



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

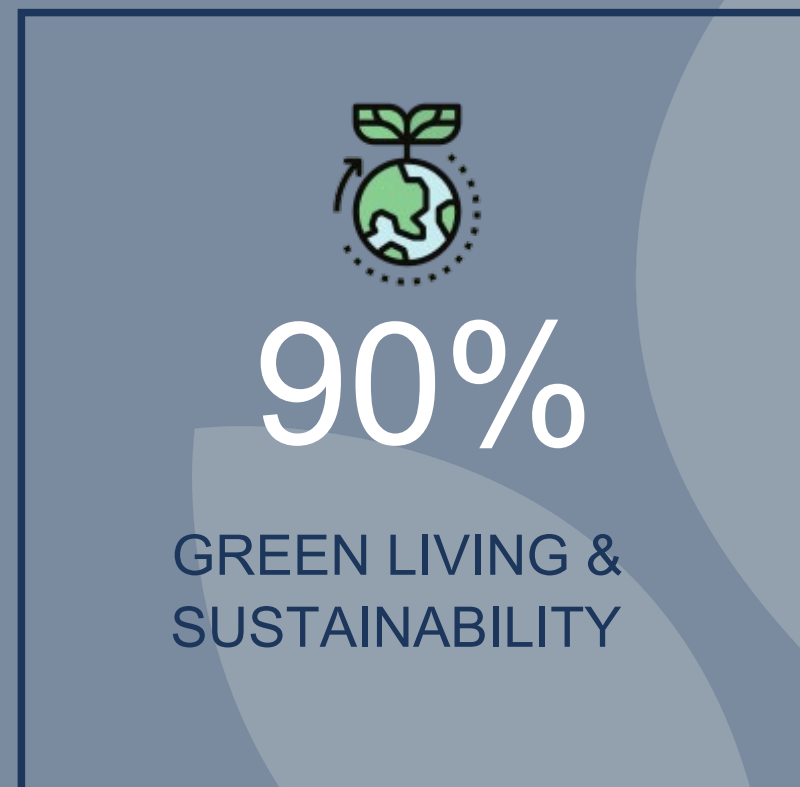
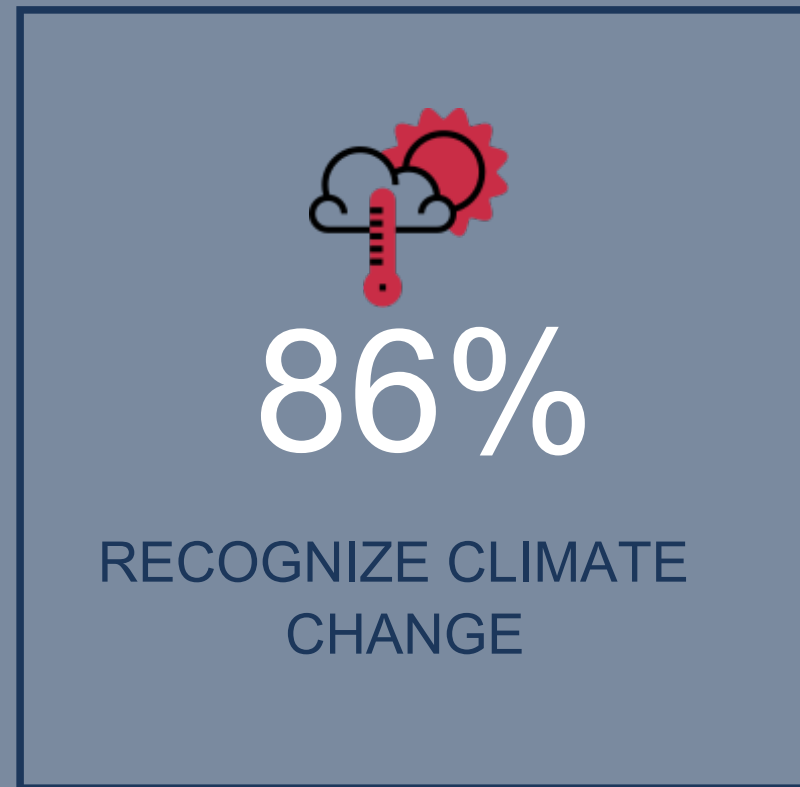
City of  
**RED WING**

## 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 CO<sub>2</sub> 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.*

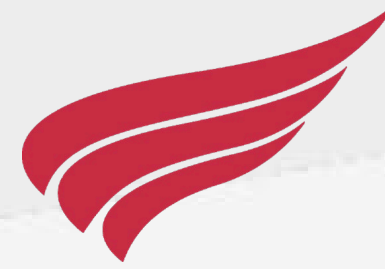
14. **Establish a Climate Action Plan** that encompasses specific ways our city can have an impact on this global issue. The plan will include local climate policies, objectives, and metrics within our control.

## 2020 Sustainability Commission Work

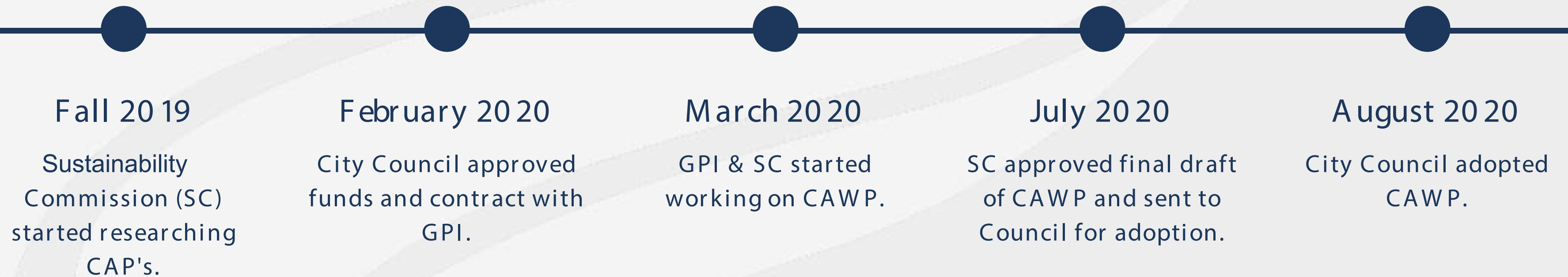
### Plan

#### 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!