



25x'25

**AMERICA'S
ENERGY FUTURE**

**Biomass and
Energy for the
Great Lakes
Economy
Conference
“Biomass Barriers to
Development”**

June 8-9, 2008





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
 - create a vision
 - build an energy alliance
 - construct an implementation strategy
 - work to bring 25x'25 to life



Our 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.

25x'25



We will meet the 25x'25 goal by:

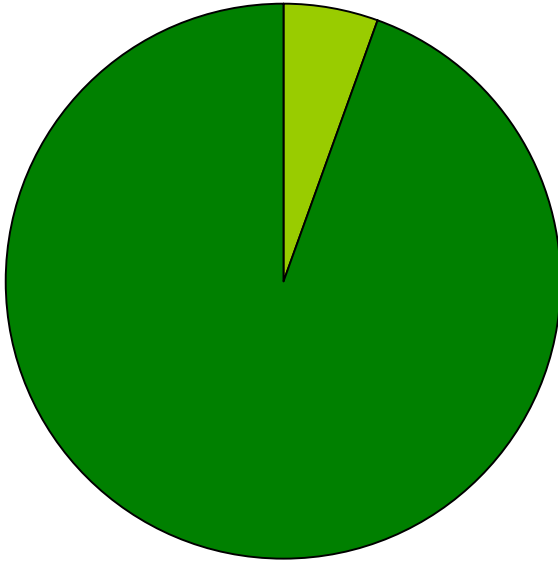
- Producing transportation fuels
- Harnessing wind energy
- Converting biogas emissions
- Capturing solar energy
- Providing biomass for generating heat and power



Getting to 25x'25

2004

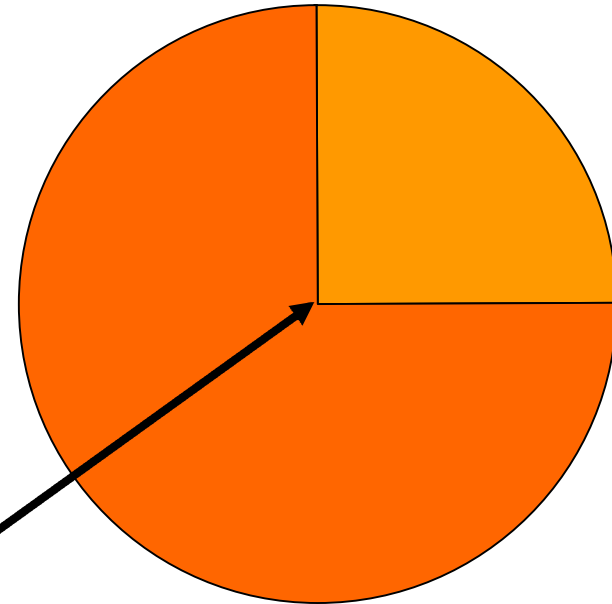
**5.74 Quads
Renewable Energy**



**99.7 Quads
Total Energy
Consumed**

Goal (2025)

**31.7 Quads
Renewable Energy**



**127.0 Quads
Total Energy
Consumed**

***University of Tennessee
Study Confirms the Vision
is Achievable!***



Nearly 700 partners including:

- American Farm Bureau Federation
- National Corn Growers Association
- Forest Landowners Association
- National Education Association
- Deere & Company
- Ford, Chrysler and GM
- American Wind Energy Association
- National Wildlife Federation
- Environmental Defense Fund



America's Energy Future

25x'25

25x'25 is now a national renewable energy goal!

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





Phase IV Mission:

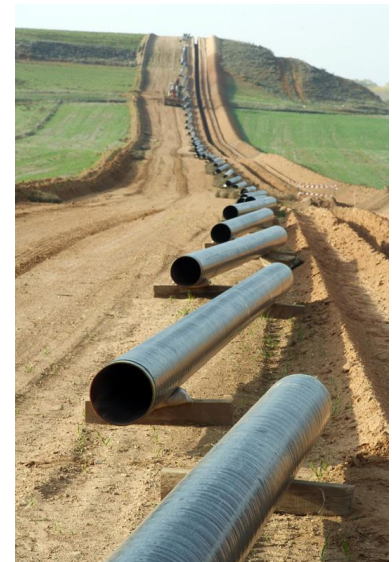
Document and affirm the fact that America's working lands can secure 25 percent of its energy needs from renewable sources while simultaneously;

- Producing abundant and affordable food, feed and fiber
- Protecting and enhancing the environment
- Strengthening national security and the economy



Critical Challenges & Opportunities

- Sustaining the resource base
- Role of agriculture and forestry in a reduced carbon economy
- Biofuel and infrastructure challenges
- Woody biomass contributions





Five Areas of Focus 25 X '25 and NY Farm Viability Institute

- Increasing production
- Delivering Energy to Markets
- Expanding Renewable Energy Markets
- Improving Energy Efficiency and Productivity Scale Issues
- Strengthening Conservation of Natural Resources and the Environment



America's Energy Future

Increasing Production





America's Energy Future

Delivering Energy to Markets





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Expanding Renewable Energy Markets





America's Energy Future

Improving Energy Efficiency and Productivity Scale Issues





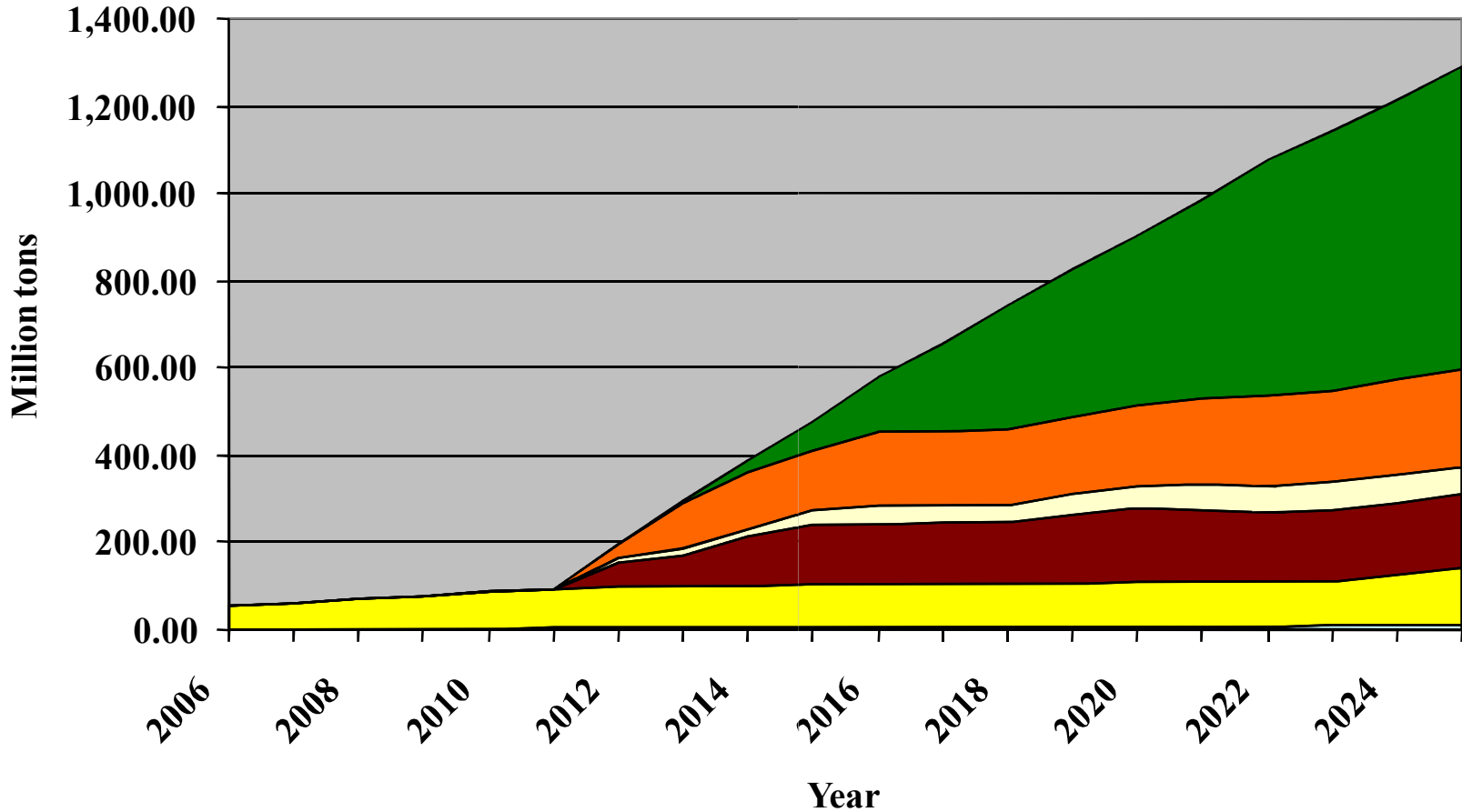
America's Energy Future

Strengthening Conservation of Natural Resources and the Environment





Feedstocks Used to Reach 25x'25



□ Soybeans □ Corn Grain ■ Wood Residue □ Straw □ Stover ■ Dedicated Energy Crops



America's Energy Future



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www.25x25.org