

CITY OF ST. LOUIS CLIMATE PROTECTION INITIATIVE

HOW DID WE GET HERE?

There are numerous City climate protection plans, projects and initiatives that are helping make St. Louis a cleaner, healthier, greener and more sustainable place to live, work, learn and play. This infographic outlines the history and goals of the Climate Protection Initiative.



EECBG

2009: An Energy Efficiency and Conservation Block Grant (EECBG) of \$3.7 million was awarded to the City of St. Louis to be used for energy efficiency activities. Funds were used to start Set the PACE St. Louis, the Energy Saving St. Louis CFL distribution program, and to pilot LED street lights.



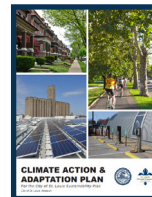
Sustainability Plan

2013: The City of St. Louis Sustainability Plan was formally adopted by the City's Planning Commission. This triple bottom line Plan was developed with input from hundreds of citizens, community groups and City department representatives, charting a sustainable course forward for the City.



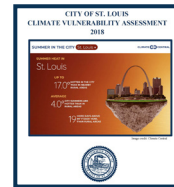
City Energy Project

2016: St. Louis received a national award from The City Energy Project. This award led to the creation of the City's energy benchmarking ordinance and program. Studies show benchmarking is an effective driver of behavioral, operational and capital improvements to building energy performance.



Climate Action & Adaptation Plan

2017: The Climate Action and Adaptation Plan was developed by the Office of Sustainability. This document takes the Sustainability Plan to the next stage, detailing strategies that will be required to achieve the City's Greenhouse Gas (GHG) reduction target.



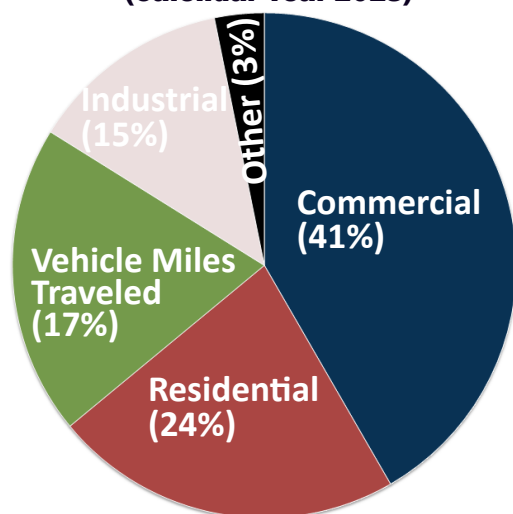
Climate Vulnerability Assessment

2018: Several health, safety, resilience and sustainability professionals collaborated in creating this document, which takes a closer look at the ways in which climate change is likely to impact vulnerable populations in St. Louis.

WHERE ARE WE NOW ?

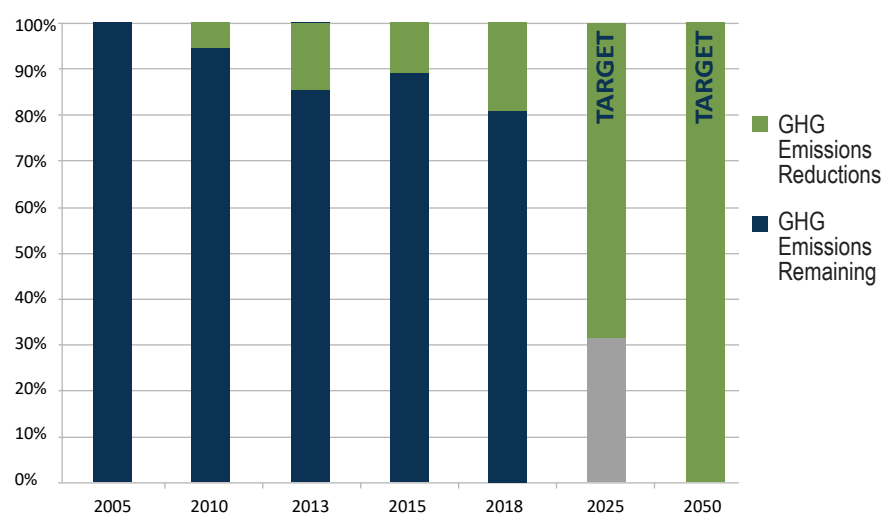


City of St. Louis Community Greenhouse Gas Emissions by Source (Calendar Year 2018)



WHERE DO WE WANT TO GO?

Community Greenhouse Gas Emissions



HOW CAN WE GET THERE?

City of St. Louis Climate Action & Adaptation Plan

This plan details objectives, strategies and actions to achieve greenhouse gas reductions. The objectives are divided into among two climate protection goals: mitigation and adaptation.

ADAPTATION

- Preserve & Enhance the Natural Environment**
 - Improve & Restore Natural Systems for Changed Conditions
- Maximize Preparedness Efforts**
 - Protect People From Temperature Extremes
 - Create a Healthy & Cool Built Environment
 - Reduce Flood Impact & Risk
- Protect Human Health & Safety**
 - Prepare for Natural Disaster

MITIGATION

- Build an Energy Efficient City**
 - Measure Progress & Equity in Climate Action Planning
 - Retrofit & Renovate Existing Built Environment for Energy Savings
 - Make Green Building the Standard Practice
 - Make Energy Efficiency Measures Affordable
- Create Equitable Access to Inter-Modal Transportation**
 - Integrate Land Use & Transportation for Healthy Compact Development
 - Reduce Congestion & Vehicle Emissions
 - Support Alternative Fuel Vehicles
 - Facilitate Alternative Commutes
- Support Community Well Being**
 - Empower the Community for a Prosperous Green Economy
 - Create Vibrant Neighborhoods that Advance Public Safety
- Protect Natural Resources & Greenspaces**
 - Restore & Regenerate Natural Systems as Carbon Sinks
 - Improve Water Efficiency
 - Reduce Waste & Consumption
- Accelerate Clean Renewable Energy**
 - Provide Cleaner More Efficient Energy Sources
 - Advance Community Scale Renewable Energy Options

American Cities Climate Challenge (ACCC)

For 2019-2020, the City is supported by Bloomberg Philanthropies to deepen and accelerate efforts to tackle climate change and promote a sustainable future for residents. The City is focusing its ACCC work on these 3 buildings and transportation strategies:

- Advance building energy efficiency,
- Promote renewable energy and
- Support vehicle electrification.

THE ST. LOUIS CLIMATE HANDPRINT

The St. Louis Climate Handprint focuses on the ways individuals can positively impact the environment through climate actions, at home and at work. The Climate Handprint recommends a range of "Good = Better = Best" strategies for each of the mitigation objectives in the Climate Action & Adaptation Plan. Listed below are some examples:

Take Climate Action at Home:

- Conduct a home energy audit.
- Install a solar water heater.
- Compost your food and yard waste.
- Install a low-flow showerhead.

Take Climate Action at Work:

- Set personal computers and laptops to an "Energy Saver" mode with timed screensavers and automatic brightness controls.
- Participate in the St. Louis Green Business Challenge.
- Go paperless using electronic recording keeping and electronic billing.



To learn more about the St. Louis Climate Handprint, visit : stlouis-mo.gov/sustainability

CREDITS & MORE INFORMATION

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For more information on the Climate Protection Initiative visit: stlouis-mo.gov/sustainability

