

25 x '25

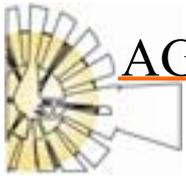
America's
Energy

Future
Presented to

WPA

June 7, 2007

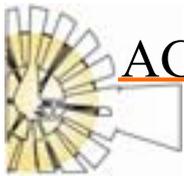




Energy: Lynchpin of Our Economy

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



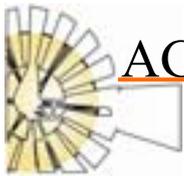


Fossil based energy systems are not sustainable.

World oil reserves:

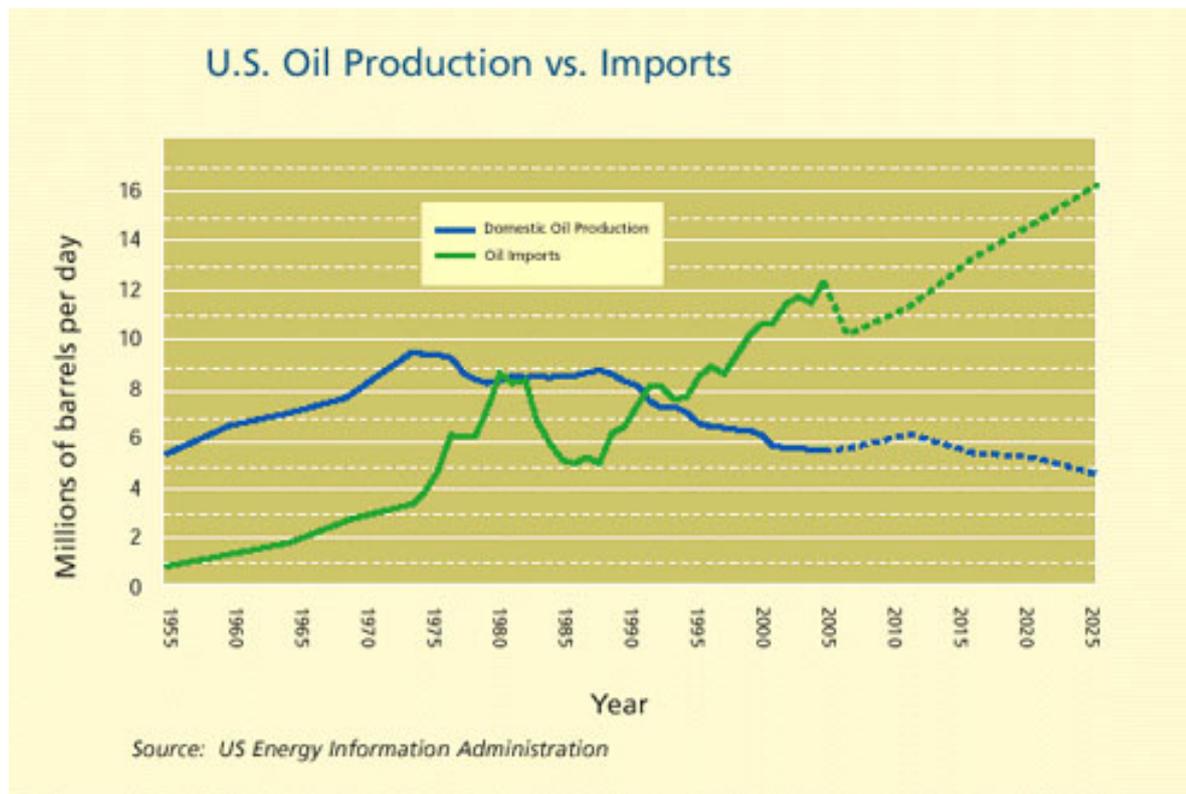
- Limited in supply
- Located in volatile parts of the world
- Can be affected by natural disasters

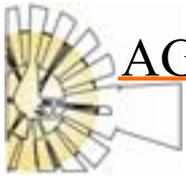




Dependence on Foreign Oil Is Increasing

- Compromises economic and national security

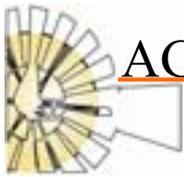




Costs of oil, natural gas and electricity are skyrocketing, driven by \$60+/barrel oil.

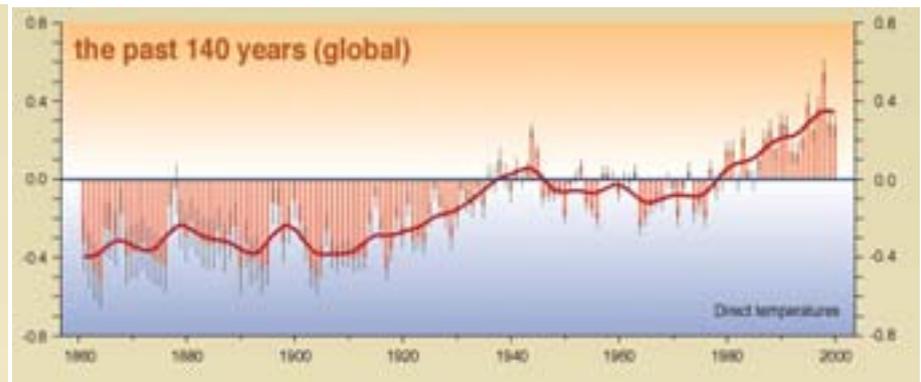
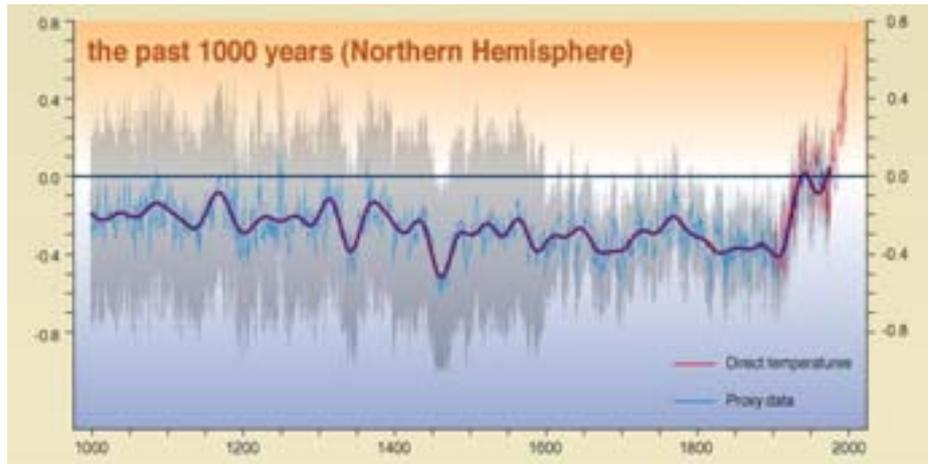
- Affects vitality of U.S. and world economies

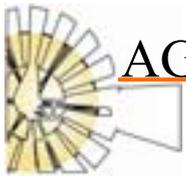




Emissions from burning of fossil fuels theoretically impact the environment.

Variations of the earth's surface temperature
[Departures in temperature in °C (from 1961-1990 average)]

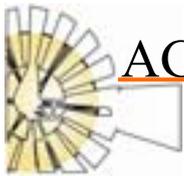




Three Central Challenges:

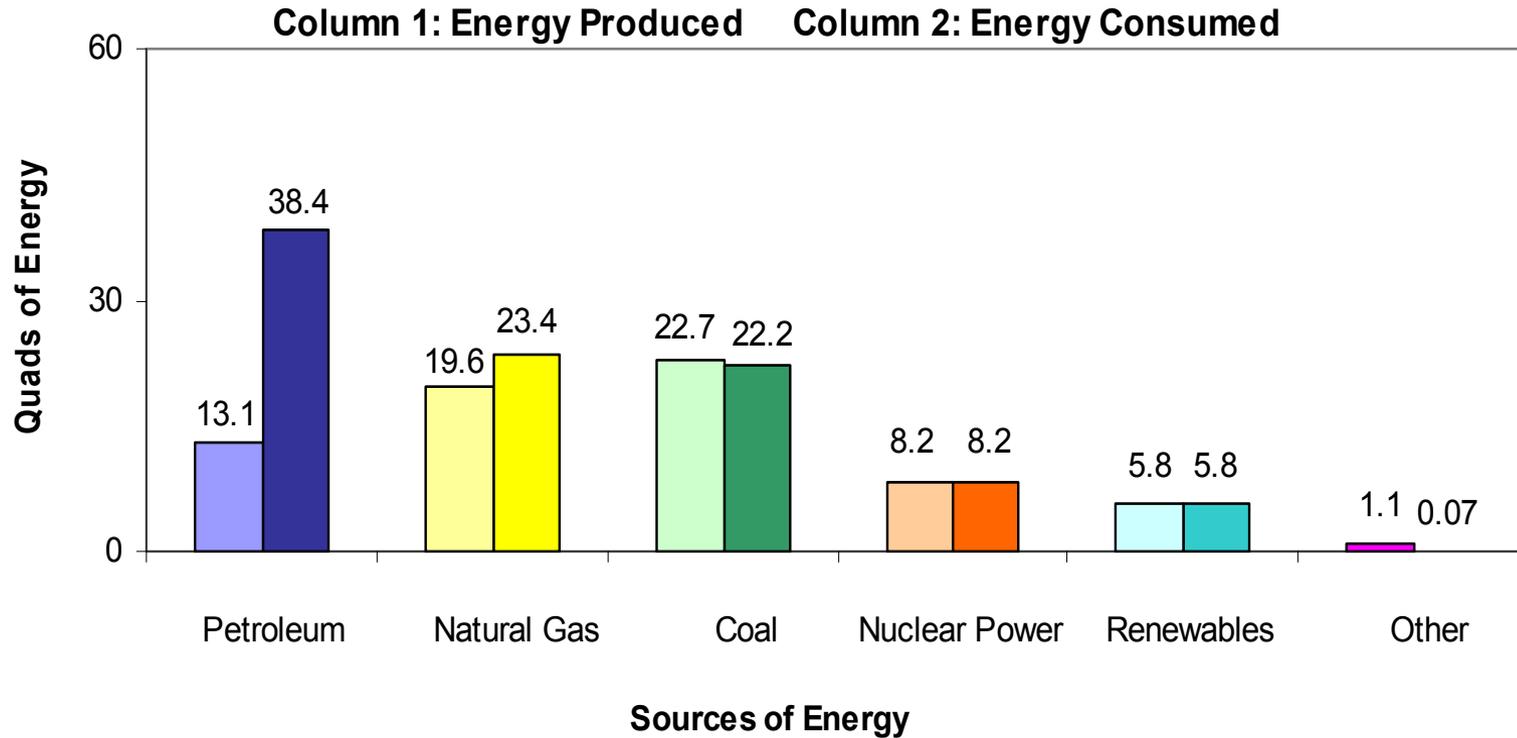
- National security
- Economic security
- Environmental protection

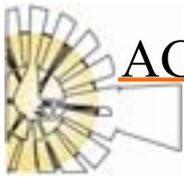




Current Energy Status

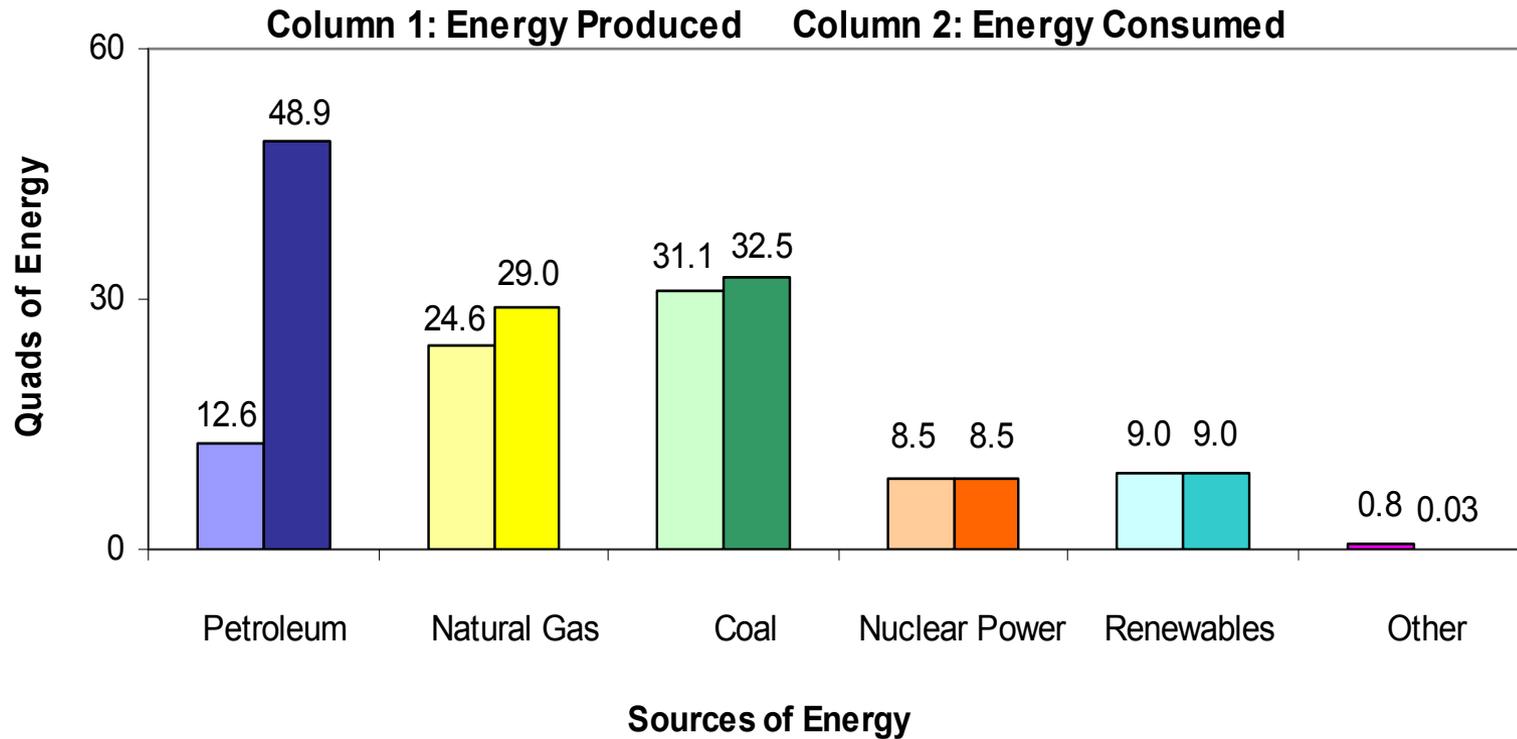
2003 Actual

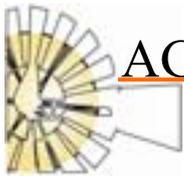




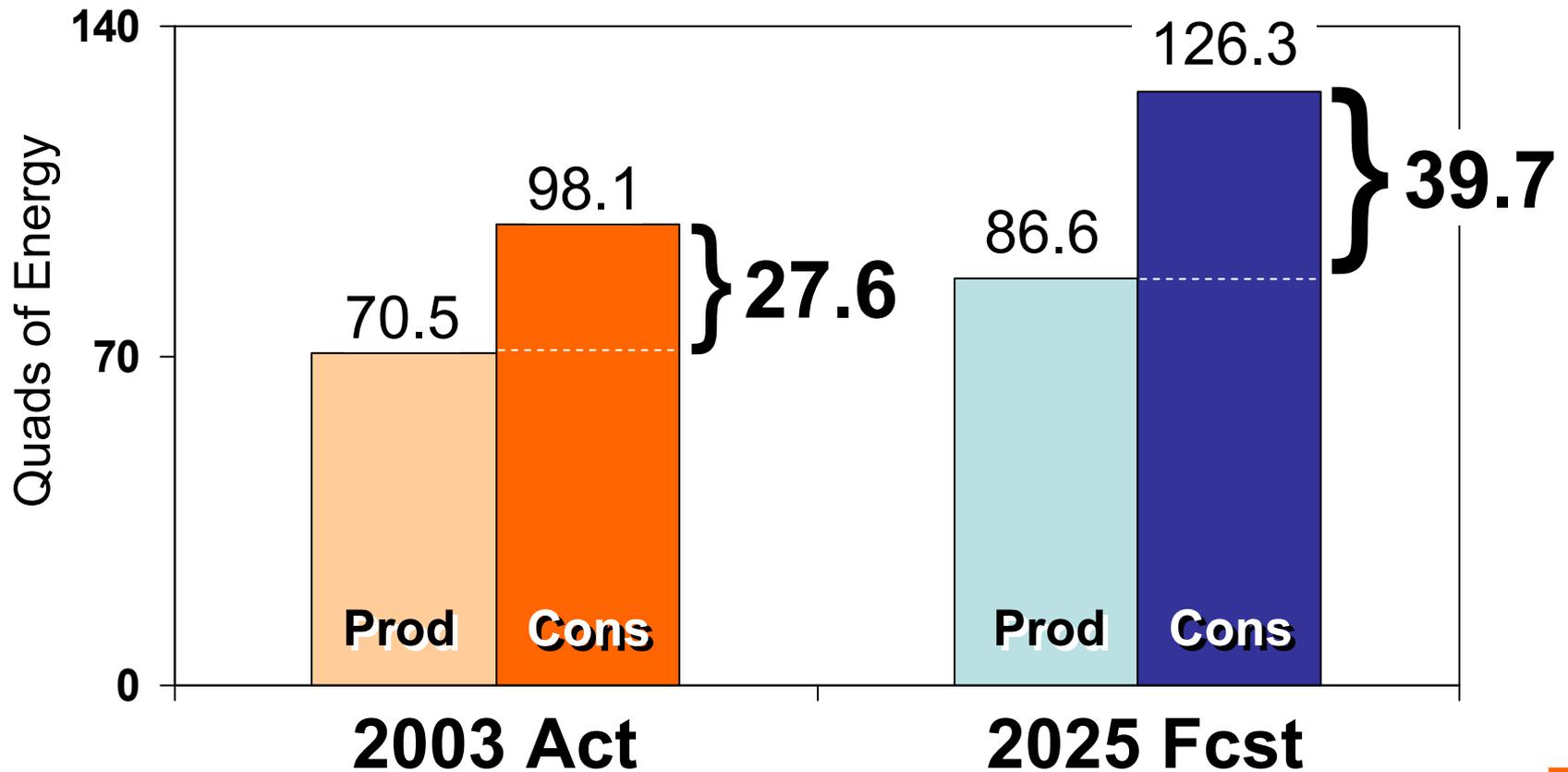
A Growing Challenge

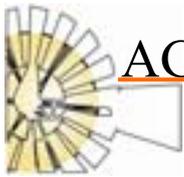
2025 Forecast





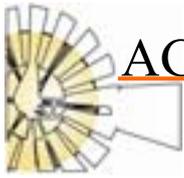
Total Domestic Energy Production and Consumption





Search for New Energy Solutions

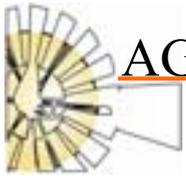
- Nonpartisan alliances
 - Seeking changes in U.S. energy policy
 - Focusing on economic, security and environmental challenges
 - Working to forge a consensus on a new energy future
-



Energy Future Project

- Formed in Spring 2004
- Organized to explore the nation's role in renewable energy production
- Phase 1: Creating a vision
- Phase 2: Building an ag energy alliance
- Phase 3: Defining implementation strategy

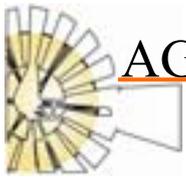




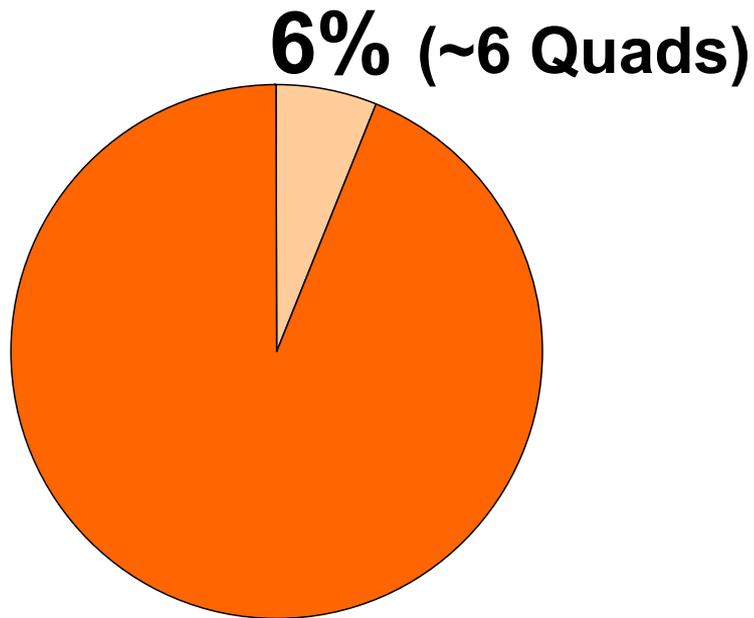
Our Vision:

By the year 2025, 25 percent of the total energy consumed in the U.S. will come from agriculture, agricultural and public lands, and related enterprises.

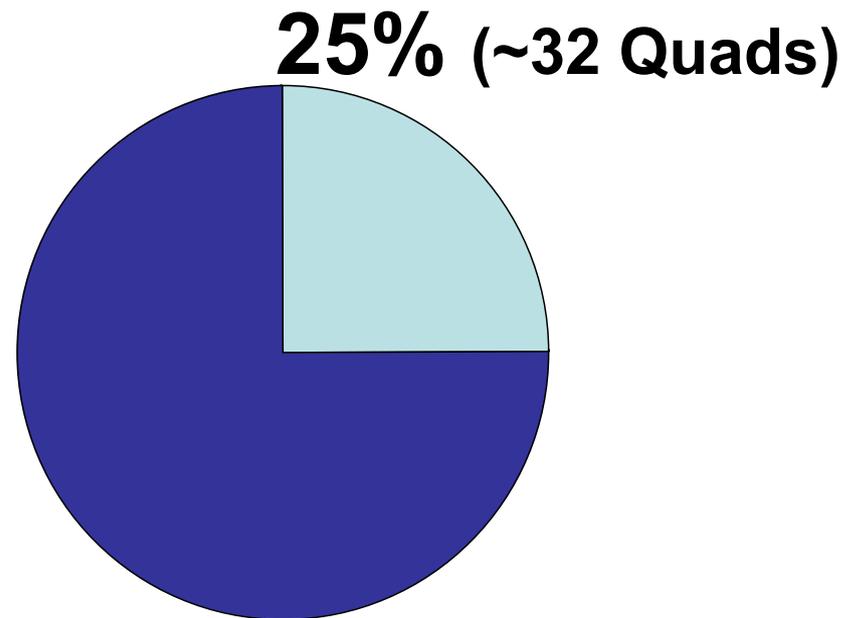
25 x '25



Renewable Energy Production

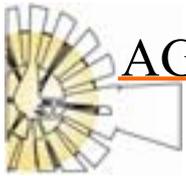


2003



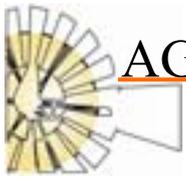
2025





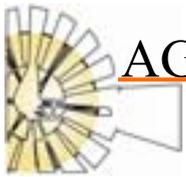
We will meet this goal by:

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



Wind / Solar

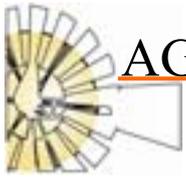




Biomass Is The Feedstock For:

- Ethanol
- Biogases
- Biodiesel
- Direct fired equipment

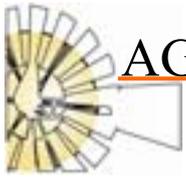




This is a food, feed, fiber and energy vision, that is economically viable for our society.

With emerging technology we can produce multiple commodities.

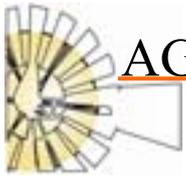




What's In It For The Nation?

- Enhance national security
- Improve the economy
- Assist in resolution of air, water and soil quality problems
- Significant enhancement for rural development and agriculture

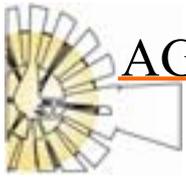




National Impacts of 25 x '25

- Economy – \$700 billion
- Employment – 5.1 million jobs

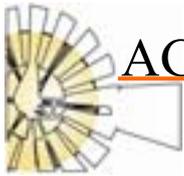




Our Position:

- The 25 x '25 goal is achievable.
- An enormous and historic opportunity is on the horizon.
- It is time for the nation, with the agricultural and forestry sectors coming together to work collaboratively to capitalize on these opportunities.

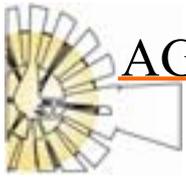




Current Areas of Focus:

- Strengthening the alliance
- Building awareness
- Sharing the economic analyses of 25 x '25
- Interfacing with corporations
- Developing support
 - Endorsements
 - Resolutions

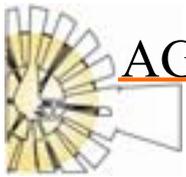




Conclusion:

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

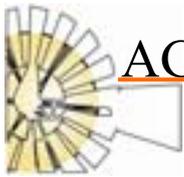




Why Now?

- Current fossil fuel-based energy system is no longer sustainable.
- Our nation and the world are looking for new energy solutions.
- Decision makers are taking a closer look at the opportunity to increase our utilization of renewable energy.



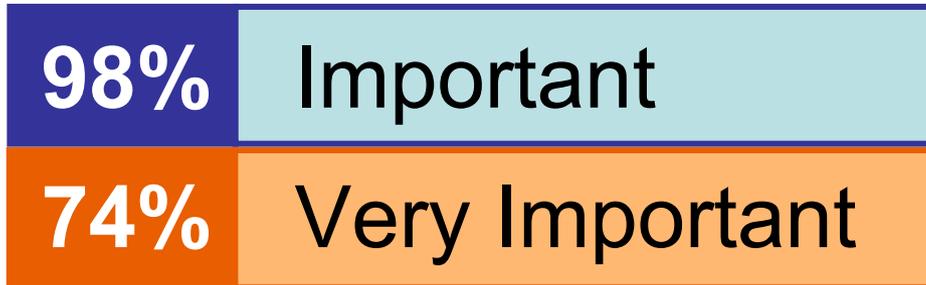


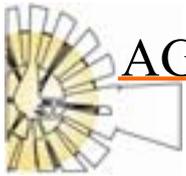
Public Opinion Survey

- Is 25 x '25 achievable?



- Is 25 x '25 an important domestic goal?



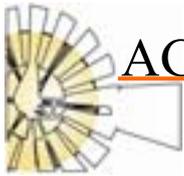


Public Opinion Survey

- Do voters support a new energy policy even if it costs billions more?

91%	Yes
9%	No





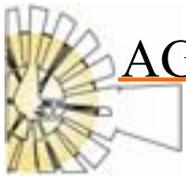
We Need Your:

- Involvement
- Insight
- Expertise
- Leadership skills



Please Join Us in Bringing the
Vision of 25 X '25 to Life.





25 x '25

America's
Energy
Future

