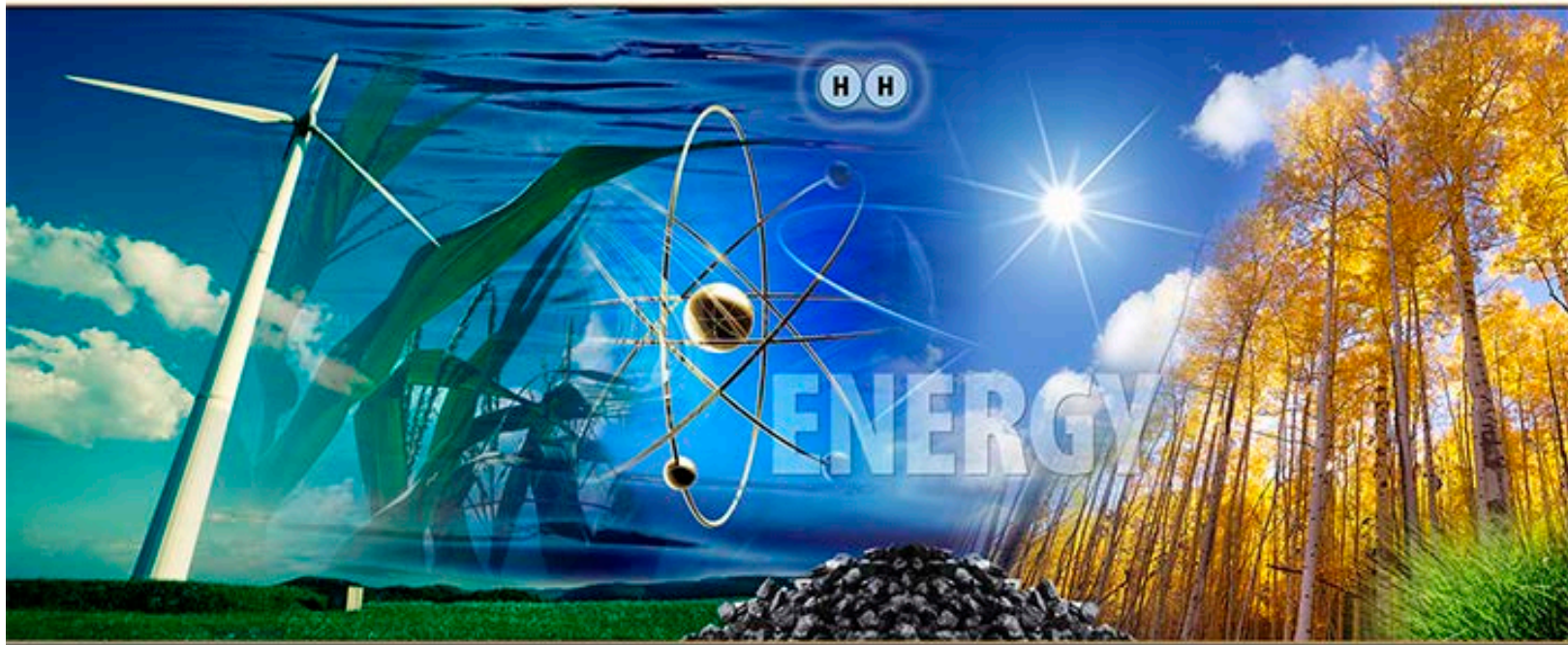




Working Group Extension Programming Model

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.

Indiana Biomass Energy Working Group

Established, 2008

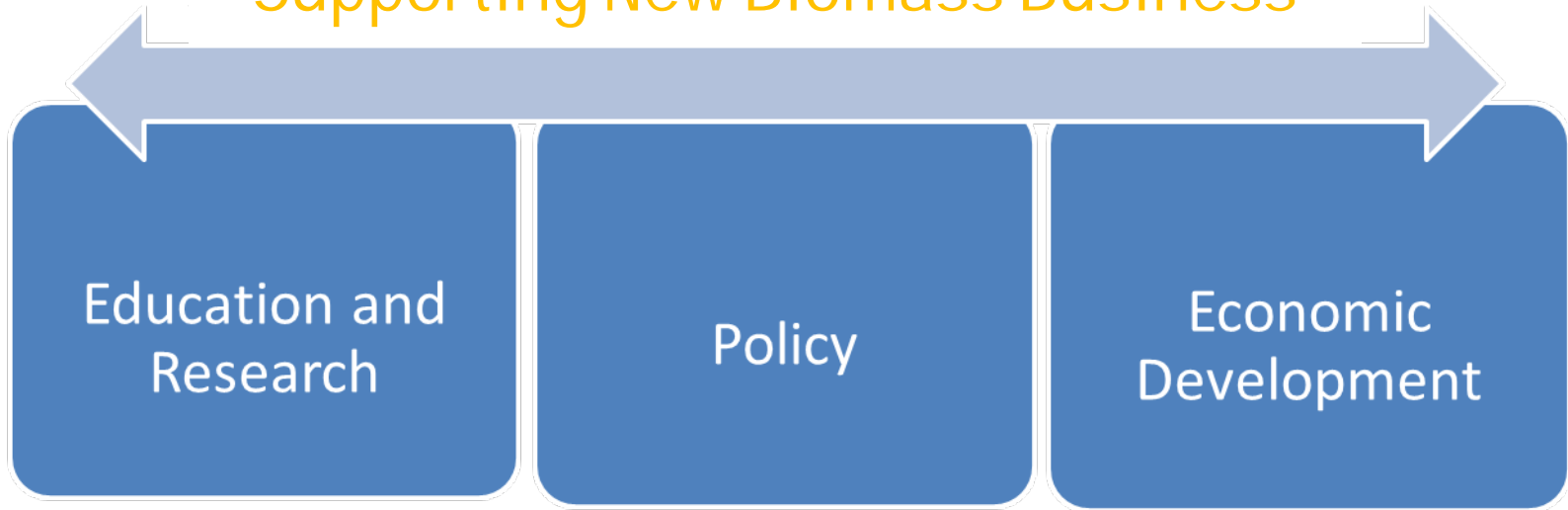
extension.purdue.edu/renewable-energy

Mission Statement

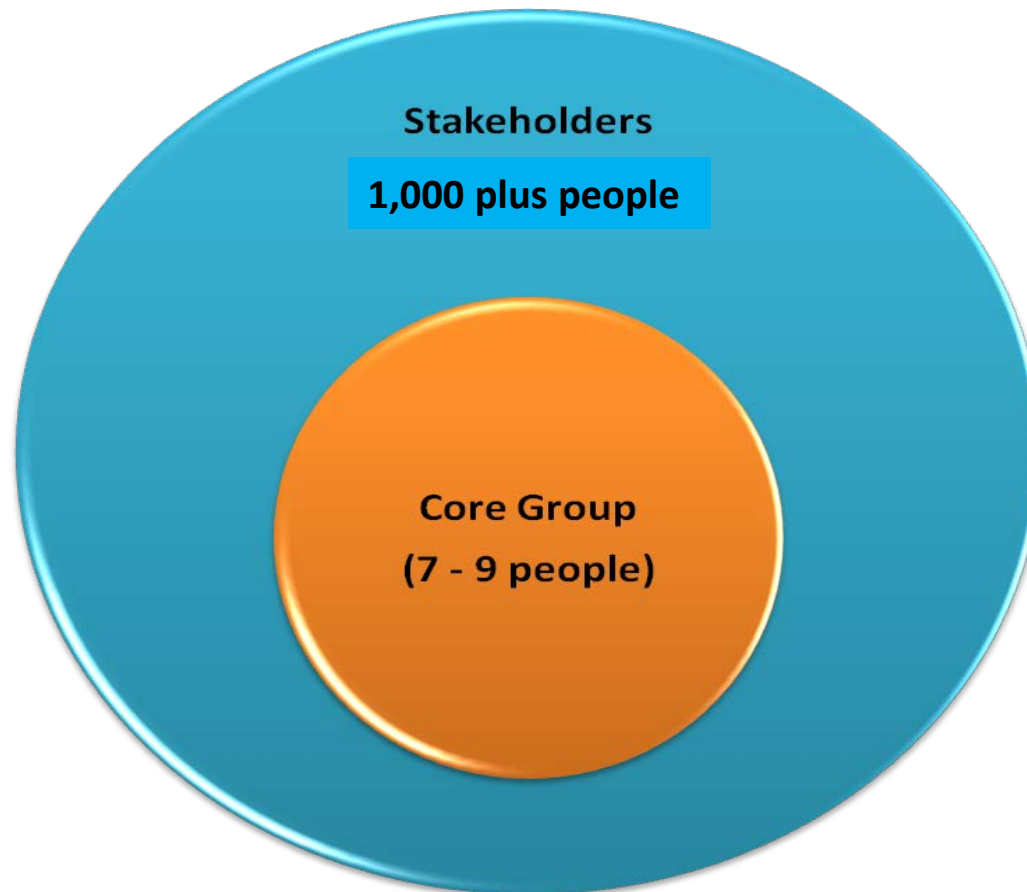
The Indiana Biomass Energy Working Group is a consortium of stakeholders from the industry, state and federal government, trade organizations, universities and citizenry working together to create a climate in the state of Indiana that would foster the growth of a viable renewable energy industry, protect 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

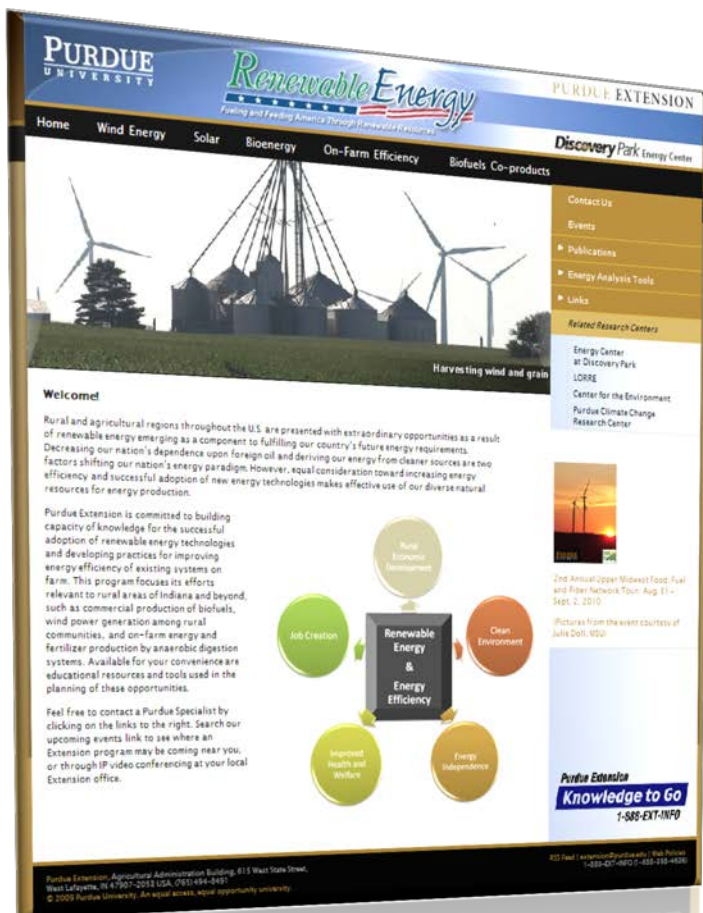




Important Outcomes of the Working Group

- 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!



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Visit our website:

www.extension.purdue.edu/renewable-energy