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# 25x'25 Illinois Renewable Energy Alliance

## AGENDA

August 6, 2008

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# 25x'25: A National Alliance

- Formed in Spring 2004 through a grant from the Energy Future Coalition
- Organized to explore agriculture and forestry's role in energy production
- Four-phase project

Phase I - create a vision

Phase II - build an energy alliance

Phase III - construct an implementation strategy

Phase IV - work to bring 25x'25 to life

# 25x'25 Vision

By the year 2025, America's farms, ranches and forests will provide 25 percent of the total energy consumed in the U.S. while continuing to produce safe, abundant and affordable food, feed and fiber.

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# National Goal

**25x'25 is the national renewable energy goal.**

- Passed by Congress as part of HR6
- Signed into law by President Bush on December 19, 2007

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# The 25x'25 Action Plan calls for supportive government policies in each of five areas:

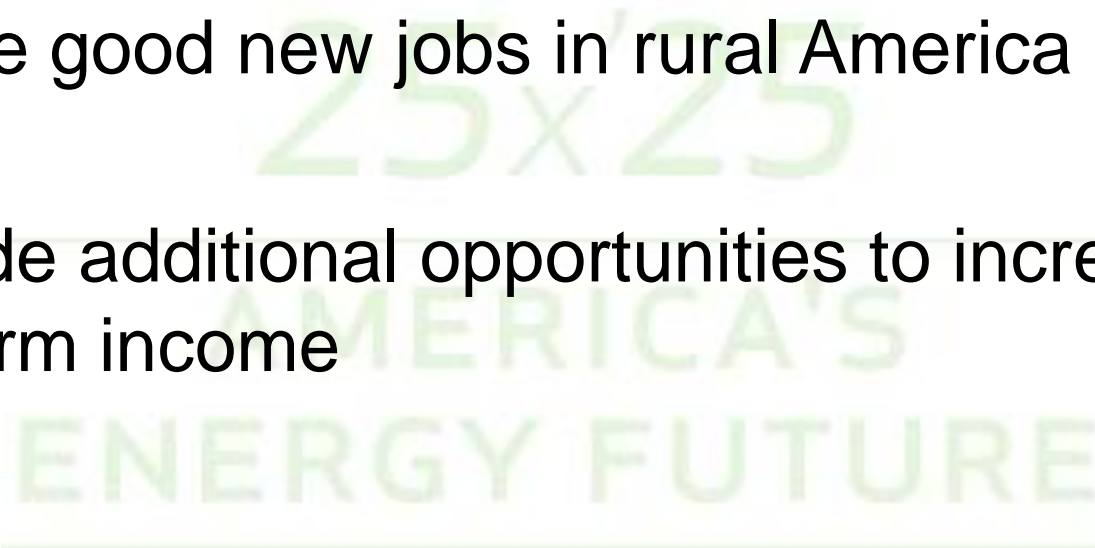
- Increase production of renewable energy
- Deliver renewable energy to markets
- Expand renewable energy markets
- Improve energy efficiency and productivity
- Strengthen conservation of natural resources and the environment

# The 25x'25 Action Plan envisions success in the following:

- Increase farm income by \$180 billion
- Generate \$700 billion in new economic activity annually
- Create up to 5 million new jobs nationwide
- Reduce oil consumption by 2.5 million barrels per day – 10 percent of U.S. projected consumption in 2025
- Reduce carbon dioxide emissions by a billion tons – 2/3 of projected emissions growth by 2025

# Expansion of renewable energy use will:

- ✓ Bring new technologies to the market and save consumers money
- ✓ Reduce our dependence on foreign oil
- ✓ Create good new jobs in rural America and
- ✓ Provide additional opportunities to increase net farm income





# 25x'25 Sustainability Principles

**Access** - fair and equitable access to renewable energy markets, products, and infrastructure.

**Community Economic Benefits** – bolster the economic foundation and quality of life in communities where it occurs.

**Efficiency and Conservation** – energy efficient, use biomass residues and waste materials when possible, and conserve natural resources at all stages of production, harvesting, and processing.

**Market Parity** – with fossil fuels in access to markets and incentives.

**Private Lands** – Renewable energy production on private working farm, forest, and grasslands should improve the health and productivity of these lands and help protect them from being permanently converted to non-working uses.

**Technology** – New technologies, including approved biotechnology, can play a significant role in renewable energy production.

**Soil Erosion/Quality** – incorporate the best available technologies and management practices to protect soils.

**Water Quality/Quantity** – maintain or improve water quality and maximize water conservation and protection.

# PHASE IV: FOUR PRIMARY GOALS



- Establish 25x'25 as a “source authority”
- Engage partners on critical challenges and opportunities
- Encourage enabling public policies
- Equip and mobilize partners and state alliances

# “SOURCE AUTHORITY”

- 25x'25 will create a Renewable Energy Institute that will be recognized as a highly credible, reliable and respected source of unbiased information for renewable energy champions, policy makers, the media and others seeking peer reviewed research, facts and data

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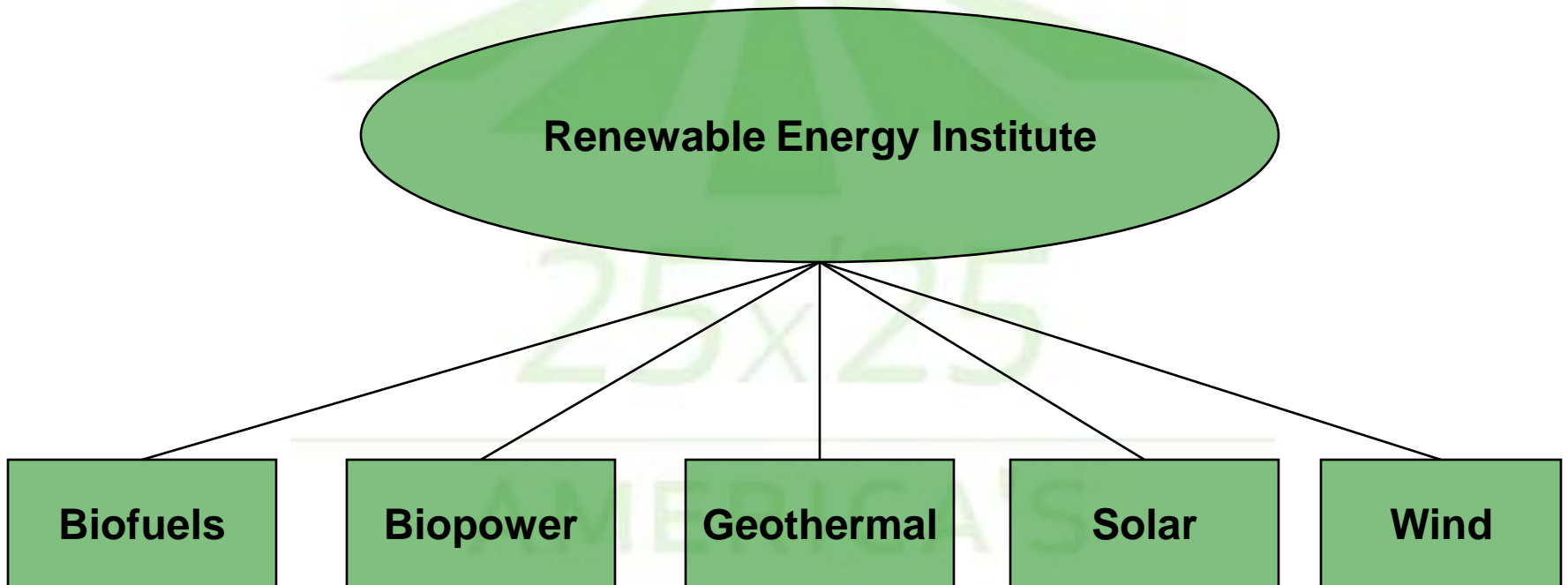
# The Institute Will:

- ✓ Serve as a “truth” center
- ✓ Serve as a referral agent for industry specific information requests; and
- ✓ Track and record progress on enabling policy.
- ✓ Provide third-party review of claims, approaches, and technologies;

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# Renewable Energy Institute

## Areas of Focus:



# Critical Challenges & Opportunities



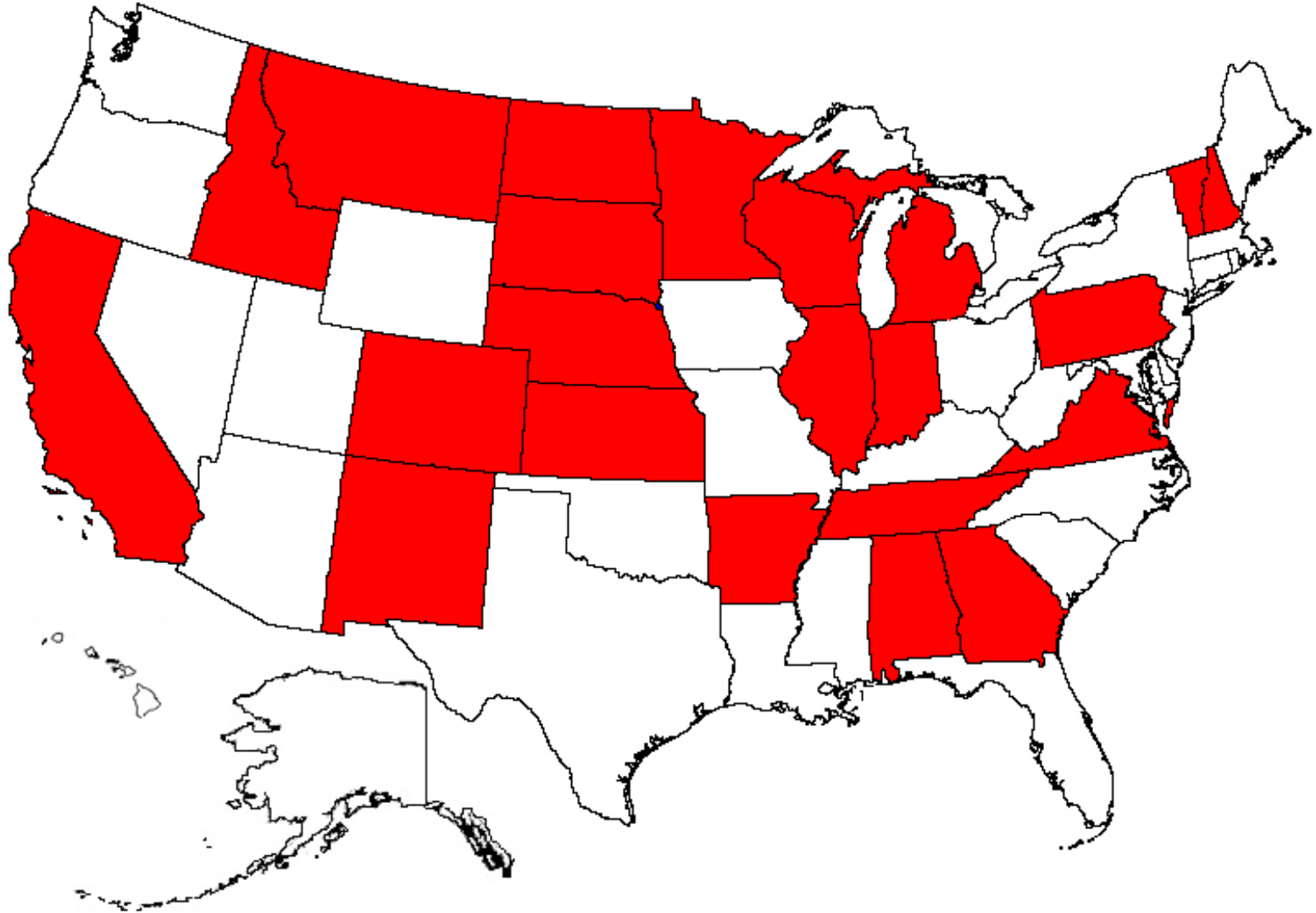
- Sustain the resource base
- Ag in a reduced carbon economy
- Biofuels
- Renewable electricity issues
- Infrastructure issues
- Public sentiment
- Capital availability

# Enable Public Policy

- Increase Renewable Energy production
- Increase research, development, & deployment
- Deliver Renewable Energy to markets
- Expand Renewable Energy markets
- Improve energy efficiency and productivity
- Strengthen conservation and environment
- Increase economic impact in rural U.S.

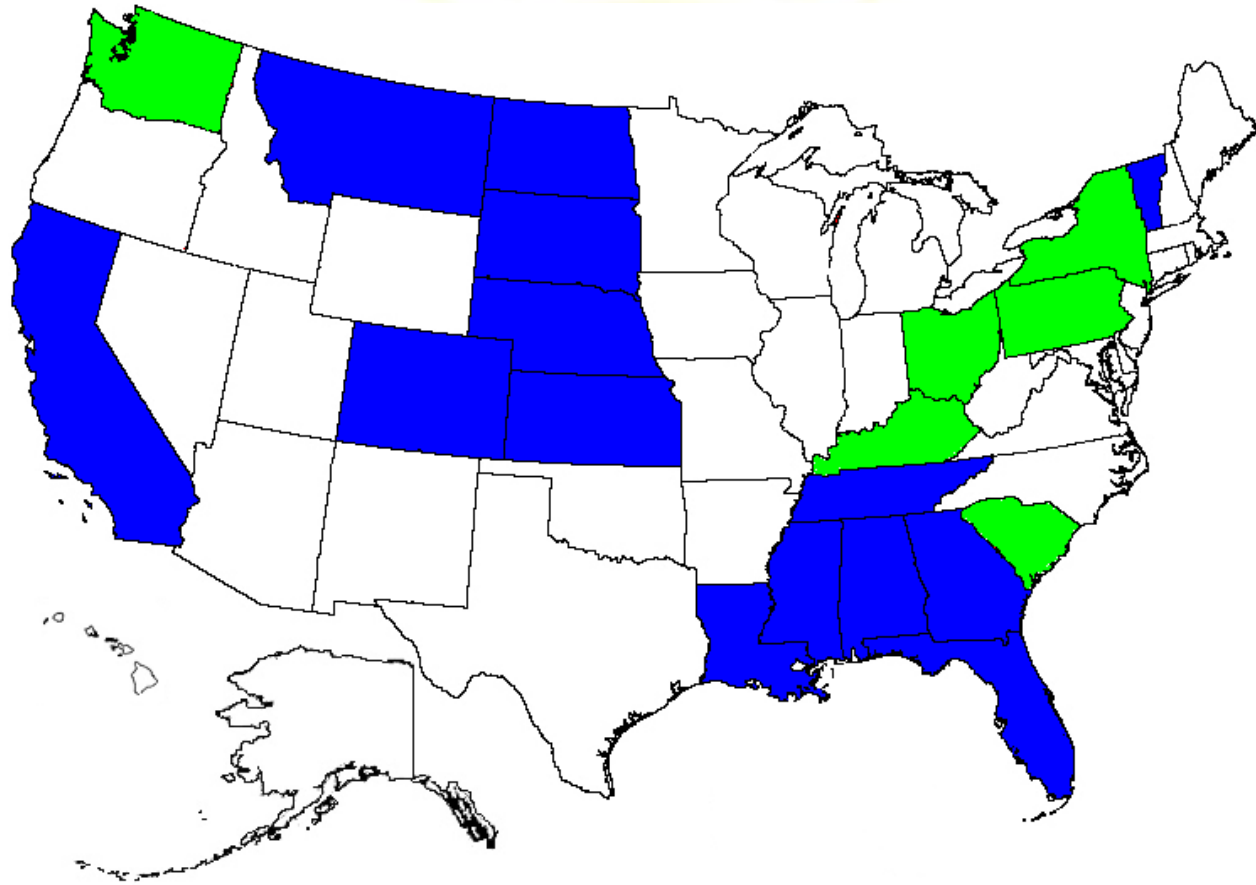
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# Governor Endorsements





# State Legislature Resolutions



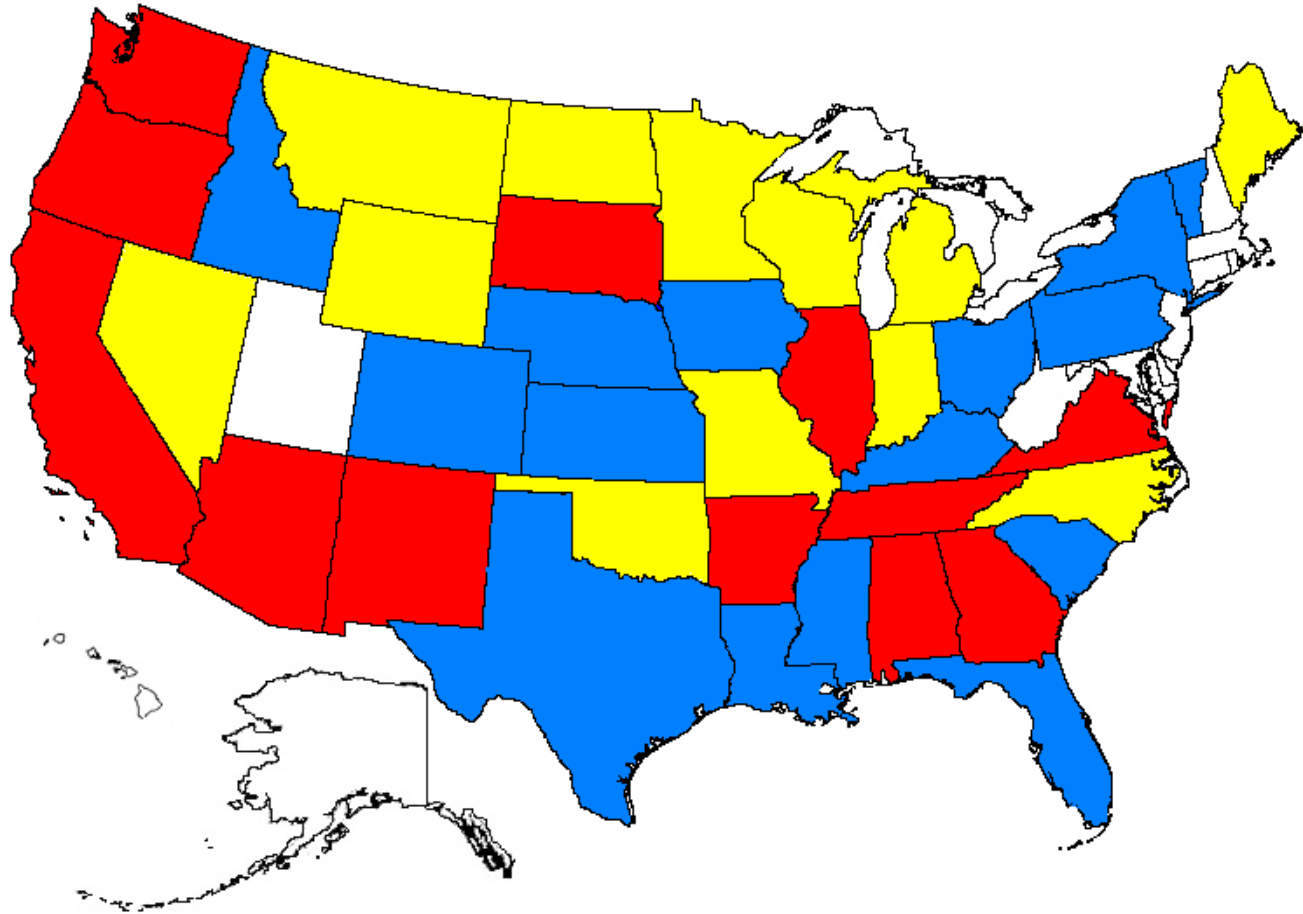
State Resolution Adopted



State Resolution Pending

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# State Alliances



- Active Alliances
- Forming Alliances
- Alliance Planning Underway

**Continued growth in biofuels and wind energy will put Illinois in the top tier of states that will benefit from a renewable energy future. In Illinois, the success of 25x'25 may result in:**


- ✓ 220,000 new jobs – many in rural areas
- ✓ \$40 billion in new economic output
- ✓ 4 million MW of renewable electricity (wind, hydro, and solar)
- ✓ 84 million tons of agricultural and cellulosic feedstocks
- ✓ 7 billion gallons of ethanol and 72 million gallons of biodiesel
- ✓ \$3 billion addition to farm income in Illinois

# INITIAL ILLINOIS GOALS



- Secure 25x'25 Partners in Illinois – Over 115 State and Regional Partners (most since March 2007) and many National Partners from Illinois.
- Secure Congressional support of 25x'25 Vision – Senators Durbin and Obama, Representatives Hare, Hastert, Johnson, Kirk, LaHood, Lipinski, Schakowsky, Shimkus, and Weller.
- Organize an IL 25x'25 Renewable Energy Alliance.

# ILLINOIS 25x'25 PARTNERS



- **Focus** – Agriculture, Academic, Economic Development committed to the vision of a renewable energy future
- **Agriculture** – County and state associations majority of Partners in IL
- **Academic** – Universities, Colleges, and Community Colleges
- **Economic Development** – Counties, towns, state and regional economic development and trade associations

# ILLINOIS 25X'25 PARTNERS

- Adams County Farm Bureau
- Agracel, Inc
- Association of Illinois S&WCDs
- Barnard's Soil Service
- Biomass Rules. LLC
- Bond County Farm Bureau
- Boomtown Institute
- Boone County Farm Bureau
- Brown County Farm Bureau
- Bureau County Farm Bureau
- CABER-Center for Advanced BioEnergy Research (UIUC)
- Carroll County Farm Bureau
- Cass-Morgan Farm Bureau
- Champaign County Farm Bureau
- Christian County Farm Bureau
- City of Barry
- City of Griggsville
- City of Pittsfield
- Clark County Farm Bureau
- Clay County Farm Bureau
- Community Bankers Association of Illinois
- Cook County Farm Bureau
- County of Pike
- County of Sangamon
- County of Scott
- Crystal Falls Productions
- Cumberland County Farm Bureau
- DeWitt County Farm Bureau
- Douglas County Farm Bureau
- DuPage County Farm Bureau
- EcoAchievers, LLC
- Economic Development Council of Central IL
- Edgar County Farm Bureau
- Effingham County Farm Bureau
- ePower Synergies, Inc.
- Fayette County Farm Bureau
- Fulton County Farm Bureau
- Gallatin County Farm Bureau
- Great Rivers Econ Dev Foundation (GREDF)
- Greene County Farm Bureau
- Grundy County Farm Bureau
- Hancock County Farm Bureau
- Henry County Farm Bureau
- Illinois Agri-Women
- Illinois Association of RC&D Areas
- Illinois Association of Regional Councils
- Illinois Corn Growers Association
- Illinois Grape Growers and Vintners Assn
- Illinois Institute of Rural Affairs (WIU)
- Illinois Rural Electric Company
- Illinois Soil Testing Association
- Illinois Solar Energy Association
- Illinois State Grange
- Jackson County Farm Bureau
- Jacksonville Regional Economic Development Corp
- Jasper County Farm Bureau
- Jo Daviess County Farm Bureau
- John Wood Community College
- K&C Machining
- Kankakee County Farm Bureau
- Kaskaskia Watershed Association
- Kendall County Farm Bureau
- LandPro, Inc
- Langhauser Assoc.
- LaSalle County Farm Bureau
- Lincoln Land Community College
- Lincoln Land FS
- Livingston County Farm Bureau
- Logan County Farm Bureau
- Macon County Farm Bureau
- Macoupin County Farm Bureau
- Mason County Farm Bureau
- Massac County Farm Bureau
- McDonough County Farm Bureau
- McHenry County Farm Bureau
- McLean County Farm Bureau
- Menard County Farm Bureau
- Menard County Farm Bureau
- Mercer County Farm Bureau
- Montgomery County Farm Bureau
- Moultrie County Farm Bureau
- Northwind Resources
- Ogle County Farm Bureau
- Perry County Farm Bureau
- Piatt County Farm Bureau
- Pike County S&WCD
- Pike County Chamber of Commerce
- Pike County Economic Development Corp.
- Pike County Farm Bureau
- Prairie Hills RC&D
- Pulaski-Alexander Farm Bureau
- Rieke Office Interiors
- Rock Island County Farm Bureau
- Saline County Farm Bureau
- Sangamon County Farm Bureau
- Schuyler County Farm Bureau
- Scott County Development Corporation
- Scott County Farm Bureau
- Scott County S&WCD
- Stephenson County Farm Bureau
- Tazewell County Farm Bureau
- Tri-State Development Summit (IL-IA-MO)
- Two Rivers FS
- Two Rivers RC&D
- Upper Mississippi, Illinois, and Missouri River Association (UMIMRA)
- USA Energy Independence Publications
- Vermilion County Farm Bureau
- Village of Hull
- Warren-Henderson Farm Bureau
- Wayne County Farm Bureau
- West Central Illinois Agricultural Research & Demonstration Center (Orr Farm Corp.)
- Western Illinois Corridor Council
- White County Farm Bureau
- Will County Farm Bureau
- Wind for Illinois
- Winnebago County Farm Bureau

# Possible Alliance Initiatives

- Encourage others to endorse 25x'25
- Pursue IL General Assembly adoption of the 25x'25 goal
- Engage the media (radio/paper/news/magazines) by publicizing endorsements and 25x'25 news at renewable energy sites
- Place a link to the 25x'25 website on partner websites
- Participate in state-level conferences, presenting, and exhibiting on 25x'25
- Reach out to county Boards to endorse 25x'25 and join the state alliance
- Host state-level renewable energy summits
- Promote renewable energy research and materials development for renewable energy education outreach work
- Develop a state-level action plan to achieve 25x'25

# Action Today



- Adopt Alliance Principles
- Alliance Name
- Interim Steering Committee
- Partner Communiqué
- Formal Announcement Venue



# PROPOSED ALLIANCE PRINCIPLES

- **Alliance Partners** must formally endorse the 25x'25 Vision of producing 25 percent of America's energy from renewable resources by the year 2025 and commit to working collaboratively with renewable energy champions to facilitate the implementation of 25x'25 goals to bring this Vision to life
- **Alliance Partners** commit themselves to operating within an atmosphere of collaboration and pledge to work in partnership with groups and individuals with diverse backgrounds, interests, and viewpoints.

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# Path Forward



- Document and Affirm the 25x'25 Vision
- Communications and Web Site
- Grow the 25x'25 Alliance in Illinois
- Partner Summit



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