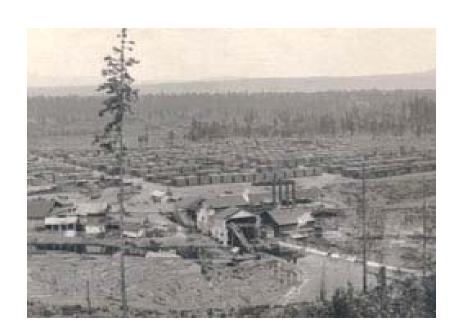
Wood Fiber Industry

- From Tepee Burners
- To a valuable Resource

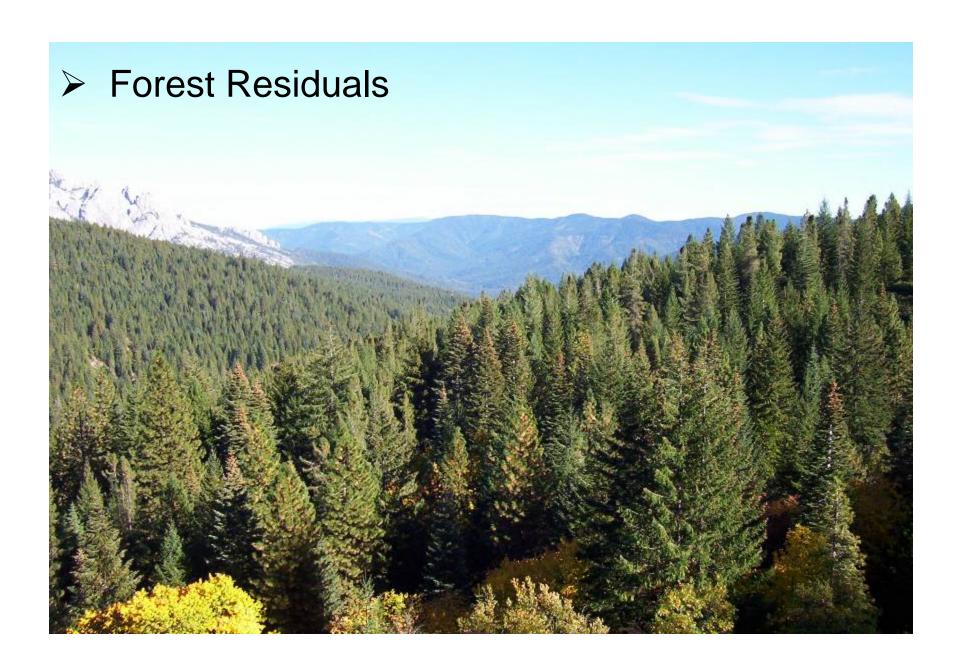


Byproducts to Resource to Valuable Wood Fiber

• What is Biomass





































Uses of Mill Residuals

≻Mill Chips

- ➤ Pulp & Paper Mills
- **≻**Boiler Fuel
- ➤ Particle Board furnish
- **≻**Pellets

Chip Fines

- **≻**Pellets
- ➤ Particle Board and MDF Furnish
- ➤ Boiler Fuel

Shavings

- ➤ Particle Board and MDF Furnish
- **≻**Pellets
- ➤ Bioler Fuel
- ➤ Livestock bedding

>Bark

- ➤ Boiler Fuel
- **≻**Landscaping

Uses of Forest Residuals

≻Chip Logs

- ➤ Pee Wee Stud logs
- ➤ Pulp and Paper furnish
- ➤ Boiler Fuel

≻Whole Tree Chips

- ➤ Boiler Fuel
- ➤ Pulp and Paper

≻Delimber Tops

- ➤ Boiler Fuel
- ➤ Pee Wee logs

≻Limb Wood and Logging Slash

≻Boiler Fuel

Uses of Urban Wood Waste

>Pallets

- ➤ Pulp & Paper Mills
- **≻**Boiler Fuel
- ➤ Particle Board furnish
- **≻**Pellets

≻Construction Waste

- **≻**Pellets
- ➤ Particle Board and MDF Furnish
- ➤ Boiler Fuel

≻Land Clearing Debris

➤ Boiler Fuel

≻Ag Waste

- ➤ Boiler Fuel
- ➤ Hardboard Furnish
- **≻**Landscape Materials



Economics of Biomass

	<u>Product</u>	Relative Bin Value/BDT
1)	Pee Wee Stud Logs	\$120 to \$130/BDT
2)	Export Pulp Chips	\$115 to \$125/BDT
3)	Domestic Pulp Chips	\$65 to \$85/BDT
4)	Particle Board/MDF Furnish	\$40 to \$70/BDT
5)	Pellet Furnish	\$50 to \$70/BDT
6)	Landscaping Bark	\$45 to \$65/BDT
7)	Livestock Bedding	\$40 to \$60/BDT
8)	Cogeneration Fuel	\$35 to \$50/BDT

