



Julie Tucker,
National Lead for Renewable Wood Energy
U.S. Forest Service

Fire Direction



Thinned



Homes

Managing forests with high wildfire risk

Chadron State College, NE: 24 yrs



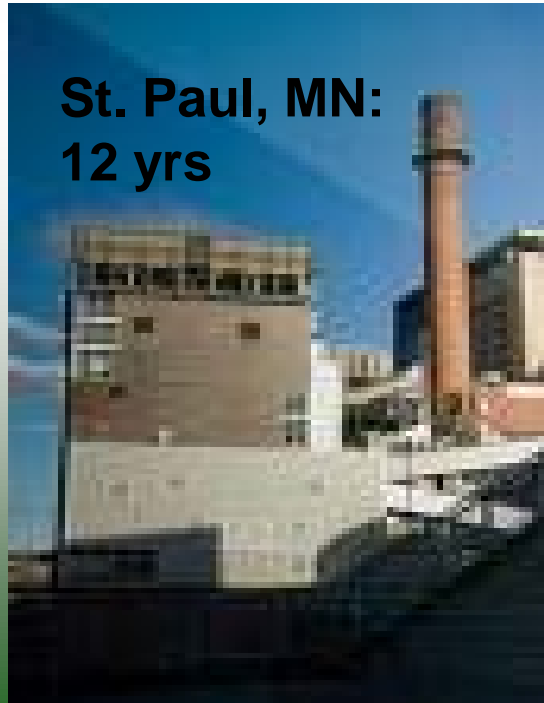
University of Idaho: 29 yrs



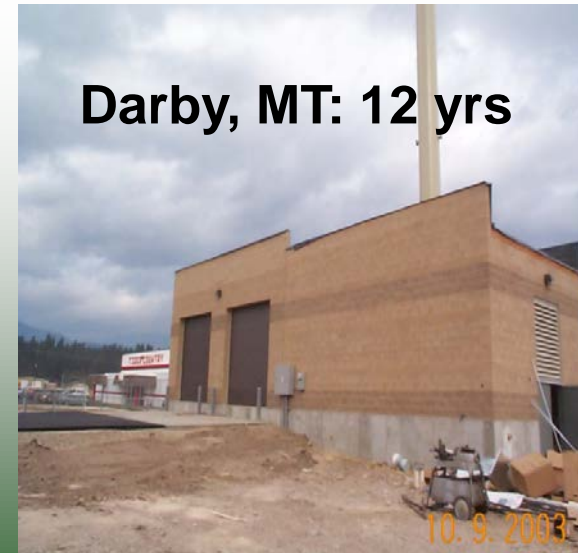
**North
Country
Hospital,
VT: 10
yrs**



**St. Paul, MN:
12 yrs**



Darby, MT: 12 yrs



USDA Wood Energy MOU

In 2013.....

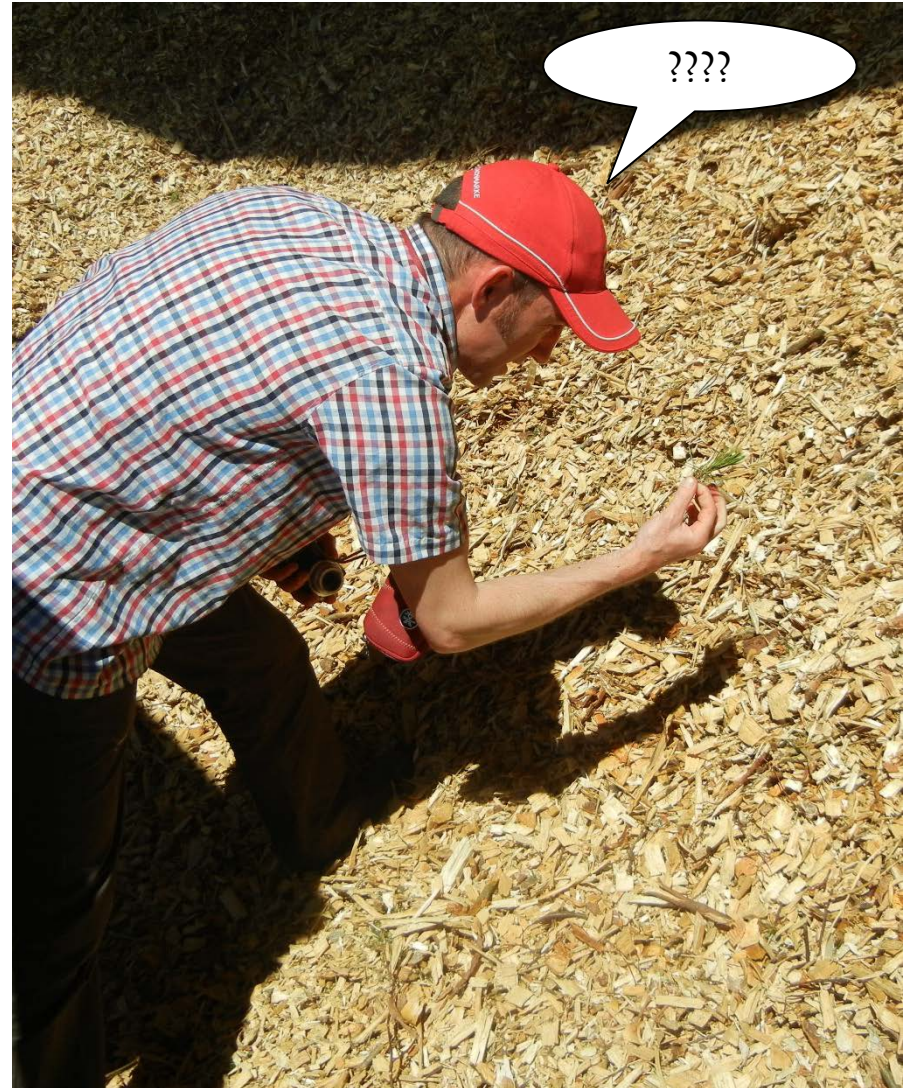


Ongoing Activities

- CHP and district heating
- ASHRAE high performance building standards
- First commercial scale torrefaction production facility in U.S.
- Department of Energy
- Congressional Biomass Caucus
- Nat'l wood chip standard

No Standard Terminology for Woodchips as Heating Fuel!

- “Hog fuel”
- “Dirty chips”
- “Clean chips”
- “Grindings”
- “Whole tree chips”
- “Paper chips”
- “Screened chips”
- “Bole chips”
- “Microchips”
- “Semi-dry chips”
- “Precision dry chips”
- “Refined dry chips”



Woodchip Fuel Production

Logging Operations



Whole-tree Chips

Sawmills



Paper-grade Chips

Wood Recycling



Urban Wood

Chip Yards

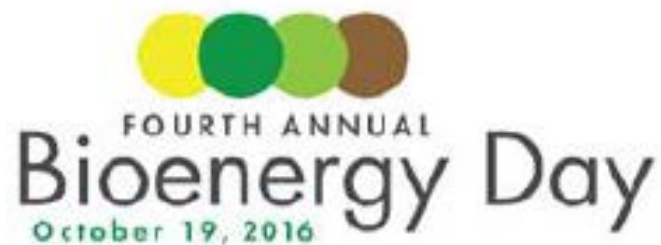


Bole Chips

We Need YOU

- **Feedback**
- **Fuel specs data**
- **Lab analyses (sources/grades of chips)**
- **Participate in process:**

www.woodchipstandard.org



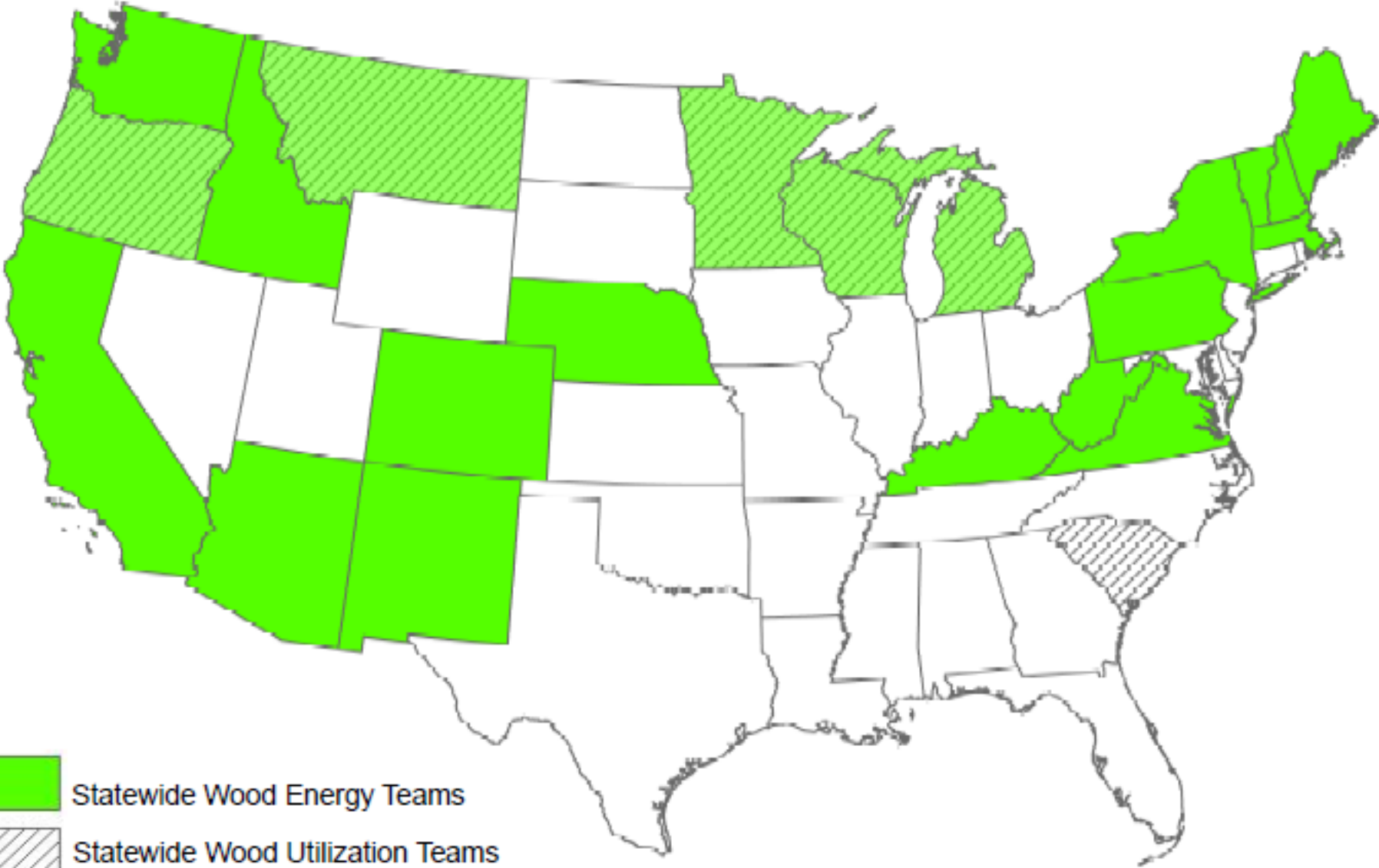
NATIONAL BIOENERGY DAY 2016

We're uniting organizations across the country that support bioenergy.

On October 19, 2016, participating organizations will open their doors to their communities to demonstrate the many benefits that bioenergy provides on the local level.

[LEARN MORE](#)

Statewide Wood Energy Teams and Statewide Wood Utilization Teams



Western SWET Highlights

- **Shared resources – case studies, feasibility templates, financial resources lists, etc.**
- **Central repository – tools/resources for SWETs and project developers.**
- **Catalysts – move projects forward, outreach, inform state and federal policymakers, strengthen grant proposals, etc.**
- **Experts – Critical feedback for national tools and standards.**

Statewide Wood Energy Teams

- Highly effective
- Leveraging expertise
- Information sharing
- Wood energy leaders
- National, regional, and state influence
- USDA commitment

Information

Contact:

Julie Tucker, State & Private Forestry

Cooperative Forestry

U.S. Forest Service

Washington, DC

julietucker@fs.fed.us



Questions?

