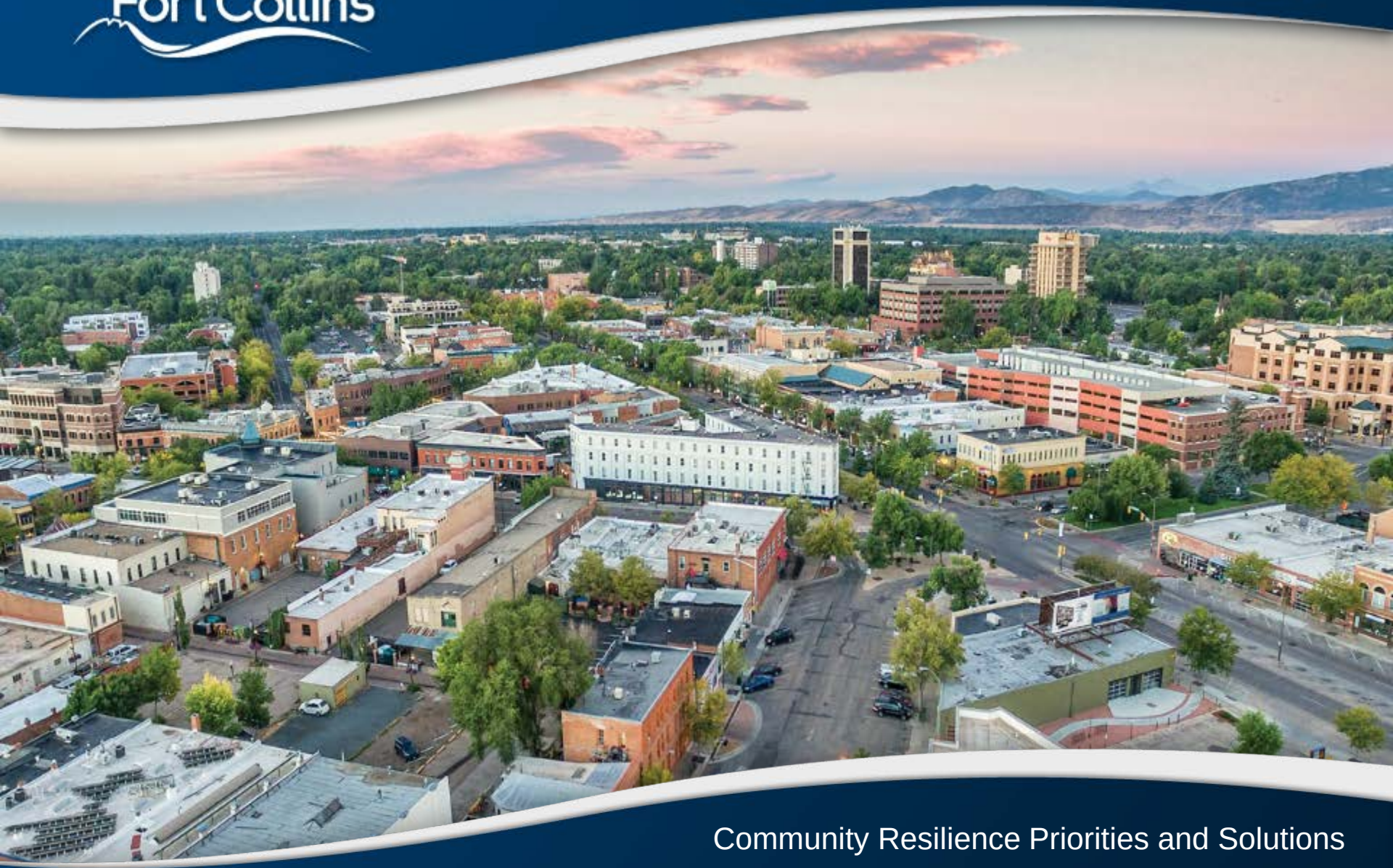
City of Fort Collins

10/26/2018



Community Resilience Priorities and Solutions

Gerry Horak, Mayor Pro Tem

OUTLINE

- Background—How Did We Get Here?
- Lessons Learned From The Past
- Collaborative Efforts
- Resiliency in Fort Collins
- Key Takeaways

BACKGROUND —How Did We Get Here?

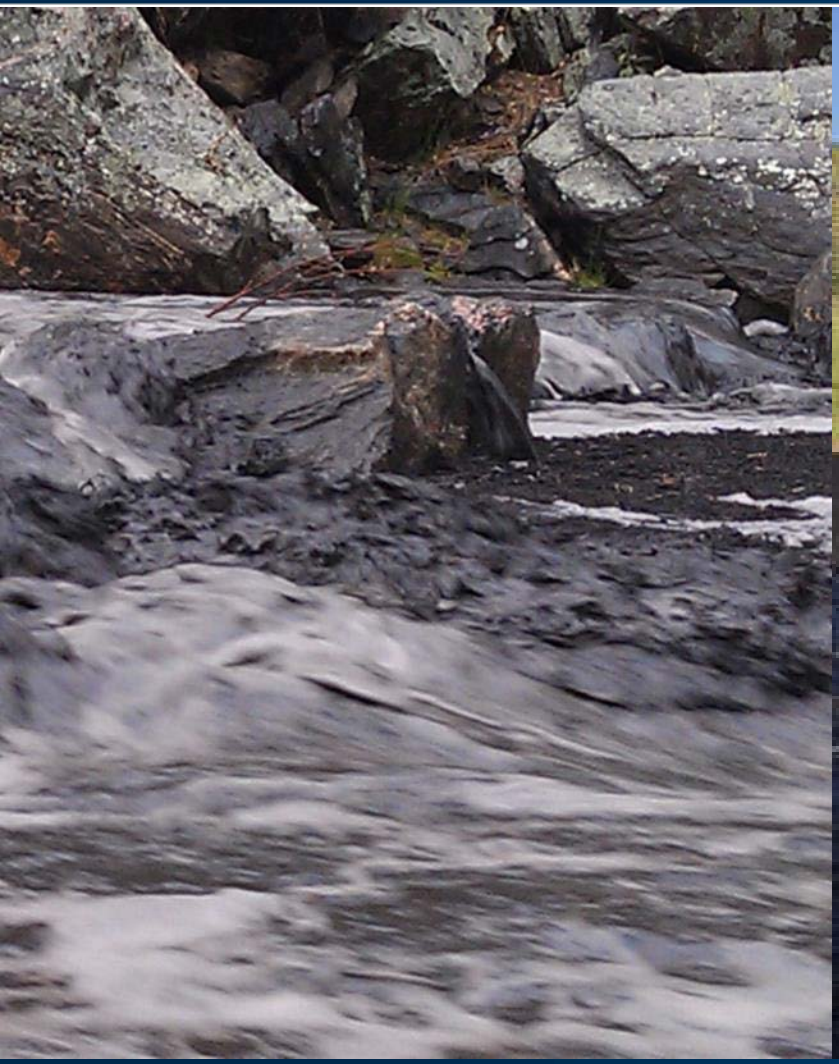
- History of Emergency Management in the City
- Collaborative Planning Efforts
- Climate Action Planning

Lessons Learned from the Past:

1997 FLOOD

Lessons Learned from the Past:

HIGH PARK FIRE



CLIMATE HAZARDS FACING FORT COLLINS

FOREST STRESS

INCREASE IN SEVERE STORMS

INFECTIOUS DISEASE

DECLINING WATER QUALITY

WILDFIRES

EXTREME TEMPERATURES

DECLINING WATER AVAILABILITY

HIGH → **VERY HIGH**

LEVEL OF SEVERITY OF POTENTIAL IMPACT

95+ Degree Days in Fort Collins Per Year

According to Current Projections*c

1961-1999
2.9 days

1999-2013
8.8 days
(303% increase)

2046-2065
17 days
(586% increase)

2081-2100
38 days
(1,310% increase)

*2013 RMCO Fort Collins Extreme Heat Study

COLLABORATIVE EFFORTS

- Larimer County Resiliency Framework
- Larimer County Hazard Mitigation Plan
- Fort Collins/Larimer County Regional Resiliency Assessment Program

NIST
Regional Resiliency Assessment Program

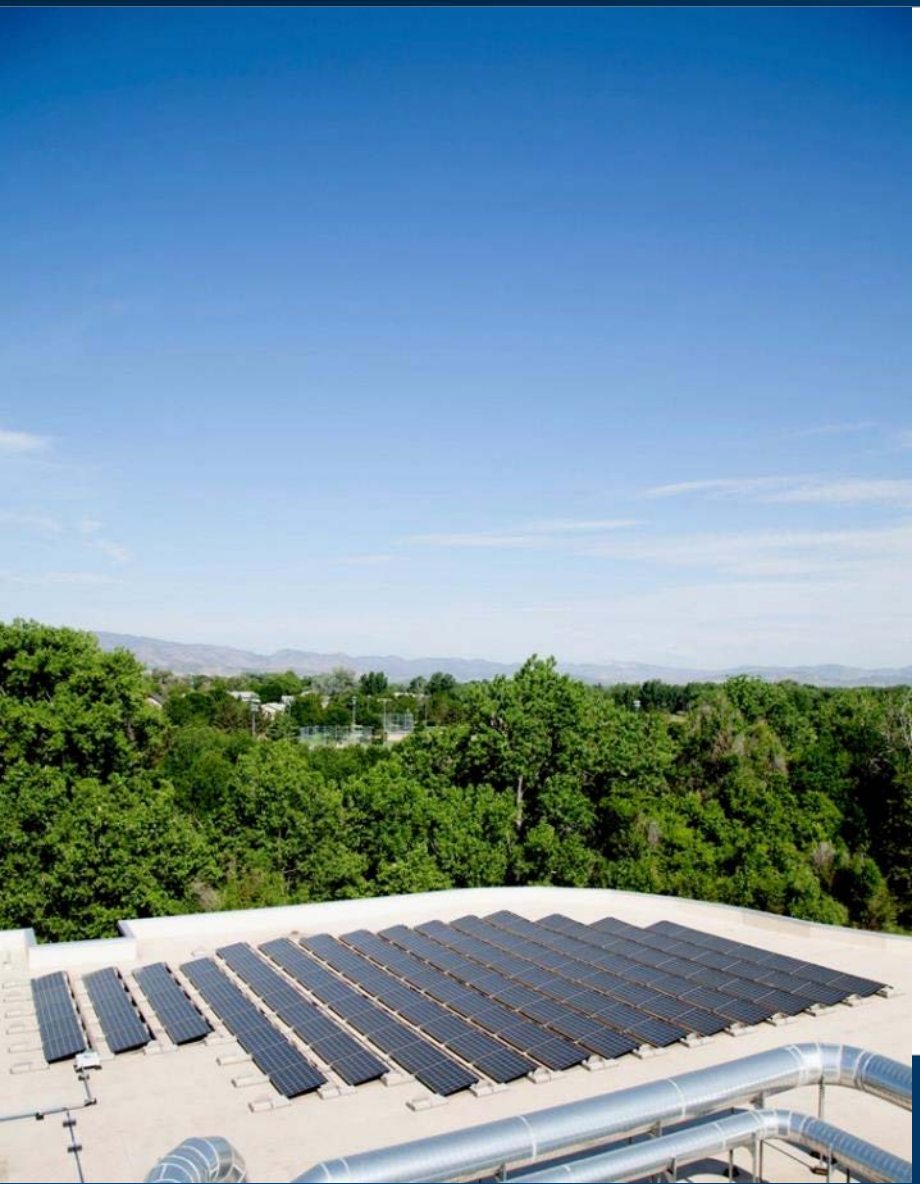
1. Form a collaborative planning team
2. Understand the situation
   - Social dimensions
   - Built environment
3. Determine goals and objectives
4. Plan development
5. Plan preparation, review and approval
6. Plan implementation and maintenance

BENEFITS OF COLLABORATION

- Decrease redundancy of work
- Coordinated plans and projects
- More informed about overall needs
- Cost Sharing
- Stronger regional relationships and lasting partnerships

RESILIENCY IN FORT COLLINS

- Major storm water Investments
- Highest storm water utility rates in the nation
- Results: Minimal impact of floods in 2013
- Learned importance of *proactive* and *resilient* planning



RESILIENCY IN FORT COLLINS

Electric Utility:

- Rooftop Solar
- Community Solar
- Geothermal
- Distributed Energy
- Battery Storage

KEY TAKEAWAYS

- Proactive and resilient planning
  - Create plans and build the plan
- Data-driven approaches to climate action and resiliency
- Small towns and “less resourced” communities can be resilient and sensitive to climate too!