

# Statewide Wood Energy Teams

Brian Becker

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# Statewide Wood Energy Teams



- ▶ What they are
- ▶ Where they are
- ▶ Who they are
- ▶ Services provided

# Statewide Wood Energy Teams



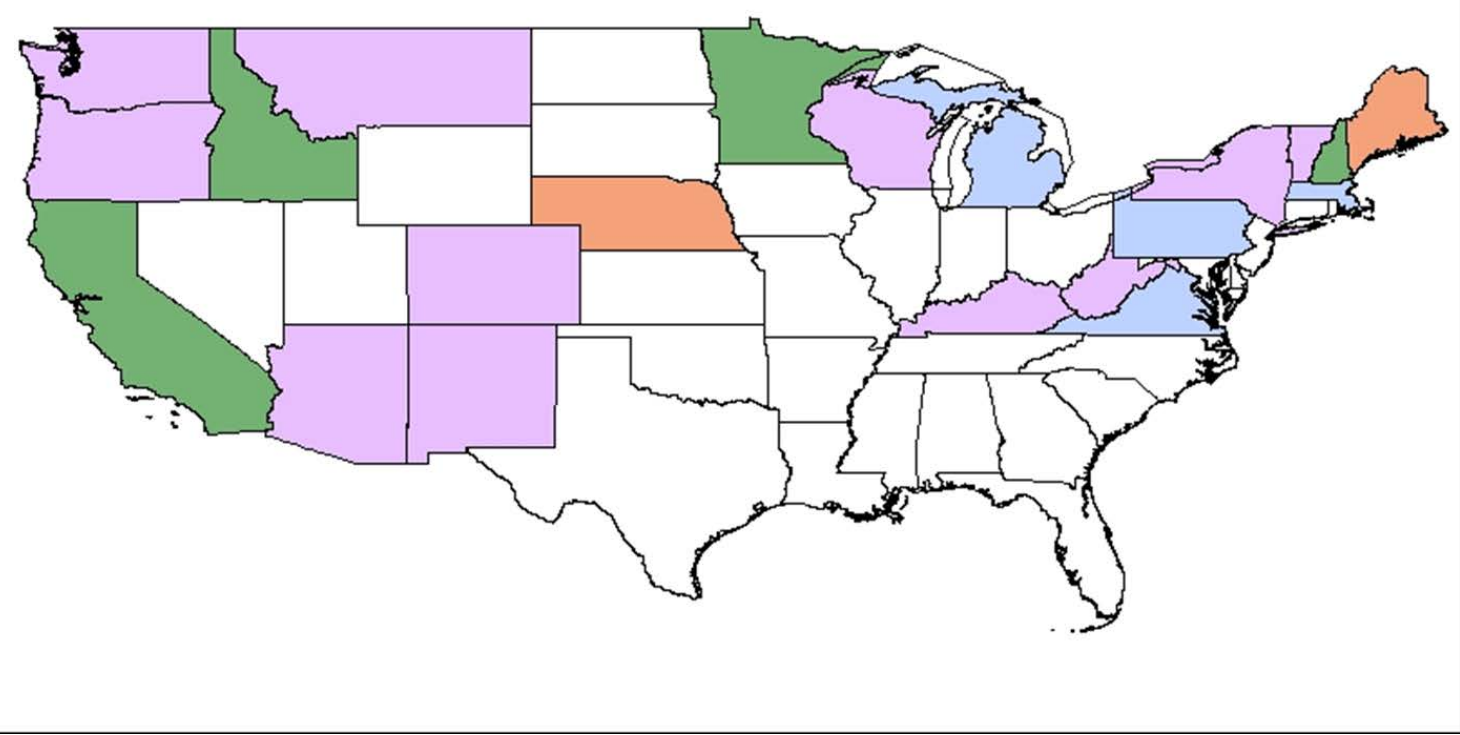
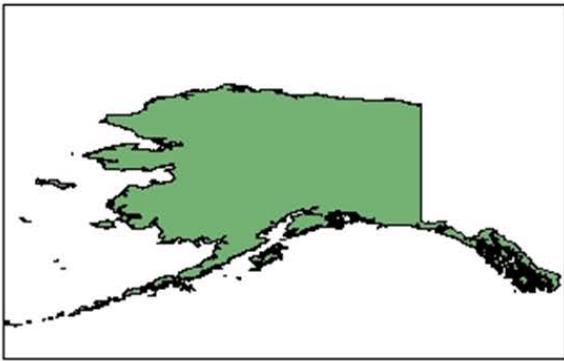
- ▶ Promote commercially proven wood energy systems and expand markets for woody biomass to support:
  - ▶ wildfire mitigation,
  - ▶ forest restoration and,
  - ▶ other forest management goals.
- ▶ Develop clusters or larger projects that support the viability of businesses in the supply chain.
- ▶ Prefeasibility and preliminary engineering assessments.
- ▶ Education and outreach to support the installation of commercially available wood energy systems in the public and private sectors.
- ▶ Innovative approaches to managing and financing wood energy project development.

# Statewide Wood Energy Teams



Statewide Wood Energy Teams

- 2016 SWETS
- 2015 SWETS
- 2014 SWETS
- 2013 SWETS



# Statewide Wood Energy Teams



## ▶ Leads:

- ▶ State Energy Offices - Alaska, Idaho, Kentucky and Wisconsin
- ▶ State Forestry or Natural Resources Department - Arizona, Colorado, Maine, Minnesota, Montana, Oregon, Vermont and Washington
- ▶ University and Extension - Nebraska, Michigan, Pennsylvania and West Virginia
- ▶ NGOs - California, Massachusetts, New Hampshire, New Mexico, New York, and Virginia

# Statewide Wood Energy Teams



- ▶ Education and Outreach
- ▶ Technical Assistance
- ▶ Project development
  - ▶ Prefeasibility screenings
  - ▶ Preliminary engineering
  - ▶ Assist with securing financing

# Virginia Community Wood Energy Program



Center for  
Natural Capital

Economic Development through Healthy Ecosystems



# Virginia Community Wood Energy Program

- ▶ Raise awareness and advance the use of wood fuels for energy, with a focus on thermal and/or combined heat and power
- ▶ Identification of potential wood energy locations and underutilized wood fuel sources
- ▶ Assist wood energy development with free pre-feasibility screenings and provision of engineering support to promising candidate locations





# Virginia Community Wood Energy Program

- ▶ Outreach to:
  - ▶ Local government administrators and elected officials
  - ▶ School superintendents and school boards
  - ▶ Directors of maintenance
  - ▶ Associations
- ▶ Database of boilers and capital improvement plans



# Virginia Community Wood Energy Program

- ▶ Challenges:
  - ▶ Short heating season
  - ▶ Public perception
  - ▶ Loss of demonstration projects
- ▶ Opportunities:
  - ▶ Local jobs, rural economic activity and forest health resonates
  - ▶ Leverage Chesapeake Bay and invasive species control



# Virginia Wood (and Grass) Energy



Matthews  
State  
Forest

Ferrum College

Piedmont  
Geriatric  
Hospital

Longwood University



# Thank you!

Brian Becker

Manager, Virginia Community Wood Energy Program

[brian@naturalcapital.us](mailto:brian@naturalcapital.us)



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Natural Capital  
Economic Development through Healthy Ecosystems



**DM** Virginia  
**ME** Department of  
Mines Minerals  
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