



### Mesa's Culture of Sustainability:

- Lower our environmental impact
- Guide sustainable growth
- Build resiliency
- Implement mitigation & adaption strategies
- Support innovative technologies







### SETTING MESA'S CLIMATE ACTION VISION

- •
- Lead by Council's Strategic Initiative: Healthy Environment

  "Proactively and responsibly protect and

  conserve Mesa's environment and natural resources to

  mitigate climate change by reducing carbon pollution."
- Focus Areas supported by Council in Feb
- Aspirational Goals recommended by SAT in April



## O FOCUS AREAS







- Energy Efficiency
- Resilient Supply
- Renewable Energy
- Reduce Vehicle Miles
- Low Emission Vehicles
- Active Transportation
- Reduce GHG Emissions
- Install Trees & Shade
- Prepare Workforce



# FOCUSAREAS







- Efficiency
- Resilient Supply
- Protection

- Reduce
- Reuse
- Recycle

- Support Local Supply
- Support Access
- Food Waste to Energy



### ASPIRATIONAL GOALS

- Overarching goals that can be measured
- Will be used to guide our future vision
- Departments will continue to be the owners of the projects & programs that will achieve progress towards these goals







### CARBON NEUTRALITY

Mesa's Aspirational Goal puts us on the global stage along with:

- ✓ London
- ✓ Melbourne
- ✓ Rio de Janeiro
- √ Stockholm
- ✓ Toronto

- ✓ Boulder, CO
- ✓ Minneapolis, MN
- ✓ New York City, NY
- ✓ Portland, OR
- ✓ Washington DC



## ASPIRATIONAL GOALS



#### ASPIRATIONAL GOAL #1: Carbon Neutrality

- Achieve carbon neutrality by 2050 by reducing greenhouse gas emissions and enhancing carbon sinks
- Strive to reduce the carbon footprint of City Operations by 50% by 2030



#### ASPIRATIONAL GOAL #2: Renewable Energy

• Prioritize the use of renewable, resilient energy to achieve 100% renewable energy by 2050



### ASPIRATIONAL GOAL #3: Materials Management

• Manage material responsibly and divert 90% waste from the landfill by 2050



#### ASPIRATIONAL GOAL #4: Community Action

• Develop community-based action items to be incorporated into the Plan





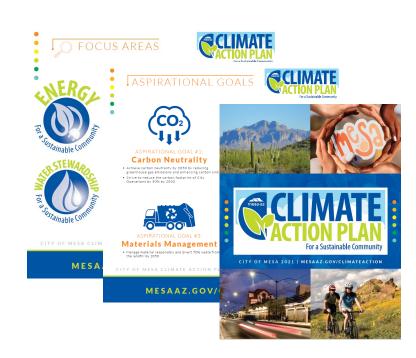
- Coordinating with PR&CF on Master Plan Efforts
- Engagement will include:
  - Initial information gathering
  - Citywide Surveys
  - Variety of focus group meetings
  - Community meetings in each Council District
    - In-person & virtual
  - Stakeholder interviews





### INFORMATION AVAILABLE TODAY

- Information at all levels:
  - Full Climate Action Plan Document
  - 'Info Sheet'
  - Infographic promo card
- Climate Action webpage
  - Future meeting dates, surveys & other community engagement information
  - Learn more about Focus Areas





### 'HEALTHY ENVIRONMENT' DATA DASHBOARD

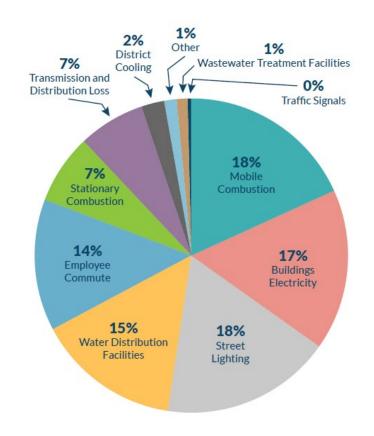




### CARBON FOOTPRINT

Greenhouse Gas Inventory

CITY OPERATIONS CARBON FOOTPRINT in 2019 = 97,243 MTCO2e GHG







### WHERE WE GO FROM HERE

- Work with Departments to study policies, projects & programs
  - Feasibility
  - Co-benefits
  - GHG Impact
- Will come back to Council with specific project metrics & analysis through normal processes (i.e., budget meetings, Council agenda)
- Plan intended to be living document that will evolve over time



