



**Opportunity Fuels
Non-Traditional Fuels Workshop
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Opportunity Fuels-Examples

- Non-Saleable liquids and gases
- Biomass (wood chips, biosludge, bagasse, etc.)
- Garbage
- Landfill Gas
- Pet Coke
- Dedicated crop production (soy bean/jatropha oils)
- Hydrogen

Issues to Consider

- Heating Value
- Logistics
- Price
- Fuel Flexibility
- Infrastructure

Issues to Consider (cont'd)

- **NGOs**
- **Community Affairs**
- **Technology Uncertainties**
- **Potential C Emissions & Mitigation**
- **Project Financing**

Carbon Emissions

- **Fossil Fuel Combustion**
- **Quantification**
- **Capture strategies**
- **Potential Uses**
- **Cap & Trade Program**
- **Cost of Carbon???????**

Project Financing

- **Internal as well as External financing**
- **Fuel Supply Contracts**
- **Market Understanding**
 - **Pricing sensitivities**
 - **Political stability of fuel sources**
 - **Climate Change concerns & impacts on fuel**
 - **Long term cost model**
 - **RECs**