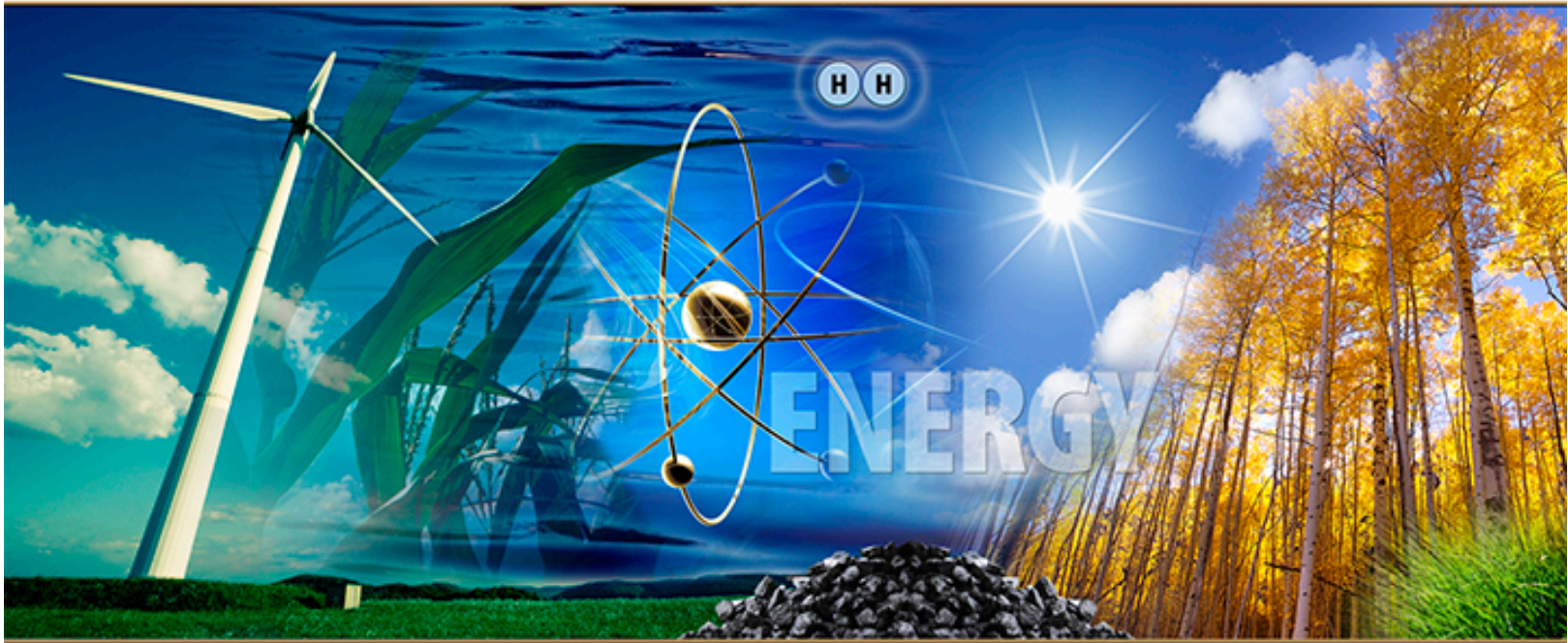




# Indiana Biomass Energy Working Group

**Chad Martin**

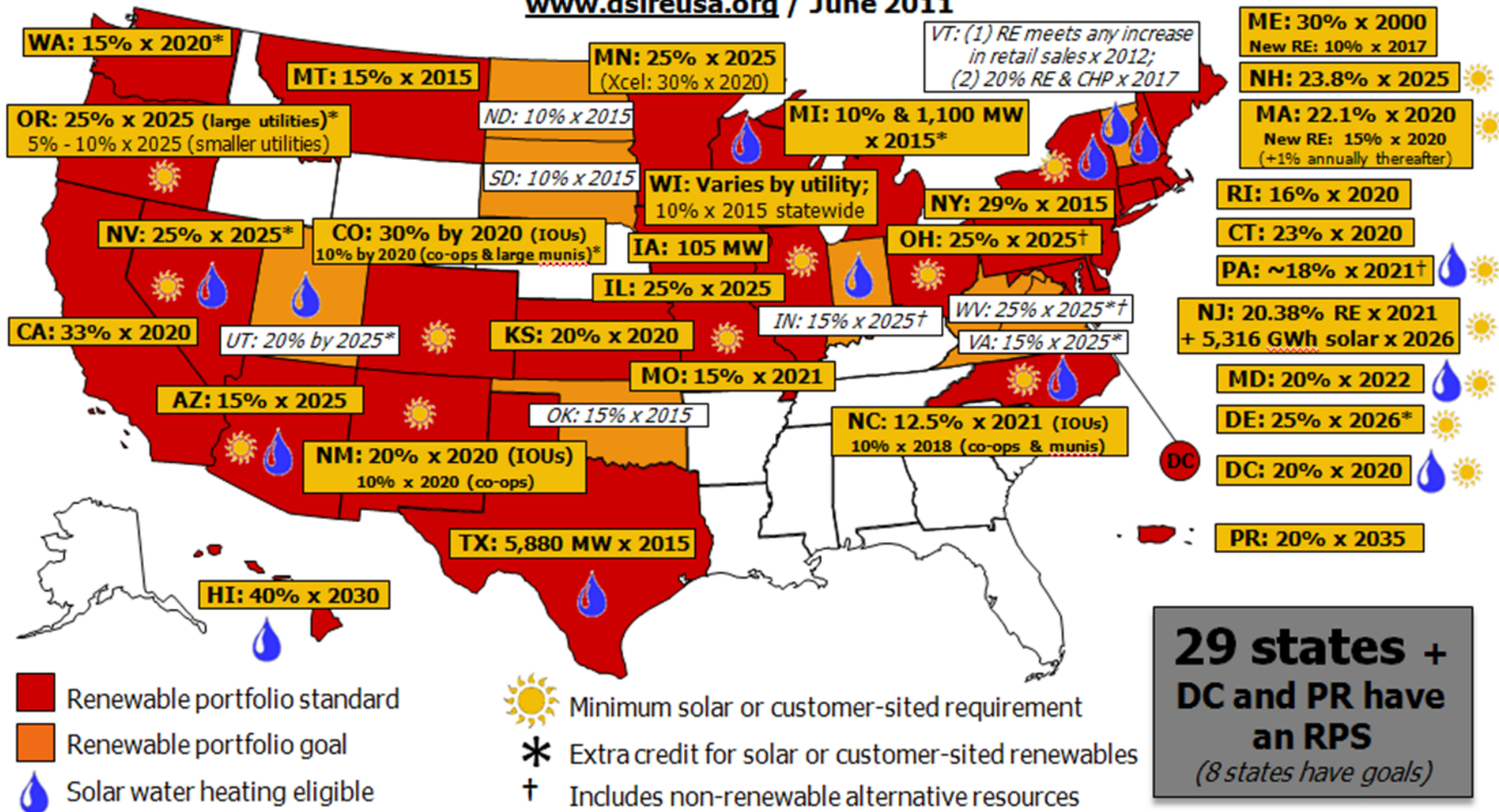
Renewable Energy Extension Specialist  
Agriculture & Biological Engineering



The Energy Center at Discovery Park will facilitate high-impact, multidisciplinary projects in support of Purdue's vision to be one of the global leaders in energy.

# RPS Policies

[www.dsireusa.org](http://www.dsireusa.org) / June 2011



**29 states + DC and PR have an RPS**  
(8 states have goals)

# Indiana Biomass Energy Working Group

Established, 2008

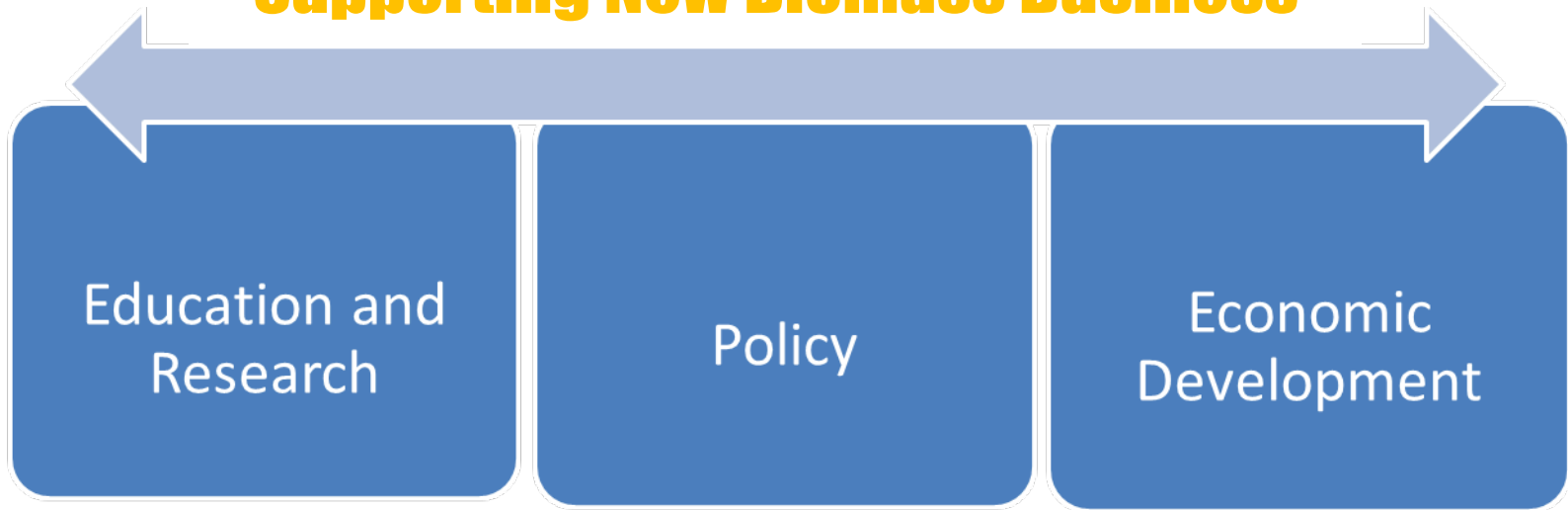
[extension.purdue.edu/renewable-energy](http://extension.purdue.edu/renewable-energy)

## Mission Statement

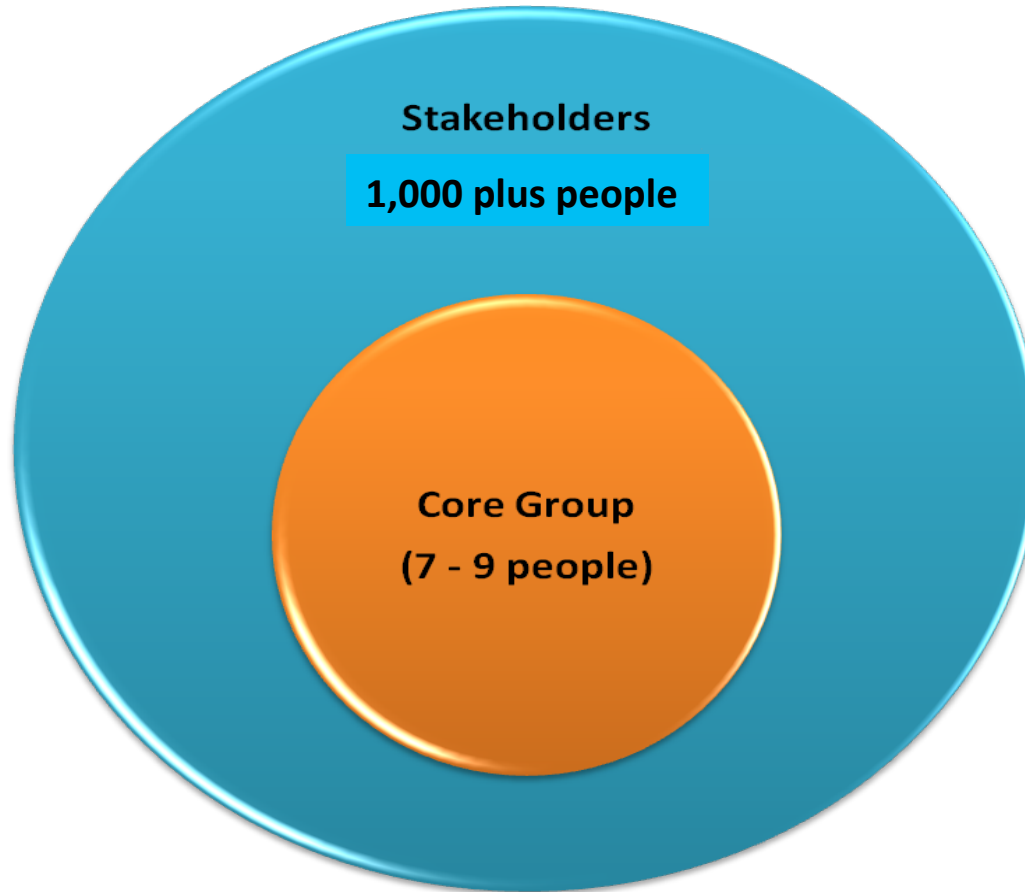
The Indiana Biomass Energy Working Group is a consortium of stakeholders from the industry, state and federal government, trade organizations, universities and citizenry working together to create a climate in the state of Indiana that would foster the growth of a viable renewable energy industry, protect our environment, provide energy security and green jobs in our communities. This will be done through educational programming and networking among stakeholders.



## Supporting New Biomass Business



## Scope of the Working Group



## Financial Support

- CENUSA Bioenergy, (USDA NIFA CAP Program)
- Indiana Corn Marketing Council/Indiana Soybean Alliance
- Indiana Office of Energy Development
- Purdue Extension
- USDA Rural Development
- Private Contributions





## **Established a list of initial key players within the state**

- Cary Aubrey – ISDA
- Mike Hudson – I.Power
- Daniela Klesmith – IDEM
- Travis Murphy – OED
- Miriam Robeson – Local County Planning Commission
- Daryl Smith – Local Economic Development
- Frank Starr - ESG, Inc.
- Ron Steuterman – Energy Center at Discovery Park,  
Purdue

## Areas of Biomass Opportunities Addressed

- Biomass to Heating
  - St. Mary of the Woods College, Terre Haute
- Woody Biomass Harvesting, Purdue Ag Research
- Anaerobic Digestion
  - Dairy, Beef cattle/Swine, Duck Processing
- Aviation Biofuels from Drop-in Biofuels
- Transportation Biofuels Policy
- Conflict Resolution for integrating Biomass Energy into Communities
- Biomass Energy Project Investment
- CENUSA Bioenergy





## **Important Outcomes of the Working Group**

- Integral in the listening sessions for the creation of the IDEM Rule for Biomass Waste to Energy Facilities
- Spawned the Indiana Anaerobic Digestion Task Force
- Demonstrating out new research and technology development for biomass utilization for energy
- Engagement with Purdue research in the areas of cellulosic energy crop water use sustainability
- Countless connection building across business, government, academic, and public sectors

# Thank you!

**Chad A. Martin**

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Visit our website:

[www.extension.purdue.edu/renewable-energy](http://www.extension.purdue.edu/renewable-energy)