



CITY OF RED WING

CLIMATE ACTION WORK PLAN

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Where did the idea come from?



**RED WING 2040
COMMUNITY PLAN**

**Sustainable. Healthy.
Accessible. Resilient.
Equitable.**

So all of Red Wing can thrive.
February 25, 2019

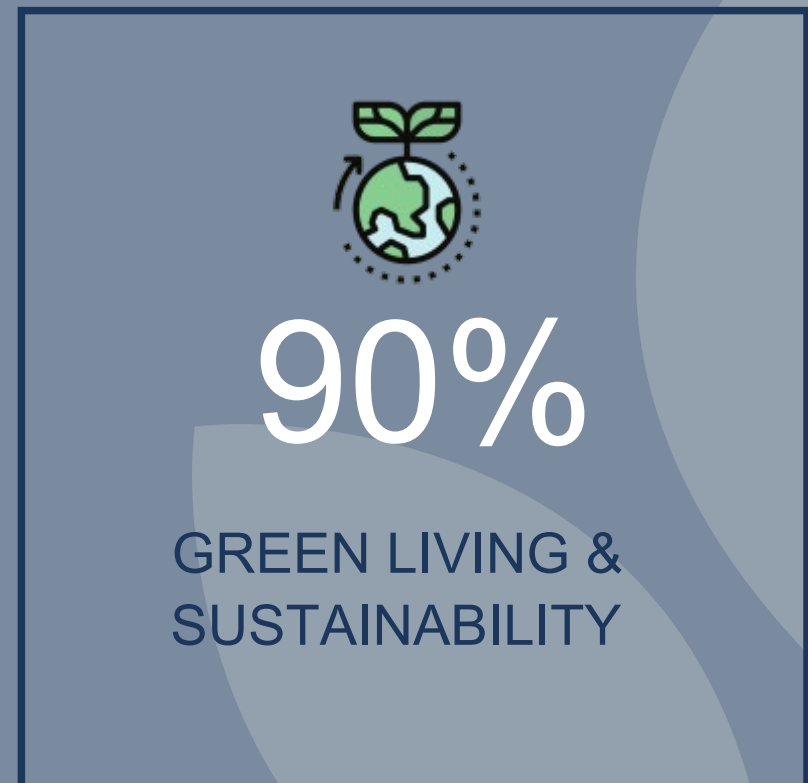
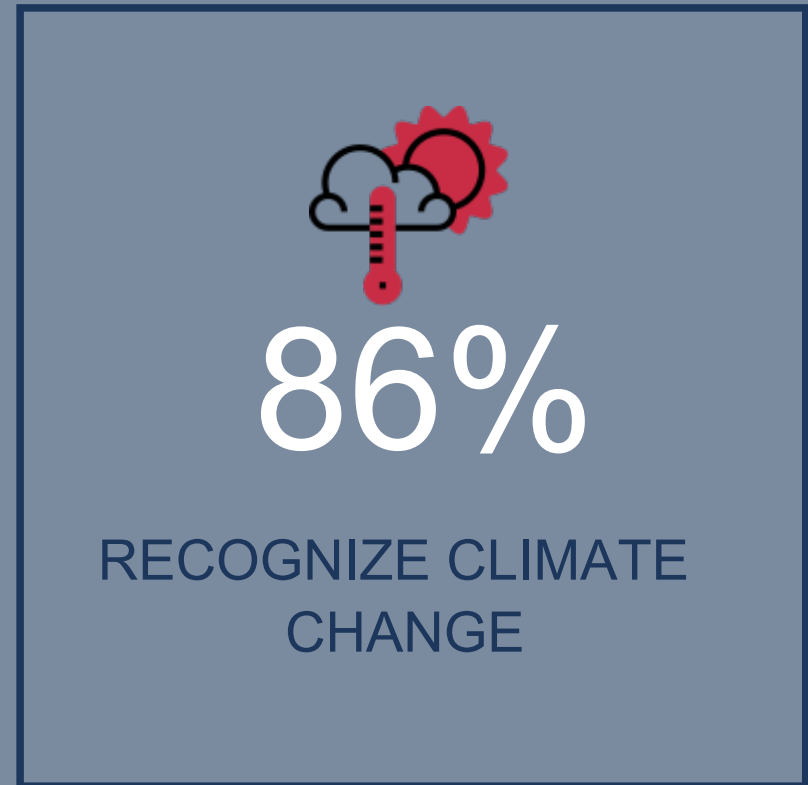


City of
RED WING

Red Wing 2040 Community Plan

- 20-year plan that lays out high-level goals for the entire community.
- Acts as the city's comprehensive plan from which all other plans flow.
- Goals came from a two year process of listening to the community and learning what residents want for the future of Red Wing.

Recognizing climate change



City Planning

RW 2040: Environment Goals

Goals, Strategies, and Actions

Goal 3.A: Establish climate action plan

Strategy 3.A.1: Reduce CO₂ and other toxic gases by 80 percent on or before year 2040

- » Develop and implement an ongoing public information campaign about climate change.
- » Continue to highlight sustainability initiatives and opportunities through expanded communication efforts and the annual Earth Day celebration.
- » Achieve 50 percent of local vehicle use with either electric or non-or low-carbon fuels; and 100 percent low-carbon vehicles use for the city, other public entities, and corporate fleets by 2030.
- » Achieve 100 percent renewable electric energy for residential /commercial use by 2040.
- » Achieve 100 percent of the city's total municipal electricity consumption from solar by 2020.
- » Encourage resident participation in renewable energy incentive programs.
- » Reduce energy consumption in large and medium size commercial and industrial buildings by 30 percent by 2030.
- » Reduce energy consumption in residential buildings by 35 percent by 2030.
- » Continue participation in the Minnesota Green Steps Cities program.

2019 Strategic

The Environment: *We recognize the value of nature and we commit to being a role model in minimizing environmental impacts while leaving a sustainable legacy.*

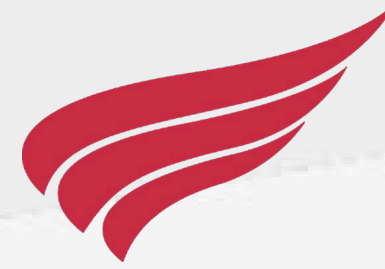
14. **Establish a Climate Action Plan** that encompasses specific ways our city can have an impact on this global issue. The plan will include local climate policies, objectives, and metrics within our control.

2020 Sustainability Commission Work

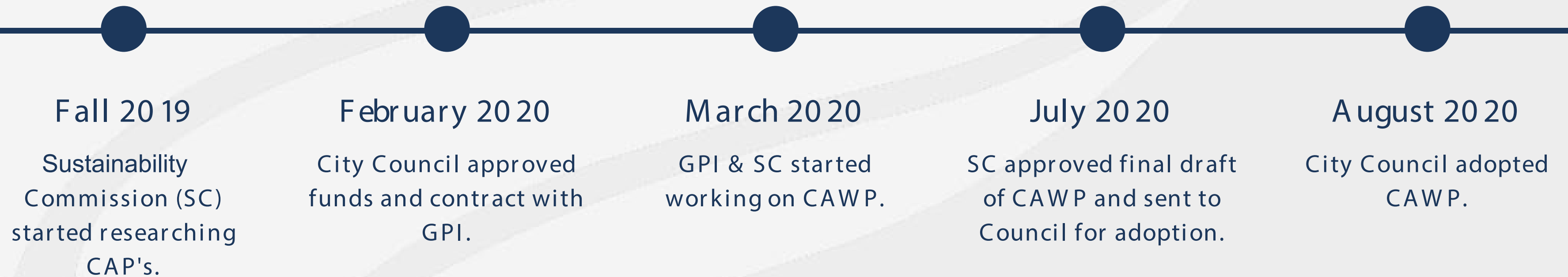
Plan

Sustainability Commission Work Plan 2020

1. City Council Assignments
 - a. Complete Climate Action Work Plan.
 - b. Provide recommendation to Council on the following:
 - i. Chicken Ordinance – *in progress*
 - ii. Beekeeping Ordinance
 - iii. Stretch Zoning
 - c. Solar Savings Fund
 - i. Develop administrative guidelines for how funds are utilized and approved.
2. Transportation, Electric Vehicles & Infrastructure
 - a. Develop plan for the life after DCFC Pilot.
 - b. Install (2) Level 2 Charging Stations in City Studebaker Parking Ramp.
 - c. Work with City to plan and procure EV Fleet vehicles.
 - d. Encourage Hiawatha Transit to convert to Electric.
 - e. Expansion of Hiawatha Transit to Twin Cities/Rochester



How long did it take?



Climate action work plan

- 5-year Work Plan
- Short-term actions to get started toward 80% carbon reduction by 2040
- Achievable initiatives within time -frame
- Goal to reduce emissions 9% over 5 years (21% with consideration of Xcel grid improvements and building code updates)
- 5 strategies, 13 initiatives



Thank
you!