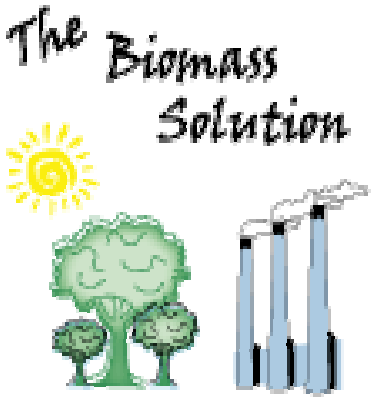
California Smoke Management Program

Alternatives to Burning



www.arb.ca.gov/alternativestoburning

What is it?

An interactive program to help land managers and others identify biomass processing facilities and service providers that may help them manage and get rid of their vegetative materials via alternative methods.

Who Should Use the Program

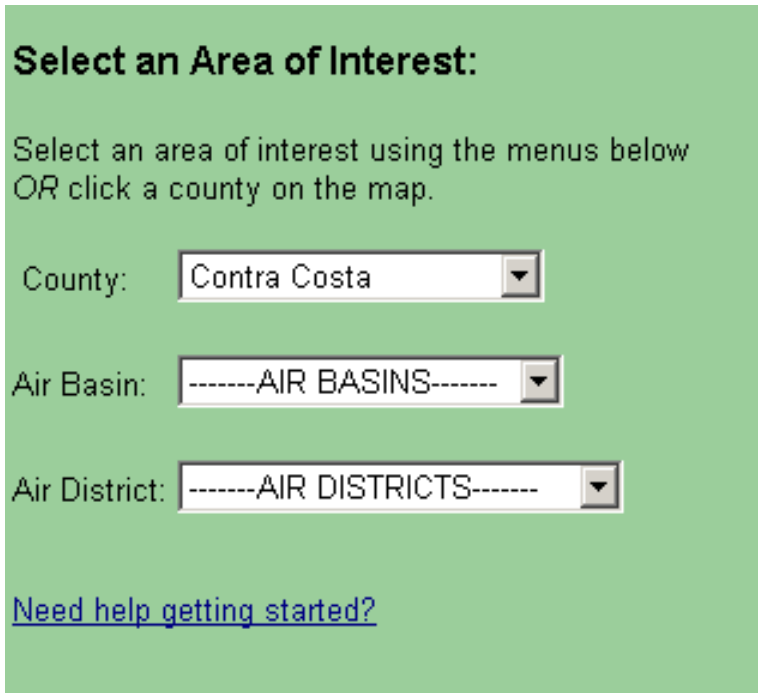
- Public and Private Land Managers
- Agricultural Community
- Service Providers and Contractors
- Biomass-to-Energy Facilities

Types of Services

- Biomass-to-Energy Facilities
- Landscape Materials Companies
- Building Product Manufacturers
- Chipper, Grinder and Waste Removal Contractors

How it Works

- Select an Area of Interest on the Home Page



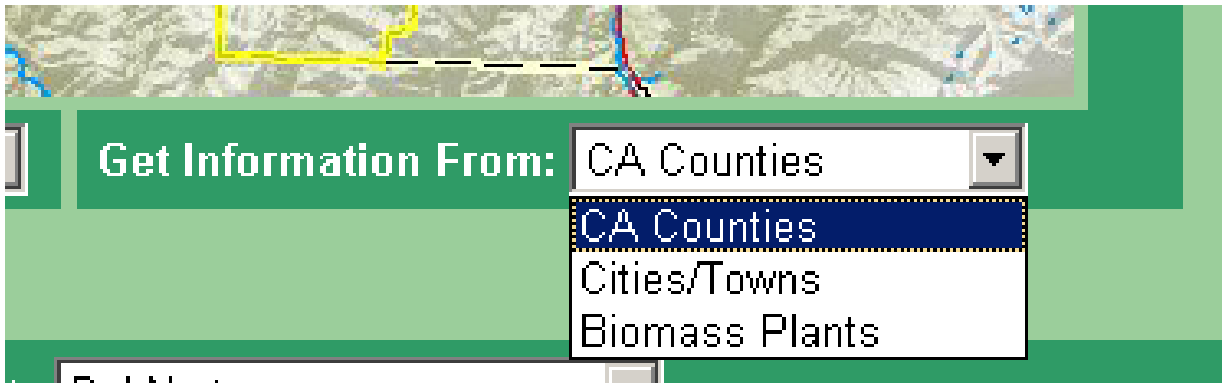
How it Works (cont.)

- To find service providers or biomass-to-energy facilities
  - Select the Information Tool (🛈) on the right side of the map

- The other tools allow you to:
  - zoom in + 🔍
  - zoom out – 🔍
  - re-center the map ✋
  - make a map suitable for printing 🖶
- Select the tool and click the map
- The map will re-draw centered where you clicked

How It Works (cont.)

- Choose where to get the information from (below the map image).



- CA Counties -- provides contact information on all service providers within the selected county
- Cities/Towns -- provides contact information on service providers within the selected city
- Biomass Plants -- provides information on a specific biomass-to-energy plant

How it Works (cont.)

- Then click a feature on the map

For Information from:

- **County:** click anywhere in county
- **City/Town:** click a city or town
- **Biomass Facility:** click a green triangle or building shape

Addresses and contact information only appears when **County** or **City/Town** is the source of the information.

Setting the information source to **Biomass Facility** provides information on the technology and fuel types the plant might accept.

How it Works (cont.)

Selected Feature: Humboldt County

3 Biomass Energy Facilities found:

	Company Name	Size (MW)	Annual Usage	City	County	Contac
1	Ultrapower - Blue Lake	11.4		Blue Lake	Humboldt	200 Wa Park
2	Fairhaven Power Co.	18	108	Fairhaven	Humboldt	97 Bay **Ph:** 707 **Fax:** 70 **Contac** Auzenn
3	Pacific Lumber Company			Scotia	Humboldt	Hwy 10 Street

6 Biomass Markets/Service Providers found:

	Company Name	Service	City	County	Contact I
1	Westcoast Hardwoods	Firewood/Posts/Hardwood Lbr	Arcata	Humboldt	**Ph:** 707-8 **Fax:** 707- **Contact:** Dorn
2	Groff Wood Co.	Firewood/Posts/Hardwood Lbr	Arcata	Humboldt	**Ph:** 707-8 **Fax:** 707- **Contact:**
3	Maple Creek Mills	Firewood/Posts/Hardwood Lbr	Eureka	Humboldt	**Ph:** 707-4 **Fax:** 707- **Contact:** Rasmuss
4	Roy's Wood Products	Firewood/Posts/Hardwood Lbr	Redway	Humboldt	**Ph:** 707-9 **Fax:** 707- **Contact:**
5	Arcata Particleboard	Pulp/Particleboard/MDF	Arcata	Humboldt	**Ph:** 707-4 **Contact:**
6	Samoa Pacific Cellulose	Pulp/Particleboard/MDF	Samoa	Humboldt	**Ph:** 707-4 **Contact:**

- The requested information is displayed in a pop-up window.

IMPORTANT: Always contact the service provider or Biomass-to-Energy facility prior to bringing them your vegetative waste, in order to confirm that they will accept your material.

Program Top Page: Biomass Burning Alternatives: Service Providers Map - Netscape

File Edit View Go Communicator Help

Back Forward Reload Home Search Netscape Print Security Shop Stop

Bookmarks Location: http://www.arb.ca.gov/smp/biomass/bio_map/bio_map.htm What's Related

California Home ARB Home Print Friendly Option Search Site Map Links Software Contact Us

Air Resources Board

Biomass Burning Alternatives

This interactive mapping program provides information on companies that can help you dispose of your vegetative waste.

This page updated October 8, 2002

- Interactive Map
- Informational Pages
- Equipment Gallery
- Previous Page

Alternatives to Burning
The Biomass Solution

In order to minimize smoke impacts, California regulates the use of prescribed burning as tool for agricultural and forest residue management. The Smoke Management Guidelines encourage, and in some cases require, burners to evaluate alternatives to burning for agricultural, wildlife and fire hazard reduction purposes.

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Bookmarks Location: http://www.arb.ca.gov/gismo/biomass/

California Air Resources Board

This website provides information on biomass-related markets and services in your area.

Select an Area of Interest:

Select an area of interest using the menus below
OR click a county on the map.

County: -------COUNTIES-------

Air Basin: -------AIR BASINS-------

Air District: -------AIR DISTRICTS-------

Need help getting started?

* This website is best viewed with your screen area set to **1024 x 768 px**. Viewing the site with a smaller screen area will not affect how the site functions, but may result in increased use of the browser's scroll bars.

California Biomass-Related Markets and Services - Microsoft Internet Explorer

File Edit View Favorites Tools Help

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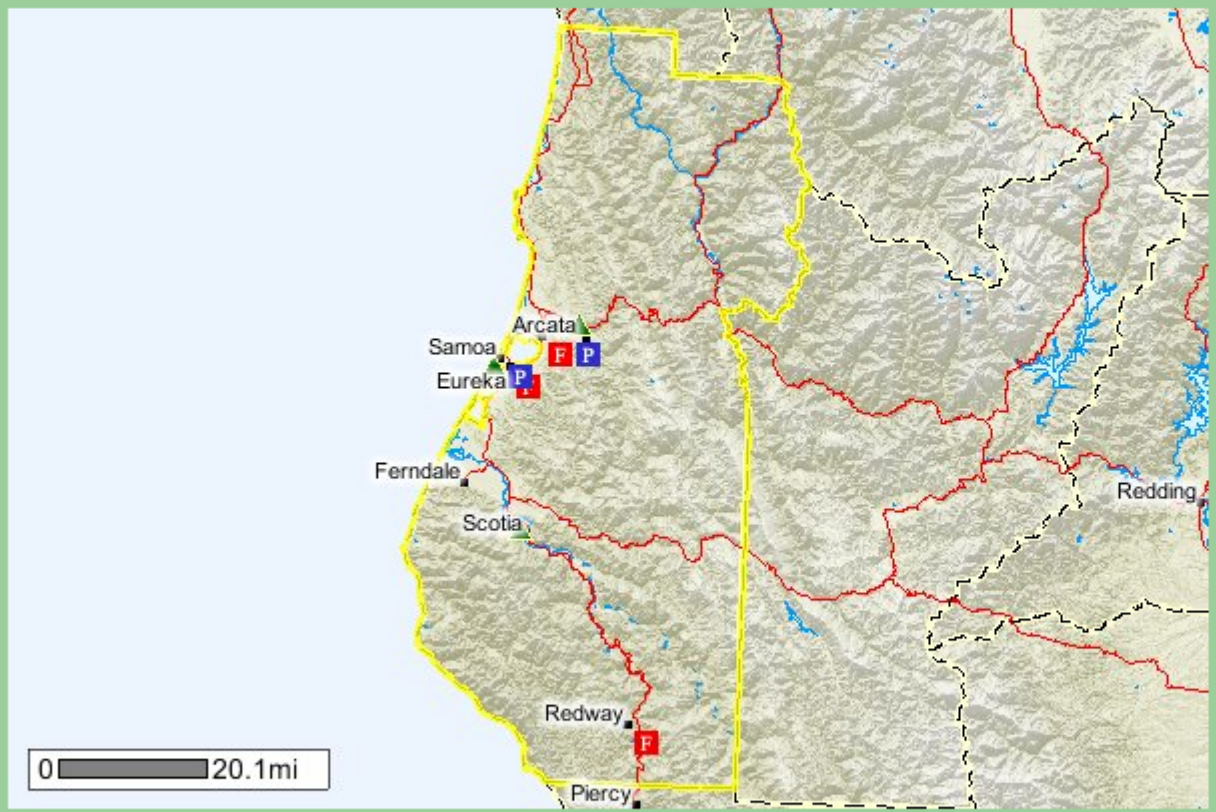
Address http://www.arb.ca.gov/gismo/biomass/biomass_v01.asp

California Biomass-Related Markets and Services



Vicinity Map

View The Legend

Set Layer Visibility:

Biomass Plants	☑
Cities/Towns	☑
Highways	☑
Secondary Roads	
Major Water Bodies	☑

Refresh The Map

Biomass Markets/Services

Mode: Information | Zoom Factor: 2x | Get Information From: CA Counties

Humboldt County has: 3 Biomass Energy Facilities 4 Firewood/Hardwood Producers 2 Pulp/Particleboard Producers

Go to a new County / Air Basin / Air District: Humboldt

Get Help

California Biomass-Related Markets and Services - Netscape

File Edit View Go Communicator Help

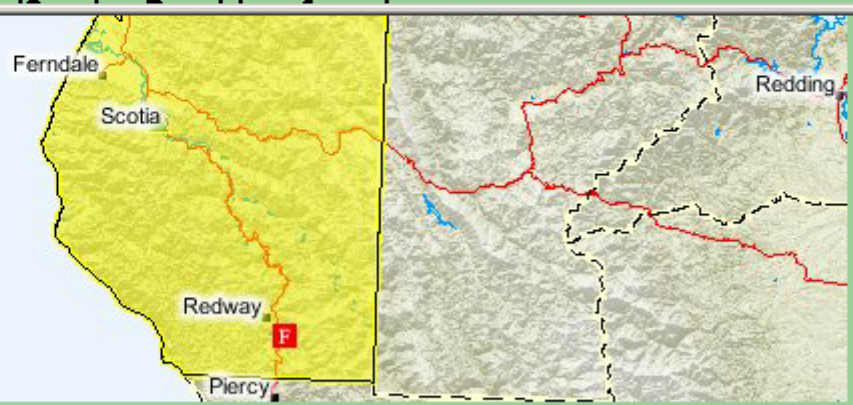
Biomass Markets/Service Providers - Netscape

File Edit View Go Communicator Help

Selected Feature: Humboldt County

3 Biomass Energy Facilities found:

	Company Name	Size (MW)	Annual Usage	City	County	Contact Info	Biomass Used
1	Ultrapower - Blue Lake	11.4		Blue Lake	Humboldt	200 Way Industrial Park	Sawmill, Forest
2	Fairhaven Power Co.	18	108	Fairhaven	Humboldt	97 Bay Street **Ph:** 707-445-5434 **Fax:** 707-445-2551 **Contact:** Ron Auzenne	Sawmill, Forest
3	Pacific Lumber Company			Scotia	Humboldt	Hwy 101, 125 Main Street	Forest, Sawmill



Set Layer Visibility:

- Biomass Plants ☑
- Cities/Towns ☑
- Highways ☑
- Secondary Roads
- Major Water Bodies ☑

Refresh The Map

Biomass Markets/Services

Mode: Information | **Zoom Factor:** 2x | **Get Information From:** CA Counties

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Go to a new County / Air Basin / Air District: Humboldt

Get Help

How You Can Help

- Provide information on services your company provides
- Provide information on contractors you know and use

- Send additions to:
  Jeff Lindberg
  jlindberg@arb.ca.gov
  (916) 324-8622

The Information should include:
- Facility/Contractor Name
- A contact person
- Address
- Phone
- e-mail and website (if available)
- The types of services offered