



# Resilient Cities and Communities Coalition

We are cities and communities collaborating to achieve (and live) a resilient future by



- (1) Innovating Solutions**
- (2) Collaborating for Impact**
- (3) Engaging Community Stakeholders**
- (4) Shaping Public Policy**
- (5) Modeling Resilience to catalyze change**

[www.allianceforsustainability.com/resilientcities](http://www.allianceforsustainability.com/resilientcities)

## Let's Create Sample Strategy Maps for Cities to Achieve Their Climate & Resilience Goals

**Goal - provide cities with sample strategy maps** (adjusted for city types) that city teams can modify and implement from 2020 to 2030 to meet their new city-wide **2040 comprehensive plan resilience goals** (mitigation, adaptation and sequestration) - while creating co-benefits for the three E's environment, economic development and equity.

- **Tues Dec 3 EQB Environmental Congress** – let's organize an **Open Space Session on city level actions** to share action ideas for (1) clean energy, (2) efficient buildings, (3) transportation/land use, (4) resilience/adaptation
- **Environmental Commissions Gathering for Hennepin County Cities Wed Jan 22, 6:30 to 8:30pm @ St. Louis Park City Hall** (Council Chambers) 5005 Minnetonka Blvd, St Louis Park, MN 55416  
<https://jan22environmentalcommissionshennepinco.eventbrite.com>
- **MN Green Step Cities Workshop - City Climate Action: Now What? Wed Feb 5 9am to Noon @ LMC in St. Paul**  
<https://www.eventbrite.com/o/minnesota-greenstep-cities-18017175524>

### City sample strategy map conversation – let's share examples from our cities

City teams can then adapt/ modify the sample strategy maps and implement them 2020 to 2030 to meet their city-wide **2040 comprehensive plan resilience goals** (mitigation, adaptation sequestration)

	<b>City Ordinances/ Policies</b>	<b>Projects – new buildings, capital investments, one time investments</b>	<b>Campaigns – Behavior change residents and businesses</b>	<b>State Level Policies</b>
<b>(1) Clean energy – solar, storage, smart grid, etc.</b>				
<b>(2) Efficient buildings</b>				
<b>(3) Transportation/ Land use/ VMT/ electrification</b>				
<b>(4) Consumption/ recycling/ resource recovery</b>				
<b>(5) Resilience/adaptation sequestration/ forestry/ pollinators/ Ecosystems/ Food</b>				

# Let's Create Sample Strategy Maps for Cities to Achieve Their Climate & Resilience Goals

## Opportunities/Needs

- **Cities want to take deeper actions** – starting in 2020 - at least 30 metro cities, plus Northfield, Faribault, St. Cloud, Duluth, Rochester, Winona, Redwing, etc. want to deepen the actions they are taking in 2020 to get on track to achieve their new city-wide **2040 comp plan resilience goals**
- **Metro cities will receive their community wide GHG data in 2020** from the Met Council (electricity, natural gas, VMT, water use, solid waste, etc.) <https://metro council.org/Council-Meetings/Committees/Committee-of-the-Whole/2019/05-01-19/Creating-tools-for-Climate-Change-PPT.aspx>
- **Sample Strategy Lists for metro cities are coming in 2021** – This is a current priority for the Met Council's Board under their strategic priority on sustainability. This is also a deliverable in the work plan with the Met Council and the Center Healthy Sustainable Cities to develop a VMT scenario planning tool [www.sustainablehealthycities.org/](http://www.sustainablehealthycities.org/)
- **Executive Order 19-1** One MN Equity Council and three **climate related executive orders** in 2019

**Let's also be ready to provide MN cities with easy to use on line dashboard tools** to empower city teams (staff, elected leaders, commissions) to easily see and manage their city level and community-wide actions from 2020 to 2030 to meet their resilient goals → planned actions 3 years → who (city staff, partners) is doing what, when → outcomes & impacts (building upon GreenStep Cities, B3 and Energy Star)

Let's explore using the **Insight Vision Platform** <https://www.insightformation.com/insightvision>

**Insight Vision** <https://www.insightformation.com/insightvision> (developed by a St. Paul-based social venture) is a nationally-recognized, on-line strategy management platform

**WHO CAN HELP** - GreenStep advisors and state agency, NGO and U of MN staff helping cities to develop their climate/adaptation/resilience goals strategies and action plans

- **State Agencies** – MPCA GreenSteps, Met Council, MN Dot Office of Sustainability, etc.
- **NGOS** – GPI (Brian & Abby) AforS (Sean G. & Jim Erkel), Blue Dot (Ted) CEE Partners in Energy, etc.
- **U of MN** – CERTS, Energy Transition Lab, Climate Smart Municipalities, Resilient Communities Project, Healthy, Sustainable Cities, Center for Changing Landscapes, Center for Sustainable Building Policies, MN Design Center
- **Interested cities** that have a lot of momentum
- **Interested Counties** (Hennepin, Ramsey, Washington)

## **Current Resources we can compile the sample strategy maps for cities**

- **GreenStep City Best practices** [www.mngreensteps.org](http://www.mngreensteps.org) and **Equity Analysis** to dovetail with Ex. Order 19-1
- **Greensteps Ordinance directory** <https://greenstep.pca.state.mn.us/page/ordinances>
- **Legislative requirement** for the MN EQB to updated model sustainable development ordinances for MN cities every ten years. <https://www.eqb.state.mn.us/sustainable-development-act-1996>
- **EQB CSEO and Adaptation reports** – categories for action [www.eqb.state.mn.us/content/climate-change](http://www.eqb.state.mn.us/content/climate-change)
- **LoGoPEP energy scenario planning wedge tools** <https://www.regionalindicatorsmn.com/energy-planning>
- **Partners in Energy** [https://www.xcelenergy.com/working\\_with\\_us/municipalities/partners\\_in\\_energy](https://www.xcelenergy.com/working_with_us/municipalities/partners_in_energy)
- **MNDOT low carbon pathways Study** <http://www.dot.state.mn.us/sustainability/pathways.html>
- **U of MN 2008 Study low carbon transportation strategies for MN**  
<http://www.cts.umn.edu/Publications/ResearchReports/reportdetail.html?id=1626>
- **New EV resources for cities from GPI** <https://www.driveelectricmn.org/communities/>
- **Resilient Cities and Communities Coalition (RCCC)** Cities teaming up by county to implement their energy/ climate/resilience action plans together in partnership with County staff and NGO topic advisors  
[www.allianceforsustainability.com/resilientcities](http://www.allianceforsustainability.com/resilientcities)
- **Planning for Resilient Cities Workshop Resources** Thursday, June 20, 2019, Roseville  
<http://allianceforsustainability.com/resilientcities-ResourceGuide> [June20ProgramResilientCitiesResources\\_Final](#)
  - [HighImpact Policy Options for Low-Carbon Cities1](#) (developed by Phil Muessig)
- **Met Council 2040** – resilience <https://metro council.org/Handbook/Plan-Elements/Resilience.aspx>
  - **Climate Vulnerability Assessment** tools (heat maps, flooding, <https://metro council.org/CVA>)

## Let's Create Sample Strategy Maps for Cities to Achieve Their Climate & Resilience Goals

### National Studies



**Regional Collaboratives for Climate Change — A State of the Art**, April - 2019. Institute for Sustainable Communities. The report was created with support from the Kresge Foundation. <http://us.sustain.org>

**Essential Capacities for Urban Climate Adaptation: A Framework for Cities**, March 2017, developed by Innovation Network for Communities for the Summit Foundation by Peter Plastrik <http://lifeaftercarbon.net>

Let's also be ready to provide MN cities with easy to use on line dashboard tools to empower city teams (staff, elected leaders, commissions) to easily see and manage their city level and community-wide actions from 2020 to 2030 to meet their resilient goals → planned actions 3 years → who (city staff, partners) is doing what, when → outcomes & impacts

**Tracking Actions and Outcomes within City Operations** - In 2020 the **Office of Enterprise Sustainability**

<https://mn.gov/admin/government/sustainability/> will provide MN cities access to their new project management/results dashboard tool that is now being tested by state agencies

**Tracking Community-wide Actions and Outcomes** – let's find one or more tools to make it easier for city staff, elected leaders and commission volunteers to track actions and progress to achieve **community wide GHG reductions** (buildings, transportation, energy supply, etc.) over the **next 10 years**. Ideally the Met Council would provide cities their GHG data, sample strategies to reduce GHG and a simple tool to track actions and progress.

- **High level goals** – where do we want to get to – low carbon electricity, buildings, transportation
- **Sample strategy maps** that cities can modify with the
- **Stakeholder & strategy management** - who (city staff, partners) is doing what, when
- **Indicator Dashboard** - annually updated city-wide GHG to be provided by the met council

Let's explore using the **Insight Vision Platform** <https://www.insightformation.com/insightvision>

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**Minnesota coalitions** that are beginning to use this shared strategy & implementation management platform

- **Project Got Your Back** The use of InsightVision has been licensed by the Minnesota Veterans & Military Exchange ([www.mnme.us](http://www.mnme.us)), is a not-profit coalition operating under Project Got Your Back. They are now building out the strategy maps, so deployment is in early stages. <https://projectgotyourback.org/about-us/>
- **Launch MN** is exploring with Collectivity about using this platform <http://www.launchminnesota.org/>

### EQB WORK PLAN 2019-2020 Goal #6. Foster local sustainability actions by coordinating support to local governments

- **Support GreenStep Cities/ Tribal Nations work and related initiatives that advance local climate and sustainability action**
  - o Proposal for enhancing GreenStep Cities to accelerate progress on statewide climate & sustainability goals
  - o Increased implementation of high impact best practice actions for greenhouse gas mitigation consistent with statewide goals, as well as other sustainability best practices
- **Lead interagency team to inventory enterprise-wide efforts that support local climate action consistent with state goals**
  - o Accelerated progress on statewide climate & sustainability goals through expanded state-local collaboration



# Resilient Cities and Communities Coalition

Cities and communities collaborating to achieve (and live) a resilient future.

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In 2020 we are supporting leaders from 50+ cities to launch our **Resilient Cities and Communities Coalition** to collaborate to achieve their 2030 climate, energy & resilience goals together through



**Goal 1: Innovating Solutions** - Supporting cities and communities in addressing their self-identified needs, challenges and opportunities for resilience

**Goal 2: Collaborating for Impact** - Convening cities to learn from each other, share best practices and collaborate to leverage resources and further each of their own efforts while creating (advancing?) proven, (effective) win-win-win solutions that accelerate and scale our impact together.



**Goal 3: Engaging Community Stakeholders** - Helping establish and mentor sustainability commissions in working with their cities and communities and partnering with residents, businesses and institutions in practicing and achieving community-wide resilience.

**Goal 4: Shaping Public Policy** - Cities and communities advocating together for state policies needed to accelerate local resilience.

**Goal 5: Modeling Resilience** - Modeling resilience to catalyze change regionally, nationally and globally



## Gatherings for Environmental Commission Volunteers

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<http://allianceforsustainability.com/jan22hennepincommissions/>

**April 2020 – statewide gathering for city environmental commissions**



**Planning for Resilient Cities Workshops** – five hundred city staff, elected leaders and/or commission volunteers from more than 50 cities and 7 counties (metro and statewide) participated in our workshops from 2016 to 2019 accessing easy to use resources to include energy and resilience goals and strategies in their updated comprehensive plans. Through our support 30 cities have now included energy and resilience goals in their new 2040 Comprehensive Plans and are looking to the Alliance for resources to meet these goals.

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**City Manager, Morris, MN**

*Clean energy is non-partisan. It's about creating resilient cities and saving taxpayers money. It's about renewing our infrastructure while creating good careers. It's about protecting our air, water and soil for future generations.*