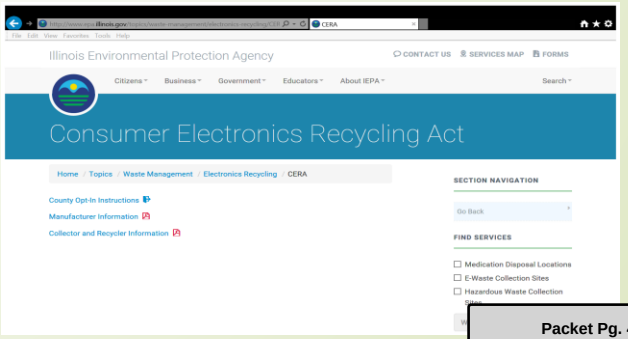
Contents

- Overview of the Consumer Electronics Recycling Act (CERA)
- Key implementation dates under the law
- Stakeholder Roles and Responsibilities under the law
- Opting-in to CERA – Filing Written Notice of Participation
- Resolution 18-64 on-going authorization to submit



Overview of CERA

- CERA is a Convenience Standard based bill, as opposed to the weight-based-goal model under the Electronic Products Recycling and Reuse Act (EPRRA)
- Both of these bills are Extended Producer Responsibility (EPR) bills - the manufacturers are financially responsible for the cost of recycling their products at the end of use.
- EPRRA enacted in 2011, crashed in 2015, amendment passed increasing pounds for 2016 was a stop gap, and stakeholders recognized need for long term fix
- In 2016 & 2017 two separate bill drafts were prepared by IL PSC and IMA.
- Negotiations culminated in two bills being passed in 2017 and signed into law, as the Consumer Electronics Recycling Act.
  - SB 1417 & HB 1955 became combined into statute as PA 100-433
- A copy of CERA (PA 100-433) and other info is available at www.ILCSWMA.org or at www2.illinois.gov/epa



Role and Responsibilities - Manufacturers

- Register annually with IEPA and either join the clearinghouse or run unilateral statewide program
- Administer clearinghouse
  - Develop statewide plan based on counties opting in, and implement convenience standard
  - **Assume financial responsibility for implementing e-waste program, including costs for packaging materials, bulk transportation and recycling/processing of equipment**
  - Audit collection sites
  - Submit annual report on program year collection data
  - **Manage cost allocation to manufacturers**
- Pay assigned recyclers amount based on percentage of electronic equipment sales in the state for the total of all equipment collected through the program.

Role and Responsibilities – Illinois EPA

- Overall enforcement of the law's provisions
- Administer registration of manufacturers, recyclers and collectors
- Annually review and approve/disapprove e-waste program plan submitted by manufacturers
- Post instructions on how to opt into program on website, instructions developed by manufacturers
- Collect, collate and track annual program data
- Assist with calculations on cost allocation for clearinghouse

Role and Responsibilities - Recyclers

- Provide the key function of recycling the recovered CEDs, will continue to have direct contracts with manufacturers that cover costs of transportation and recycling
- Register annually with IEPA and certify compliance with 13 provisions in the law (labor law compliance, heath and safety training, insurance, use of proper equipment, etc.)
- Provide key collection data used by manufacturers and collectors to comply with annual reporting requirements
- Assume key role with collectors to improve best practices at collection sites

Role and Responsibilities - Collectors

- Work with county recycling coordinators to provide sites or one day events (can include local government, NGOs, private sector such as haulers or scrap yards, Goodwill, retailers, etc.)
- Register annually with IEPA
- Provide the sorting and loading of CEDs per the state law or face pro rata transportation charge from recycler
  - May charge for monitors and TVs to cover cost of sorting and loading the CEDs
- Submit annual report on program year data

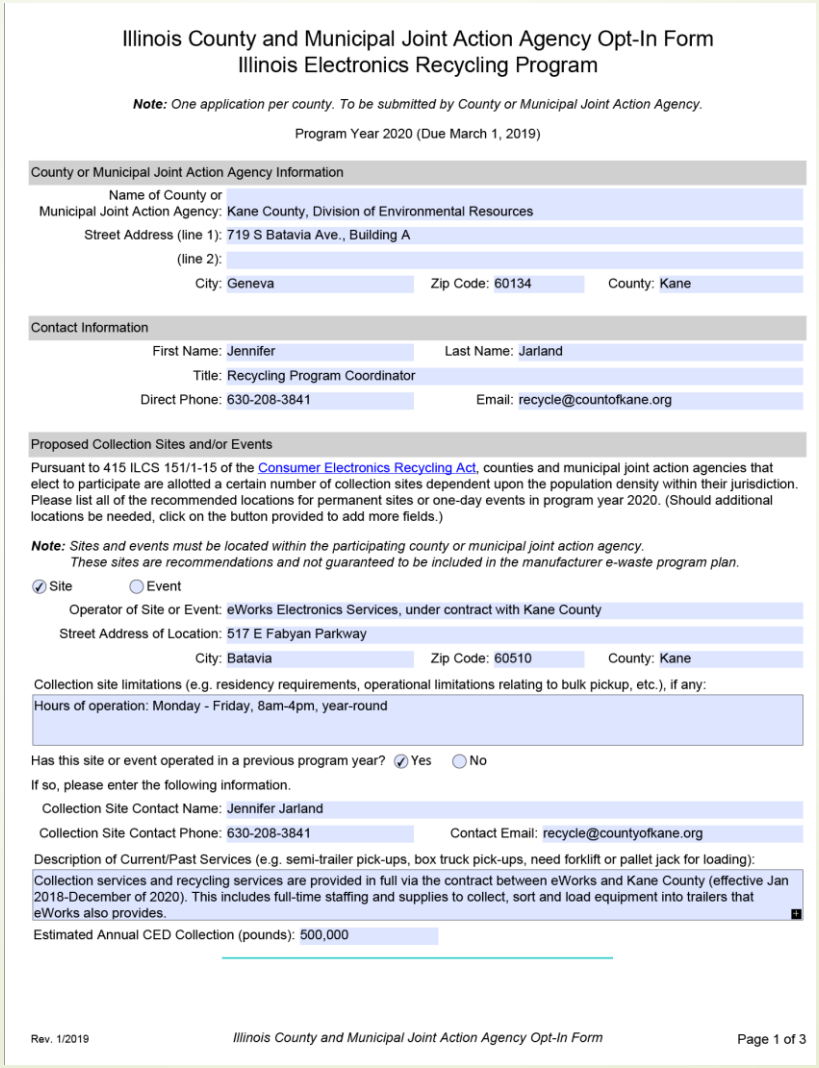
Key Implementation Dates

- January 1, 2019 – new law took affect
- **March 1** (annually) – Counties must file written notice with manufacturer e-waste program and IEPA, and propose list of collection locations/one day events Under the law Kane County has been allocated 4 sites to meet the population density standard
  - We have 2 permanent plus 8 events in a year (which count as 2 sites, because 4 events = 1 site) meeting the standard
- July 1 (annually) – Manufacturer clearinghouse submits its statewide e-waste program plan to IEPA for approval
  - Assigns recyclers to counties

Opting-in to CERA - Written Notice

- Must submit a written notice of election to participate by March 1 of each year. Need to complete with the following information:
  - County name, County contact person details
  - List and detail proposed collection locations
  - Permanent collection sites, and number of events
    - List current collection method, details and recycler
    - Include a list of currently registered collectors operating in Kane County for consideration
    - Include list of haulers operating curbside collection programs in Kane County (ie. Waste Management in Elgin)
  - Name preferred recycler, will include a cover letter that outlines the longstanding relationship established with eWorks
  - Provide last year's data, per site, per event and overall

Opting-in to CERA - Written Notice



Illinois County and Municipal Joint Action Agency Opt-In Form
Illinois Electronics Recycling Program

Note: *One application per county. To be submitted by County or Municipal Joint Action Agency.*

Program Year 2020 (Due March 1, 2019)

County or Municipal Joint Action Agency Information

Name of County or Municipal Joint Action Agency: Kane County, Division of Environmental Resources
Street Address (line 1): 719 S Batavia Ave., Building A
(line 2):
City: Geneva Zip Code: 60134 County: Kane

Contact Information

First Name: Jennifer Last Name: Jarland
Title: Recycling Program Coordinator
Direct Phone: 630-208-3841 Email: recycle@countofkane.org

Proposed Collection Sites and/or Events

Pursuant to 415 ILCS 151/1-15 of the Consumer Electronics Recycling Act, counties and municipal joint action agencies that elect to participate are allotted a certain number of collection sites dependent upon the population density within their jurisdiction. Please list all of the recommended locations for permanent sites or one-day events in program year 2020. (Should additional locations be needed, click on the button provided to add more fields.)

Note: *Sites and events must be located within the participating county or municipal joint action agency.*
These sites are recommendations and not guaranteed to be included in the manufacturer e-waste program plan.

(✓) Site ( ) Event

Operator of Site or Event: eWorks Electronics Services, under contract with Kane County
Street Address of Location: 517 E Fabyan Parkway
City: Batavia Zip Code: 60510 County: Kane

Collection site limitations (e.g. residency requirements, operational limitations relating to bulk pickup, etc.), if any:
Hours of operation: Monday - Friday, 8am-4pm, year-round

Has this site or event operated in a previous program year? (✓) Yes ( ) No

If so, please enter the following information.

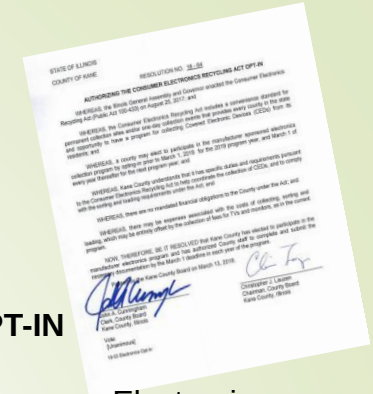
Collection Site Contact Name: Jennifer Jarland
Collection Site Contact Phone: 630-208-3841 Contact Email: recycle@countyofkane.org

Description of Current/Past Services (e.g. semi-trailer pick-ups, box truck pick-ups, need forklift or pallet jack for loading):
Collection services and recycling services are provided in full via the contract between eWorks and Kane County (effective Jan 2018-December of 2020). This includes full-time staffing and supplies to collect, sort and load equipment into trailers that eWorks also provides.

Estimated Annual CED Collection (pounds): 500,000

Rev. 1/2019 *Illinois County and Municipal Joint Action Agency Opt-In Form* Page 1 of 3

Resolution 18-64



AUTHORIZING THE CONSUMER ELECTRONICS RECYCLING ACT OPT-IN

WHEREAS, the Illinois General Assembly and Governor enacted the Consumer Electronics Recycling Act (Public Act 100-433) on August 25, 2017; and

WHEREAS, the Consumer Electronics Recycling Act includes a convenience standard for permanent collection sites and/or one-day collection events that provides every county in the state and opportunity to have a program for collecting Covered Electronic Devices (CEDs) from its residents; and

WHEREAS, a county may elect to participate in the manufacturer sponsored electronics collection program by opting-in prior to March 1, 2018 for the 2019 program year, and March 1 of every year thereafter for the next program year; and

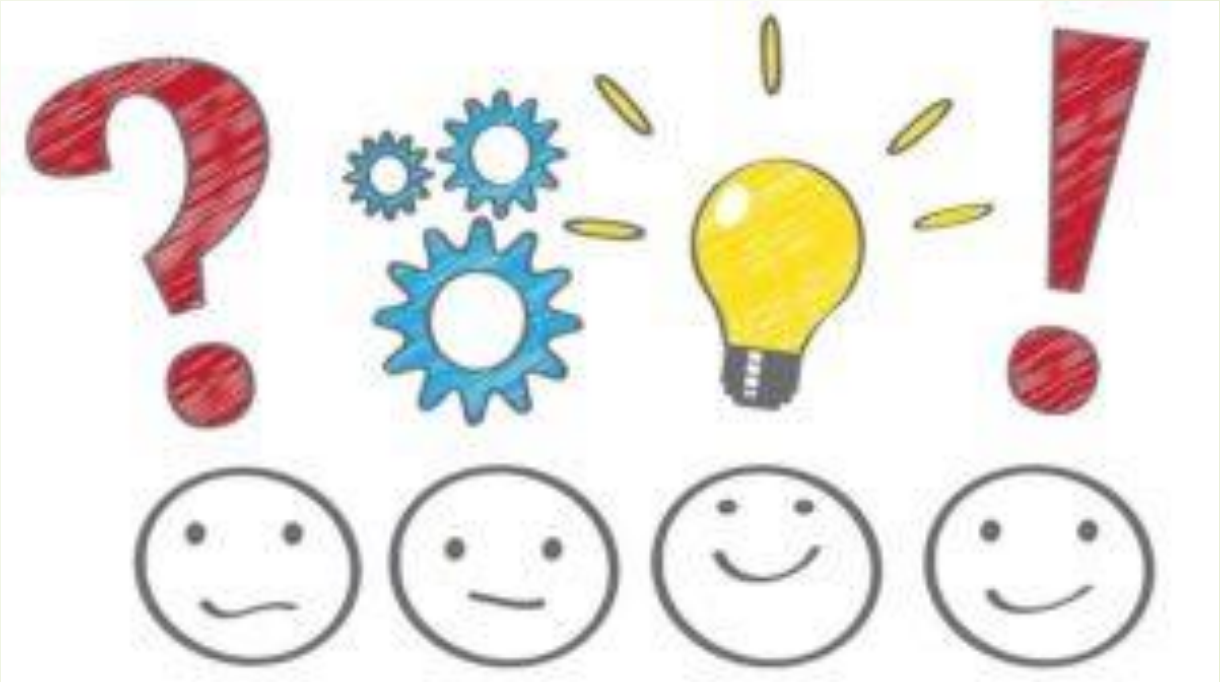
WHEREAS, Kane County understands that it has specific duties and requirements pursuant to the Consumer Electronics Recycling Act to help coordinate the collection of CEDs, and to comply with the sorting and loading requirements under the Act; and

WHEREAS, there are no mandated financial obligations to the County under the Act; and

WHEREAS, there may be expenses associated with the costs of collecting, sorting and loading, which may be entirely offset by the collection of fees for TVs and monitors, as in the current program.

NOW, THEREFORE, BE IT RESOLVED that Kane County has elected to participate in the manufacturer electronics program and has authorized County staff to complete and submit the necessary documentation by the March 1 deadline in each year of the program.

Passed by the Kane County Board on March 13, 2018.



Greenest Region Compact

Greenest Region Compact

COLLABORATING FOR SUSTAINABLE COMMUNITIES

KANE COUNTY ENERGY & ENVIRONMENT COMMITTEE

EDITH MAKRA, METROPOLITAN MAYORS CAUCUS

FEBRUARY 15, 2019

Metropolitan Mayors Caucus

Overview

- Building the GRC
  - What is already being done?
  - What is already planned?
- The GRC in 3 parts
  - Compact
  - Framework
    - Examples
  - Collaborative Programs to advance GRC goals
- GRC in Kane County

GRC Goal

To align environmental issues, resources, and actions at the local, regional and national levels to guide municipalities to achieve greater environmental sustainability.

GRC2 Greenest Region Compact

COLLABORATING FOR SUSTAINABLE COMMUNITIES

Building the GRC

Building the GRC2 – step 1

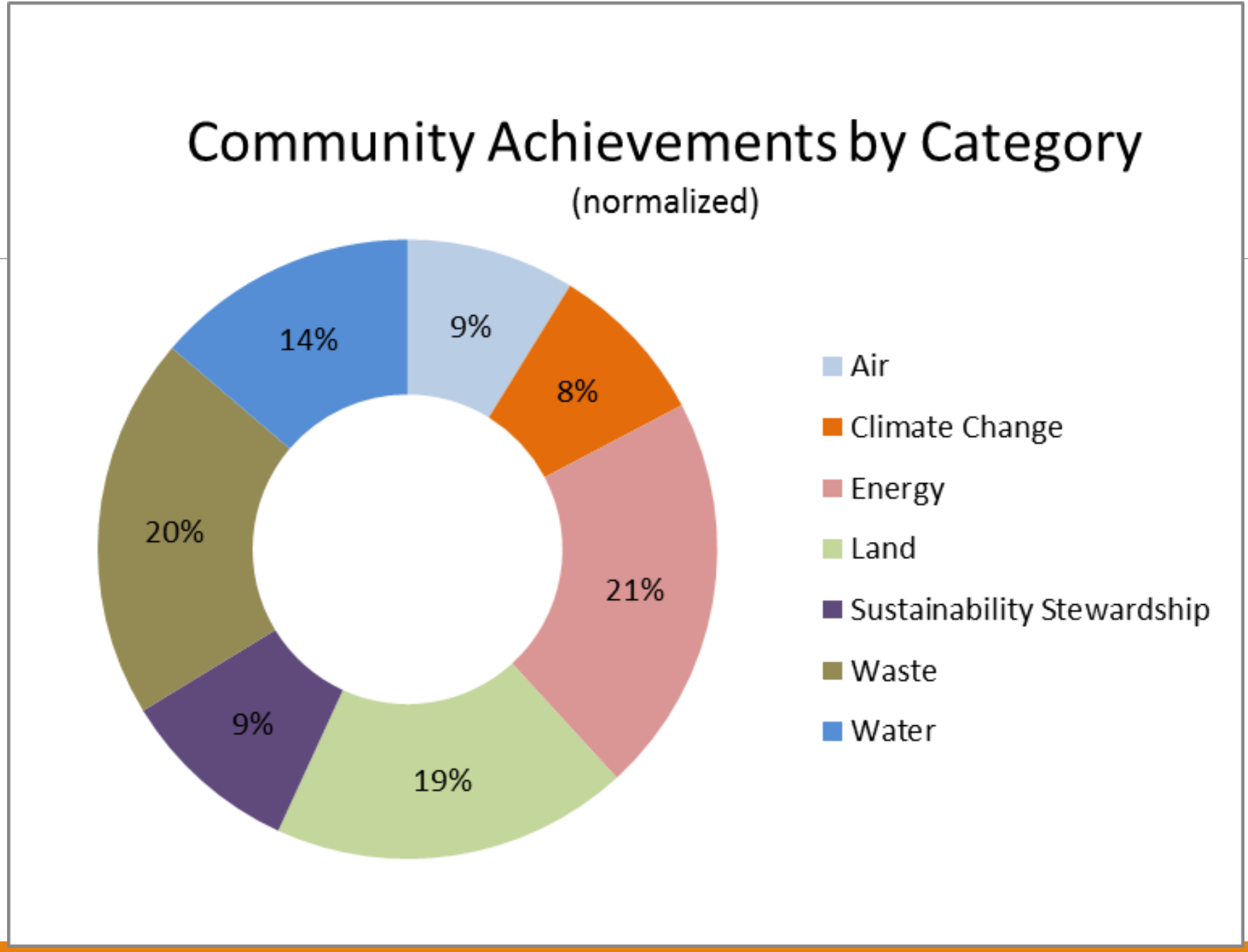
1. What is already underway in the region?
2. What existing programs will be helpful?

TO ANSWER THOSE QUESTIONS -

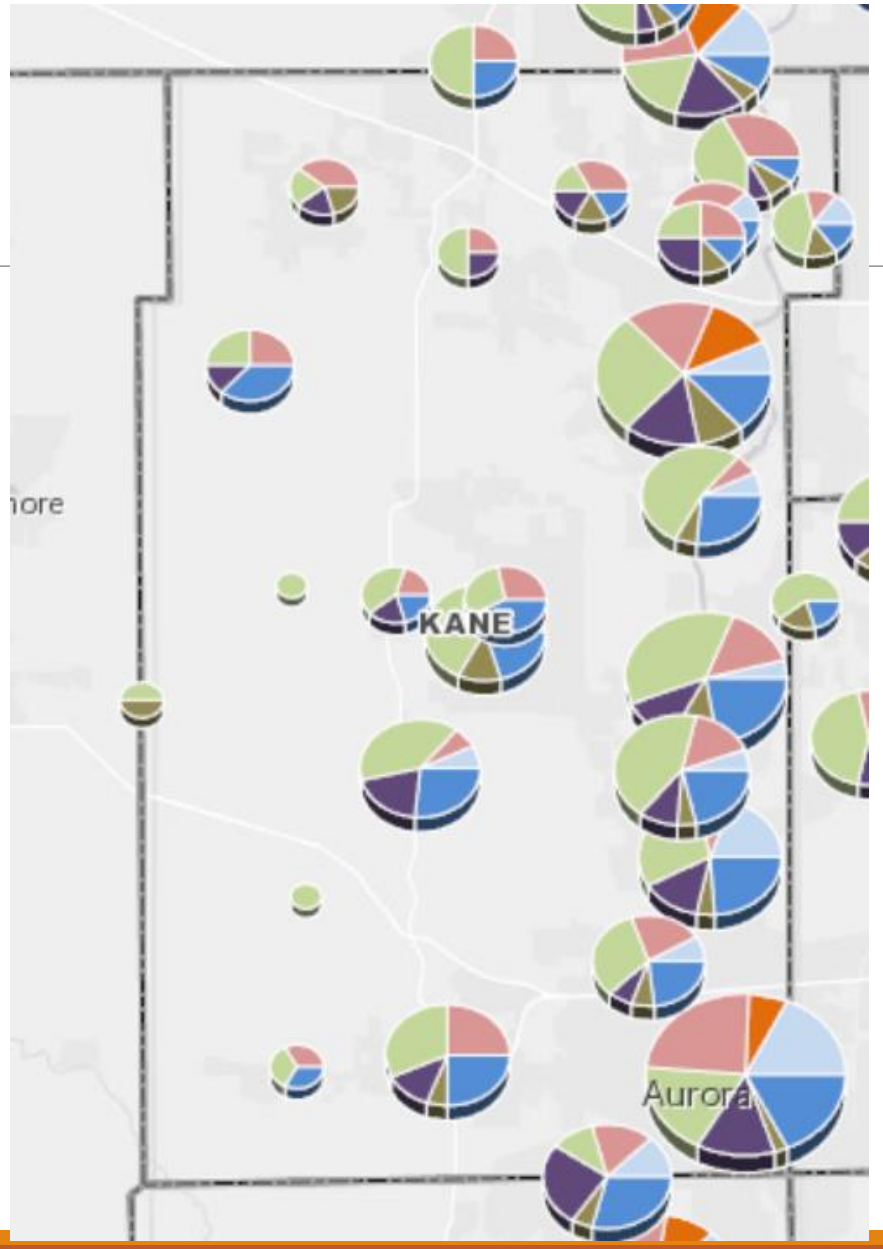
- Inventoried environmental achievements for every municipality

GRC2 Greenest Region Compact

What is already being done?

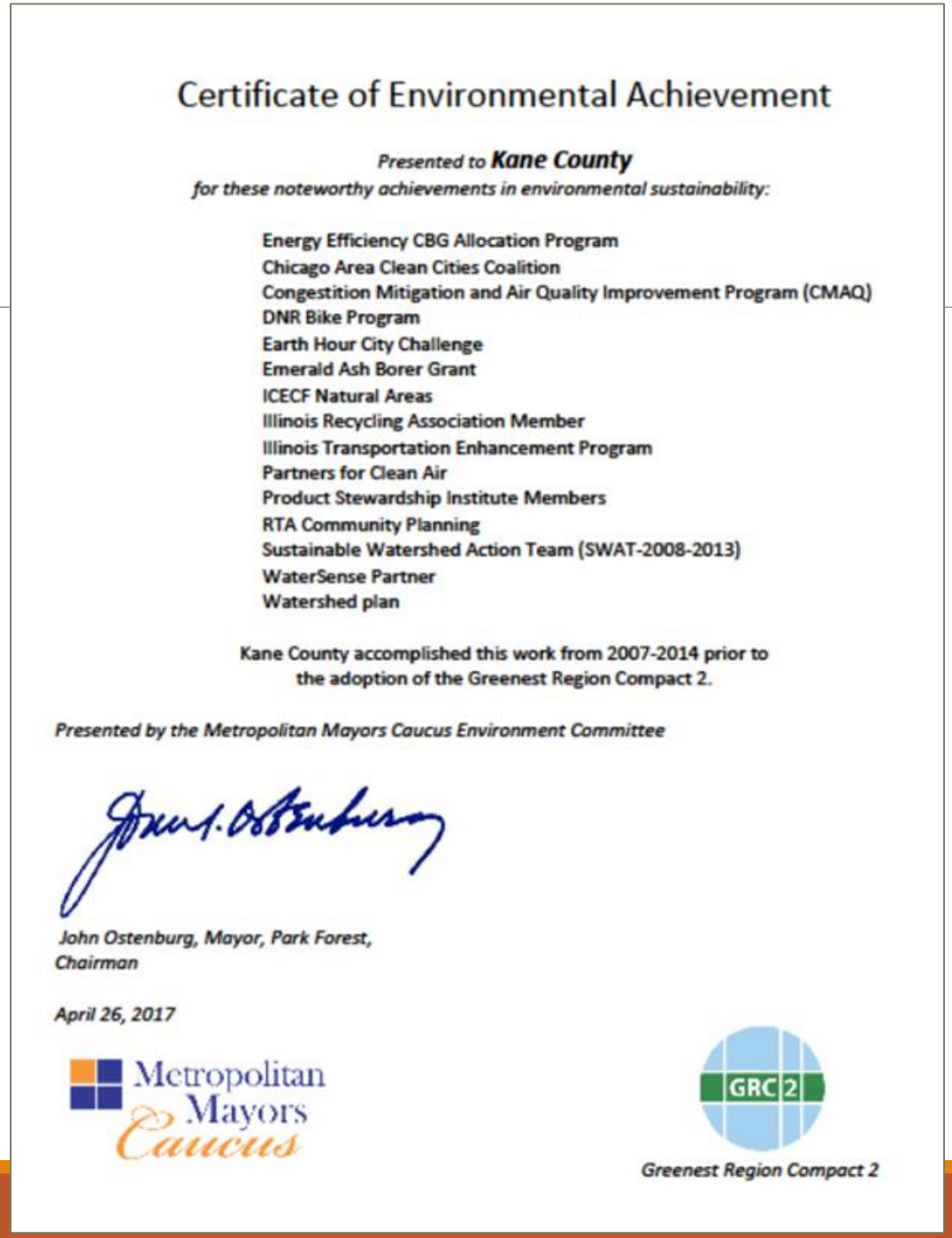


Results – Kane County is Quite Green!



What has already been accomplished in Kane County?

Limited list - From GRC database



Certificate of Environmental Achievement

Presented to ***Kane County***
for these noteworthy achievements in environmental sustainability:

Energy Efficiency CBG Allocation Program
Chicago Area Clean Cities Coalition
Congestition Mitigation and Air Quality Improvement Program (CMAQ)
DNR Bike Program
Earth Hour City Challenge
Emerald Ash Borer Grant
ICECF Natural Areas
Illinois Recycling Association Member
Illinois Transportation Enhancement Program
Partners for Clean Air
Product Stewardship Institute Members
RTA Community Planning
Sustainable Watershed Action Team (SWAT-2008-2013)
WaterSense Partner
Watershed plan

Kane County accomplished this work from 2007-2014 prior to the adoption of the Greenest Region Compact 2.

Presented by the Metropolitan Mayors Caucus Environment Committee

John Ostenburg, Mayor, Park Forest,
Chairman

April 26, 2017

Metropolitan Mayors Caucus

GRC 2

Greenest Region Compact 2

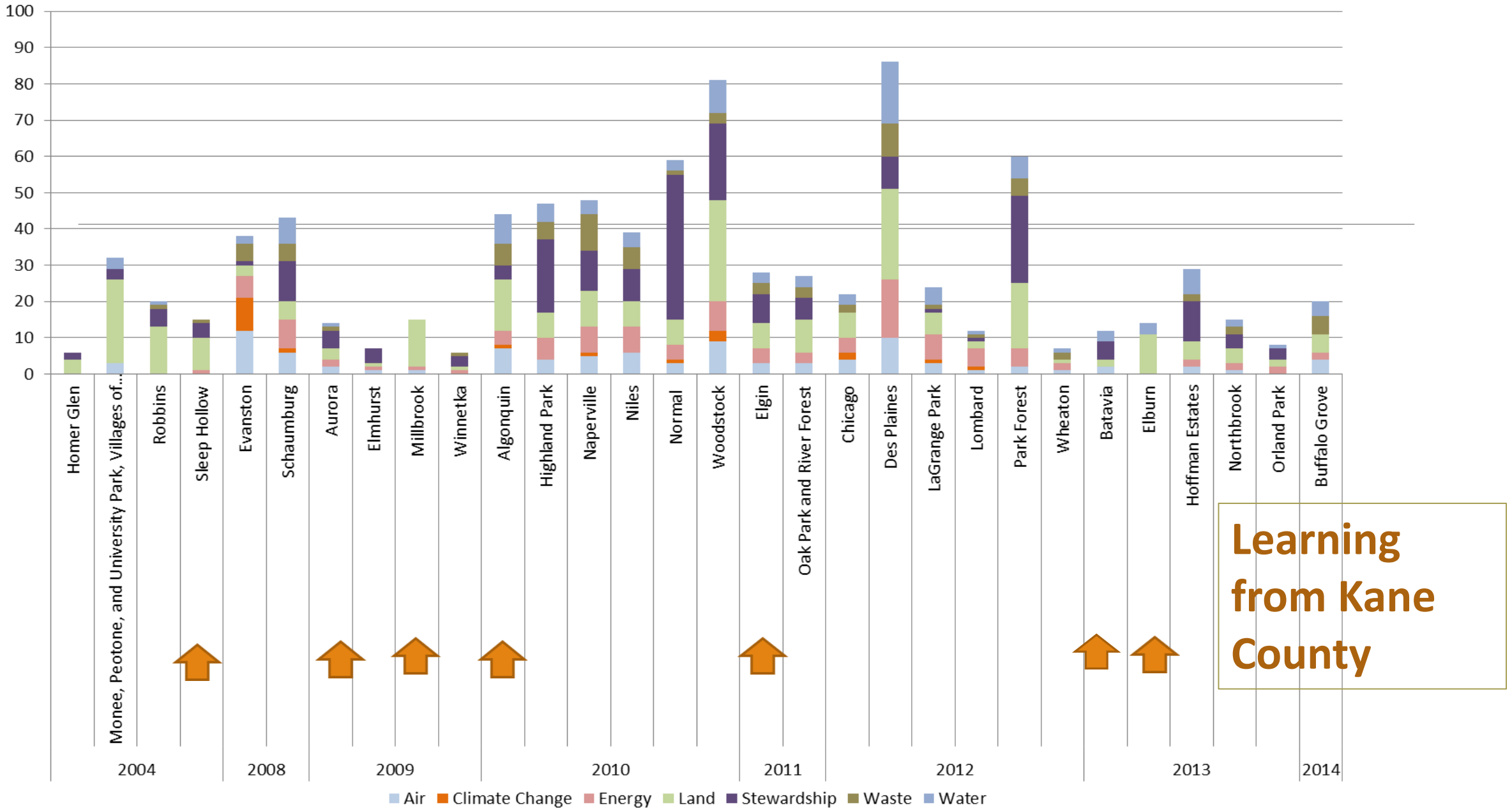
Building the GRC2 – step 2

1. What is already planned?
2. What are common priorities?

TO ANSWER THOSE QUESTIONS -

- Analyzed existing sustainability plans
  - 30 local plans
  - 9 regional/national plans
  - 1149 specific sustainability goals

GRC2 Greenest Region Compact



Learning from Kane County

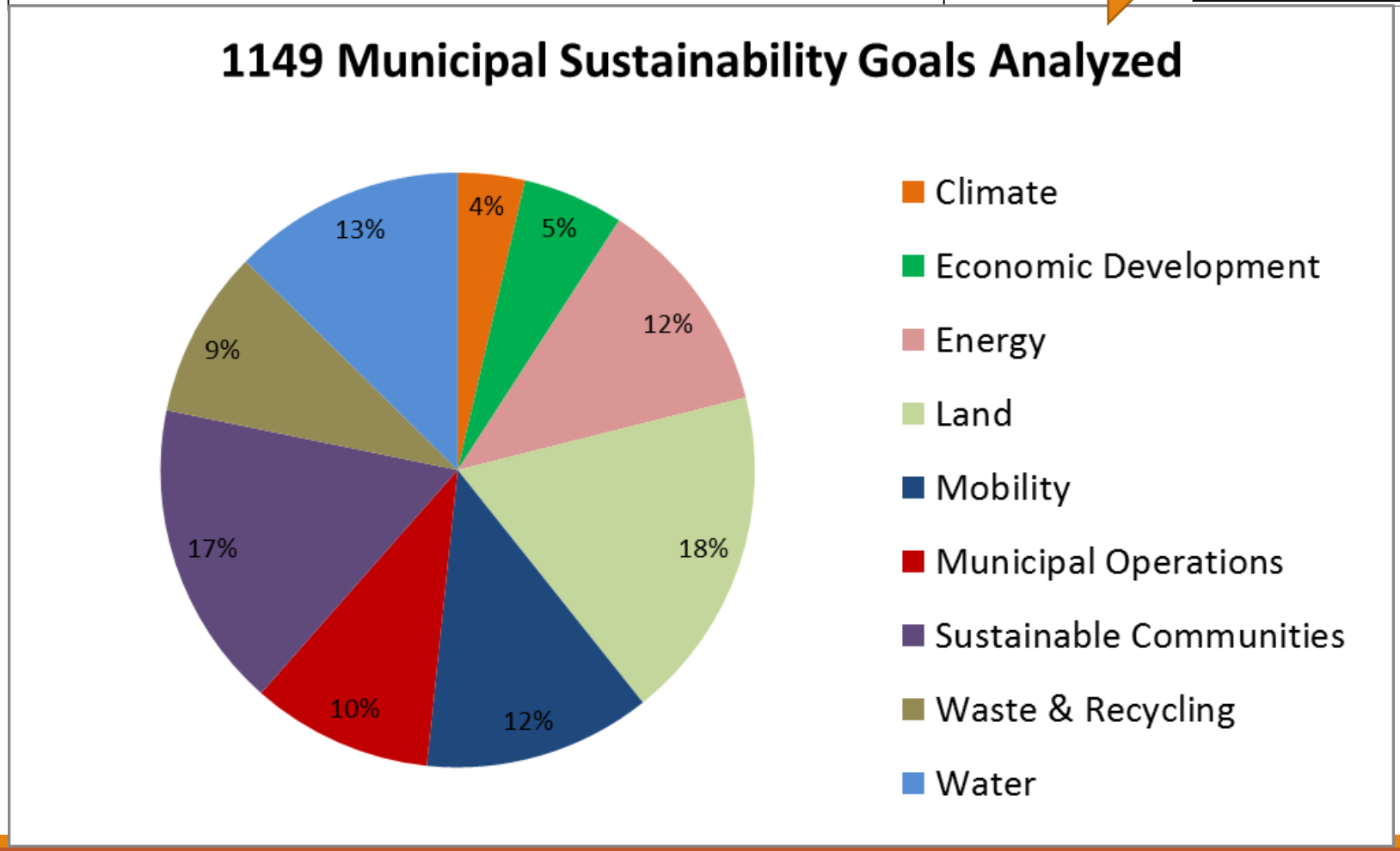
Putting it all together

CONSENSUS GRC GOALS

Consensus GRC Goals

From ALL Sustainability Goals

To GRC2 Goals



Climate

Economic Development

Energy

Land

Leadership

Mobility

Municipal Operations

Sustainable Communities

Waste & Recycling

Water

49 Goals Total

The Greenest Region **Compact**

Consensus Sustainability Goals in 10 Categories

Climate

Economic Development

Energy

Land

Leadership

Mobility

Municipal Operations

Sustainable Communities

Water

Waste

GRC2 Greenest Region Compact

Greenest Region Compact

ADVANCING SUSTAINABILITY IN COMMUNITIES AND THE REGION

IN THREE PARTS

Part 1 - Greenest Region Compact (GRC)

The Compact – Just Goals

GRC2 Greenest Region Compact

COLLABORATING FOR SUSTAINABLE COMMUNITIES

The member municipalities of the Metropolitan Mayors Caucus seek a vibrant, sustainable future for their communities and the greater Chicago region. The consensus goals of the Greenest Region Compact aim for enhanced quality of life for residents; protection and stewardship of the environment and sustainable economic vitality.

To become the most sustainable and successful region in the United States, they, therefore, support the following consensus goals of the Greenest Region Compact and agree to work to achieve them, both in their own communities and in collaboration throughout the region:

Climate
- Reduce greenhouse gas emissions
- Maintain clean and healthful air
- Develop resiliency to climate change impacts
- Engage the community in climate change mitigation and adaptation

Economic Development
- Promote innovation and a competitive workforce
- Cultivate local and sustainable development, jobs, and businesses

Energy
- Use energy for buildings and facilities efficiently
- Advance renewable energy
- Reduce energy consumption
- Enact policies that support clean energy
- Engage the community in clean energy practices

Land
- Encourage strategic development that upholds sustainability principles
- Conserve, restore and enhance natural features and ecosystems
- Support networks of accessible, well-used, and enjoyable parks
- Sustain a robust urban forest canopy
- Sustain beautiful landscapes that provide ecosystem services
- Achieve greater livability through sustainable land use and housing policies
- Cultivate a conservation ethic in the community

Leadership
- Enlist support for GRC2 goals through regional, state and national leadership
- Advocate for policies that align with and advance the GRC2
- Work collaboratively towards a sustainable region

Mobility
- Support safe and effective active transportation
- Maintain a diverse, safe, and efficient transportation network
- Support efficient transportation that uses resources wisely
- Integrate sustainability into transportation policies, programs, and regulations
- Promote public and sustainable transportation choices

Municipal Operations
- Lead by demonstrating sustainable values and practices
- Integrate sustainability into all municipal operations
- Operate a safe, clean and efficient fleet
- Collect and manage data to advance sustainability

Sustainable Communities
- Promote cultural vibrancy in the community
- Foster a culture of health, safety, and wellness
- Increase access to sustainably grown local food
- Sustain community principles that are welcoming, inclusive and equitable
- Promote a sustainable identity for the community
- Ensure local policies and codes support sustainability
- Cultivate community values based on principles of sustainability

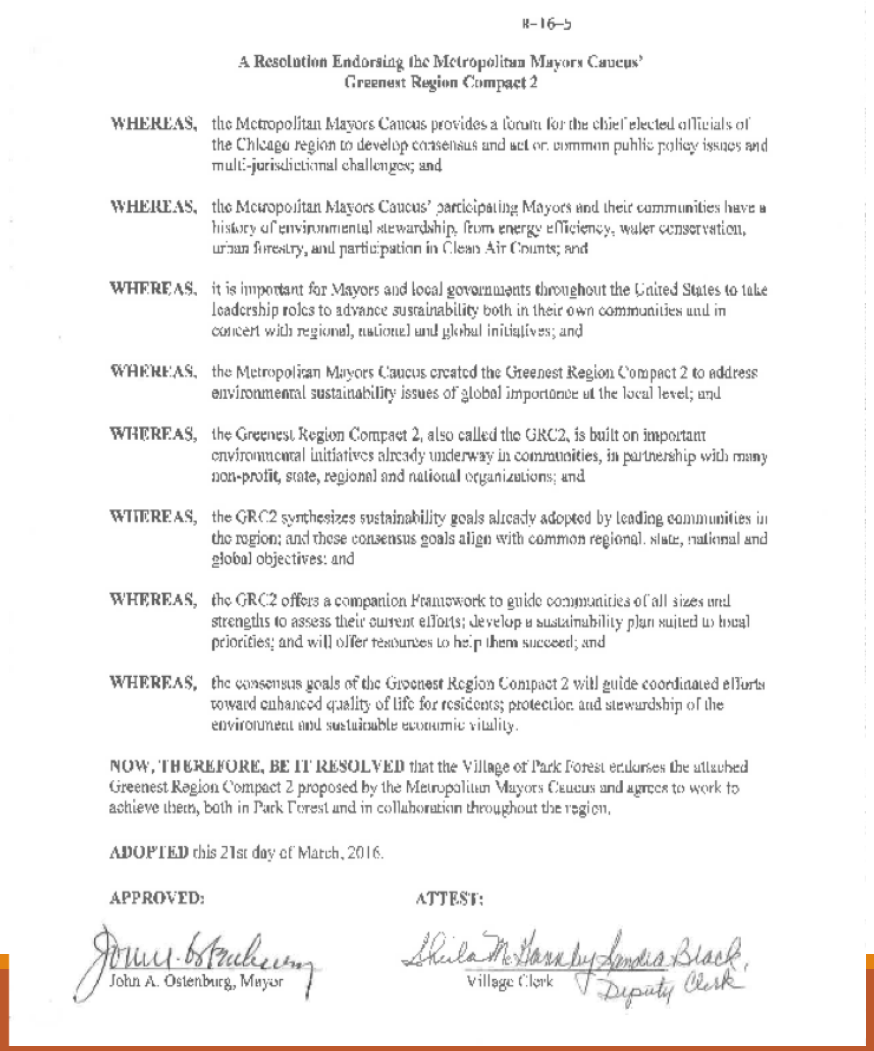
Waste & Recycling
- Support sustainable material management
- Recycle materials across all sectors
- Divert waste from landfills
- Enact policies that cause sustainable material management
- Engage the community in waste reduction and recycling

Water
- Use and distribute water efficiently
- Protect and improve and water quality
- Manage water system assets sustainably
- Optimize the use of natural and built systems to manage stormwater
- Practice stewardship of water resources
- Enact policies to protect water resources
- Engage the community in water stewardship

GRC2 Greenest Region Compact

Part 1 - Greenest Region *Compact* (GRC)

MUNICIPALITY PASSES A RESOLUTION SUPPORTING GOALS



R-16-5

A Resolution Endorsing the Metropolitan Mayors Caucus' Greenest Region Compact 2

WHEREAS, the Metropolitan Mayors Caucus provides a forum for the chief elected officials of the Chicago region to develop consensus and act on common public policy issues and multi-jurisdictional challenges; and

WHEREAS, the Metropolitan Mayors Caucus' participating Mayors and their communities have a history of environmental stewardship, from energy efficiency, water conservation, urban forestry, and participation in Clean Air Counts; and

WHEREAS, it is important for Mayors and local governments throughout the United States to take leadership roles to advance sustainability both in their own communities and in concert with regional, national and global initiatives; and

WHEREAS, the Metropolitan Mayors Caucus created the Greenest Region Compact 2 to address environmental sustainability issues of global importance at the local level; and

WHEREAS, the Greenest Region Compact 2, also called the GRC2, is built on important environmental initiatives already underway in communities, in partnership with many non-profit, state, regional and national organizations; and

WHEREAS, the GRC2 synthesizes sustainability goals already adopted by leading communities in the region; and these consensus goals align with common regional, state, national and global objectives; and

WHEREAS, the GRC2 offers a companion framework to guide communities of all sizes and strengths to assess their current efforts; develop a sustainability plan suited to local priorities; and will offer resources to help them succeed; and

WHEREAS, the consensus goals of the Greenest Region Compact 2 will guide coordinated efforts toward enhanced quality of life for residents; protection and stewardship of the environment and sustainable economic vitality.

NOW, THEREFORE, BE IT RESOLVED that the Village of Park Forest endorses the attached Greenest Region Compact 2 proposed by the Metropolitan Mayors Caucus and agrees to work to achieve them, both in Park Forest and in collaboration throughout the region.

ADOPTED this 21st day of March, 2016.

APPROVED:

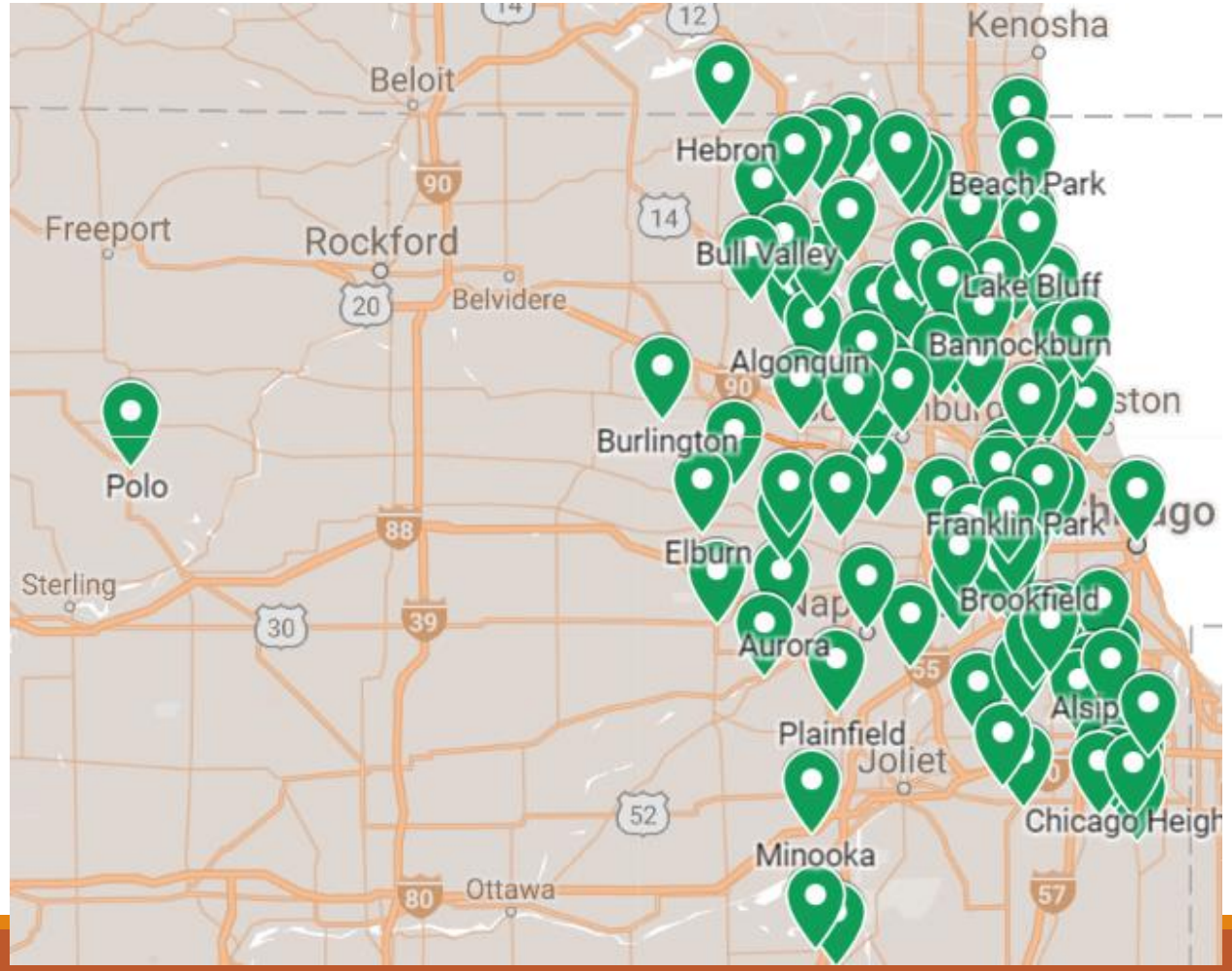
John A. Ostenburg, Mayor

ATTEST:

Village Clerk

GRC Adopters

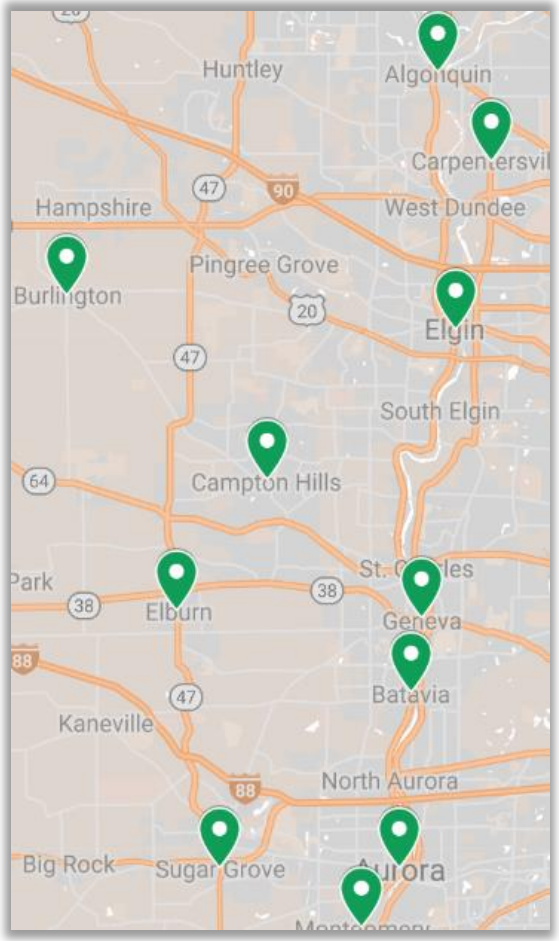
109 municipalities
10 COGS



Barrington Area Council of Governments
Lake County Municipal League
McHenry County Council of Governments
Metro West Council of Governments
Northwest Municipal Conference
South Suburban Mayors & Managers
Southwest Conference of Mayors
West Central Municipal Conference
Will County Government League
DuPage Mayors and Managers Conference

Kane County GRC Communities

Algonquin
Aurora
Batavia
Burlington
Campton Hills
Carpentersville
Elburn
Elgin
Geneva
Montgomery
Sugar Grove



GRC2 Greenest Region Compact

COLLABORATING FOR SUSTAINABLE COMMUNITIES

Part 2 - The GRC *Framework*

Greenest Region Compact

Compilation of all Common Objectives, Strategies

- From all plans
- Aligns with regional, national, global objectives
- Links to resources & existing programs

- Offers steps to achieve GRC2 Goals
- **Can be the Framework for your own sustainability plan**
  - To use - Select suitable objectives
- **No reporting or commitment required**

Your plans for each

GRC2 goal

GRC2 objectives/ strategies

	Category	GOAL		OBJECTIVE > STRATEGY + ADVANCED STRATEGY	Already achieved	In Progress	Planned for next 6 months	Planned for next 12-18 months	Interested in pursuing	Not planned	Not relevant	Contact Initials	Notes	Link to Resource
MI	Lead by Example	*Lead by demonstrating sustainable values and practices*	***MO1***	**Support or create an interdisciplinary team to coordinate internal sustainability efforts**										
			MO2	**Dedicate staff to direct sustainability initiatives**										
			MO4	**Educate and train staff on sustainability practices**										
			MO6	**Formalize sustainability goals and plans**										
			MO6a	>Adopt the Greenest Region Compact 2										Y
			MO6b	>Use the GRC2 Framework to create a sustainability plan and formally adopt it										Y

	Category	GOAL		ECTIVE > STRATEGY + ADVANCED STRATEGY	Already achieved	In Progress	Planned for next 6 months	Planned for next 12-18 months	Interested in pursuing	Not planned	Not relevant	Contact Initials	Notes	Link to Resource
MUNICIPAL OPERATIO	Lead by Example	*Lead by demonstrating sustainable values and practices*	***MO1***	**Support or create an interdisciplinary team to coordinate internal sustainability efforts**	x									
			MO2	**Dedicate staff to direct sustainability initiatives**	x									
			MO3	**Leverage state/federal and private grants and resources to advance sustainability**										
			MO4	**Educate and train staff on sustainability practices**										
			MO5	**Achieve third party certification for sustainable public facilities**										Y
			MO5a	>Achieve LEED or Green Globes certification for public buildings										Y
			MO6	**Formalize sustainability goals and plans**										
			MO6a	>Adopt the Greenest Region Compact 2	x									Y
			MO6b	>Use the GRC2 Framework to create a sustainability plan and formally adopt it										Y

Pat yourself on the back

	Category	GOAL		OBJECTIVE > STRATEGY + ADVANCED STRATEGY	Already achieved	In Progress	Planned for next 6 months	Planned for next 12-18 months	Interested in pursuing	Not planned	Not relevant	Contact Initials	Notes	Link to Resource
MUNICIPAL OPERATIONS	Lead by Example	*Lead by demonstrating sustainable values and practices*	***MO1***	**Support or create an interdisciplinary team to coordinate internal sustainability efforts**	x									
			MO2	**Dedicate staff to direct sustainability initiatives**										
			MO3	**Leverage state/federal and private grants and resources to advance sustainability**										
			MO4	**Educate and train staff on sustainability practices**										
			MO5	**Achieve third party certification for sustainable pu facilities**										Y
			MO5a	>Achieve LEED or Green Globes certification for public buildings										Y
			MO5b	>Achieve Sustainable Sites Certification for public landscapes							x			Y
			MO5c	>Achieve ENVISION certification for public infrastructure							x			Y
			MO6	**Formalize sustainability goals and plans**										
			MO6a	>Adopt the Greenest Region Compact 2	x									Y
			MO6b	>Use the GRC2 Framework to create a sustainability plan and formally adopt it										Y

DELETE THESE

GRC2 Framework Municipal Operations Sample Page

MUNICIPAL OP	Category	GOAL		OBJECTIVE > STRATEGY + ADVANCED STRATEGY	Already achieved	In Progress	Planned for next 6 months	Planned for next 12-18 months	Interested in pursuing	Not planned	Not relevant	Contact Initials	Notes	Link to Resource
	Lead by Example	*Lead by demonstrating sustainable values and practices*	***MO1***	**Support or create an interdisciplinary team to coordinate internal sustainability efforts**	x									
			MO2	**Dedicate staff to direct sustainability initiatives**										
			MO3	**Leverage state/federal and private grants and resources to advance sustainability**										
			MO4	**Educate and train staff on sustainability practices**										
			MO5	**Achieve third party certification for sustainable public facilities**										Y
			MO6	**Formalize sustainability goals and plans**										
			MO6a	>Adopt the Greenest Region Compact 2			x							Y
			MO6b	>Use the GRC2 Framework to create a sustainability plan and formally adopt it					x					Y

timeframe, & priority

Part 3 –GRC *Supportive Programs*

Collaborative programs to realize GRC2 goals ***regionally***

- Leverage municipal consensus
- Grants
  - Collaborative grant *seeking*
    - SolSmart
    - AmeriCorps
  - GRC favored to *receive* grants
  - Collaborative programs
- Planned reporting & tracking
- Planned recognition

CS2 Community Solar Clearinghouse Solution
Metropolitan Mayors Caucus

GRC2 Framework Solar Energy Example

	Category	GOAL		OBJECTIVE > STRATEGY + ADVANCED STRATEGY	Already achieved	In Progress	Planned for next 6 months	Planned for next 12-18 months	Interested in pursuing	Not planned	Not relevant	Contact Initials	Notes	Link to Resource
ENERGY	ewable Energy	*Advance renewable energy*	***E13***	**Support the adoption of renewable energy technologies in the community**										
			E13a	>Adopt codes and permitting practices that support renewable energy systems in the community										
			E16	**Develop renewable energy capacity targeting underutilized public properties (i.e. brownfields)**										
			E+17	**+ Collaborate to provide access to community solar**										Y
	Policy	*Enact policies that support clean energy*	***E25***	**Facilitate the adoption of renewable energy technologies (i.e. solar, geothermal) by adapting building and zoning codes**										
			E+29	**+ Negotiate franchise agreement with utilities to exercise lump sum payment option to finance clean energy**										

Future Energy Jobs Act - $650 million for solar

Sol Smart – MMC Cohort

SolSmart

- MMC led cohort earned SolSmart
  - 12 municipalities
  - Kane was one of 3 counties
- Second cohort 22 municipalities
- Streamline codes & policies to promote solar development

Greenest Region Compact

http://mayorscaucus.org/initiatives/environment/rec/

Edith Makra
Director of Environmental Initiatives
Metropolitan Mayors Caucus
312-201-4506

emakra@mayorscaucus.org

GRC2 Greenest Region Compact

COLLABORATING FOR SUSTAINABLE COMMUNITIES

Greenest Region Compact for Kane County

February 15, 2019

County Benefits

- **Credit for sustainability achievements**
- **Advances Kane County's Operational Sustainability Plan**

  (Coordinating with regional efforts is third component of 3 part plan)
- **Guides future sustainability activities**

  (links best practices with Operational Sustainability Plan)
- **Gain GRC Resources**

  (including self-assessment tools)

Sustainability Achievements

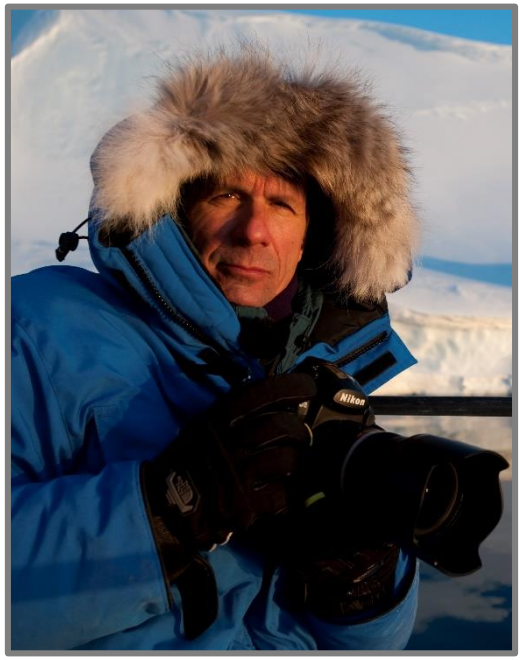
- Preliminary assessment showed:

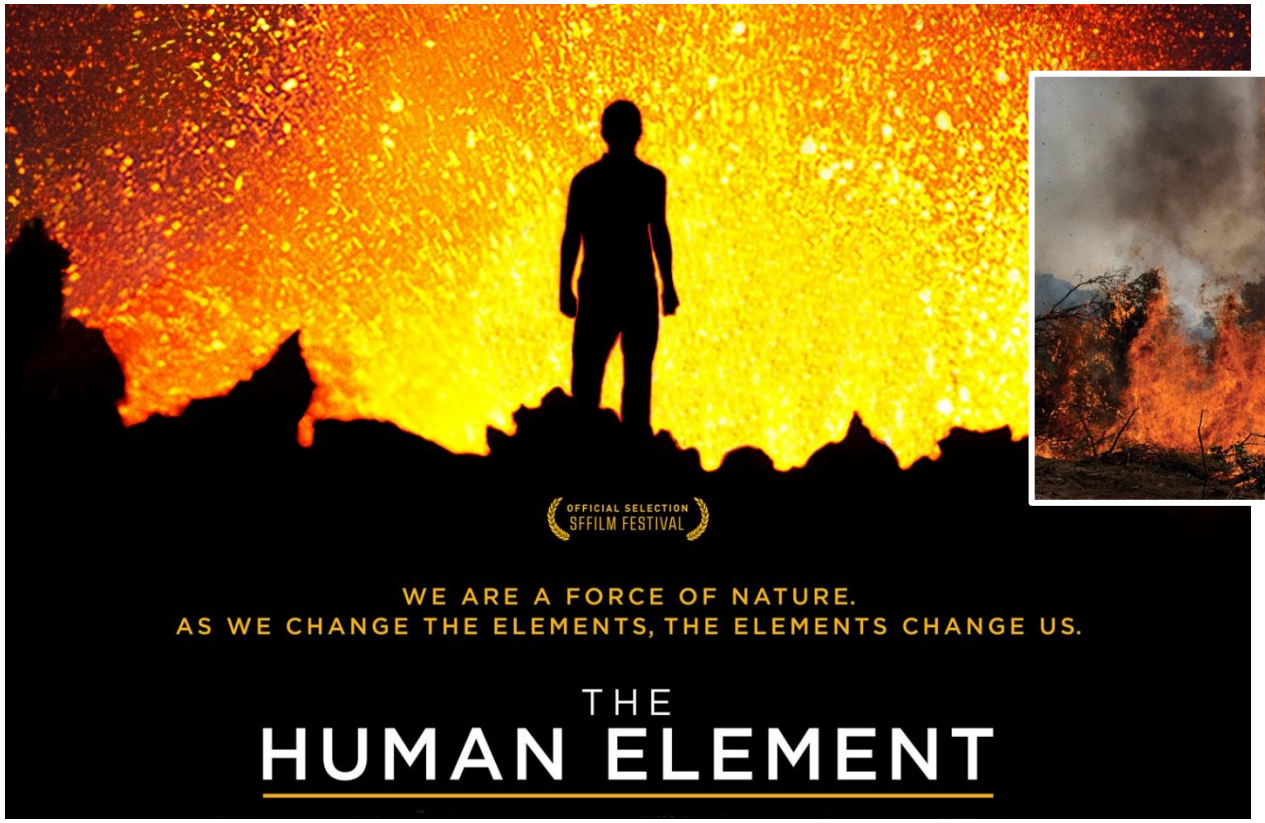
Category	Already Achieved	In Progress/Ongoing
Land Use	16	40
Recycling	11	5
Water	28	12

What next?

- Asking for approval for County Staff to:
  - Conduct a thorough evaluation of the County's accomplishments using the GRC Framework
  - Work with the Metropolitan Mayors Caucus to tailor GRC language specifically to County if needed

- Next month, present:
  - Evaluation of County's current accomplishments using the GRC Framework
  - Resolution to adopt GRC





ONE EARTH
FILM FESTIVAL

Waubonsee Community College – Aurora Downtown Campus

March 4 at 7pm

Doors open at 6pm for Sustainability Resource Fair