



Regional CLIMATE ACTION PLAN

NET ZERO
REGION
BY 2050





Guiding thoughts

1. So much of what we need to do, we want to do.



2. We have already proven we can do this!



3. Solutions must match the scale of the challenge.



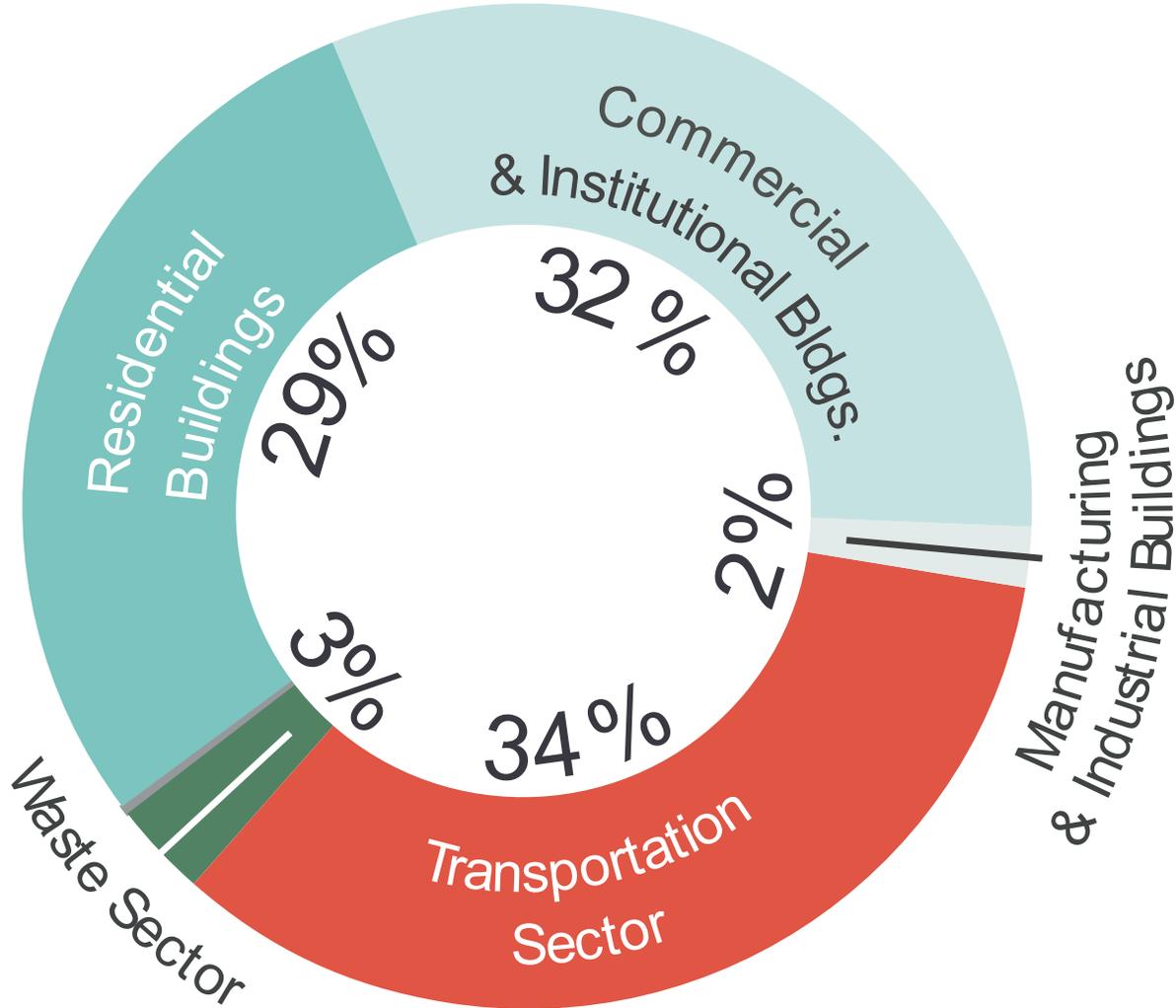
4. Leadership comes from all of us.



5. Do no harm. Doing nothing is harmful.



GHG Inventory 2015



Energy

Grid-based electrical power use
Building energy efficiency

Transportation

Technology, fuel and behavior

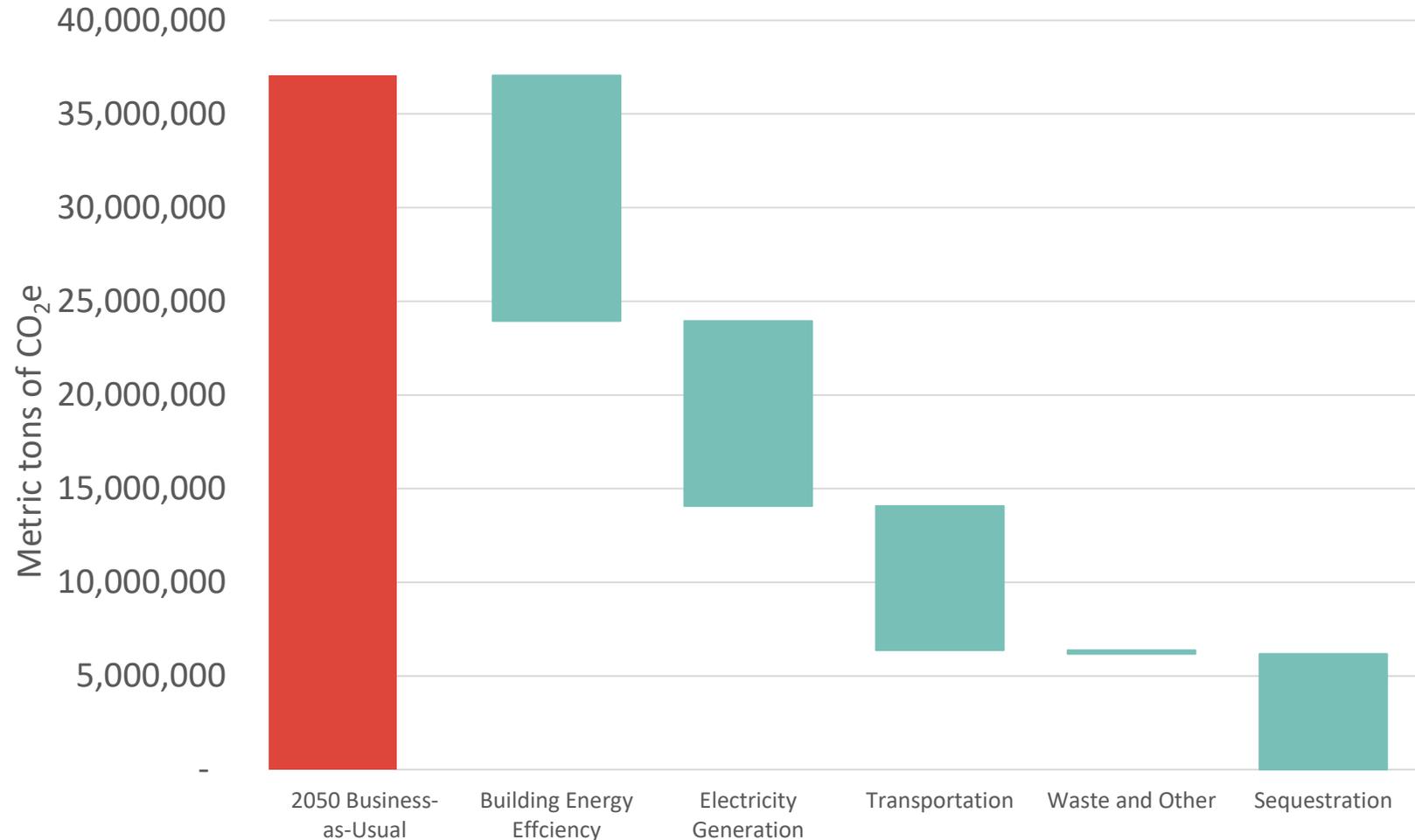
Waste

Landfills emit greenhouse gases too!

Measuring effectiveness

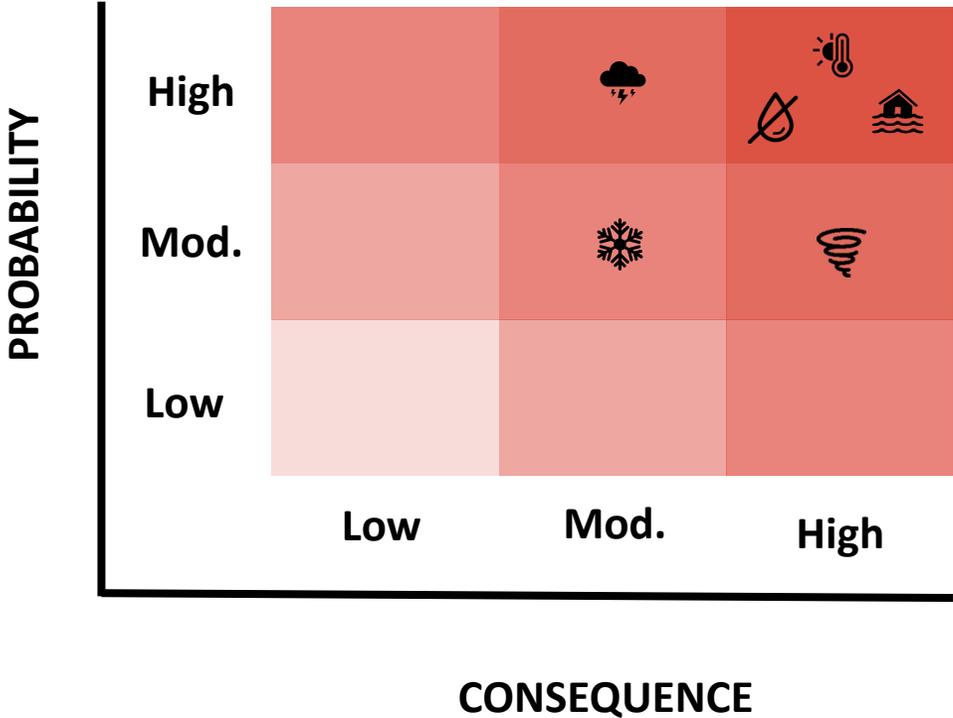
- 37 metric tons of CO₂E must be reduced by 2050.
- Actions in the energy, transportation, and waste sectors reduce GHG by 83%.

Breakdown of CO₂e Reduction by Action Area



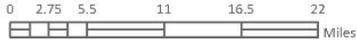
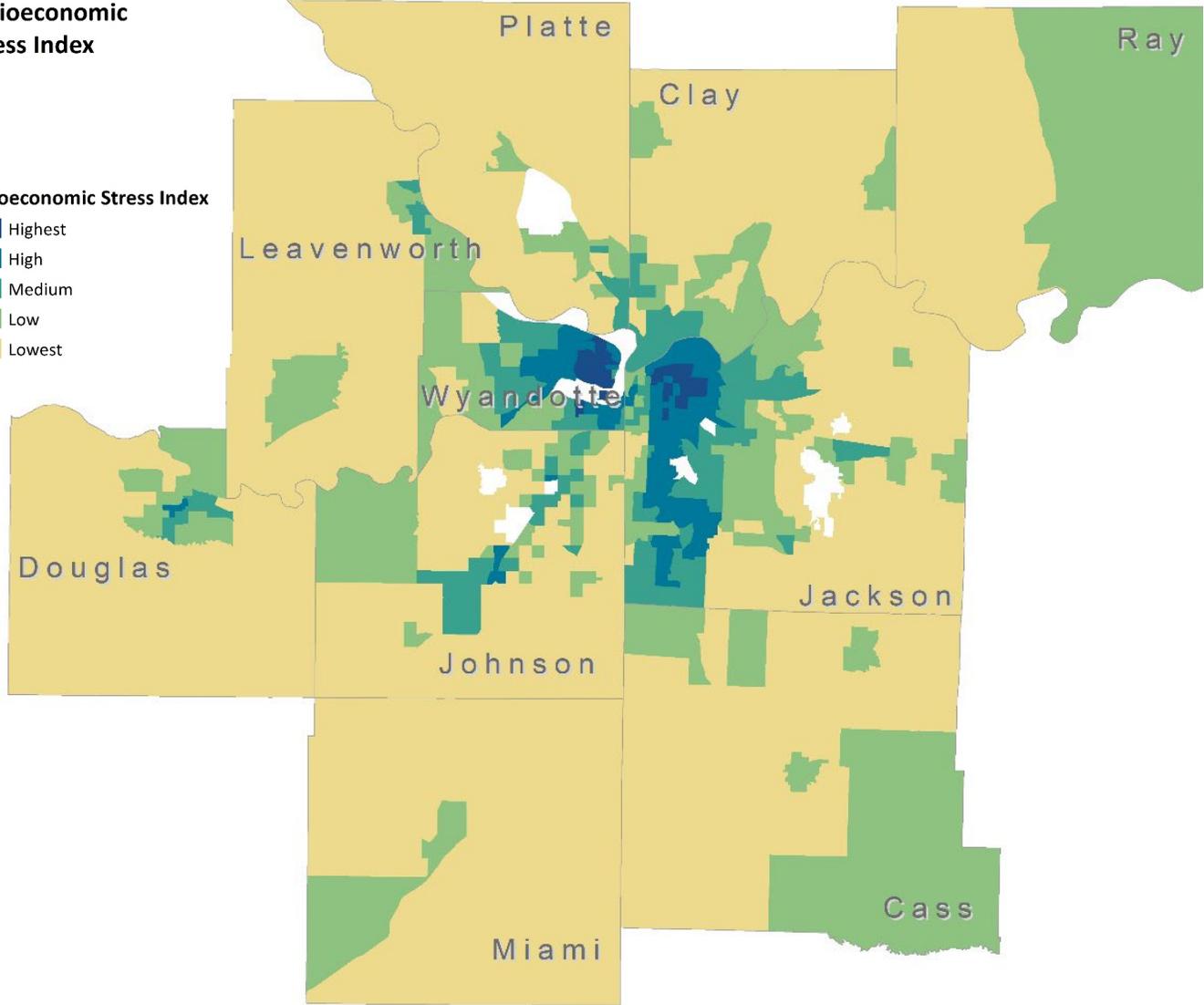
Climate Risk & Vulnerability

Risk Matrix

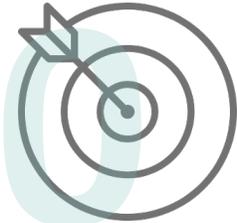


Regional Socioeconomic Stress Index

Socioeconomic Stress Index
 Highest
 High
 Medium
 Low
 Lowest



Action Areas



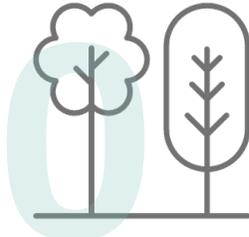
Collaboration
& Leadership



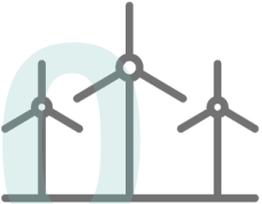
Innovation
& Finance



Community
Resilience



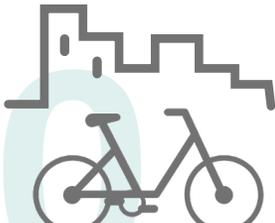
Urban
Greening



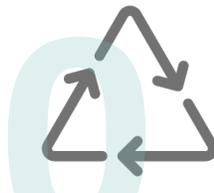
Renewable
Energy



Energy
Efficiency



Transportation
& Land Use



Industry &
Resource
Management



Food
& Agriculture



Adaptation

1. Food & agriculture



2. Nature-based solutions



3. Finance and innovation



4. Organic waste

COMPOST



**EXTRA
YARD**

**FOR THE
ENVIRONMENT**



5. Resilient Infrastructure



System Linkages





Local Government Policies

Energy

- Benchmarking, building performance, IECC2021, energy disclosure, solar ready

Urban Greening

- Tree protection, native landscaping, stormwater standards, stream buffer management

Transportation and Land Use

- Setbacks, road widths, parking maximums, etc.

Food

- Zoning adjustments

Local Government Actions

Planning and decision-making

- **Adopt the Climate Action Plan**
- **Designate a point person for resilience**
- **Squeeze every benefit out of every dollar**
- Complete local vulnerability assessment
- Implement resilience elements of local plans

Lead by example

- **Retrofit city-owned buildings**
- **Plant trees – along streets and streams**
- Join Evergy's Renewable Direct Program
- Design resilient infrastructure

Think like a partner

- Collaborate on implementation (trees, bikes, building improvements)
- **Encourage local participation (businesses, residents, institutions)**





Regional CLIMATE ACTION PLAN

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