



Lotus Engineering & Sustainability Climate & Sustainability Action Plan Development

Erie Town Council

Jan. 28, 2025

Eryka Thorley, Sustainability Manager



Agenda

1. Project Background
2. Erie's Sustainability Vision
3. Timeline & Implementation
4. Questions & Discussion

Project Background

- 2019 Sustainability Plan
 - Committed to updating every 5 years
- 2023 – completed 2021 GHG Inventory
- Home Rule Charter Commission: 23-01
 - *"We recognize that Erie's history, character, and resources require a government that is dedicated to local control, sustainability, and the preservation of our natural environment".*
- 2024 – completed 2023 GHG Inventory
- 2024 – Comprehensive Plan adoption
 - Committed to Climate Action Plan and updating Sustainability Plan

N1 Plan for a sustainable future.

N.1.1 ESTABLISH A CLIMATE ACTION PLAN FOR THE TOWN.

Working with Town staff and supporting organizations, create a Climate Action Plan based on the Green House Gas inventories that are collected and updated every two years.



N.1.2 REVIEW AND UPDATE THE SUSTAINABILITY PLAN FOR THE TOWN.

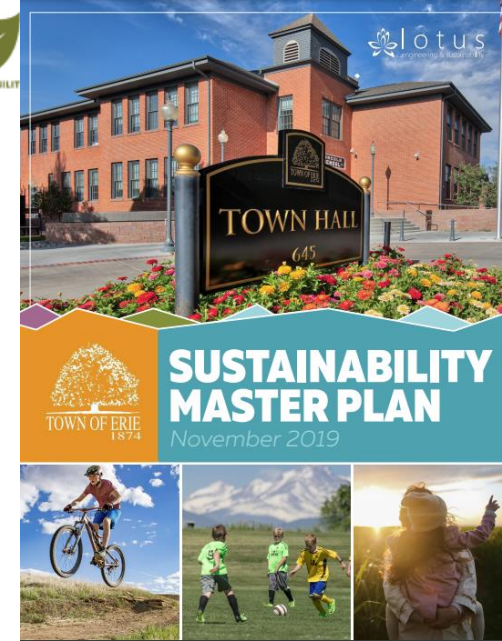
Update the Sustainability Plan every five years to ensure goals and policies reflect the community's desires and address current environmental issues. Work with the development community to educate and increase sustainable development measures and building design..



N.1.5
PRA
BUIL
EXIS
Prior
streny
requi
techn
build



N.1.6
INVE
Routi
are fo





Erie's Sustainability Vision

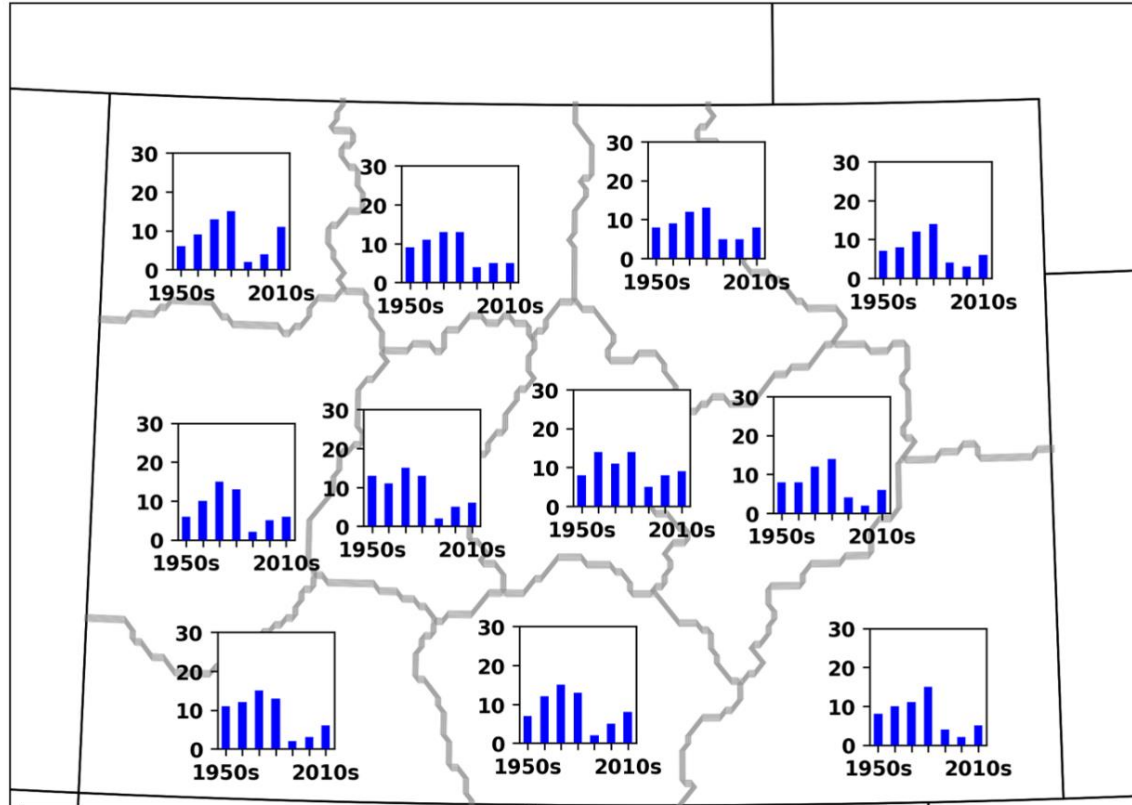
ERIE'S SUSTAINABILITY VISION

As the Town of Erie grows and expands, we will become a leader in sustainability by providing outreach and leadership alongside inclusive and accessible opportunities that support the growth of our economy and engage the community while protecting our natural environment.

- "As the Town of Erie grows and expands, we will become a leader in sustainability by providing outreach and leadership alongside inclusive and accessible opportunities that support the growth of our economy and engage the community while protecting our natural environment".
- 2023 Community Survey: “Nearly all residents agree on three top priorities for the Town: maintaining a fiscally responsible budget in municipal government (97%), carefully managing growth and development in Erie (96%), and protecting natural resources, open spaces, and trails (94%).

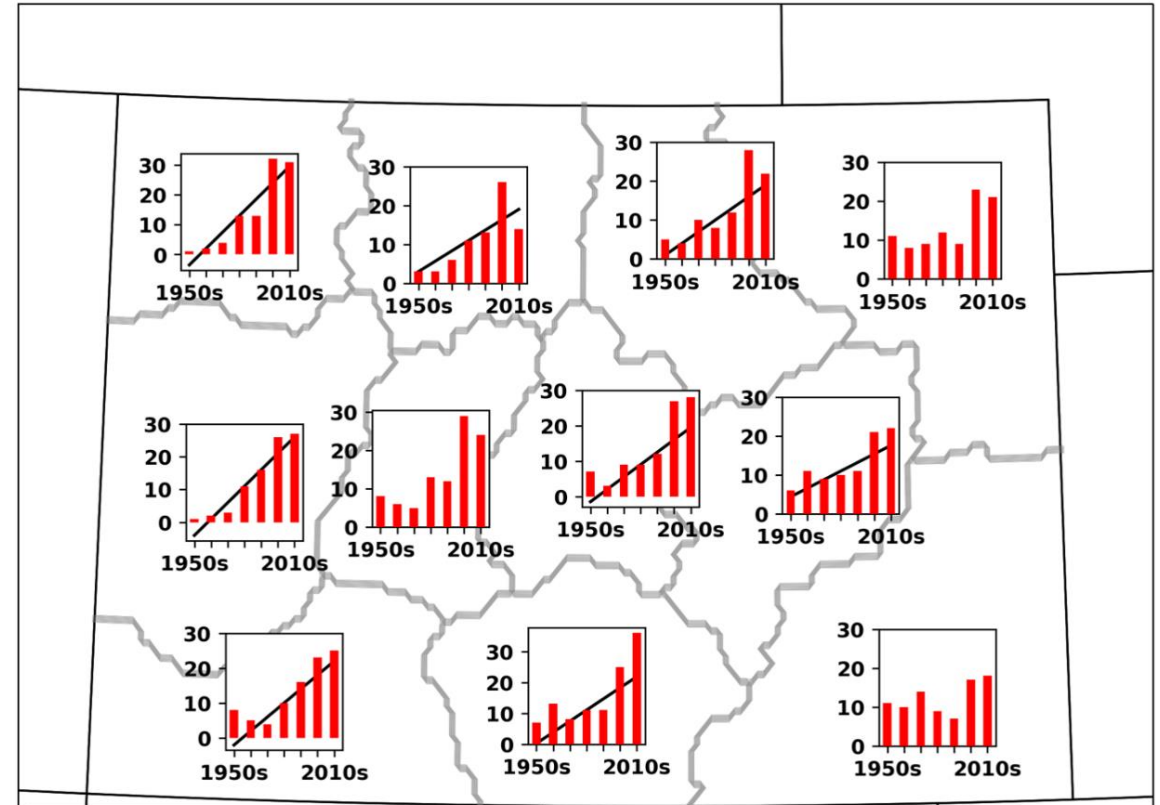
Climate Impacts in Colorado

number of 4-day cold waves per decade, 1951-2020



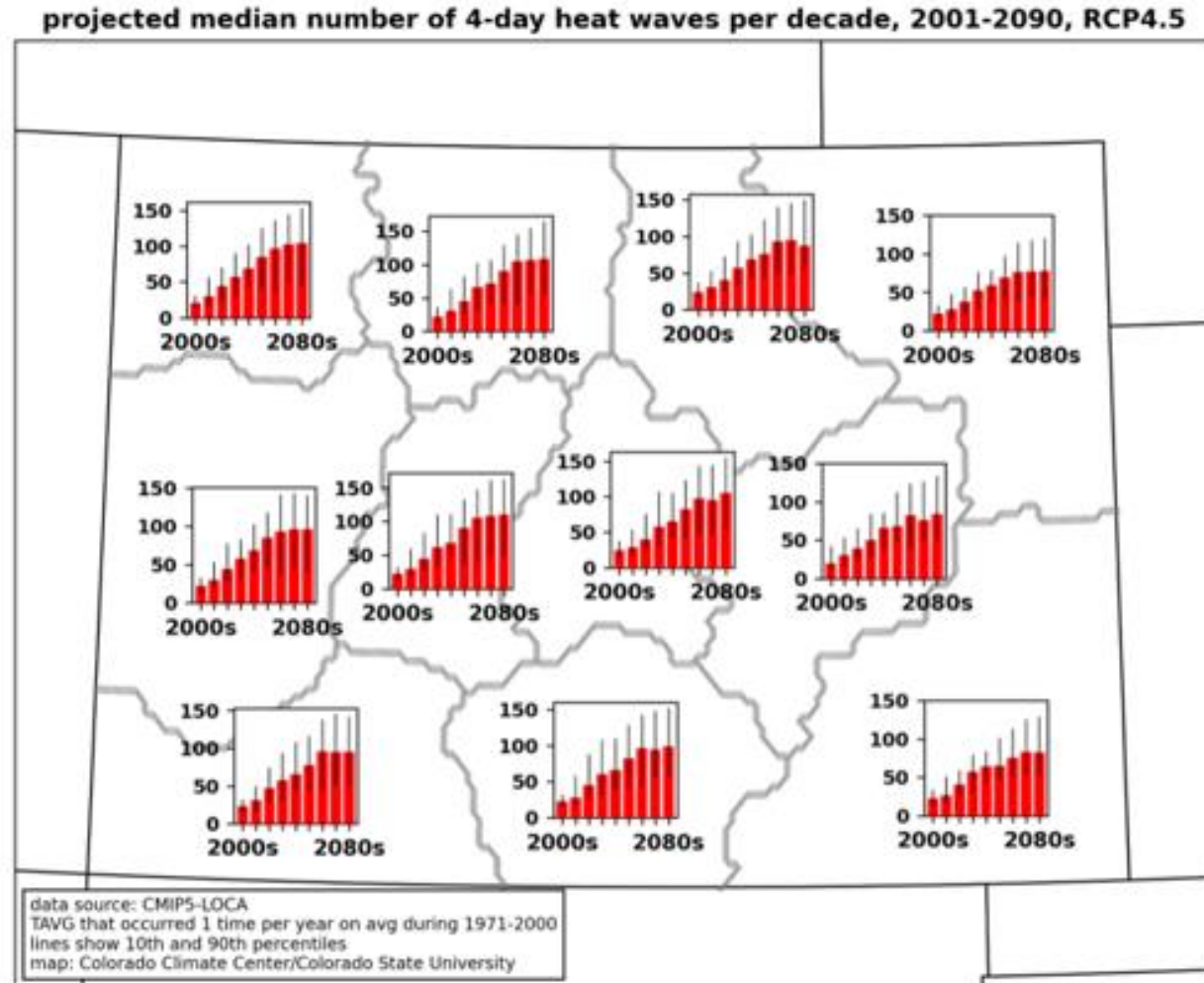
data source: NOAA/NCEI nClimGrid-daily
TAVG that occurred 1 time per year on avg during 1971-2000
trend line shown if Mann-Kendall test is significant at 95%
map: Colorado Climate Center/Colorado State University

number of 4-day heat waves per decade, 1951-2020



data source: NOAA/NCEI nClimGrid-daily
TAVG that occurred 1 time per year on avg during 1971-2000
trend line shown if Mann-Kendall test is significant at 95%
map: Colorado Climate Center/Colorado State University

Future Climate Impacts in Colorado





Timeline & Implementation

- Council sign contract with Lotus Engineering & Sustainability
- Launch plan development early February 2025
- Begin community, staff and stakeholder engagement and outreach - spring 2025
- Draft plan available for feedback
- Present plan to Council in Nov/Dec 2025
 - Council adoption late 2025
- Implementation 2026-2031



Questions & Discussion