

green  
town

# GreenTown Rockford

November 12 | Embassy Suites Rockford Riverfront

# Sustainability & Resiliency in the Rockford Region

GreenTown Rockford Conference

11/12/21



# **WHO IS REGION 1 PLANNING COUNCIL?**



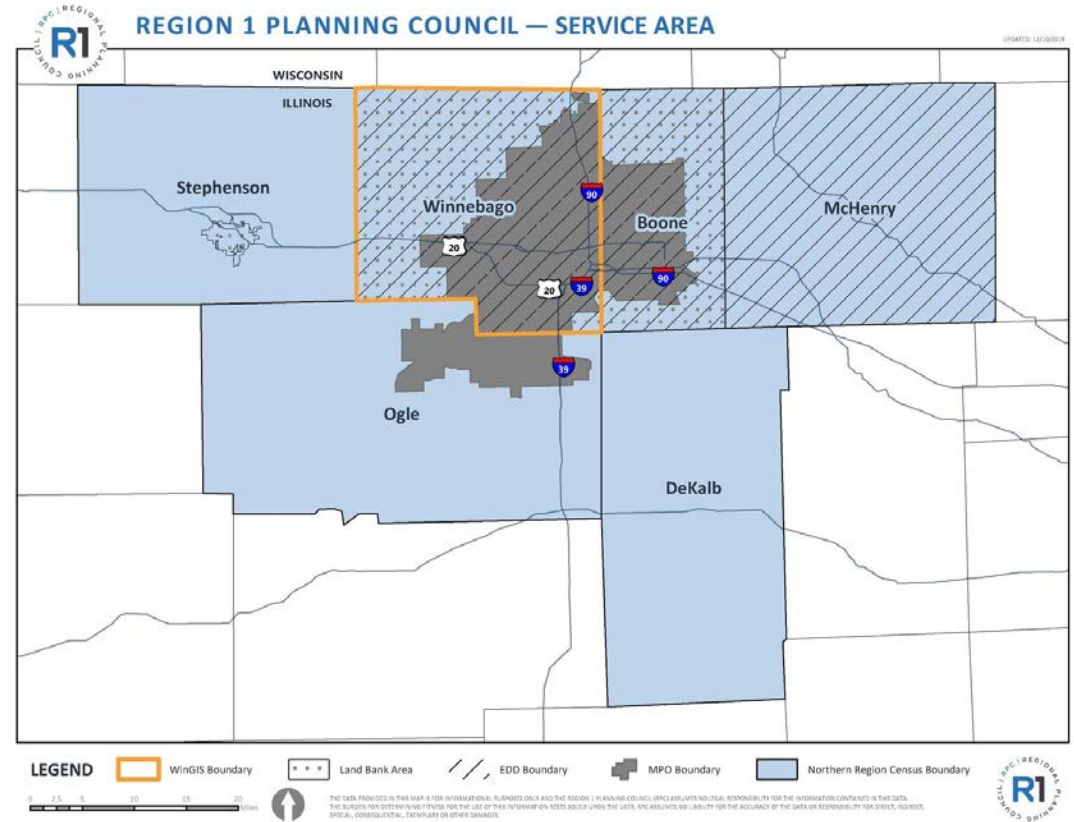
# BACKGROUND & CONTEXT

Region 1 Planning Council



## WHO, WHERE, WHY

- Region 1 Planning Council is a special-purpose, regional government agency located in Northern Illinois.
- We collaborate and convene with local governments, addressing regional issues on a long term horizon.



# SUSTAINABILITY & RESILIENCY

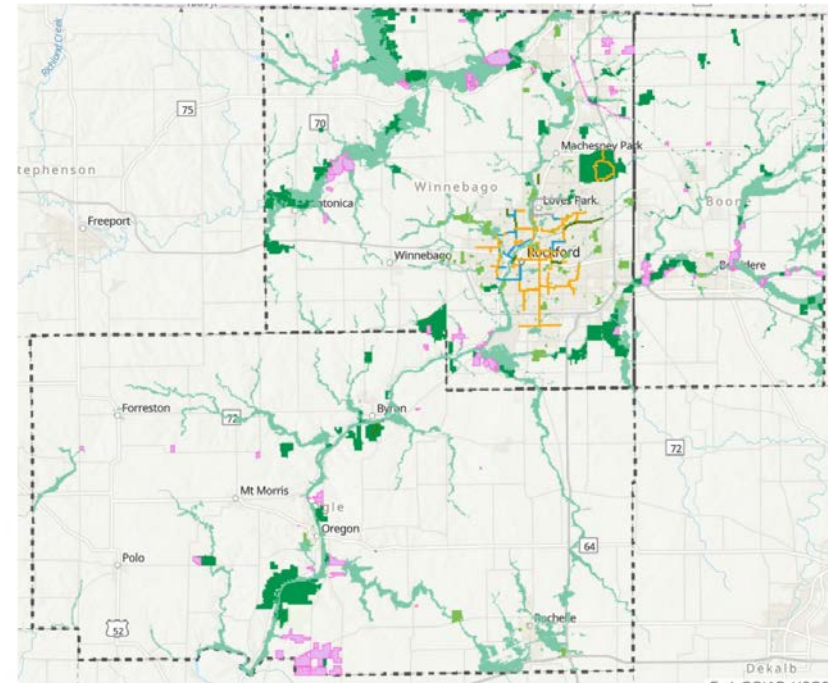
Region 1 Planning Council



## PAST RPC PROJECTS

- Greenways Plan
- EV Charging Infrastructure Plan
- Vital Signs Sustainability Plan
- Comprehensive Economic Development Strategy Plan

Figure 6-1. Screen shot image of RPC's interactive online Greenways Map



Source: 2021 Greenways Plan and Map Update

## EXPERT MEMBER SERVICES

- Sustainability & Resiliency Planning
  - Land use
  - Energy
  - Water
  - Waste
  - Agriculture
- Research & Innovation
- Community Engagement



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## INNOVATION & THOUGHT LEADERSHIP

- RPC staff is providing expertise throughout the region:
  - ComEd's Climate Futures Program
  - UIC's E2S Climate Hub Zero Emissions Panel
  - GreenTown Rockford Conference
  - NIU's Northern Illinois Center for Community Sustainability



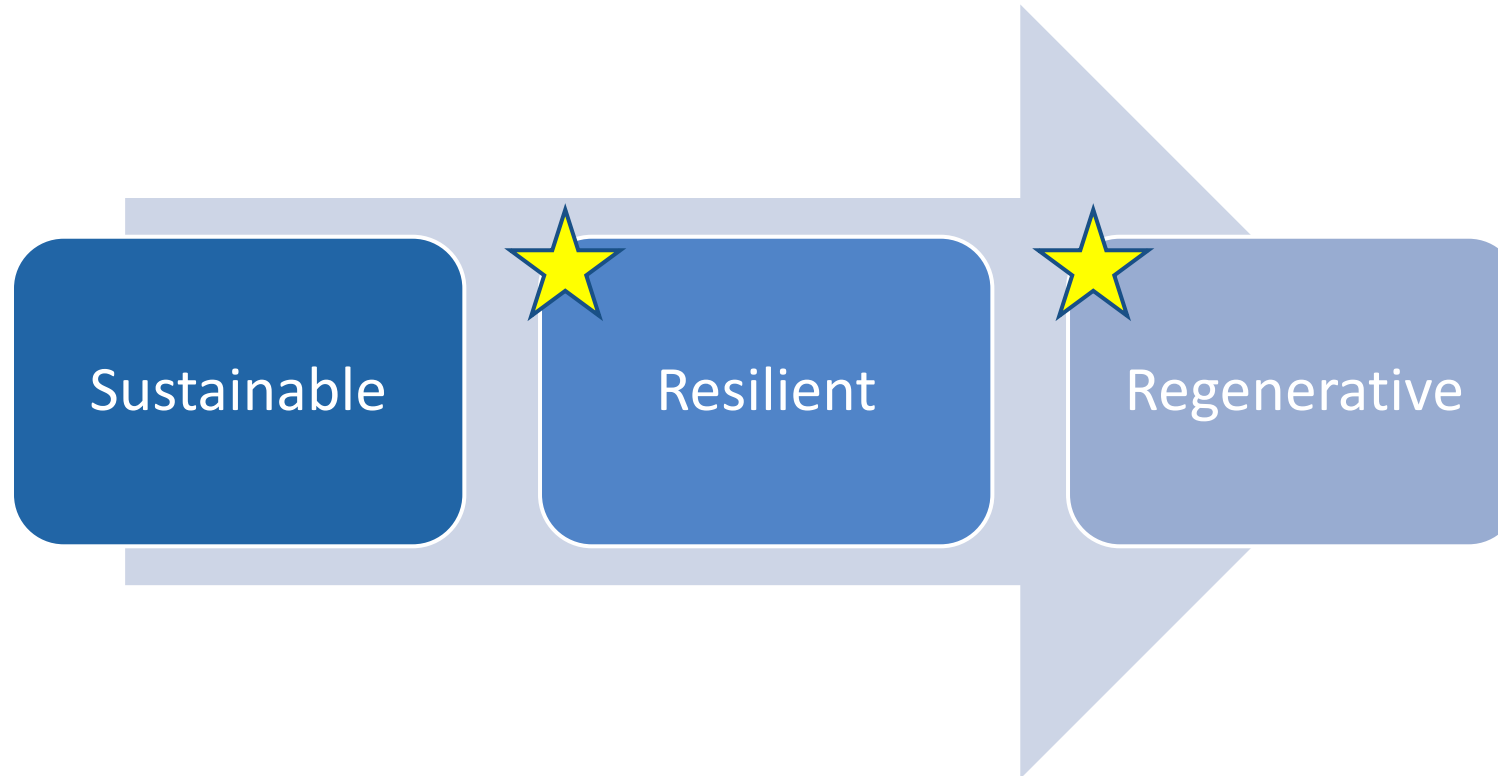
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# **REGIONAL APPROACH TO SUSTAINABILITY & RESILIENCY**





## EVOLUTION OF SUSTAINABILITY



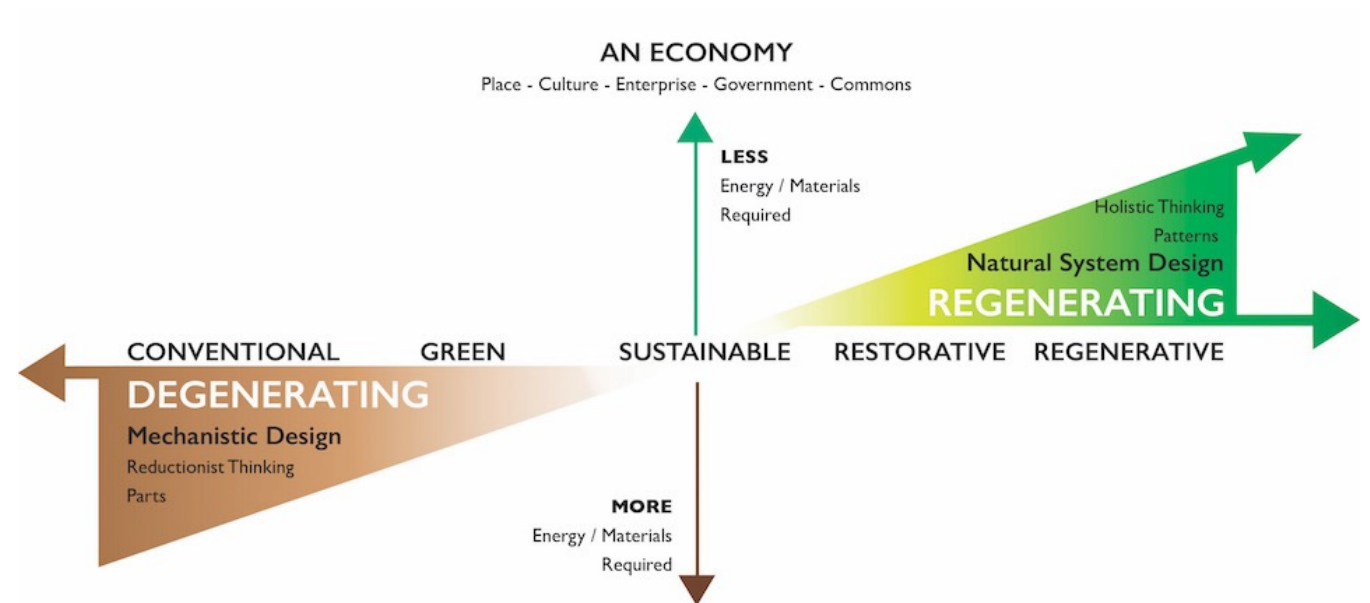
# SUSTAINABILITY & RESILIENCY

Region 1 Planning Council



## A REGENERATIVE REGION MEANS...

- Social, economic, and environmental resiliency
  - Energy security
  - Green infrastructure
  - Job education and retraining
  - Disaster preparedness
  - Local food system support
  - Waste reduction



# SUSTAINABILITY & RESILIENCY

Region 1 Planning Council



## CURRENT & FUTURE PLANNING PROJECTS

- Solid Waste Management Plan for Boone & Winnebago Counties
- Water Resource Planning
- Climate Action & Resiliency Planning
- Urban Agriculture Planning & Projects
- Circular Economy Research, & More!



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# MOVING FORWARD



## FUTURE PLANS

More to Come...Stay Tuned!



## GUIDING PRINCIPLES FOR A RESILIENT REGION

- Community-led
- People + place
- Equitable transition
- Transparency and accountability



Source: [www.GoRockford.com](http://www.GoRockford.com)

**SHELBY BEST**

[sbest@r1planning.org](mailto:sbest@r1planning.org)

815-319-4190



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# CLIMATE ACTION PLAN FOR THE CHICAGO REGION

**2021**

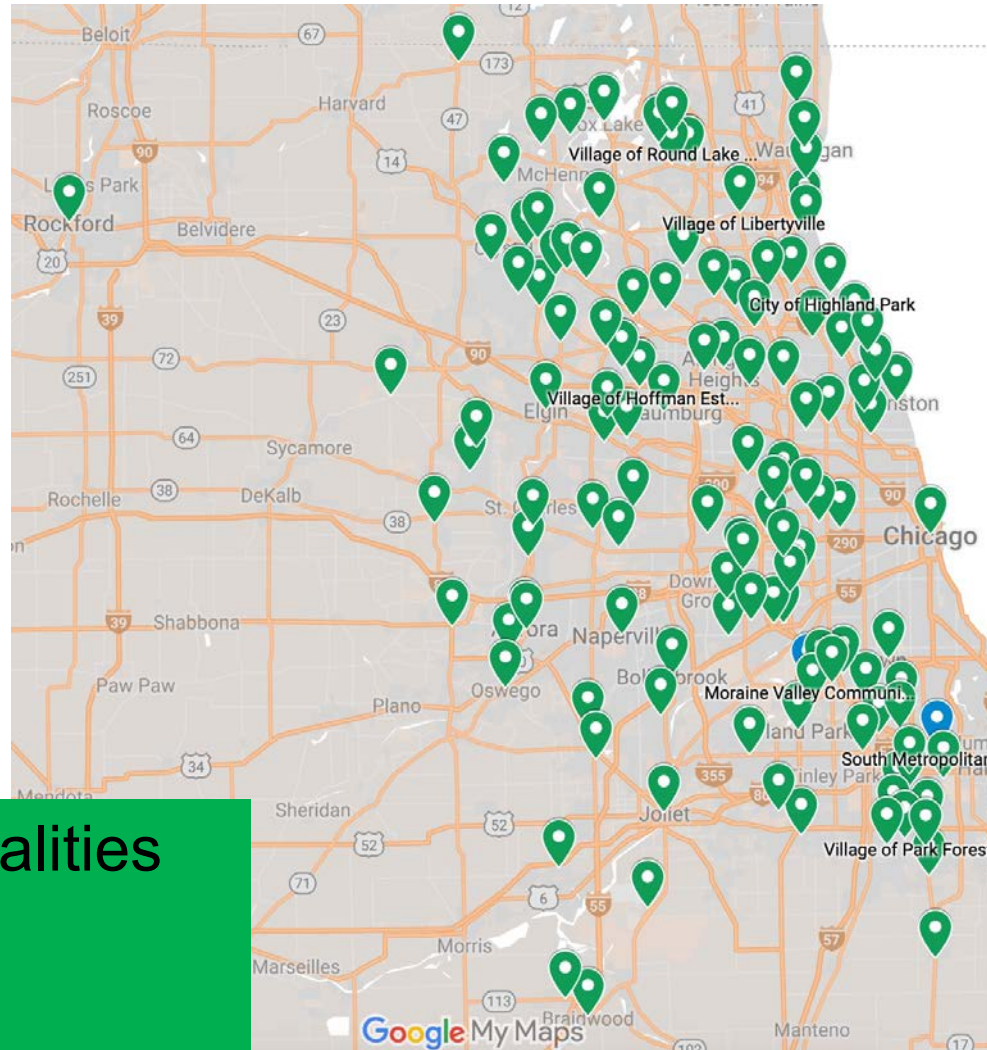
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*Metropolitan Mayors Caucus | NOAA*



**Greenest  
Region  
Compact**

# Foundation for Climate Action



**134 municipalities  
4 counties  
10 COGS**



# Pioneering Regional Climate Planning in US



GLOBAL COVENANT  
of MAYORS for  
CLIMATE & ENERGY  
UNITED STATES

GCoM USA Regional and  
Metro-scale Climate Leaders

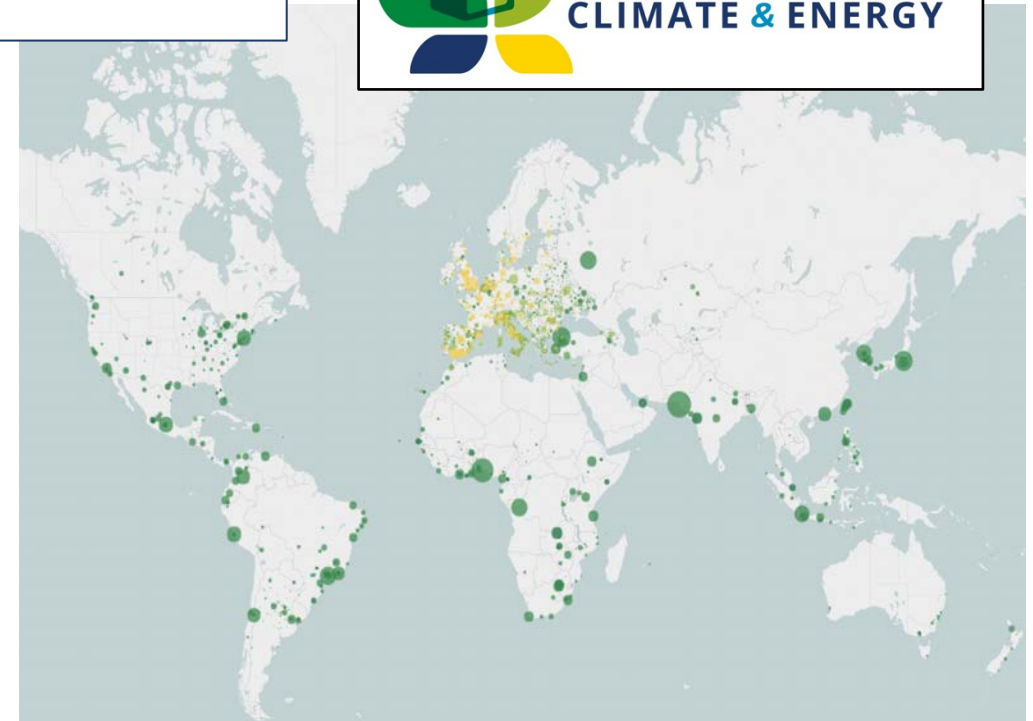
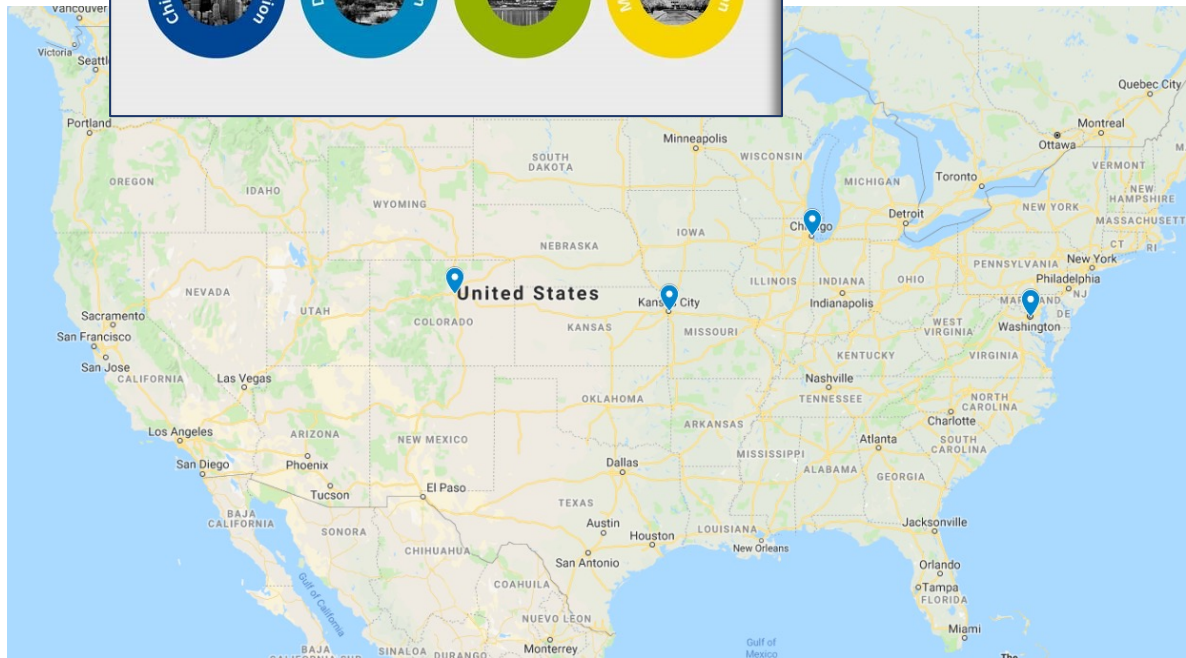
- Chicago Metropolitan Region
- Denver / Boulder Region
- Kansas City Region
- Metropolitan Washington



Co-funded by  
the European Union



GLOBAL COVENANT  
of MAYORS for  
CLIMATE & ENERGY



# CAP PARTNERS & CONTRIBUTORS

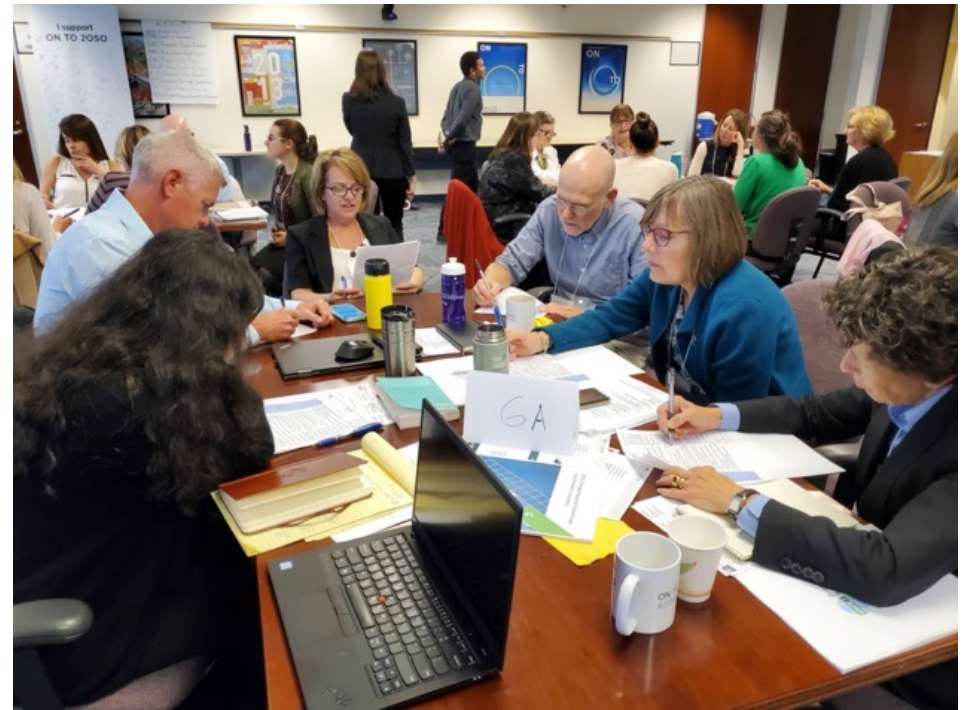


U.S. Climate  
Resilience Toolkit

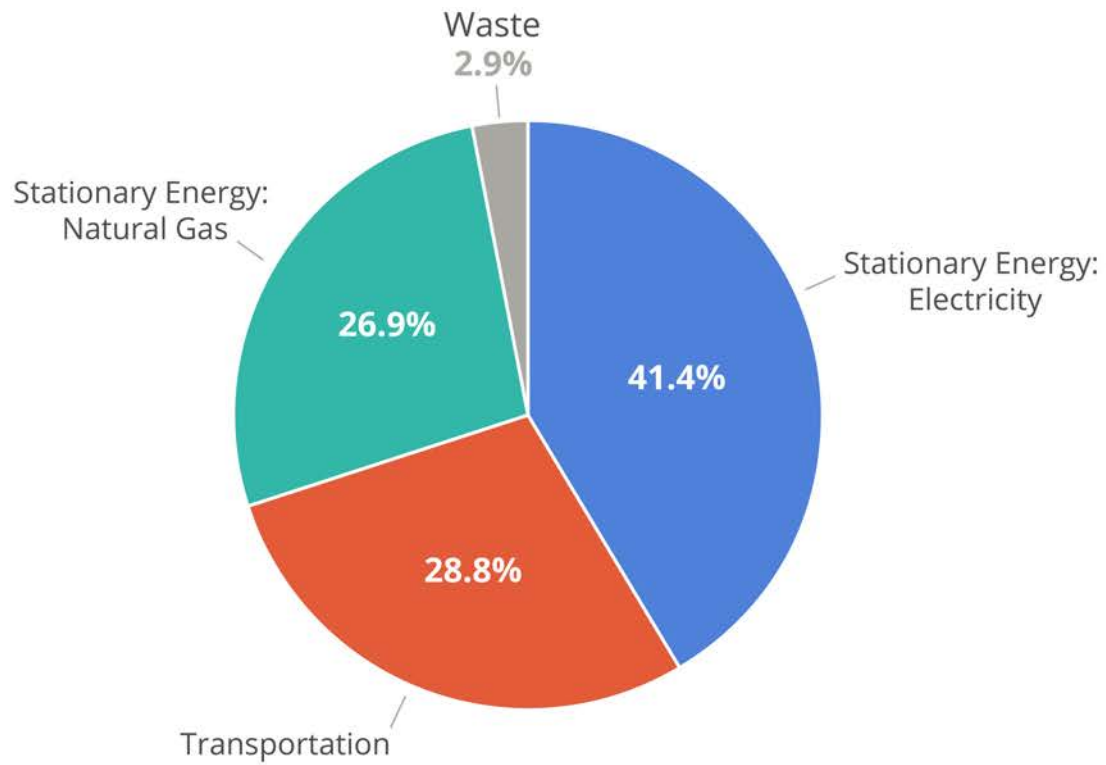


Chicago Metropolitan  
Agency for Planning

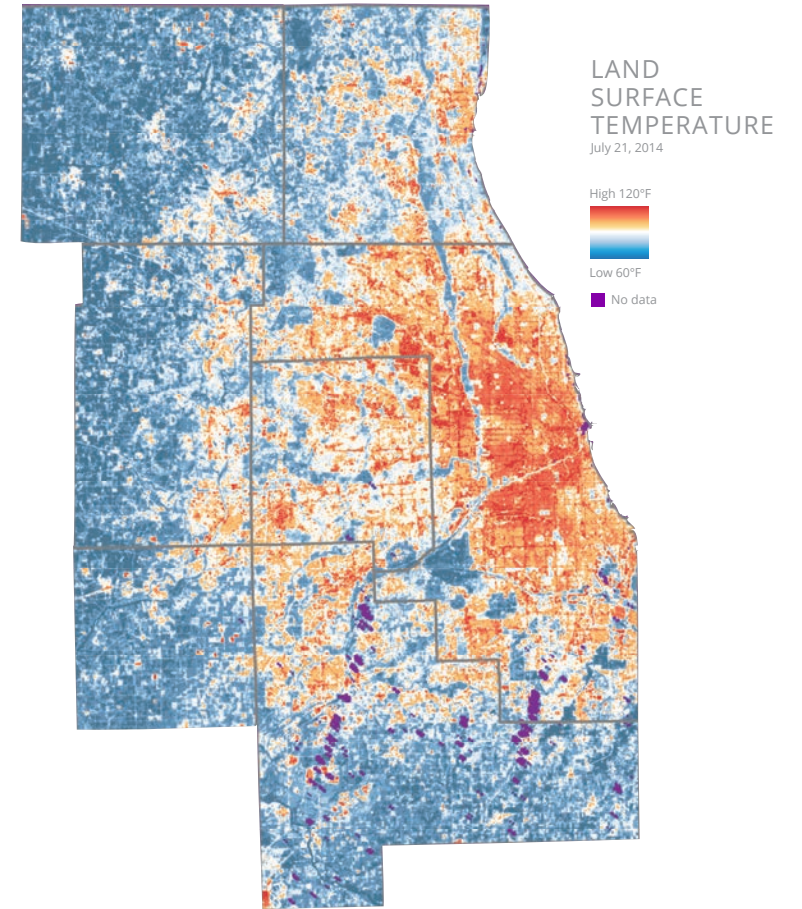
- Stakeholder Engagement & Research:
  - 175 organizations
  - 270 stakeholders
  - 53 municipalities
  - 52 sustainability and climate action plans
  - 7 workshops & 10 presentations



# Regional Challenges



GHG emissions



Risk and Vulnerability

CO<sub>2</sub>

MITIGATION

ADAPTATION

CO<sub>2</sub>

EQUITY



CO<sub>2</sub>

CO<sub>2</sub>

# Tailored for Municipal Action



**LEAD**



**ENCOURAGE**



**ENACT**

## CLIMATE ADAPTATION GOAL

Persistent, equitable climate adaptation

### INTERIM TARGETS

**2030** Climate-resilient governance

**2040** Resilience across jurisdictions

**2050** Cohesive, resilient communities

## CLIMATE MITIGATION GOAL

Net zero greenhouse gas emissions

### INTERIM TARGETS

**2030** Reduce GHG emissions 50% from 2005 levels

**2040** Reduce GHG emissions 65% from 2005 levels

**2050** Reduce GHG emissions at least 80% from 2005 levels

**Edith Makra**

Director of Environmental Initiatives

Metropolitan Mayors Caucus

[emakra@mayorscaucus.org](mailto:emakra@mayorscaucus.org)





**THE VILLAGE OF BROADVIEW**



“

Saving our planet, lifting people out of poverty, advancing economic growth... these are one and the same fight.

—

UNITED NATIONS SECRETARY-GENERAL BAN KI-MOON

DRIVING MUNICIPAL INNOVATION...

# MUNICIPAL EVOLUTION

We have brought together experts in strategic planning, sustainability, community engagement, workforce and economic development to create a new approach for transforming disinvested communities



**INNOVATIVE LEADERSHIP**

**SUSTAINABILITY**



**THE FORMATION**

“

How we build our cities — from the neighborhood up — is the biggest opportunity of our lifetime

---

# OUR PRIORITIES

VILLAGE OF BROADVIEW



## URBAN TRANSFORMATION

Cities are undergoing the biggest growth of the past 100 years. More than 80% of people around the world will live in cities by 2050. To support this urbanization, trillions of dollars are flowing into communities to build and revitalize neighborhoods, housing, commercial districts, and critical water, energy and transportation infrastructure.



## THE EQUITY GAP

Inequity in the distribution of urbanization resources contributes to a vast and growing equity gap — where the postal code a child is born into has a bigger role in determining their future than any other single factor. Income, education, and health disparities are at the root of social unrest; blight and ecological degradation; and the growing threat of climate change.



## LEVELING THE FIELD

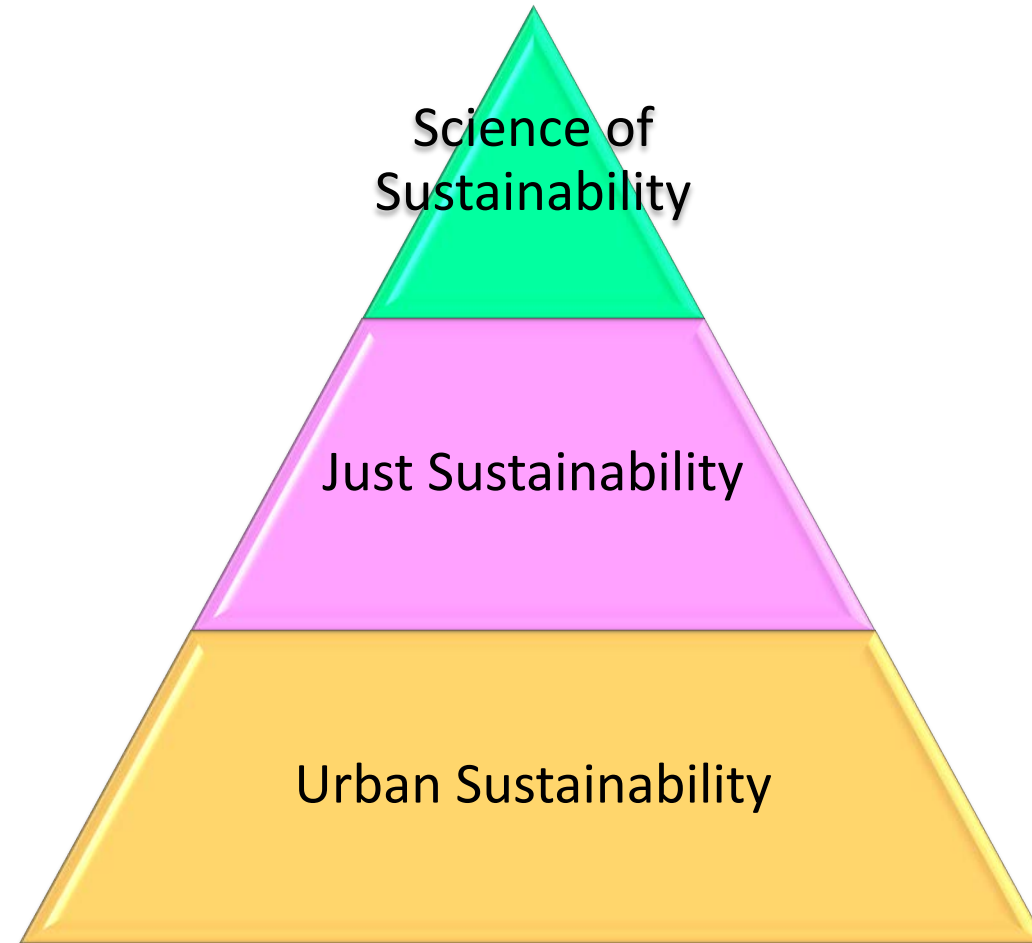
Our approach positions disinvested communities to work collaboratively to secure resources, share innovation, and scale. It is central to our work that communities of color remain competitive in adopting sustainability best practices.

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## HIERARCHY

- Urban Sustainability is the foundation by which other building blocks are added
- Just Sustainability ensures equitable processes and distribution
- Demonstrates the interoperability of the sciences that support sustainability broadly

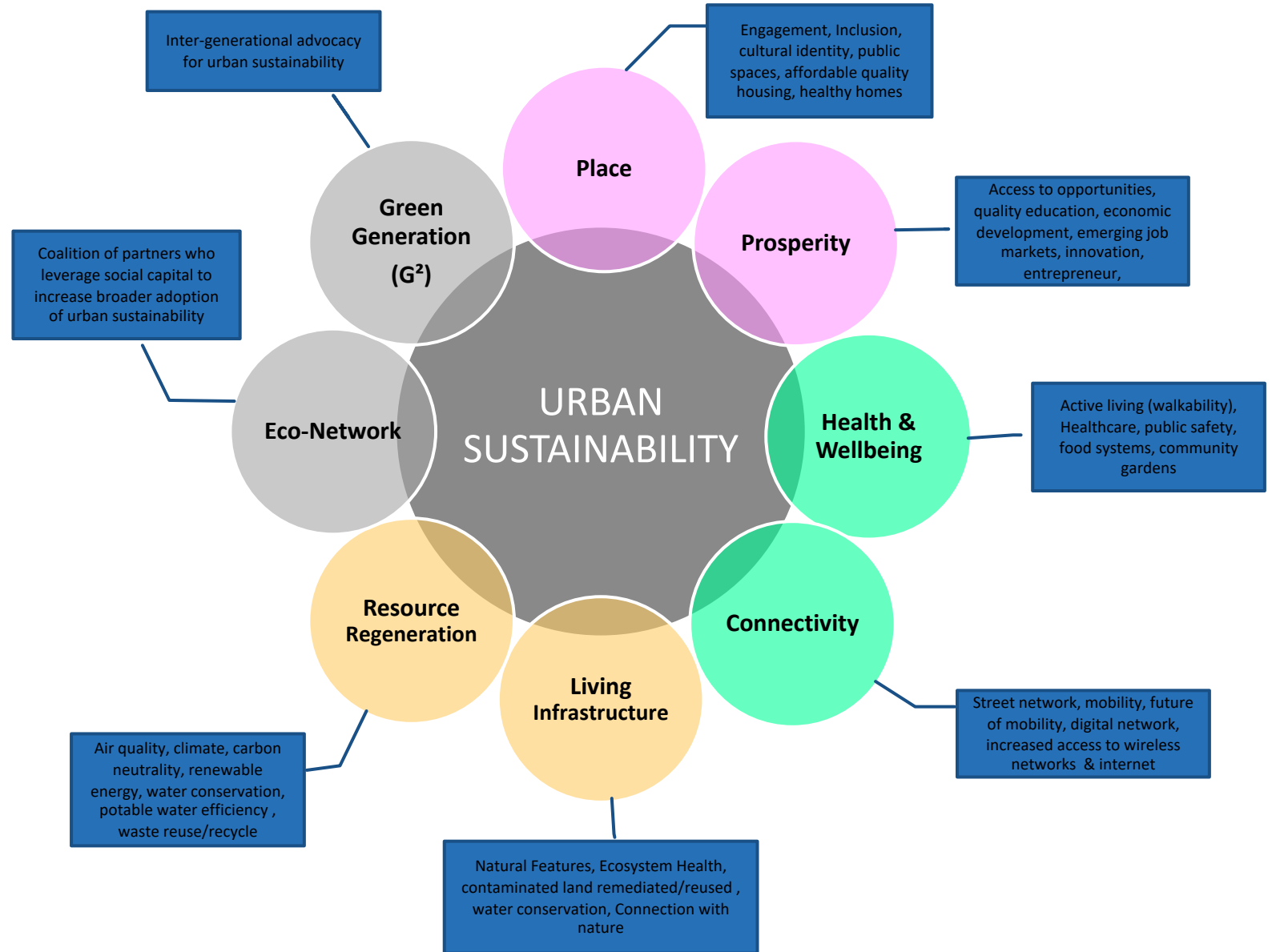
## SYSTEM OF SUSTAINABILITY HIERARCHY



# URBAN SUSTAINABILITY FOUNDATION

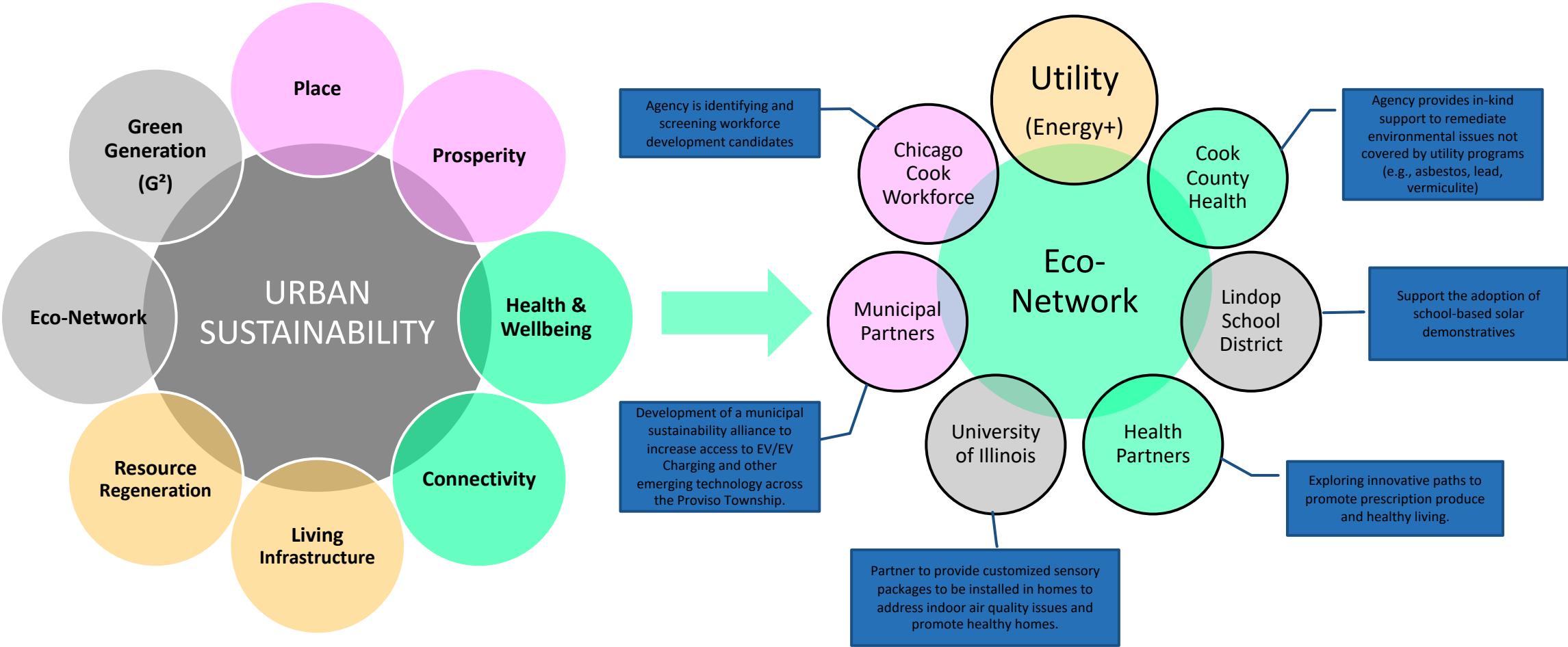
- EcoDistrict Protocol provides an undeniable foundation
- The additional components provides generational depth and resource support
- This baseline sustainability infrastructure should serve as the entrance point for all communities pursuing a sustainable future

# URBAN SUSTAINABILITY PRIORITIES



# FUELING THE SUSTAINABILITY INFRASTRUCTURE: ECO-NETWORK (BEST PRACTICES)

Interoperability combines the resources of multiple stakeholders to enhance community value



“

Those closer to  
the problem —  
are also — closer  
to the solution

---

## OUR PLAN



### COMMUNITY SOLAR

Our comprehensive sustainability plan prioritizes carbon neutrality and net positive energy. Our hallmark renewable energy projects include, but are not limited to;

- The Broadview Renewable Business Collective
- Lindop School Project
- Renewable Greenhouse Initiative



### THE FUTURE OF MOBILITY

As we look forward to the future, we understand that transmodal options are consistent with sustainability best practices. To ensure we are on pace with technological advancements our plan consist of the following:

- The EVolve equitable mobility initiative
- Ride with the Mayor – inclusive of bike share and electric scooters



### HOLISTIC HEALTH

Addressing the social determinants of health in disinvested communities is fundamental to every aspect of our comprehensive plan. We address this through the following initiatives:

- Prescription Produce
- Community Garden
- Healthy Homes and Energy Efficiency services

---

BROADER  
ADOPTION



We are working with our municipal partners to design cross-municipal suite of programs. Success in this will create economies making our efforts more attractive to funders. Together, we can create more jobs, a healthier environment and have a greater impact on local culture.





**THANK  
YOU!!!**

Mayor Katrina Thompson  
Village of Broadview  
(708) 681-3600



KEEP THE CONVERSATION GOING...



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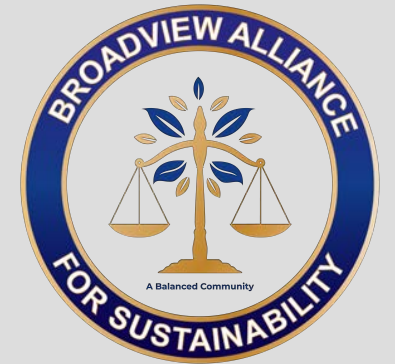
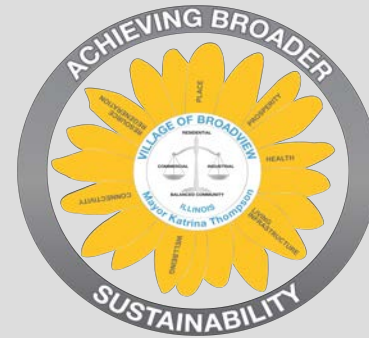
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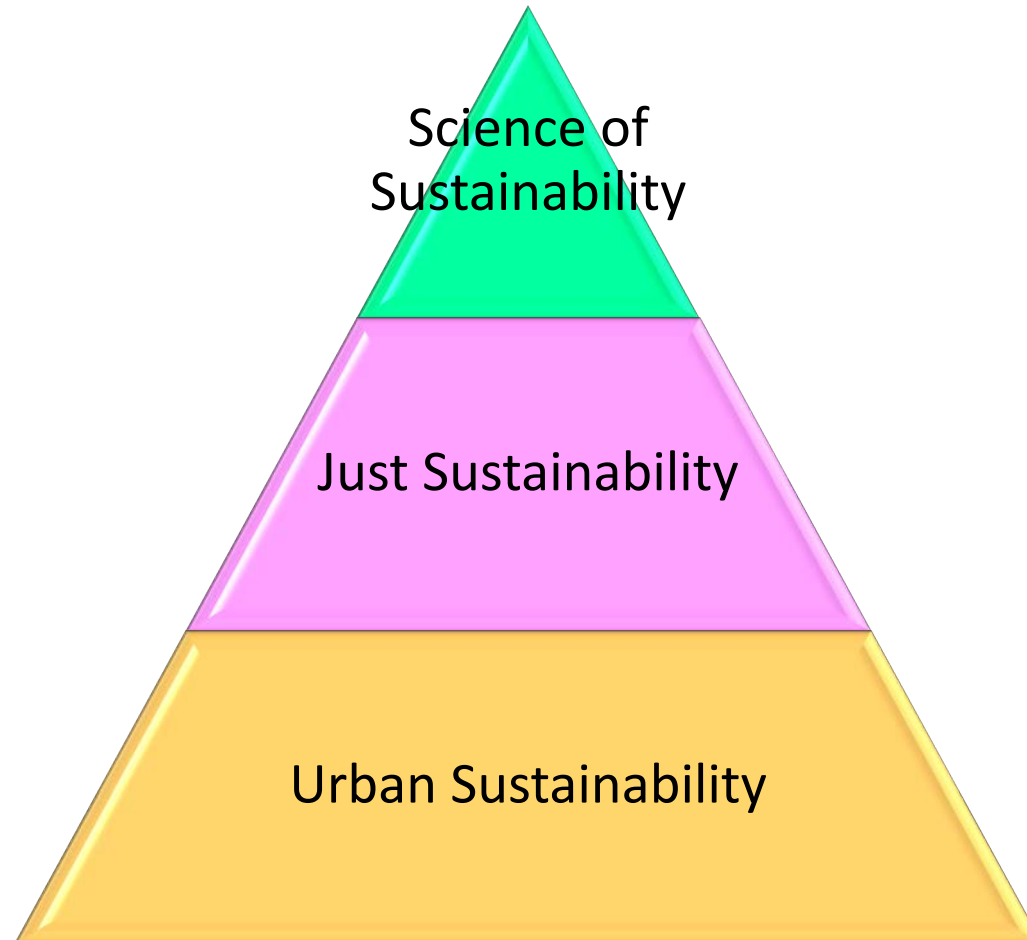
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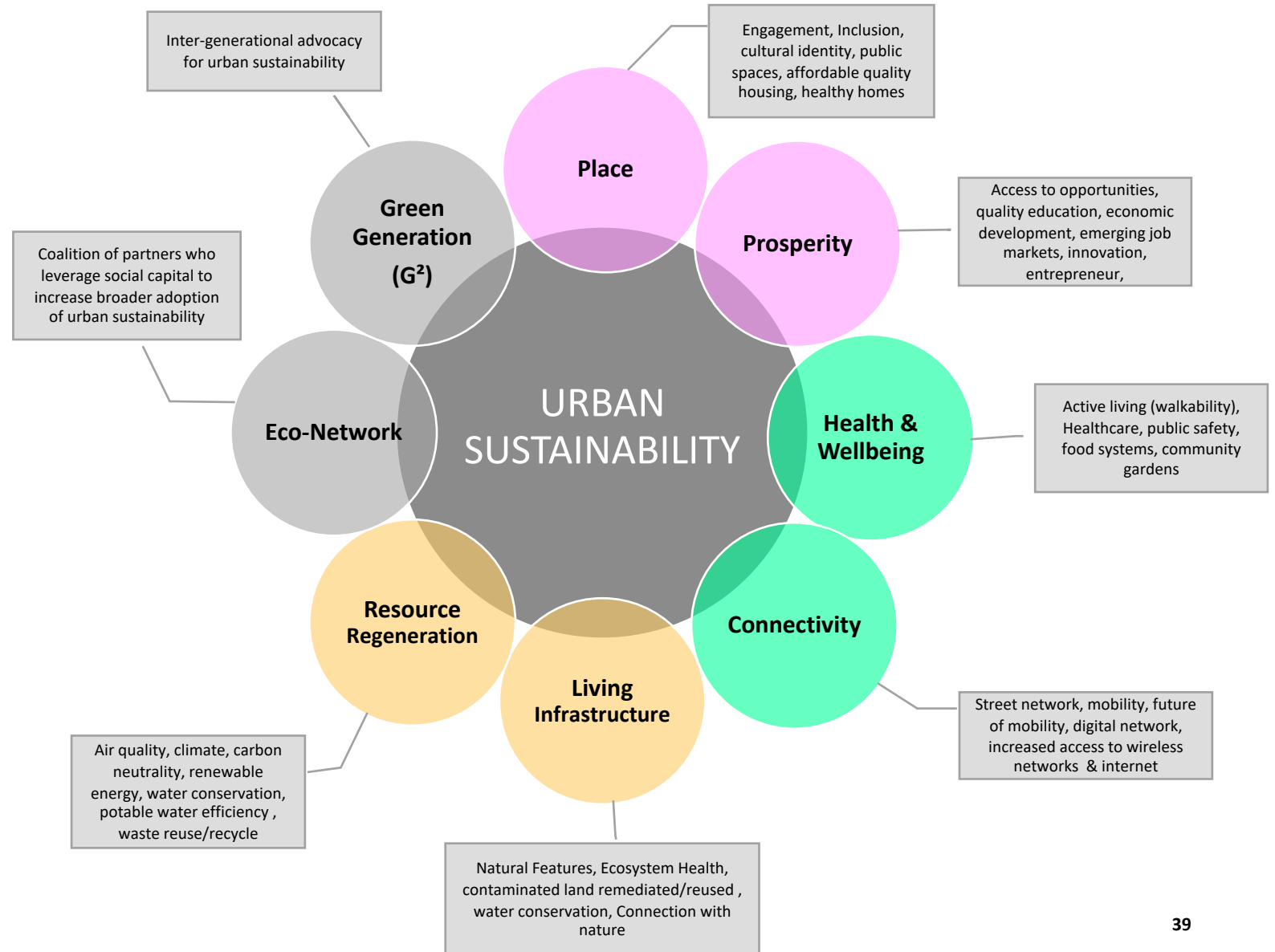
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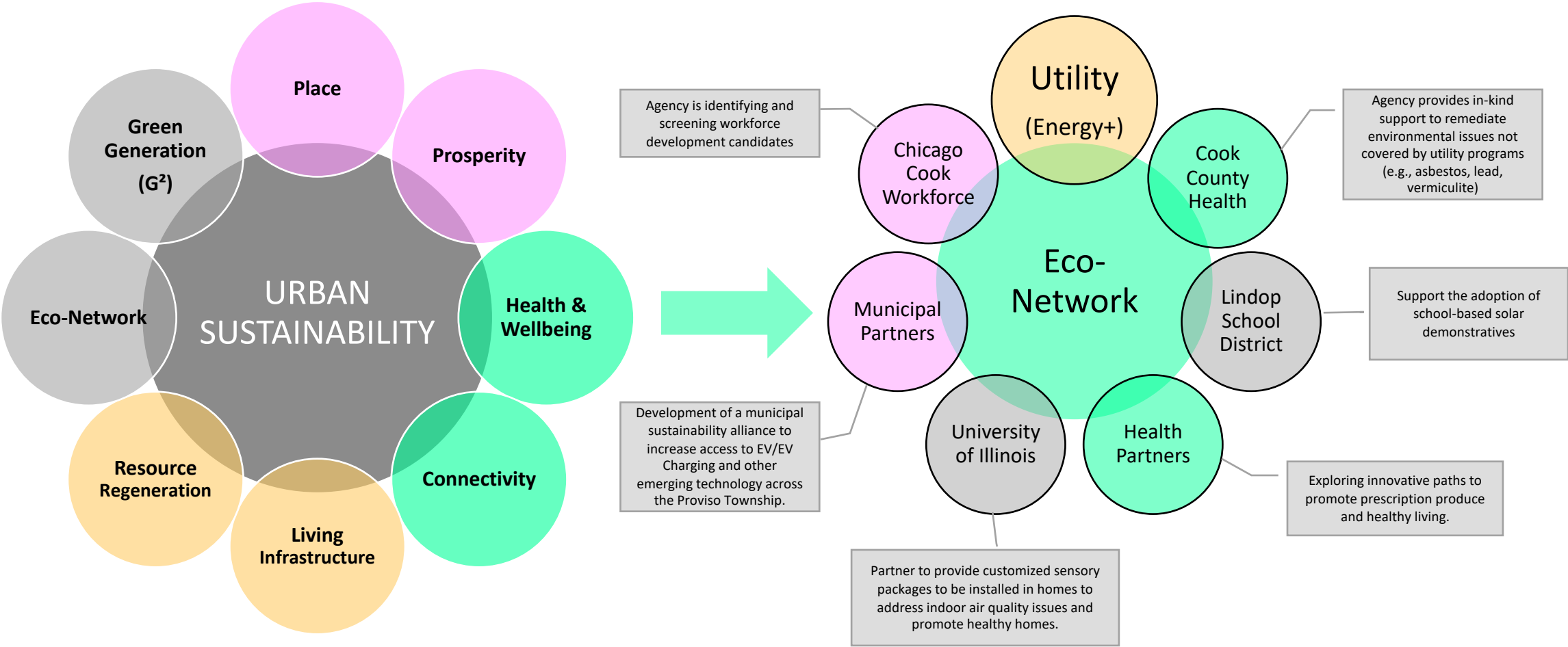
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