



ASAP Living Guide to the Principles of Climate Change Adaptation- Case Study

February 23, 2022

About Kim

- As an early municipal sustainability pioneer developed 1st Climate Action Plan in Massachusetts
- Opened ICLEI- Local Governments for Sustainability's 1st Regional Office and co-led the design and pilot of the Climate Resilient Communities program
- Started KLA as a benefits corporation to walk the talk on sustainability



ABOUT



KLA Is Driven By Our Core Values

Innovation

We think outside the box to deliver effective solutions to address climate change and create a more sustainable future for all. We embrace proven best practices but apply a creative lens to our work, so we're not limited by what has already been done.

Equity

We are deliberate in ensuring our work is grounded in equity from day one because we recognize that a truly resilient sustainable future means all members of the community are able to share in the prosperity and benefits it brings.

Leadership

Strong local government leadership can make or break a sustainable future. We equip our clients with the tools and skills to navigate difficult decisions and competing priorities and create a legacy of leadership.

Authenticity

Our actions in both our personal and professional lives reflect KLA's commitment to a sustainable future. "Sustainability" is not one branch of a larger corporate entity at KLA. It is the whole tree.

Impact

Our laser focus on cities, towns and counties stems from their power to affect change. Every project we work on is designed to create a ripple effect of impact in local communities.

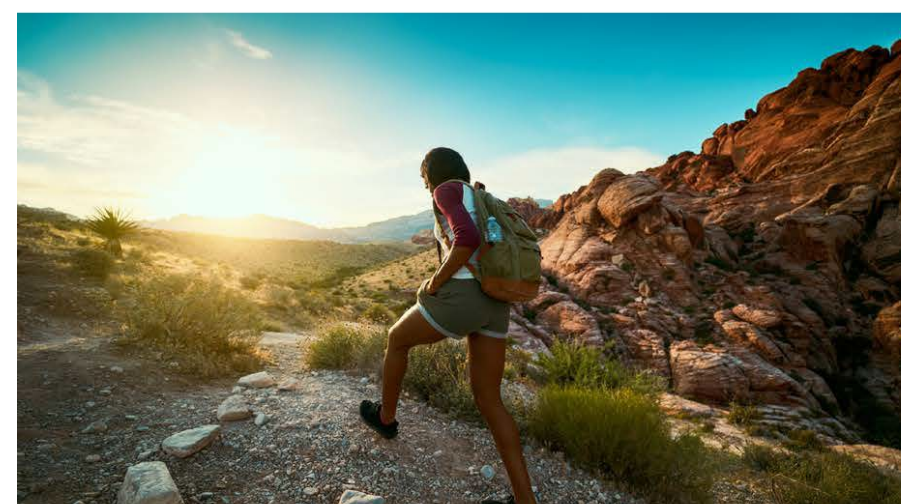


All-In Clark County

Address climate change and create a more sustainable future.

A smart, bold, inclusive approach to ensuring the well-being and prosperity of all, today and for future generations.

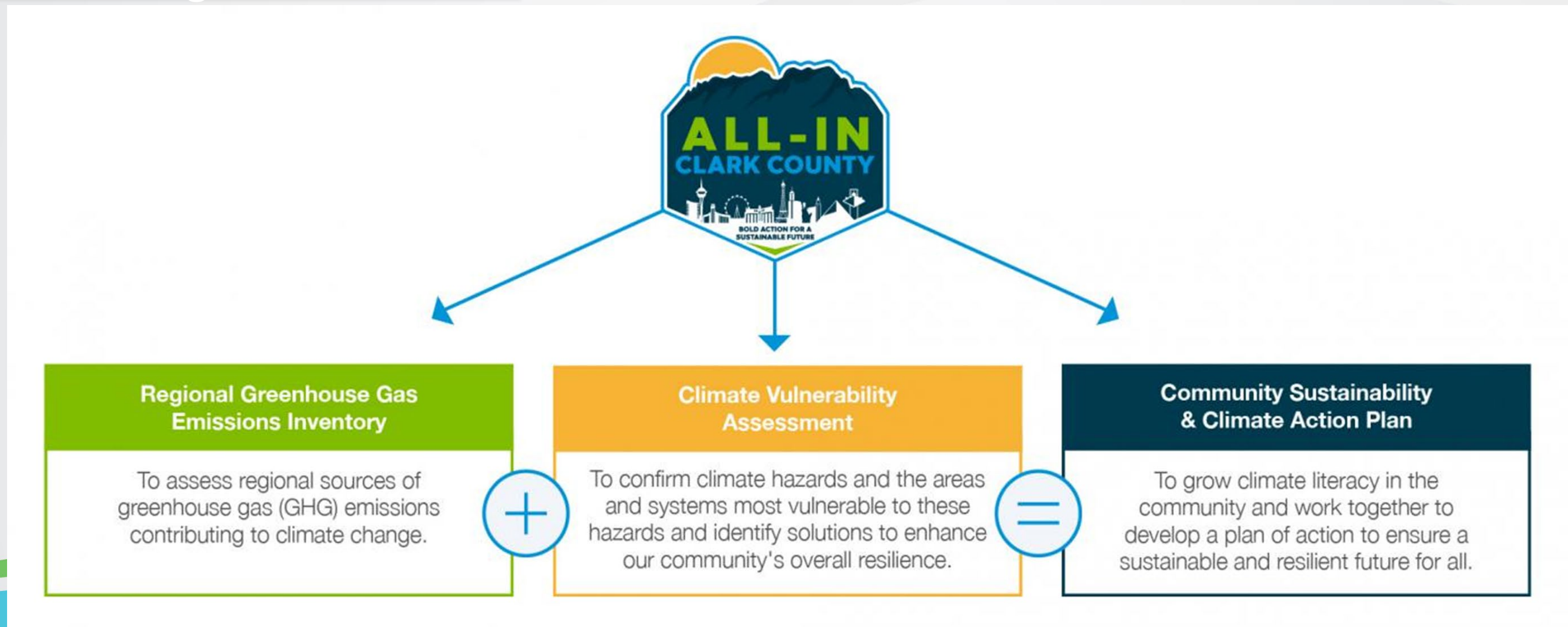
Led by Clark County Department of Environment and Sustainability



Principles of Climate Change Adaptation

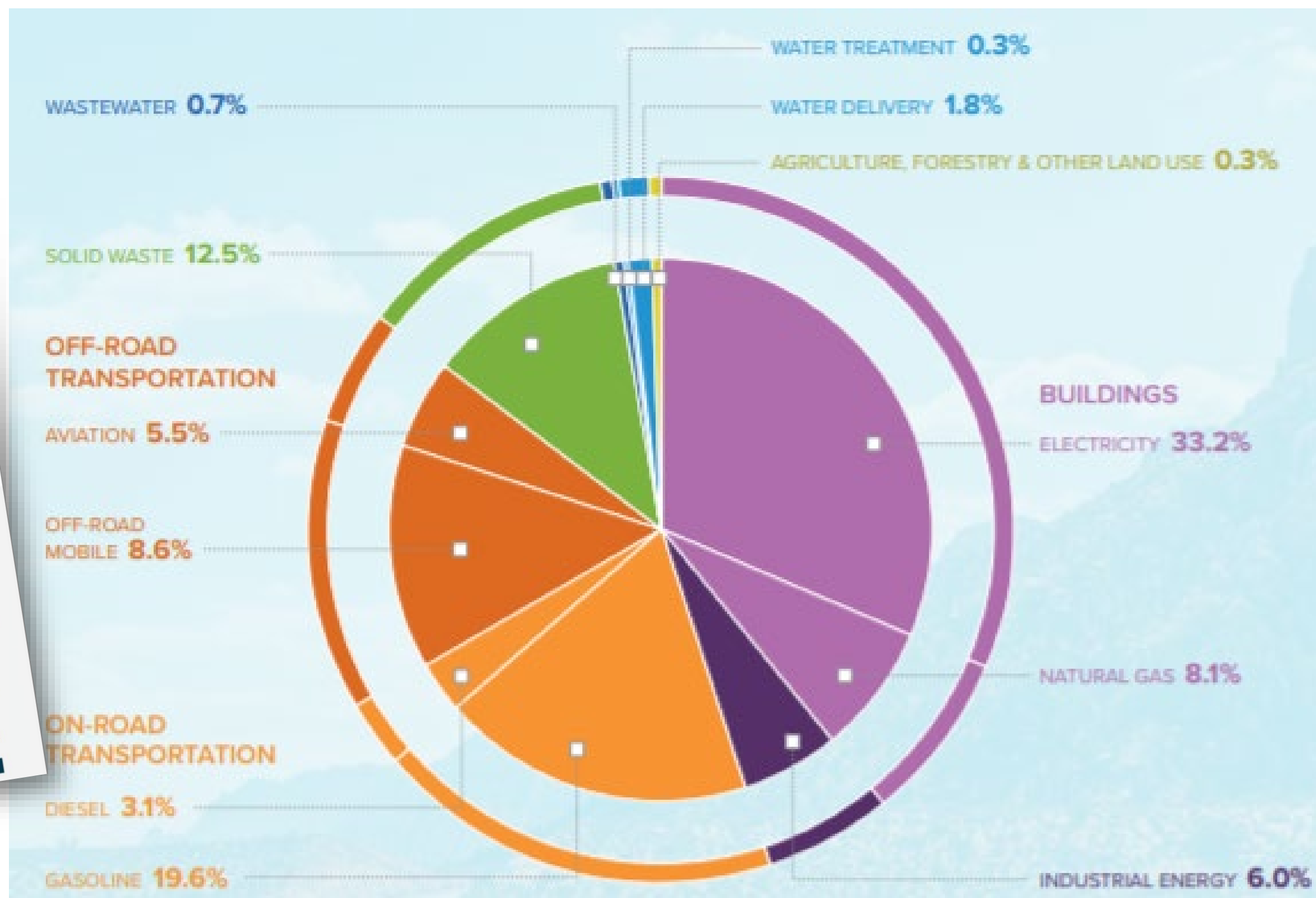
- Address the Root Causes of Climate Change
- Collaborate
- Communication & Engagement Best Practices

Address the Root Causes of Climate Change





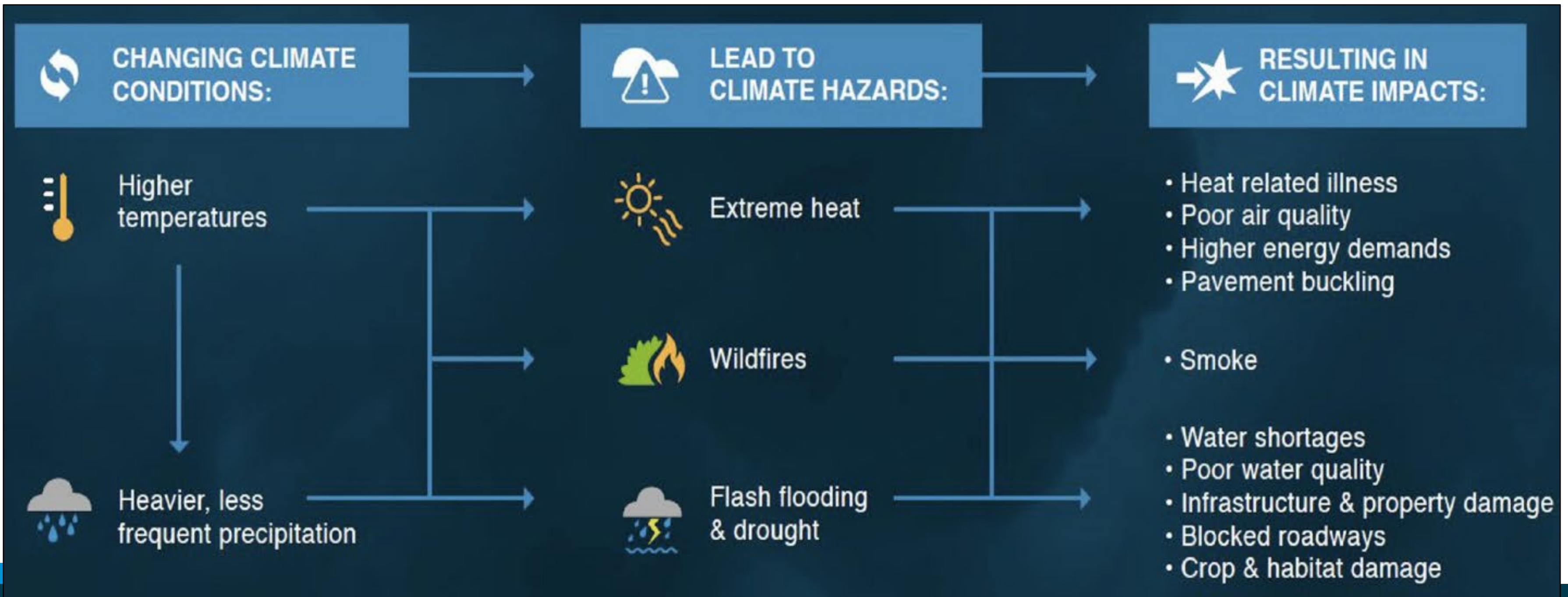
Greenhouse Gas Emissions Inventory - 2019





Climate Assessment

Historical trends, projected climate conditions, and resilience actions taken to-date to **establish a foundational understanding of how climate change affects Clark County.**





Informing the Community Plan

Community Engagement

Survey Responses
Roundtable Discussions
One-on-One Conversations

Climate Vulnerability Assessment

Resilience
Recommendations

GHG Inventory

Emissions Forecast
GHG Pathways

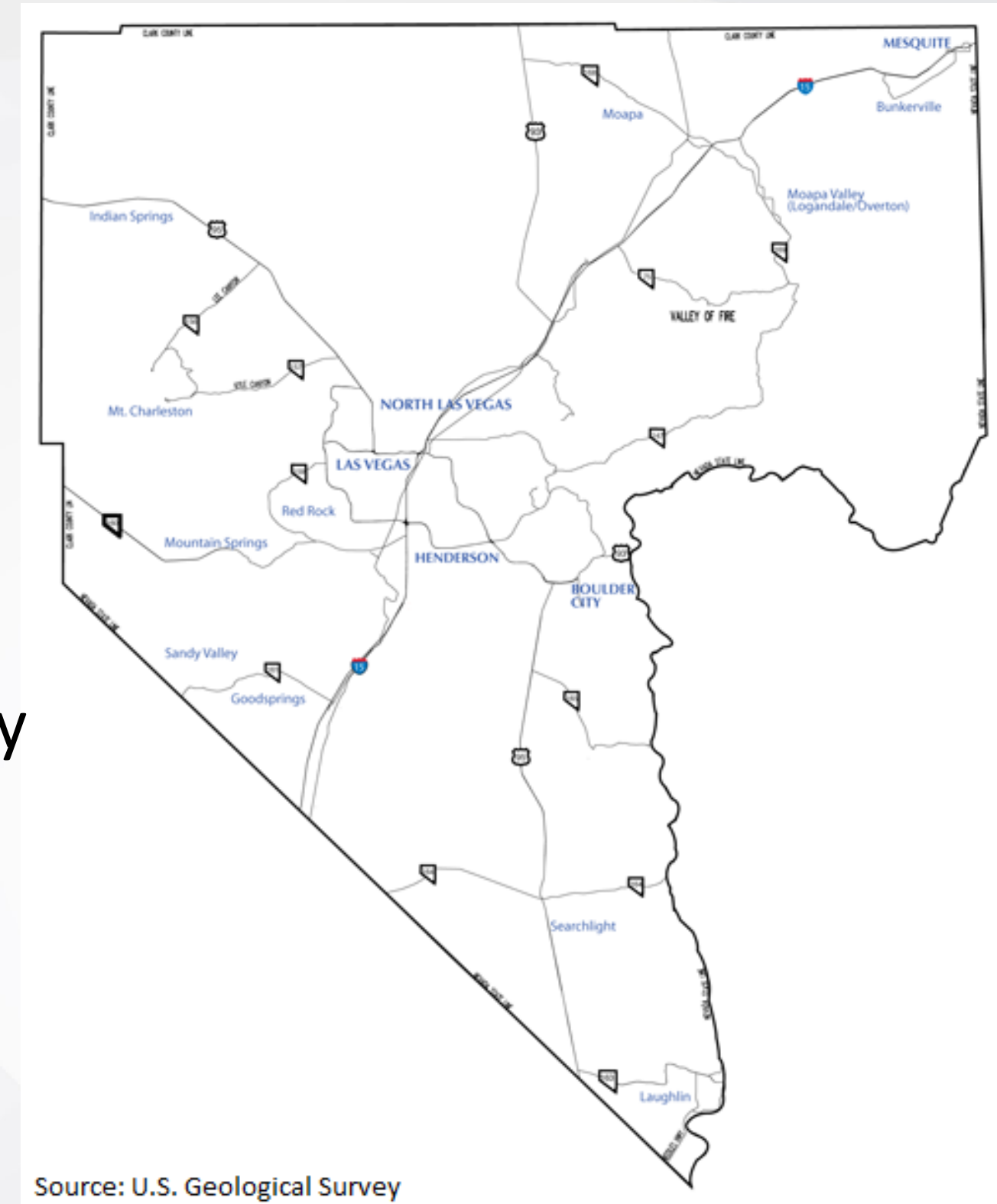
Community
Sustainability and
Climate Action Plan

Goals
Strategies
Actions

Collaborate

About Clark County, NV

- 8,091 square miles
- 14th largest county in the United States
- Services 2.5 million people and more than 40 million visitors per year
- $\frac{3}{4}$ of the state's population reside in Clark County



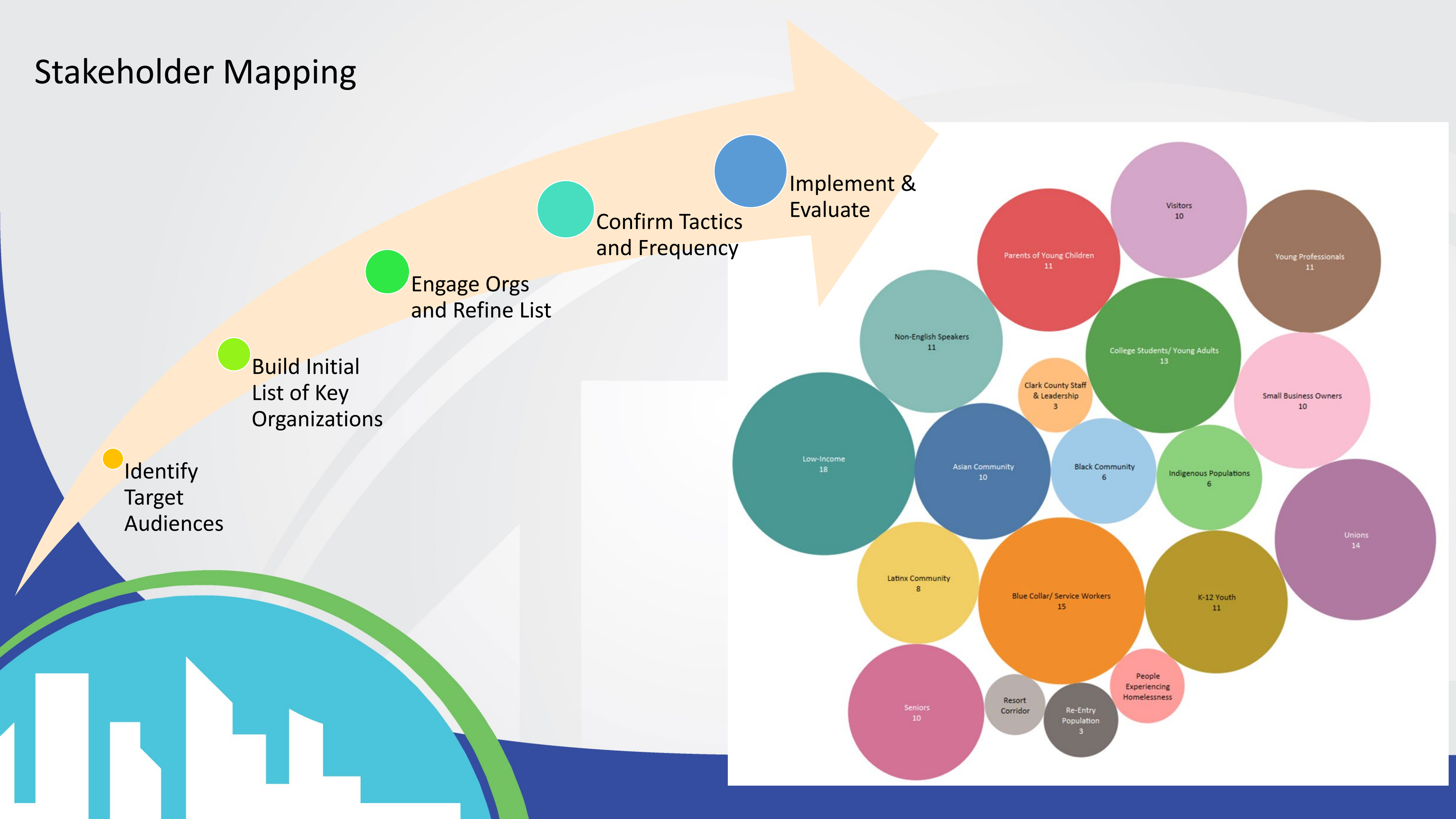
Source: U.S. Geological Survey



Key Govt Entities in Southern Nevada

- Indigenous People
 - Las Vegas Tribe of Paiutes
 - Moapa Band of Paiutes
- Municipalities
 - Boulder City
 - Henderson
 - Las Vegas
 - Mesquite
 - North Las Vegas
- Regional Agencies
 - Regional Transportation Committee of So NV
 - Southern NV Water District
 - Las Vegas Valley Water District
- State & Federal Agencies
 - Governor's Office of Energy
 - Bureau of Land Management

Stakeholder Mapping



Equitable Engagement: Equity Partners & Climate Ambassadors

- Engagement Goals
 - Grow Climate Literacy
 - Build Local Capacity to Take Action
 - Engage a Diverse Audience in Plan Development



Working with Equity Partners

Identify Organizations Connected to Target Populations (Equity Partners)

Deliver Training on

- The planning process
- The links between their work and climate action
- Climate 101
- Communicating Climate Change

Equity Partners confirm and deliver on their paid role

- Strategic Advisor
- Facilitator
- Messenger



Climate Ambassadors

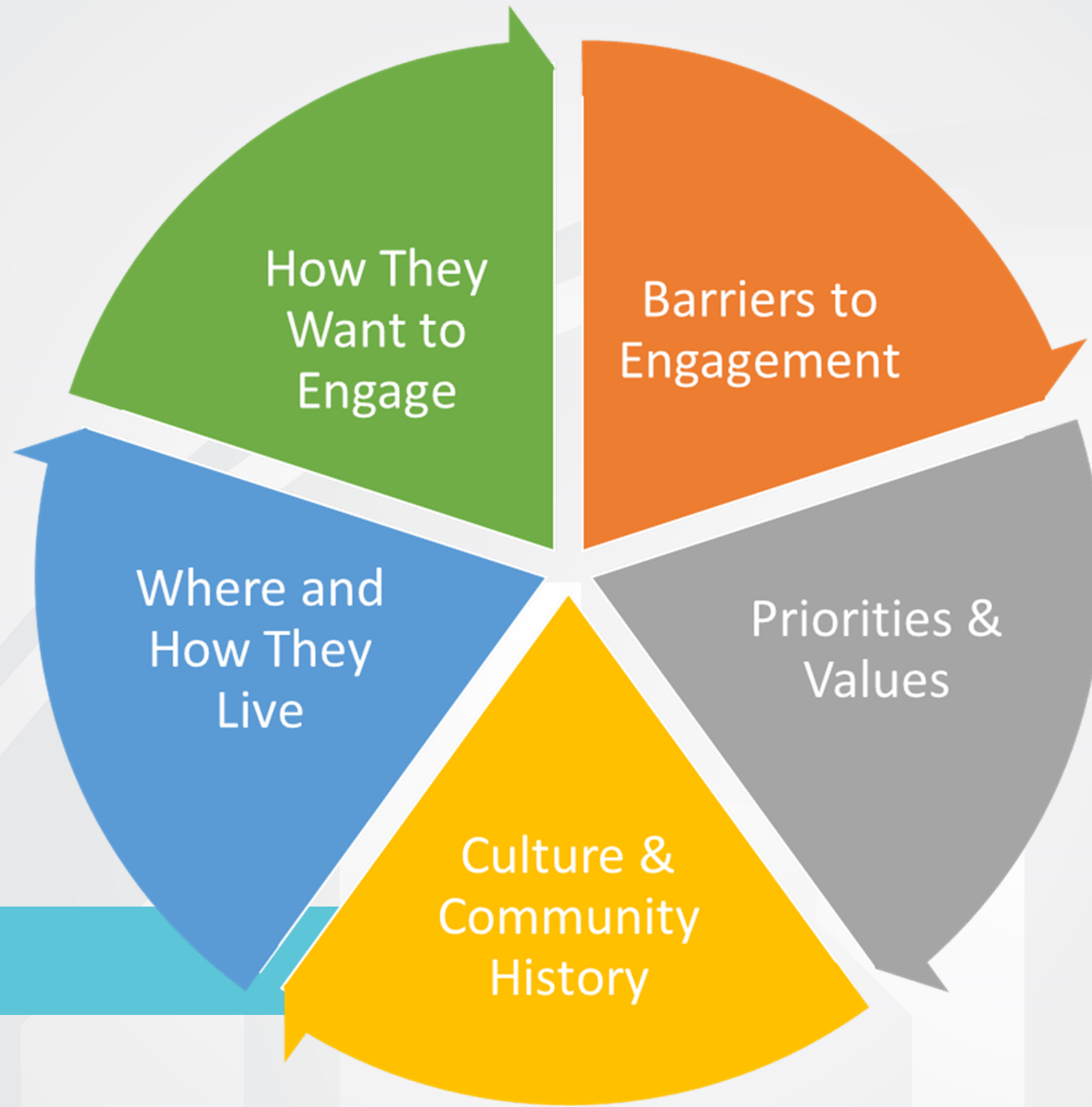
- Members of target audiences that are hired to promote engagement in the planning process among their peers and community-wide
- Trained on:
 - Planning Process
 - Climate 101
 - Communicating Climate Change
 - Engagement techniques
- Paid a living wage



Best Practices: Communications & Engagement

- Identify Your Target Audiences
- Get to Know Each Audience
- Communicate and Engage in a way that Resonates with THEM!
(not you!)





IDENTIFY & GET TO KNOW YOUR AUDIENCE

County Operations Plan Actions

The following tables summarize the goals and actions for each of the five key areas. All actions are evaluated for co-benefits according to the guiding principles of greenhouse gas reduction potential, transparency, equity, and resilience (social, economic, and built environment).



CLEAN & RELIABLE ENERGY






RESILIENT COUNTY OPERATIONS



Goals

Ensure that County operations are resilient to the impacts of climate change.

Design all Clark County-developed infrastructure to support community resilience to future climate conditions.



Action	Description	Timeframe	Status	Co-Benefits
RCO-1	Conduct a climate vulnerability assessment of all County critical assets and operational functions. See Implementation Blueprint	1-3 years	<div><div></div></div>	
RCO-2	Assess existing County operations emergency management plans for increased exposure to hazards associated with climate change. See Implementation Blueprint	< 1 year	<div><div></div></div>	
RCO-3	Enhance existing emergency communication protocols and ensure communication is accessible to all County staff.	1-3 years	<div><div></div></div>	
RCO-4	Adopt criteria for ensuring that all County capital projects are screened for resilience to climate change-related hazards. See Implementation Blueprint	1-3 years	<div><div></div></div>	



Clean & Reliable Energy



11,010 streetlights



Resilient County Operations



Las Vegas is the fastest warming city in the nation. Clark County is preparing for the heat, along with other climate impacts.

[Climate Change in Clark County](#) →

[What Does Resilience Mean for Clark County?](#) →

[Are You All-In?](#) →



Smart Waste Management & Reduction



Clark County is committed to aligning with the State of Nevada's recycling rate goal of 25%.

[Consuming Less](#) →

[Recycling More](#) →

[Are You All-In?](#) →



Water Conservation & Protection



largest alternative



Water Conservation & Protection

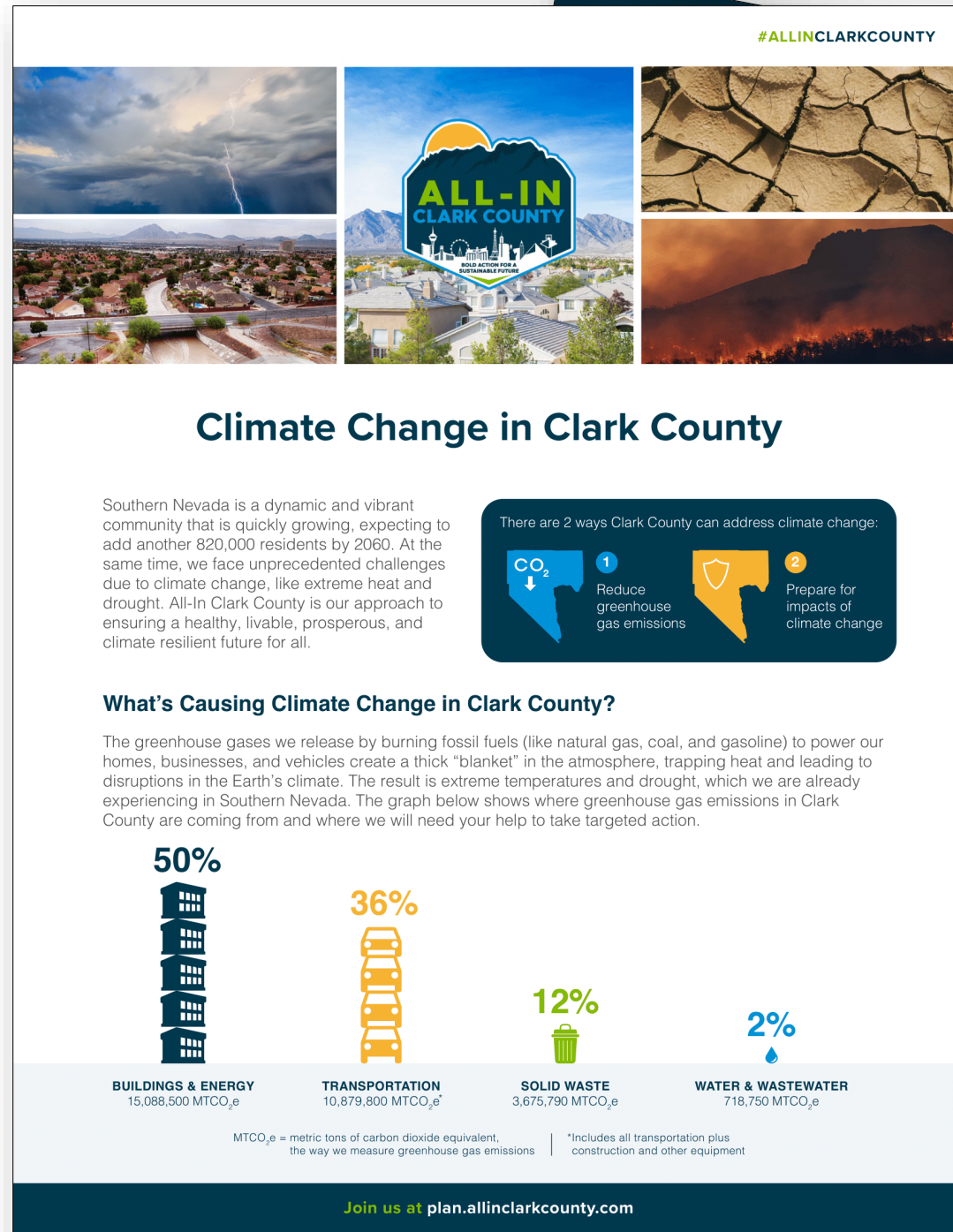


Per capita water use from the Colorado River decreased 46% from 2002-2018, thanks to Clark County's collaborative efforts with conservation partners.

[Water Management in the Mojave](#) →




Communication Materials: Fact Sheets & Climate Summaries



Communication Materials

INTERACTIVE ONLINE QUIZZES



So you think you know a lot about climate change and sustainability?
Prove it.

It's Earth Month! Test your green street cred here.

LET'S GO!

EVENT FLYERS & INVITATIONS

Le agradecemos que se una con nosotros por el primer
Foro de Sostenibilidad de San Antonio

Una noche interactiva con visionarios, pioneros, y miembros de la comunidad planificando por un San Antonio sostenible.

presentado por:

SA TOMORROW

Reserva la fecha

23 de junio 2023
5:00pm - 8:00pm

Celebrado en la hermosa gruta del Centro de Convenciones Henry B. Gonzalez

SATomorrow.mindmixer.com SATomorrow.com

— THRIVE INDIANAPOLIS —

Thrive Community Day

SATURDAY, AUGUST 18TH • 11AM - 3PM
MUSEUM LAWN AT WHITE RIVER STATE PARK

Family-friendly activities for kids of all ages.
Food trucks, music, games & more!

THRIVEINDIANAPOLIS.COM

RAIN OR SHINE

SOCIAL MEDIA GRAPHICS

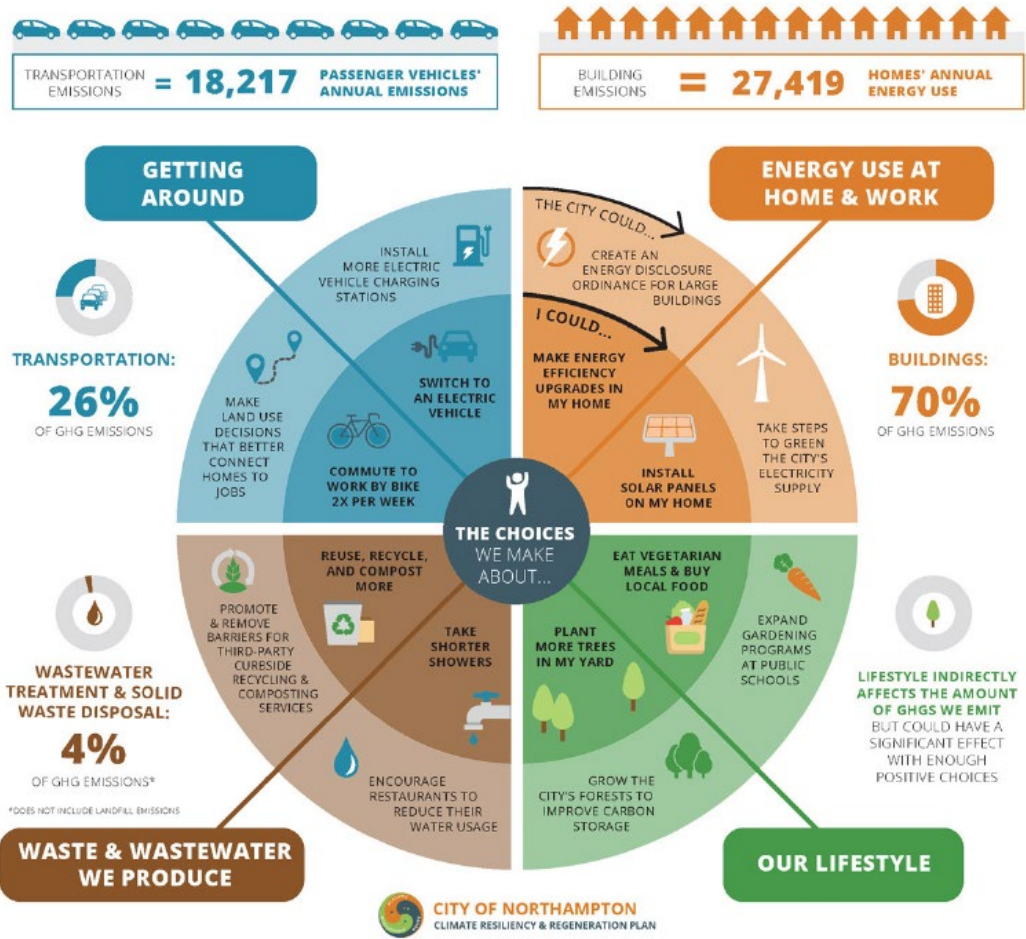


TAKE OUR SURVEY!

All-In Clark County wants your feedback!
Inform the **Sustainability & Climate Action Plan!**



INFOGRAPHICS



VIDEOS

TOGETHER WE CAN PROTECT

WHAT WE LOVE ABOUT
SAN ANTONIO IN THE FACE
OF A CHANGING CLIMATE

00:42

vimeo

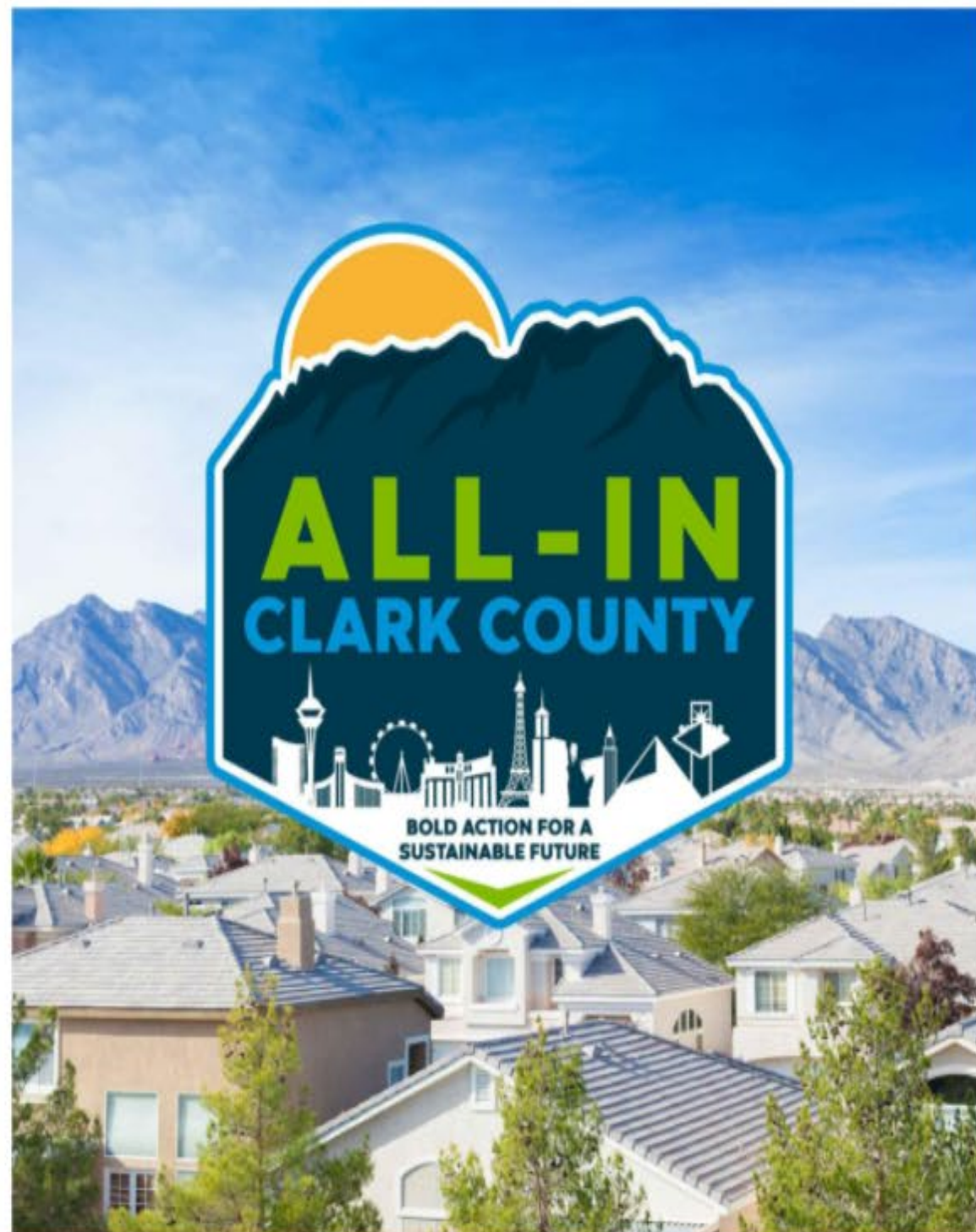
PHOTO TESTIMONIALS

“ I take CLIMATE ACTION ”

I felt guilty driving my aging gas-guzzling car, and repairs were becoming costly. So I bought an electric vehicle, a Chevy Bolt EV, as a gift to myself. It was a good investment and an act of the heart. It gets me out of the house! I almost enjoy driving again.

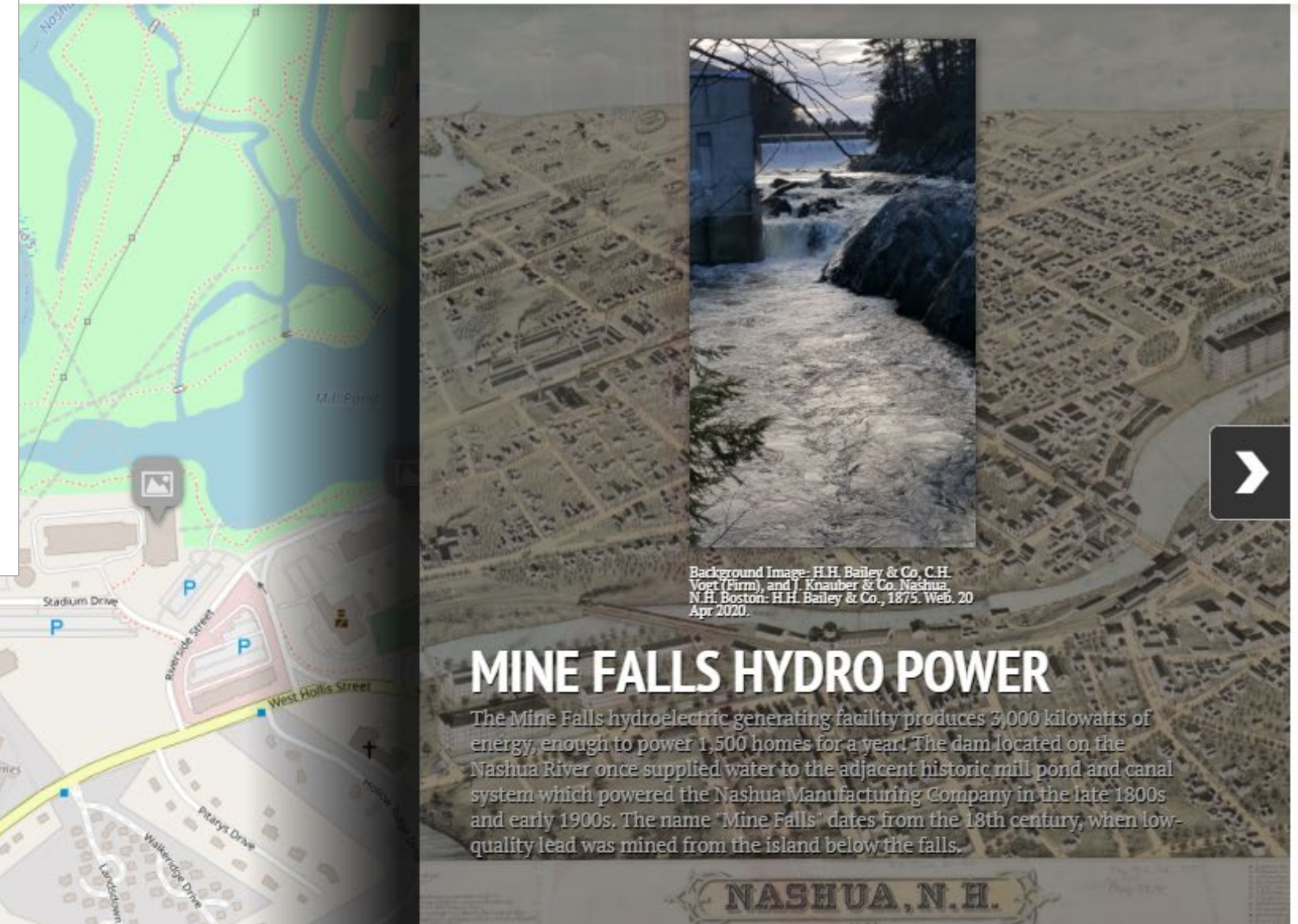
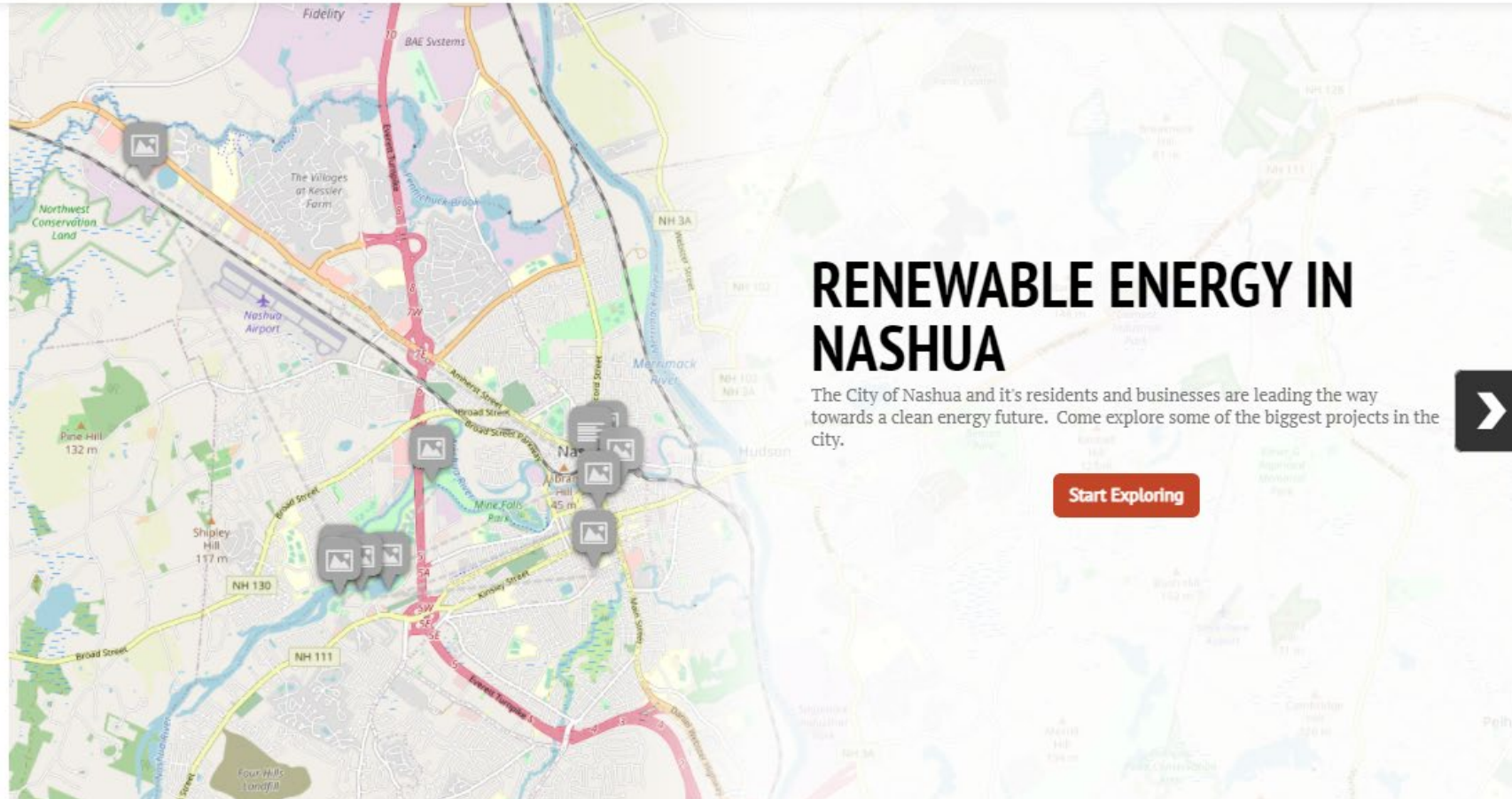
BOB
Swapped His Old Car for an Electric Vehicle



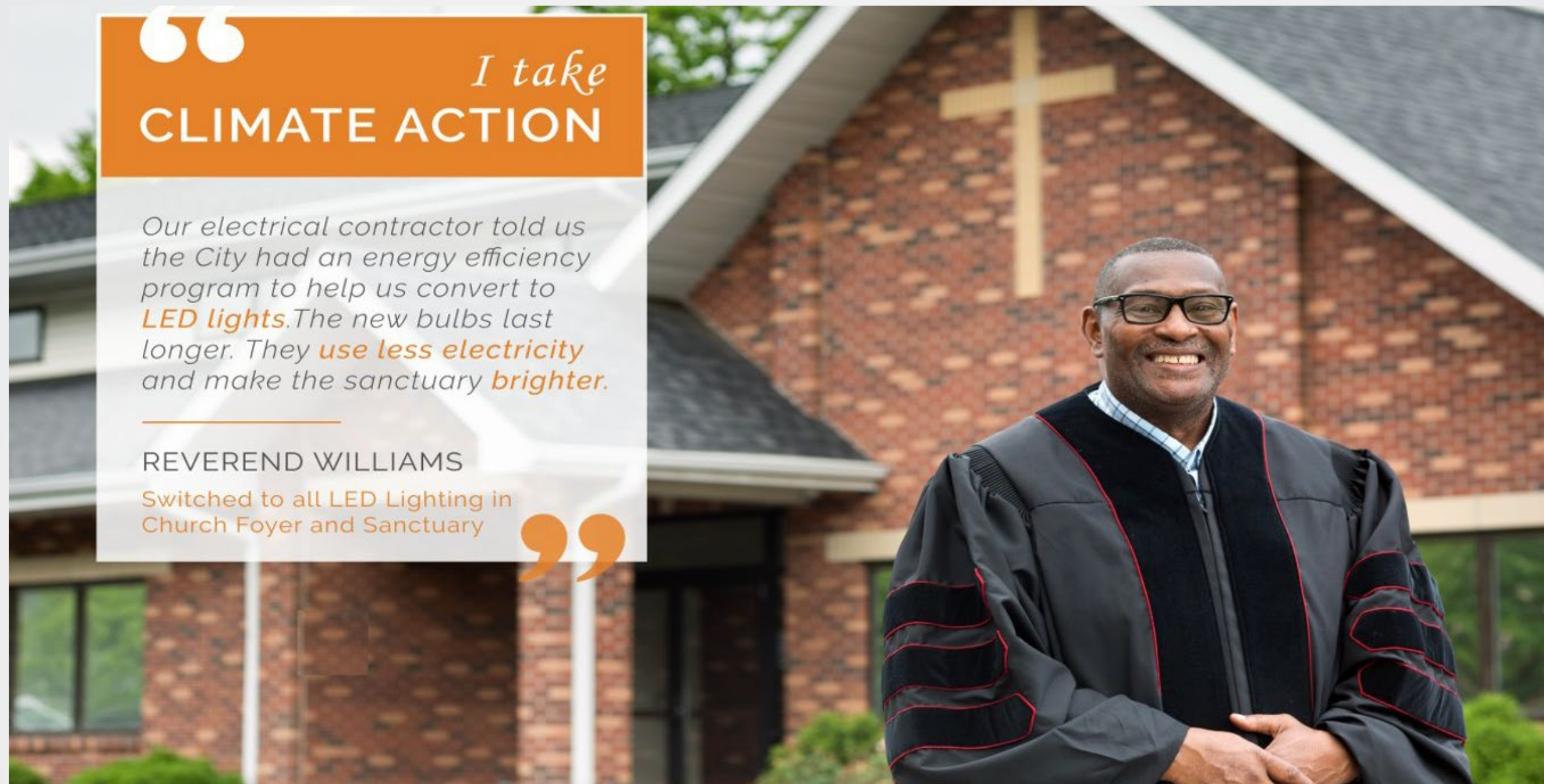


Clark County is partnering with community members and stakeholders to create *All-In Clark County* - a bold, solution-based plan for a sustainable future.

All-In Clark County Website



TACTIC: Storytelling
TOOL: StoryMaps



“
I take
CLIMATE ACTION

*Our electrical contractor told us the City had an energy efficiency program to help us convert to **LED lights**. The new bulbs last longer. They **use less electricity** and make the sanctuary **brighter**.*

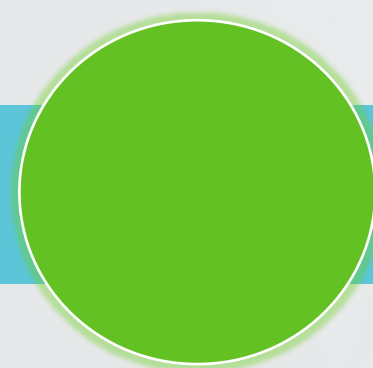
REVEREND WILLIAMS

Switched to all LED Lighting in
Church Foyer and Sanctuary”

TACTIC: Storytelling
TOOL: Image Testimonials



ENGAGE IN A WAY THAT RESONATES



TACTIC: Storytelling
TOOL: Videos



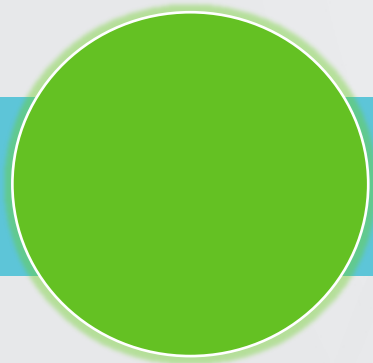
ENGAGE IN A WAY THAT RESONATES



TACTIC: Community Day
BEST PRACTICE: New Bedford, MA



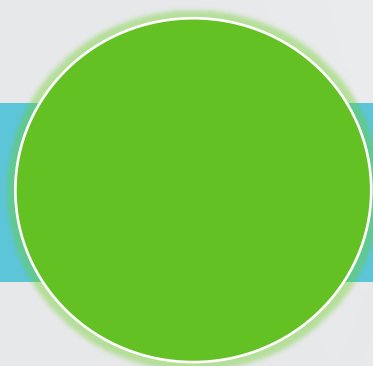
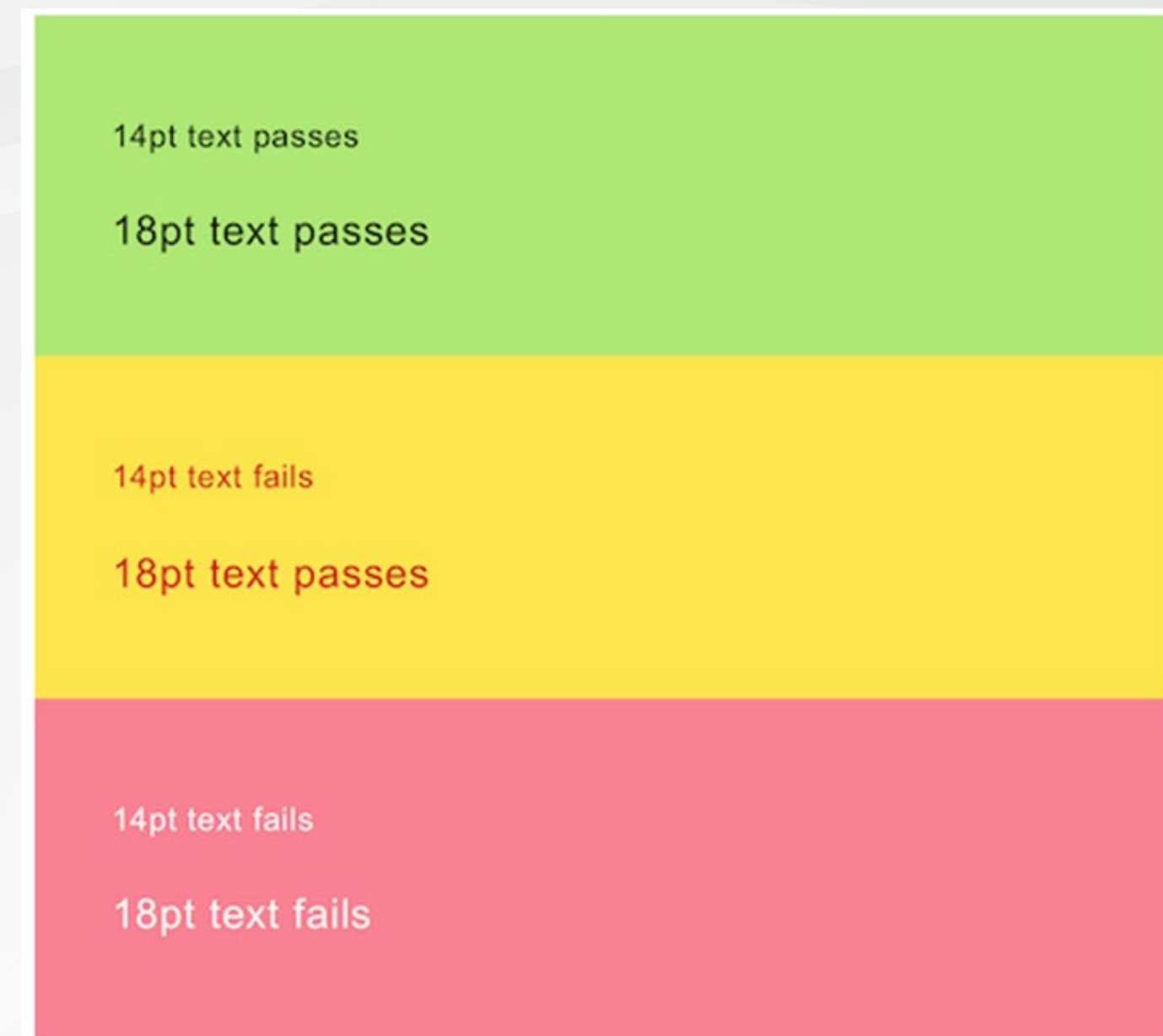
ENGAGE IN A WAY THAT RESONATES



TACTIC: Website Accessibility
TOOL: ADA Best Practices Toolkit for State & Local
Govts- Chapter 5



MAKE YOUR DIGITAL CONTENT ACCESSIBLE



TACTIC: Website Accessibility
TOOL: Color Contrast Checker- webaim.org



MAKE YOUR DIGITAL CONTENT ACCESSIBLE

THANK YOU!

Kim Lundgren, ENV SP

Kim@KimLundgrenAssociates.com



[Linkedin.com/in/kimlundgren](https://www.linkedin.com/in/kimlundgren)



[@TheKLATeam](https://twitter.com/TheKLATeam)



[Soundcloud.com/sastalk](https://www.soundcloud.com/sastalk)

