

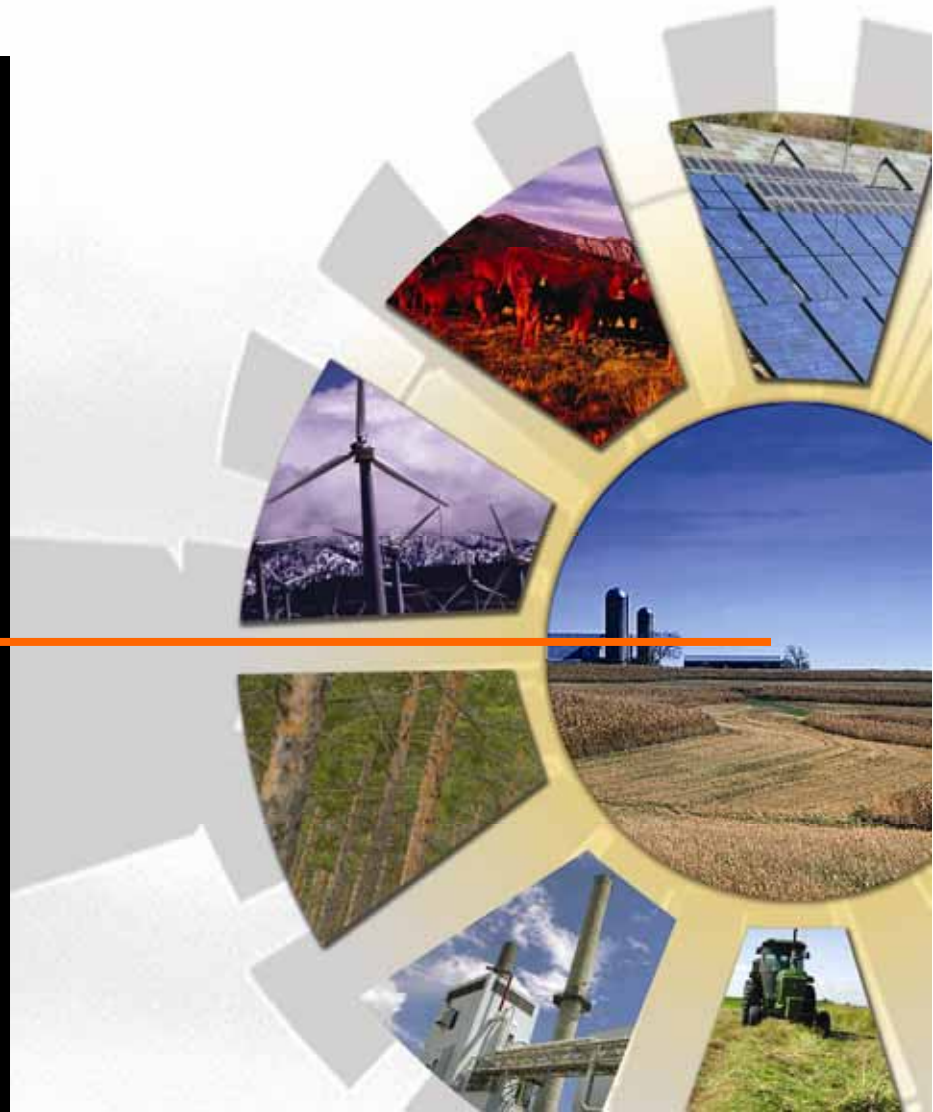
**25x'25 WORK GROUP**

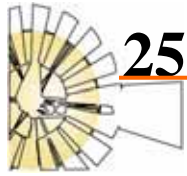
# American Agriculture: **Powering the Future**

*Presented to*

**Biomass and Wood Products  
Conference II**

March 15, 2006  
Denver, CO





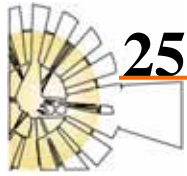
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# Search for New Energy Solutions

- Nonpartisan alliances
- Seeking changes in U.S. energy policy
- Focusing on economic, security and environmental challenges
- Working to forge a consensus on a new energy future





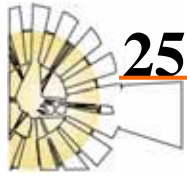
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Energy:

The Linchpin of Our Economy

- Fundamental to our prosperity
- Contributes to our quality of life
- Historically has been abundant and affordable



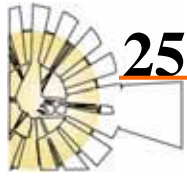


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Fossil based energy systems are not sustainable

- World oil reserves are limited in supply and located in volatile parts of the world
- Dependence on foreign oil is increasing

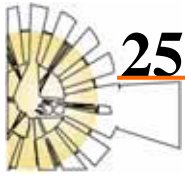




## **25x'25 WORK GROUP**

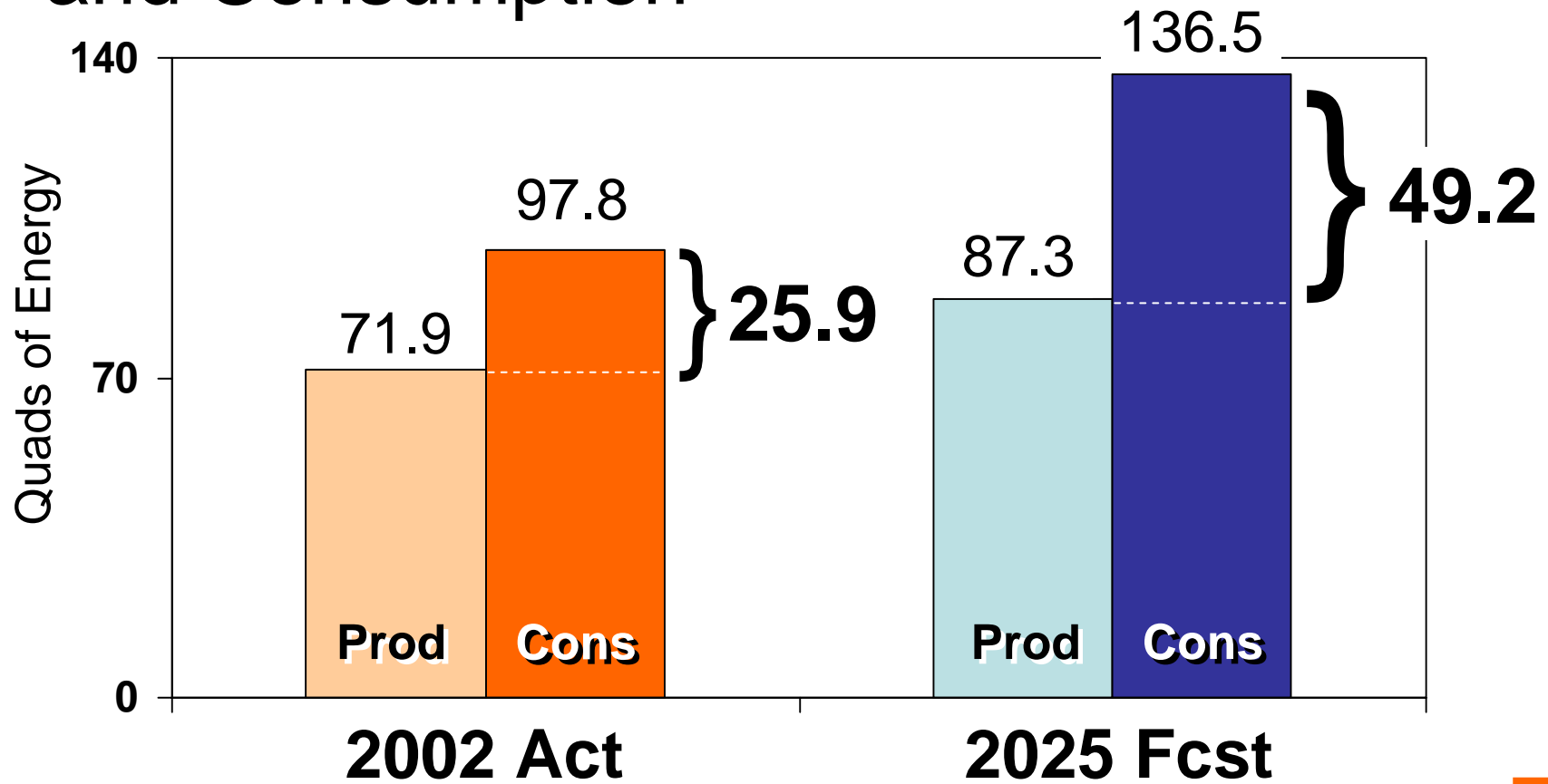
- Costs of oil, natural gas and electricity are skyrocketing
- Emissions from burning of fossil fuels are impacting the environment

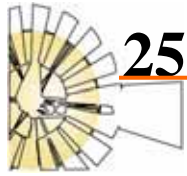




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# Total Domestic Energy Production and Consumption



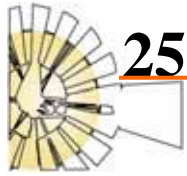


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### Ag Energy Project

- Formed in Spring 2004
- Organized to explore ag's role in energy production
- Phase 1-creating a vision
- Phase 2-building an ag energy alliance
- Phase 3-implementing strategy





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Phase One:

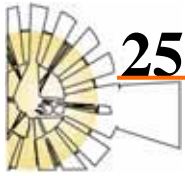
Development of a draft vision

Core questions:

- What role can the farm sector play?
- How big a contribution?
- What has to happen?





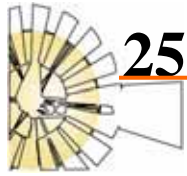


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### Our Conclusions:

- Agriculture can play a major role in helping the nation achieve energy independence.
- An enormous and historic opportunity is on the horizon.
- It is time for the ag sector to come together and work collaboratively to capitalize on these opportunities.





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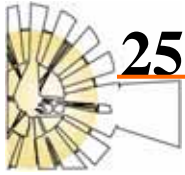
### Our Vision:

By the year 2025, renewable energy from the nation's farms, ranches and forests will comprise 25 percent of the total energy consumed in the United States.

# 25x'25

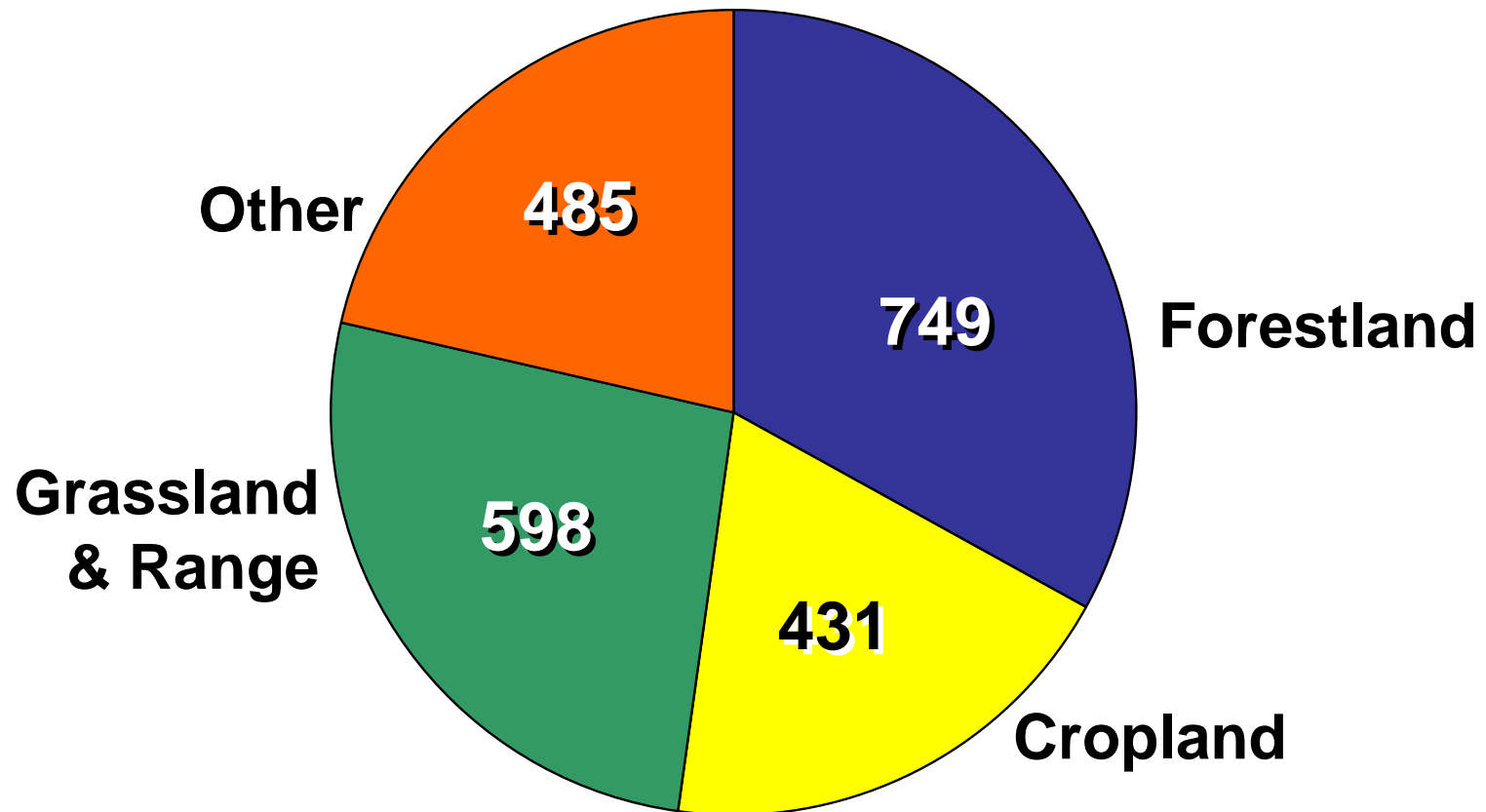
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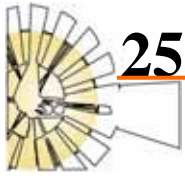
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Total Landmass U.S.  
2263 Million Acres



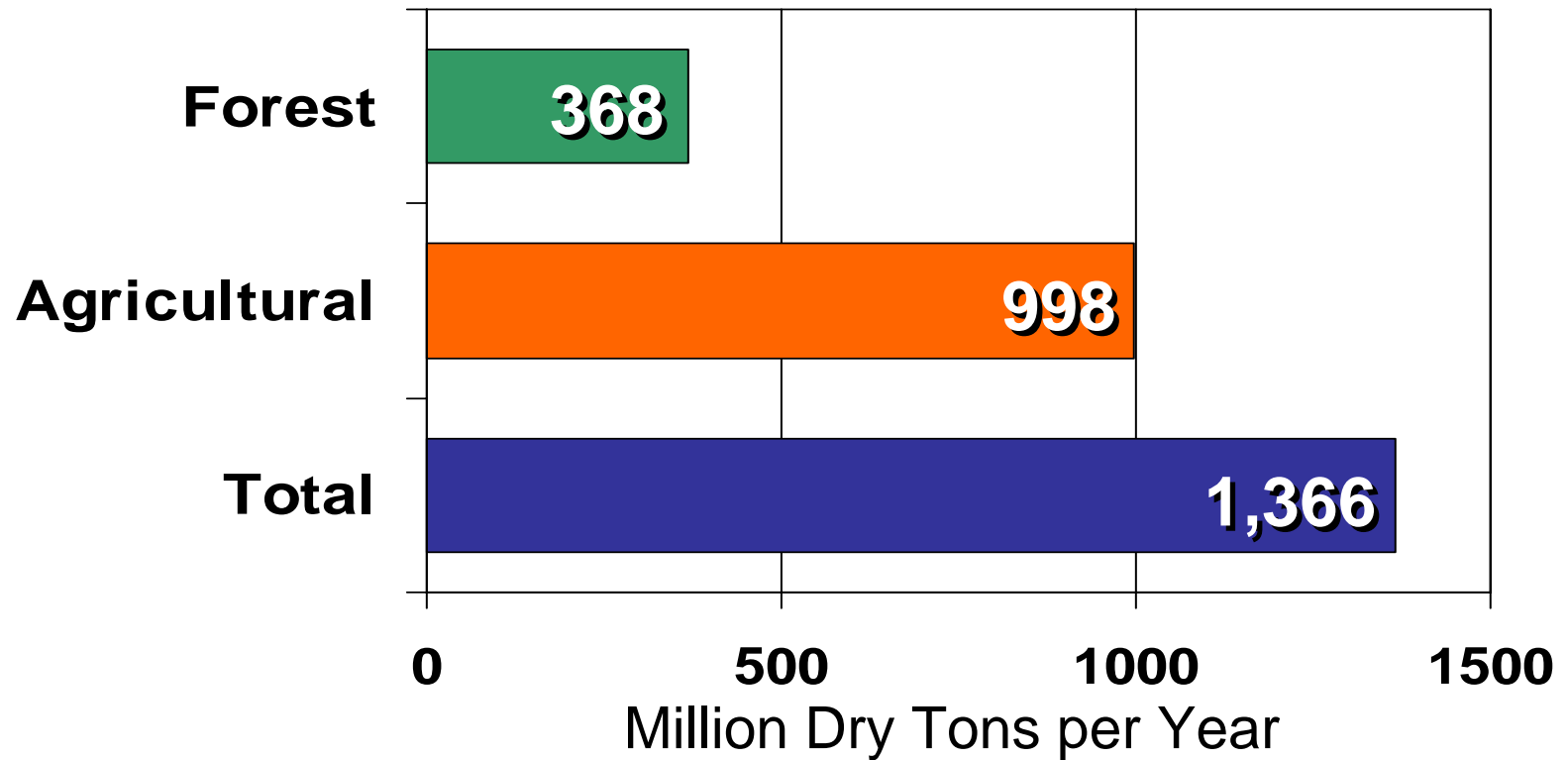
(All values in millions of acres)

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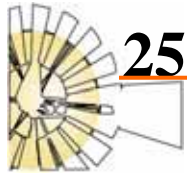
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# Biomass Potential



Source: April 2005; DOE / USDA Report

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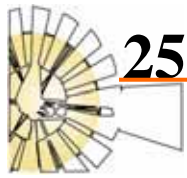


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Biomass is the Feedstock for:

- Ethanol
- Biogases
- Biodiesel
- Direct fired equipment

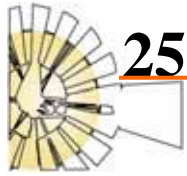




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# Wind / Solar Potential





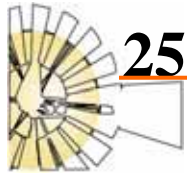
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We will meet this goal by:

- Producing transportation fuels
- Harnessing wind energy
- Converting biogas emissions
- Capturing solar energy
- Providing biomass for generating heat and power





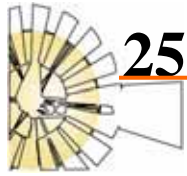


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This is a food, feed, fiber and fuel vision,  
that is economically viable for our society.

With emerging technology we can produce  
multiple commodities.



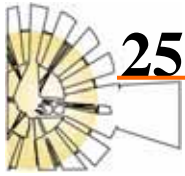


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What's in it for agriculture and forestry?

- Increased farm income
- Added value uses
- Alternative enterprises
- More productive uses of marginal lands
- Assist in resolution of air, water and soil quality problems
- Reduced reliance on government payments
- Enhanced rural economies



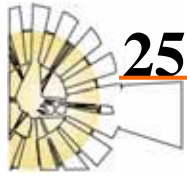


## 25x'25 WORK GROUP

2006 objectives:

- Expand national alliance
- Establish 25 x '25 as a national goal
- Form state level 25 x '25 alliances
- Construct an implementation plan



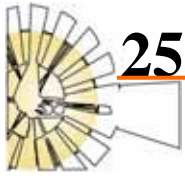


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### Alliance formation:

- To date, 70+ organizations have endorsed
- Preparing to reach out to non-ag partners
  - environmental
  - conservation
  - labor
  - religious
  - energy
  - others



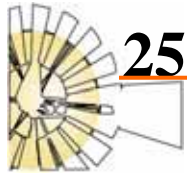


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### National goal

- By election day 2006, over 50% of the U.S. Congress will be on record in support of adopting 25 x '25 as a national goal

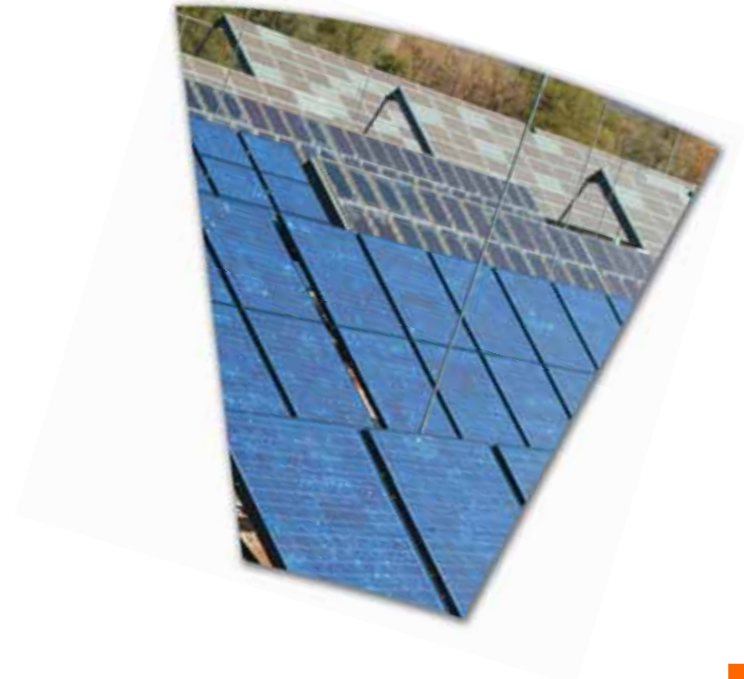


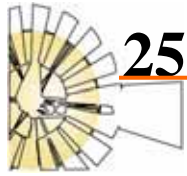


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### State alliances

- By September 1, 2006, state level 25 x '25 alliances will be operating in 20 states



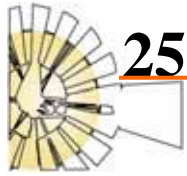


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### Role of alliances

- Ensure grass roots participation and ownership
- Vehicle to unite state level champions
- Channel support to national and state initiatives





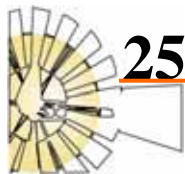
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### Implementation strategy

- Process begins in April
- Endorsing entities to construct plan







## 25x'25 WORK GROUP

# 25 x '25 Building Blocks

Enabling Federal  
and State Policy

Research,  
Development  
& Demonstration

Communications  
and Education

Appropriations

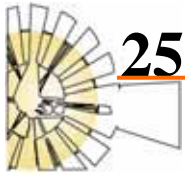
Coalitions  
and Outreach

Commercialization  
of Technology--  
new & emerging

Access to Capital

Infrastructure





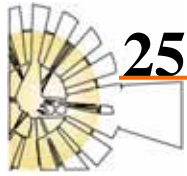
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### Conclusions:

We have the technology, capacity and leadership to offer new energy solutions.

These solutions will enhance farm income and strengthen rural communities.





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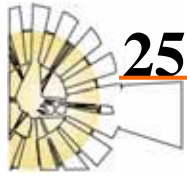
We Need Your:

- Involvement
- Insight
- Expertise
- Leadership skills



Please join us in bringing the  
vision of 25 X '25 to life.





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25x'25

AMERICA'S  
ENERGY FUTURE

[www.25x25.org](http://www.25x25.org)

