



WOOD^{to} ENERGY



Biomass Ambassador Guide

Logistics

The Wood to Energy Community Outreach Program is funded by a grant to the USDA Forest Service from the U.S. Departments of Agriculture and Energy through December 2008. **Workshops and meetings that Biomass Ambassadors conduct up to December 1, 2008 can be part of our grant-funded activities.** Those of us who have helped develop this program would like to provide support to your ambassadorial efforts by providing handouts, expertise, and some degree of assistance. We can provide evaluation assistance and resources for significant community outreach activities. We also would like to report your wood-to-energy activities on our Web site and in the final report to our funder.

If you need assistance...

Local experts have much more credibility than outsiders. Therefore, please begin by using your fellow Ambassadors or team members to gather local materials, expertise, and resources from the universities, energy offices, forestry agencies, and rural development programs in the communities where the wood-to-energy projects are being explored. If you can't find what you need, contact us. We might know someone who can help. If no one is available, we may be able to find someone from the Wood to Energy Outreach Program Team to travel to your state.

There are a number of excellent resources about woody biomass. The Southern Forest Research Partnership (SFRP) has produced a Web-based encyclopedia of information about many aspects of producing, hauling, and using woody biomass (<http://www.forestryencyclopedia.net/Encyclopedia/bioenergy>). They have also used this information to produce a set of fact sheets in seven modules. You can access all of their information at <http://www.forestbioenergy.net/>.

If you have questions about the materials...

Please check the FAQ list on the Ambassadors' Corner at our Web site (<http://www.interfacesouth.org/woodybiomass>) to see if your question has already been asked and answered. If not, please contact us with your question. As we develop additional information and explanations, we will post them on the Web site.

To obtain handouts...

All of our fact sheets, case studies, and community economic profiles, as well as materials from the Sustainable Forestry for Bioenergy and Bio-based Products Program, are available in quantity for distribution. This is a print-on-demand system. Folders to organize handouts for your outreach events are also available. You need to order the materials on the Web-form at <http://www.interfacesouth.org/woodybiomass> or fax the form on the following pages to the fax number indicated on the Web site. Please allow at least two full weeks for delivery. The materials and folders will be shipped to the address you provide on the order form.

To report on your activities...

Please complete the Web-form or fax the reporting form provided on the following pages. One of your most important jobs as a Biomass Ambassador is to provide feedback about the program materials and your outreach activities regarding wood-to-energy possibilities and projects. We want to post your successes and experiences in the Ambassadors' Corner online so others can learn from your experience. Also, we want to be able to report to our funders that we are raising public awareness of using wood for energy in the South.

To use other materials...

A variety of resources other than the ones we provide here are available to help people understand how to grow wood for energy, why to use wood for energy, and where wood is being used for energy. Many of them are listed in "Resources." Feel free to make copies and use any of these resources in your program, giving appropriate credit to the various authors.

To obtain evaluation assistance...

If you identify a community that is interested in a significant outreach program, the Wood to Energy Outreach Program Team would be interested in working with you to explore changes in attitudes and knowledge through surveys, interviews, and focus groups. We would provide researchers and evaluators to work with you. Please contact Martha Monroe at mcmonroe@ufl.edu (prior to September 2008) while you are planning your outreach programs if you wish this type of assistance.

Woody Biomass Ambassador Handout Order Form

Your name: _____

Title: _____

Your agency/organization: _____

Your phone and e-mail: _____

Date(s) of your program: _____

What types of participants do you expect to reach? _____

Where do you think this community is in the planning process?

- vision concept plan

What is the goal of this outreach activity?

- raise awareness
- build comprehension
- enable the public to participate in decision-making
- other: _____

Shipping address for materials (no P.O. Boxes; business address preferred): _____

Person materials should be shipped in care of (if not you): _____

Phone number at delivery site: _____

Last possible delivery date at this address: _____

Please use the following list to indicate the number of copies of the materials you want:

Folders for distributing outreach materials

Wood to Energy Fact Sheets

- An Invitation to Explore Possibilities
- Climate Change and Carbon
- Common Concerns
- Comparing Wood and Fossil Fuels
- Economic Impacts of Generating Electricity
- Environmental Impacts
- Federal Policies and Incentives
- Financing Woody Biomass Facilities
- Heat and Power Applications
- Impacts on Air Quality
- Small Heating Units
- Sources and Supply
- State and Local Policies and Incentives
- Sustainable Forest Management
- Systems That Convert Wood into Energy
- Using Wood Fuels in Existing Coal-Fired Power Plants

Wood to Energy Case Studies

- Burning Sawdust for Heat and Power
- Challenges of Obtaining a Wood Supply
- Co-firing with Wood and Sugarcane Waste
- Co-firing with Wood and Switchgrass
- Converting from Natural Gas to Waste Wood
- Forest Industry Creates Its Own Power
- Innovative Fuel Sources Generate Success
- Powering the Grid with Waste
- Power to the People
- Using a Mix of Fuels to Produce Heat and Power
- Waste-to-Energy Program

- Wood and Paper Trim the Energy Bill
- Wood Power Heats a Public School
- Wood-powered Whiskey

Wood to Energy Community Economic Profiles

- Alabama
- Arkansas
- Florida
- Georgia
- Kentucky
- Louisiana
- Mississippi
- North Carolina
- Oklahoma
- South Carolina
- Tennessee
- Texas
- Virginia

Sustainable Forestry for Bioenergy and Bio-based Products Program Fact Sheets

- What is Woody Biomass?
- Global Utilization of Biomass for Bioenergy
- Advantages of Woody Biomass Utilization
- Woody Bioenergy and the Southern U.S.
- Southeastern Biomass/Bioenergy Overview
- Alabama Biomass/Bioenergy Overview
- Arkansas Biomass/Bioenergy Overview
- Florida Biomass/Bioenergy Overview
- Georgia Biomass/Bioenergy Overview
- Kentucky Biomass/Bioenergy Overview
- Louisiana Biomass/Bioenergy Overview
- Mississippi Biomass/Bioenergy Overview
- North Carolina Biomass/Bioenergy Overview
- Oklahoma Biomass/Bioenergy Overview

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- ___ South Carolina Biomass/Bioenergy Overview
 - ___ Tennessee Biomass/Bioenergy Overview
 - ___ Texas Biomass/Bioenergy Overview
 - ___ Virginia Biomass/Bioenergy Overview
 - ___ Forest Management for Bioenergy Products
 - ___ Bioenergy Production among Common Southern Forest Types
 - ___ Bioenergy Production in Planted Pine Forests
 - ___ Forms of Woody Biomass Feedstock for Bioenergy and Bio-based Products
 - ___ Conventional Woody Biomass Harvesting Systems
 - ___ Small-scale Woody Biomass Harvesting Systems
 - ___ Pre-processing and Drying Woody Biomass
 - ___ Woody Biomass Transportation and Delivery
 - ___ Storing Woody Biomass
 - ___ Cost Factors in Harvesting Woody Biomass
 - ___ Wood Processing Residues
 - ___ How Wood Properties Influence Utilization
 - ___ Technology Processes: Bio-chemical
 - ___ Technology Processes: Thermochemical
 - ___ Bioenergy
 - ___ Ethanol from Biomass
 - ___ Biodiesel from Biomass
 - ___ Energy Basics
 - ___ Woody Biomass
 - ___ Chemical Products
 - ___ Ash Content
 - ___ Supply of Forest Biomass for Energy: Determinants and Estimation
 - ___ The Economics of Forest Biomass/Bioenergy Production and Use
 - ___ Forest Bioenergy Production and Rural Economic Development
 - ___ Bioenergy Policy Incentives
 - ___ Benefits to Landowners from Forest Biomass/Bioenergy Production
 - ___ Using the Adaptive Forest Management Planning Framework to Achieve Sustainable Bioenergy Production
 - ___ Forest Bioenergy Certification
 - ___ Conserving Soils in Forest Bioenergy Production Systems
 - ___ Water Conservation in Forest Bioenergy Production Systems
 - ___ Conserving Biodiversity in Bioenergy Production Systems
 - ___ Designing Low-Impact Forest Bioenergy Production Systems

Woody Biomass Ambassador Outreach Reporting Form

Your name: _____

Please describe the outreach activity you conducted: _____

How did you advertise the activity? _____

How many people did you invite? _____

How many participants attended? _____

Who attended: elected officials community leaders
 general public _____
 _____ _____

Who from your expert team attended? _____

How many people presented? _____

In what county or community and state was the program held? _____

What was the purpose of your program? _____

How long was the program? _____

What materials did you use from the Wood to Energy Outreach Program?

Presentations: _____

Fact Sheets: _____

Case Studies: _____

Community Economic Profiles: _____

Media materials: _____

What materials did you use from the Sustainable Forestry for Bioenergy and Bio-based Products Program? _____

Please describe how you think the effort went: _____

What actions or next steps are planned? _____

How will you continue to be involved? _____

If this community is likely to move forward with using wood for energy, whom can we contact for an update on the progress and activities?
