



# Roadmap to Federal Funding

Presentation to  
Kansas Senate Select Committee for Wind Turbine Lighting  
October 27, 2022

# Infrastructure Investment and Jobs Act (IIJA) Bipartisan Infrastructure Law (BIL)

- Once-in-a-generation investment in infrastructure



No More  
Lead Pipes



High-Speed  
Internet Access



Better Roads  
and Bridges



Investments in  
Public Transit



Upgrade Airports  
and Ports



Investment in  
Passenger Rail



Network of Electric  
Vehicle Chargers



Upgrade Power  
Infrastructure



Resilient  
Infrastructure



Investment in  
Environmental  
Remediation

# Infrastructure Investment and Jobs Act (IIJA) Bipartisan Infrastructure Law (BIL)

- **\$1.2 Trillion Investment in Infrastructure/Economic Growth/Jobs/Communities**
  - >375 unique programs at over a dozen federal agencies
  - >125 new programs across 9 federal agencies representing 25% of spending
  - >90 of investments will be delivered by non-federal partners
  - ~60% flowing through formula grants
  - ~38% of funding contains provisions for expanded federal cost sharing arrangements – particularly for rural and disadvantaged communities

# Bipartisan Infrastructure Law Overview

**\$1.2 trillion**

Nationwide over 5 years

**60%**

Formula Funds

**\$3.8 billion**

For Kansas










**40%**

Competitive Grants

**TBD**

For Kansas

# BIL Formula Funding for Kansas

	Avg. Annual Funding	5-year Total
 Federal Highway Aid*	\$520 million	\$2.6 billion
 Bridge Replacement & Repair	\$45 million	\$225 million
 Public Transportation	\$54 million	\$272 million
 Airports	\$22 million	\$109 million
 EV Charging Network	\$8 million	\$40 million
 Broadband	\$20 million	\$100 million
 Water Infrastructure	\$91 million	\$454 million
 Wildfires Protection	\$5 million	\$25 million
 Cyberattack Protection	\$2.8 million	\$14 million
<b>Statewide Totals:</b>	<b>\$768 million</b>	<b>\$3.8 billion</b>

NOTE: Not all new money & does not include potential discretionary dollars

\*Includes state, city & county

# Inflation Reduction Act (IRA)

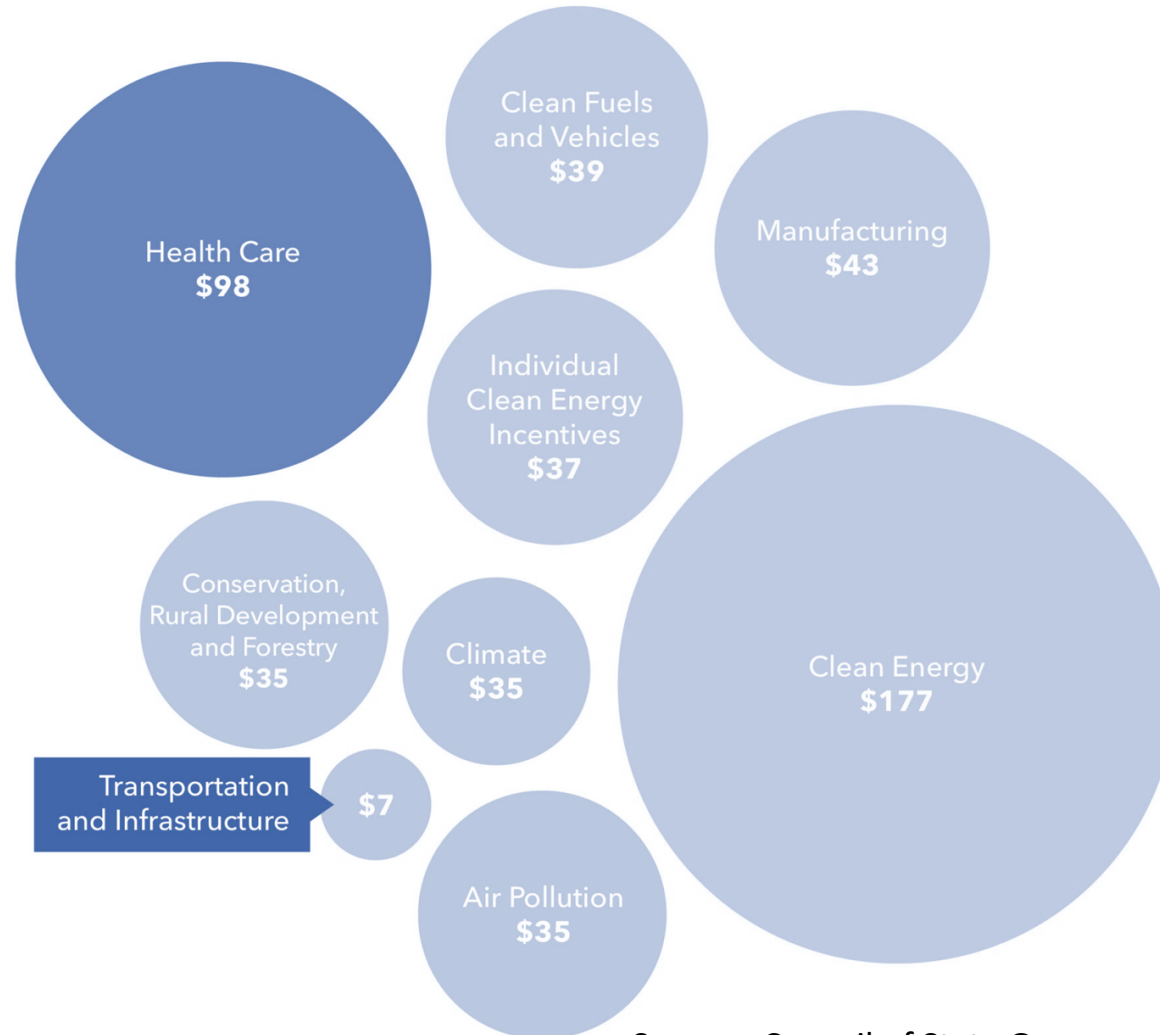
- What's in the IRA:
  - Creation of a 15% corporate minimum tax rate
  - Prescription drug price reform
  - IRS tax enforcement
  - Affordable Care Act (ACA) subsidy extension
- And,
  - Energy security and climate change investments
    - Investment in domestic energy production and manufacturing
    - Reduction in carbon emissions by roughly 40 percent by 2030
    - Allows tax-exempt entities to claim energy tax credits directly (includes municipal utilities)



# IRA Spending

Figures in billions over 10 years from 2022-2031

● Health Care   ● Energy   ● Climate



Source: Council of State Governments

# IRA Energy and Climate Funding

<b>Energy and Climate</b>	<b>\$386 billion</b>
Clean Electricity Tax Credits	\$161 billion
Air Pollution, Hazardous Materials, Transportation and Infrastructure	\$ 40 billion
Individual Clean Energy Incentives	\$ 37 billion
Clean Manufacturing Tax Credits	\$ 37 billion
Clean Fuel and Vehicle Tax credits	\$ 36 billion
Conservation, Rural Development, Forestry	\$ 35 billion
Building Efficiency, Electrification, Transmission, Industrial, DOE Grants and Loans	\$ 27 billion
Other Energy and Climate Spending	\$ 14 billion





# What's In It for Kansas?

# Kansas Infrastructure Hub

- Kansas' coordinated approach
  - Working to identify best practices from across the nation for deploying funds and maximizing Kansas' funding opportunities.
- State Agency Sub-Cabinet
  - Administration
  - Agriculture
  - Commerce
  - Health and Environment
  - Transportation
  - Kansas Corporation Commission
  - Kansas Water Office
- Led by Transportation Secretary Julie Lorenz

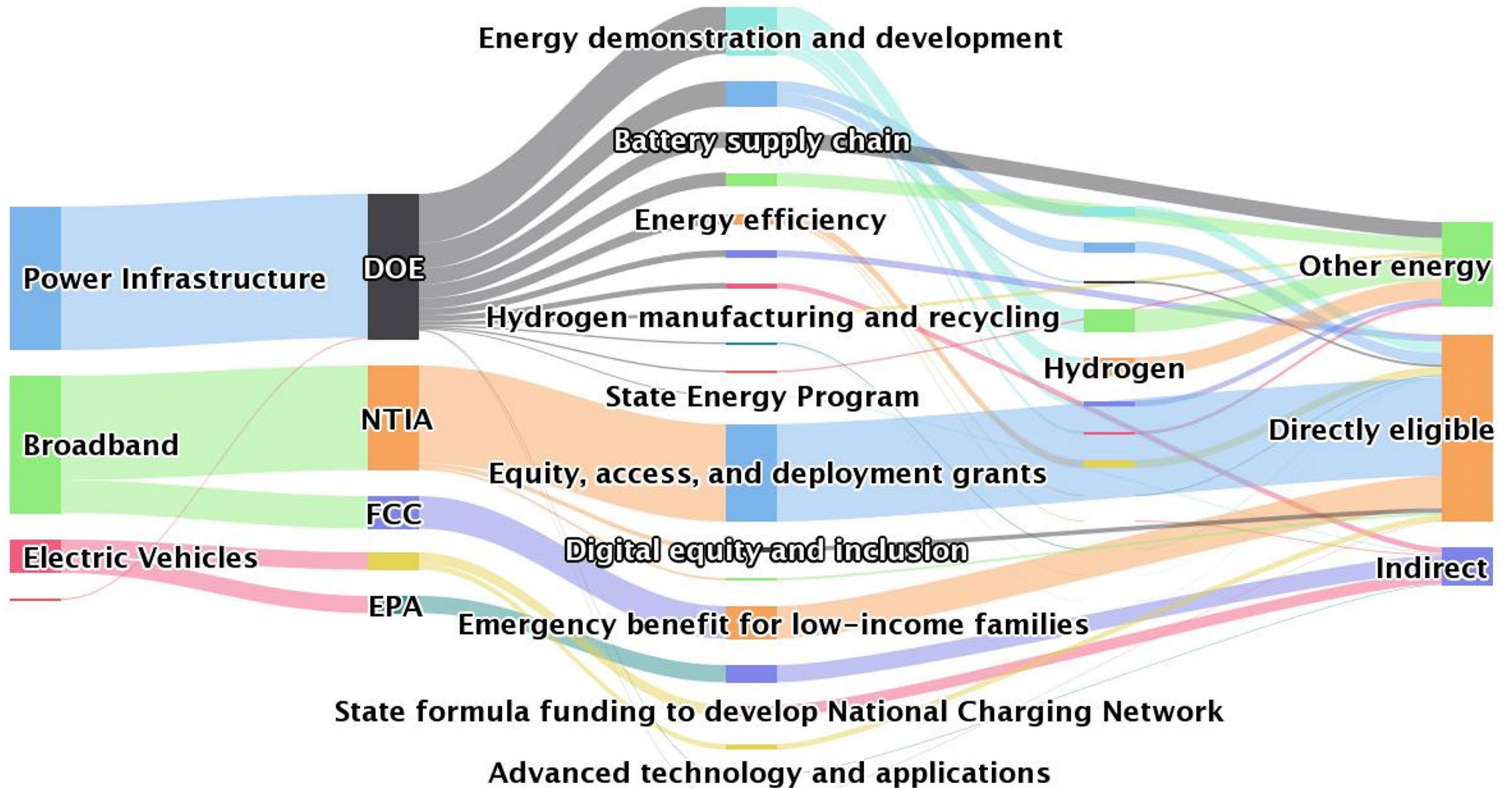


# Kansas Infrastructure Hub

- **Advisory Committee**
  - Public and Private Sector Partners to Maximize Funding to Kansas
- **Kansas Infrastructure Summit**
  - Wichita July 13-14
  - 500 attendees in-person/150 online
  - Raise awareness about the funding opportunities
  - Identify ways to collaborate and to generate and prioritize actions to maximize the impact of federal dollars for the state



# Funding Pathways



# Problematic Issues for Kansas Cities and Utilities

- Registering for grant eligibility (Grants.gov)
- Required matching funds for various funding opportunities
- Short application
- Internal capacity to develop and submit grant and other funding applications
- Internal capacity to administer grant awards



# Possible State Assistance?

## State Funding

- Matching Grant Funds
- Federal Grant Registration Assistance
- Grant Writing and Administration Support



# Utility Organization Partnership



# Utility Organization Partnership

- KMU/KMEA/KPP Partnership
  - Hired Consulting Firm
  - Identifying Utility Funding Opportunities
    - Energy Infrastructure/Generation/Grid Security & Reliability/EV Infrastructure/Water/Broadband/Others
  - Conducting Informational Webinars
  - Answering Questions
  - Serve as Overall Resource for Combined Membership

**KMEA**  
KANSAS MUNICIPAL  
ENERGY AGENCY

**KANSAS MUNICIPAL  
UTILITIES**

**KPP  
ENERGY**

Infrastructure Investment Jobs Act  
& Inflation Reduction Act Webinar

**Thursday, October 6th  
11 a.m.**

**Click HERE to  
Join the Meeting**

**Amanda Wood**  
Senior Federal Advocacy  
Director, Becker & Poliakoff

As federal agencies continue to roll out plans for the \$1,2 trillion in funding for infrastructure needs, plan ahead to make sure that you are prepared to compete for your share of funding for your community. The webinar will review new funding opportunities, requirements and projected timelines, and also ongoing federal funding streams. Hear from Amanda Wood, our DC-based federal funding consultant, who brings her deep understanding of existing and emerging programs to give you guidance and answer your questions. Please join as we discuss how to maximize federal funds to empower your utility and your community.

**Questions**

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# Examples of Funding Opportunities



Program Name	Agency Name	Funding Amount
Power Marketing Administration Transmission Borrowing Authority	Department of Energy	\$10,000,000,000
Regional Clean Hydrogen Hubs	Department of Energy	\$8,000,000,000
Civil Nuclear Credit Program	Department of Energy	\$6,000,000,000
Program Upgrading Our Electric Grid and Ensuring Reliability and Resiliency	Department of Energy	\$5,000,000,000
Preventing Outages and Enhancing the Resilience of the Electric Grid / Hazard Hardening	Department of Energy	\$5,000,000,000
Four Regional Clean Direct Air Capture Hubs	Department of Energy	\$3,500,000,000
Weatherization Assistance Program	Department of Energy	\$3,500,000,000
Battery Materials Processing Grants	Department of Energy	\$3,000,000,000
Battery Manufacturing and Recycling Grants	Department of Energy	\$3,000,000,000
Smart Grid Investment Matching Grant Program	Department of Energy	\$3,000,000,000
Carbon Capture Demonstration Projects Program	Department of Energy	\$2,537,000,000
Transmission Facilitation Program	Department of Energy	\$2,500,000,000
Carbon Storage Validation and Testing	Department of Energy	\$2,500,000,000
Advanced Reactor Demonstration Program	Department of Energy	\$2,477,000,000
Carbon Dioxide Transportation Infrastructure Finance and Innovation Program	Department of Energy	\$2,100,000,000
Energy Improvement in Rural or Remote Areas	Department of Energy	\$1,000,000,000
Clean Hydrogen Electrolysis Program	Department of Energy	\$1,000,000,000
Carbon Capture Large-Scale Pilot Programs	Department of Energy	\$937,000,000
Advanced Energy Manufacturing and Recycling Grants	Department of Energy	\$750,000,000
Critical Material Innovation, Efficiency, And Alternatives	Department of Energy	\$600,000,000
Rehabilitation of High Hazard Potential Dams	Department of Homeland Security	\$585,000,000
Maintaining and Enhancing Hydroelectricity Incentives	Department of Energy	\$553,600,000
Energy Efficiency and Conservation Block Grant Program	Department of Energy	\$550,000,000
Purchase of Power and Transmission Services	Department of Energy	\$500,000,000
State Energy Program	Department of Energy	\$500,000,000
Clean Hydrogen Manufacturing Recycling Research, Development, and Demonstration Program	Department of Energy	\$500,000,000
Industrial Emission Demonstration Projects	Department of Energy	\$500,000,000
Grants for Energy Efficiency and Renewable Energy Improvements at Public School Facilities	Department of Energy	\$500,000,000
Industrial Research and Assessment Center Implementation Grants	Department of Energy	\$400,000,000
Energy Storage Demonstration and Pilot Grant Program	Department of Energy	\$355,000,000
Earth Mapping Resources Initiative	Department of the Interior	\$320,000,000
Carbon Utilization Program	Department of Energy	\$310,140,781
Assisting Federal Facilities with Energy Conservation Technologies Grant Program	Department of Energy	\$250,000,000
Energy Efficiency Revolving Loan Fund Capitalization Grant Program	Department of Energy	\$250,000,000
Cost-effective Codes Implementation for Efficiency and Resilience	Department of Energy	\$225,000,000
National Dam Safety Program	Department of Homeland Security	\$215,000,000

Energy and Minerals Research Facility	Department of the Interior	\$167,000,000
Industrial Research and Assessment Centers	Department of Energy	\$150,000,000
Long-Duration Energy Storage Demonstration Initiative and Joint Program	Department of Energy	\$150,000,000
Rare Earth Elements Demonstration Facility	Department of Energy	\$140,000,000
Rare Earth Security Activities	Department of Energy	\$127,000,000
Battery and Critical Mineral Recycling	Department of Energy	\$125,000,000
Hydroelectric Production Incentives	Department of Energy	\$125,000,000
Watershed Rehabilitation Program	Department of Agriculture	\$118,000,000
Front-End Engineering and Design Program Out Activities Under Carbon Capture Tech Program 962 Of EPA (Sec 40303)	Department of Energy	\$100,000,000
Commercial Direct Air Capture Technology Prize Competition	Department of Energy	\$100,000,000
Enhanced Geothermal Systems and Pilot Demonstrations	Department of Energy	\$84,000,000
Section 243 Hydroelectric Efficiency Improvement Incentives (Sec 40332)	Department of Energy	\$75,000,000
Critical Material Supply Chain Research Facility	Department of Energy	\$75,000,000
Marine Energy Research, Development, and Demonstration	Department of Energy	\$70,400,000
Wind Energy Technology Program	Department of Energy	\$60,000,000
Energy Efficiency Materials Pilot Program	Department of Energy	\$50,000,000
Energy Auditor Training Grant Program	Department of Energy	\$40,000,000
Solar Energy Research and Development	Department of Energy	\$40,000,000
Wind Energy Tech Recycling Research & Development	Department of Energy	\$40,000,000
National Marine Energy Centers	Department of Energy	\$40,000,000
Hydropower Research, Development, and Demonstration	Department of Energy	\$36,000,000
Solar Recycling Research & Development	Department of Energy	\$20,000,000
New Solar Research & Development	Department of Energy	\$20,000,000
Pre-Commercial Direct Air Capture Prize Competitions	Department of Energy	\$15,000,000
Pumped Storage Hydropower Wind and Solar Integration and System Reliability Initiative	Department of Energy	\$10,000,000
Extended Product System Rebates	Department of Energy	\$10,000,000
Energy Efficient Transformer Rebates	Department of Energy	\$10,000,000
Lithium-Ion Recycling Prize	Department of Energy	\$10,000,000
Career Skills Training	Department of Energy	\$10,000,000
Building, Training, And Assessment Centers	Department of Energy	\$10,000,000
Capital Improvement and Maintenance for Dams	Department of Agriculture	\$10,000,000
<b>TOTAL - CLEAN ENERGY AND POWER</b>		<b>\$74,952,140,781</b>

**Clean Energy and Power - \$74,952,140,781**





What Can We Do Now?

# Is Your Organization Ready?

- Register with GRANTS.gov - NOW!
  - If registered, new Unique Entity Identifier (UEI) requirement as of April 2022
- Validate entity with SAM.gov
  - System for Award Management
- Register with FedConnect.net
  - Bridges the gap between government agencies, vendors, and grants applicants



# Grant Application Process and Timing

- **Pre-Award Phase** (approximately 4 months)
  - Funding Opportunity Announcement (FOA) published on Grants.gov
  - Grant applications are due 30 to 60 days after the FOA is published
  - Applications undergo review process (e.g., peer review, financial review) for 1-3 months
- **Award Phase** (approximately 1-2 months)
  - Funding recommendations become a final funding decision
  - Grant-making agency sends Notice of Award (NOA) to successful grant applicant
  - Post Award (approximately 1-5 years)
- **Implementation Phase**
  - Applicant does routine progress and financial reporting for the duration of the grant
  - Grantors conduct audits and monitoring for the duration of the grant
  - Closeout is the official ending to the grant

# Key indicators of Funding Success

- Have a plan to improve quality of life for your residents (its about the use case, not the shopping list)
- Show a local commitment to this effort, including community partners, both government and non-government
- Coordination with other local agencies, including Emergency Management
- Have early conversations with federal program managers
- When needed, identify and establish research partnerships early
- Compile data to support your request
- Arm your federal elected officials to advocate for you

# PLAN NOW!!!

- Identify Potential Local and/or Regional Collaborative Projects
- Engage Stakeholders Early
- Identify Grant Writing Capabilities
- Monitor and Track Funding Opportunities
- Be ready when funding announcement are released



- Goal: Maximize Funding for Kansas





**KANSAS  
MUNICIPAL  
UTILITIES**

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