



REGIONAL INDICATORS INITIATIVE

Data for Local Action: Clean Energy

Becky Alexander, LHB Inc.

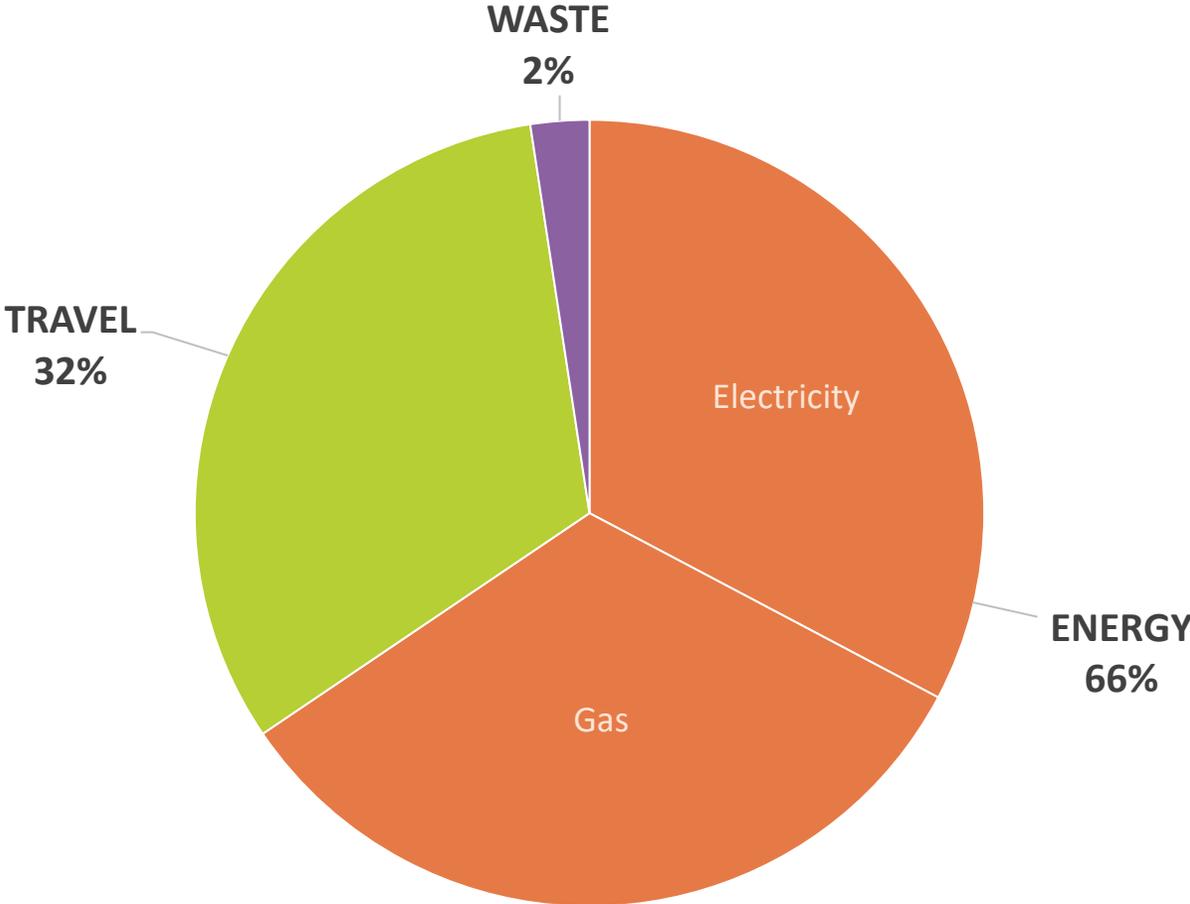
These slides include data from an analysis of the cities included in the Regional Indicators Initiative – a program that tracks citywide performance metrics for Minnesota cities. More information – including city-specific data – can be found at the program’s website.





GREENHOUSE GAS EMISSIONS

2020 – TOTAL FOR 31 CITIES



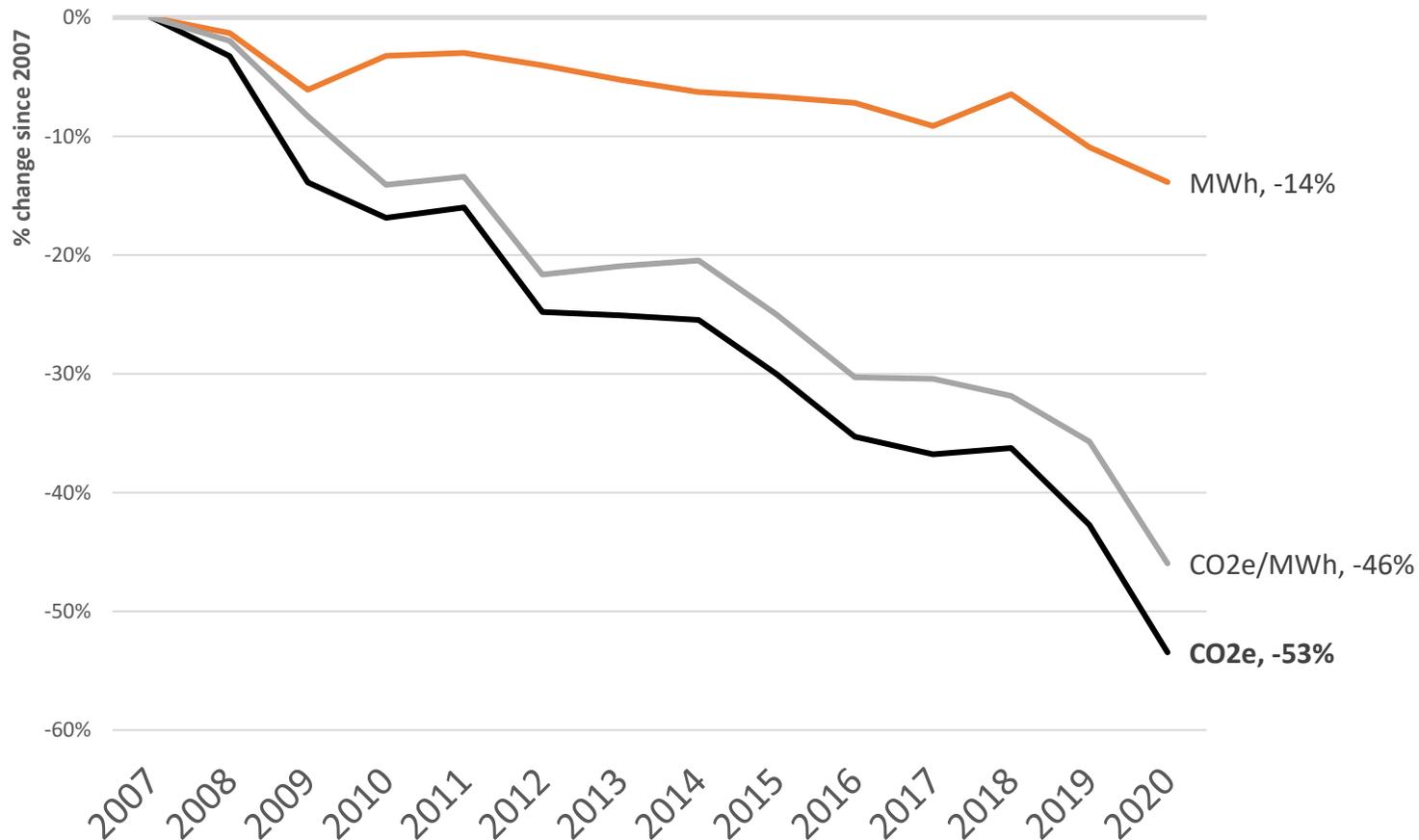
Non-travel energy is the largest contributor to community-wide emissions.

Focus efforts there.



ELECTRICITY

TOTAL – 18 CITIES



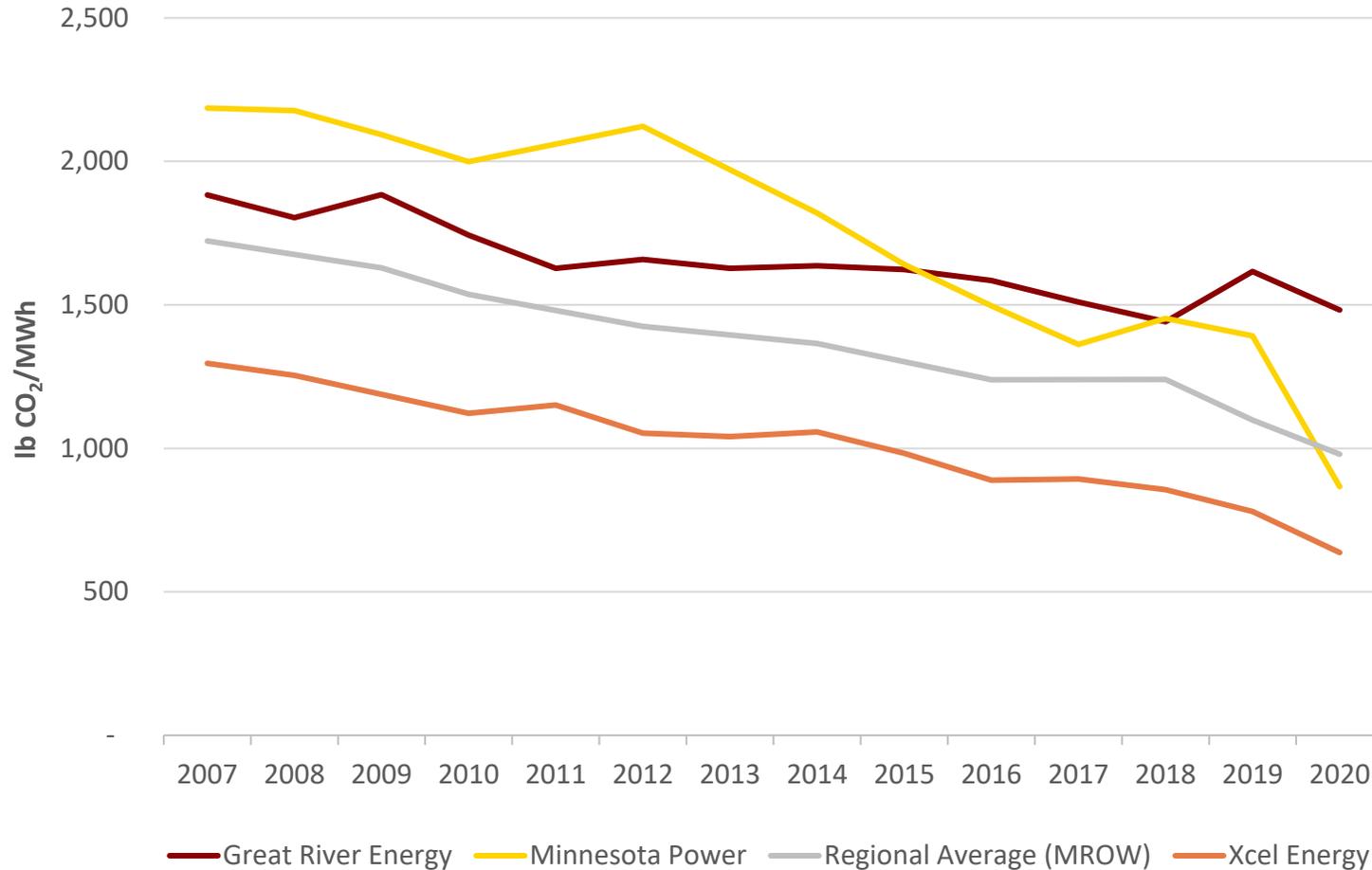
Electricity emissions decreased due to using **less electricity** and using cleaner generation sources.

Both policy and local actions make a difference.



ELECTRICITY EMISSIONS FACTORS

MINNESOTA UTILITIES



Clean energy adoption varies across the state.

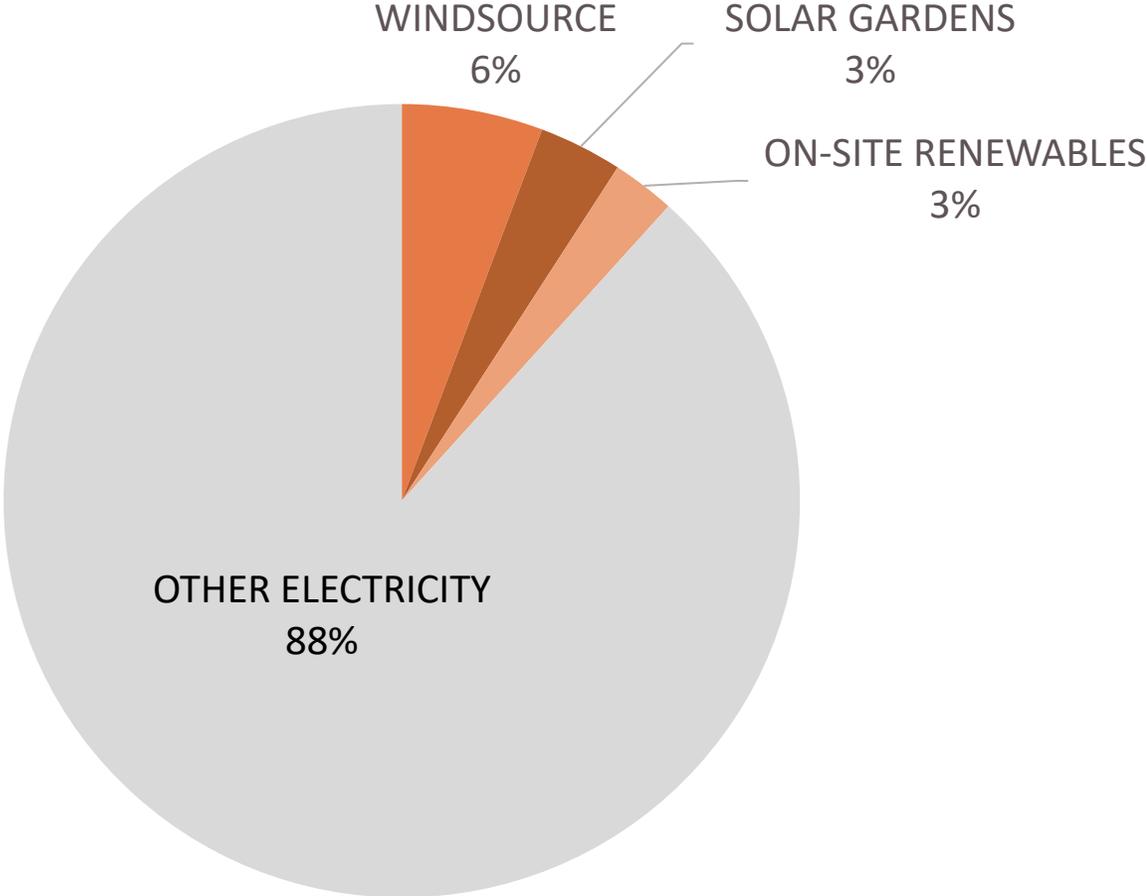
If your electricity is carbon-intensive, invest in and advocate for renewable energy.

Check out utility integrated resource plans for future projections.



RENEWABLE ELECTRICITY

NORTHFIELD – 2017



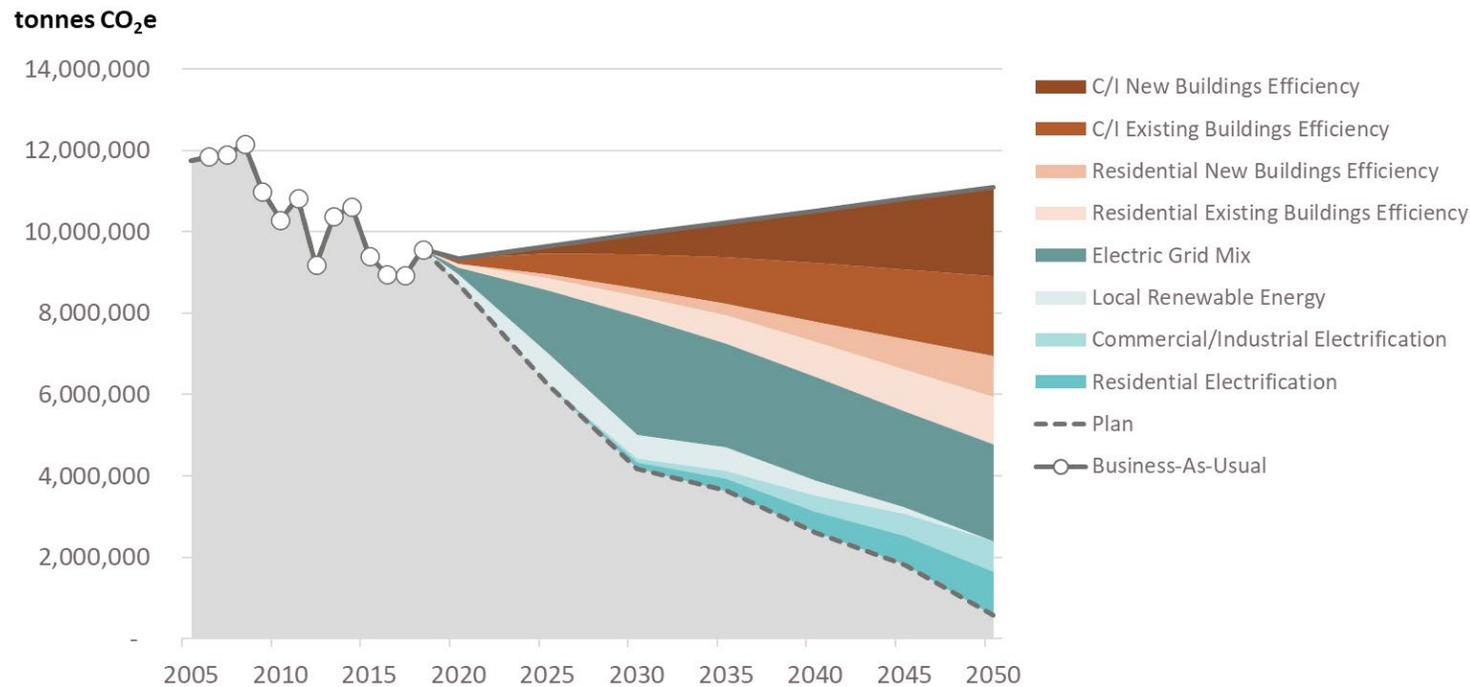
Grid decarbonization is driven in part by local action.

Local actions make a difference.



SCENARIO PLANNING

BUILDING ENERGY STRATEGIES | HENNEPIN COUNTY



Utilities are key partners in this work.

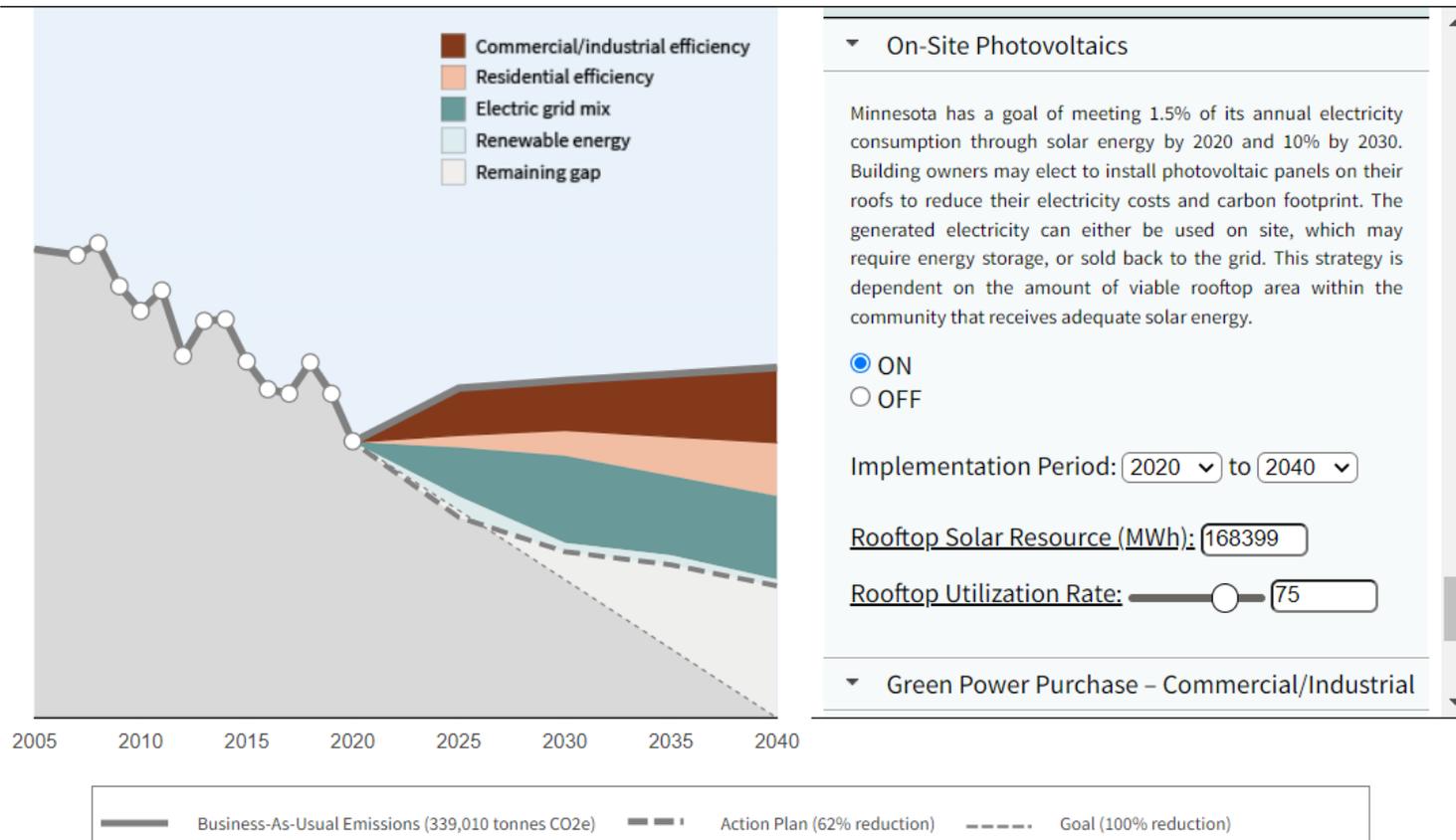
Local renewables can help reduce community-wide emissions if done quickly and at a large scale.

Graph shows potential impact of various strategies on business-as-usual energy emissions from all building types in Hennepin County. Modeled clean energy strategies include Xcel Energy's carbon-free electricity goal by 2050, meeting 10% of the county's electricity loads with local renewables by 2030, and meeting the carbon-free electricity by 2030 goals of Minneapolis and St. Louis Park for the electricity used in those cities.

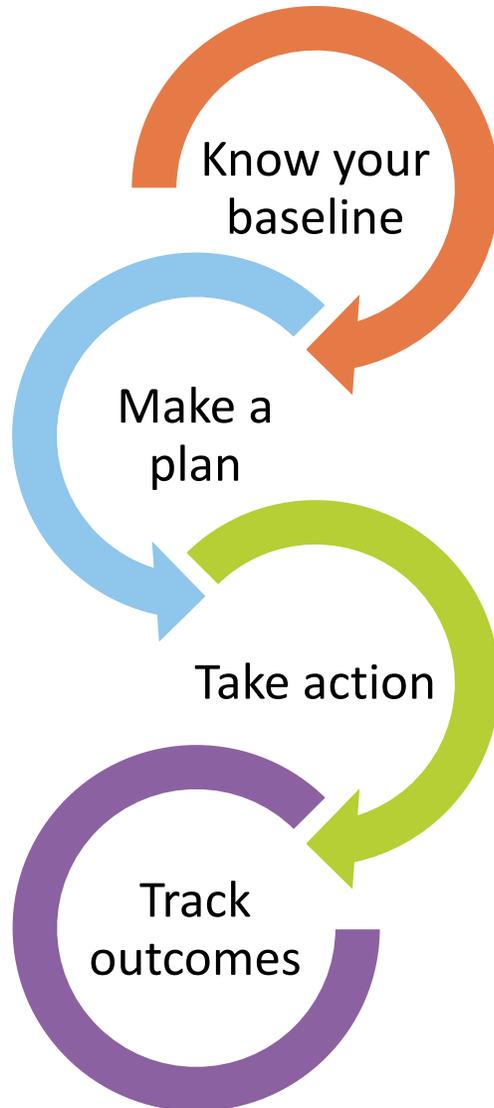


SCENARIO PLANNING

REGIONAL INDICATORS INITIATIVE WEDGE TOOL



Explore the impacts of clean energy strategies using the Regional Indicators Initiative Wedge Tool.



LEARN MORE

RegionalIndicatorsMN.com

QUESTIONS?

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