

# **The Role of Biomass in America's Energy Future**

## **Public Meeting**

**February 23, 2004**

**Washington, DC**

### **Sponsors**

**Department of Energy  
Energy Foundation**

**National Commission on  
Energy Policy**

### **Participants**

**Dartmouth College**

**Natural Resources Defense Council**

**Argonne National Laboratory**

**Michigan State University**

**National Renewable Energy Laboratory**

**U. Tenn., Oak Ridge Natnl. Laboratory**

**Princeton University**

**Union of Concerned Scientists**

**USDA Agricultural Research Service**

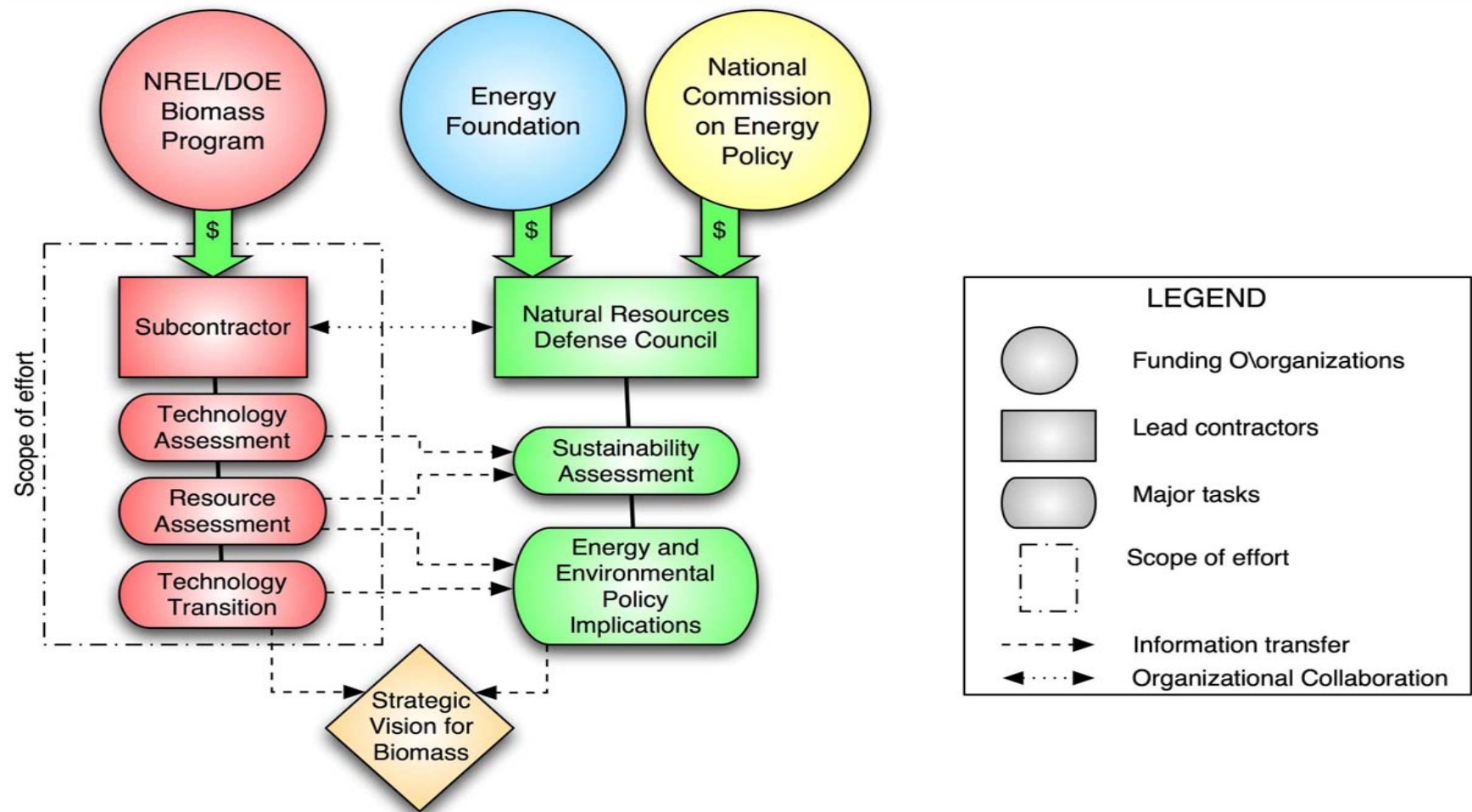
### **Steering Committee**

**Nathanael Greene, NRDC**

**Lee Lynd, Dartmouth**

**John Sheehan, NREL**

# *A coordinated effort consisting of two projects*

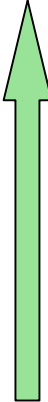
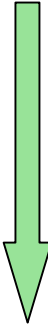


## *Objectives*

**Can pathways be identified by which plant biomass makes a large contribution to meeting future demand for energy services in a sustainable way?**

**If the answer is yes, then what do we need to do to make these pathways viable and how can we speed the transition?**

# Project Tasks & Task Leaders

Tasks	Task Leaders	
	Technical	Environmental
1. Feedstock production	Sandy McLaughlin, U. Tennessee in collaboration with ORNL	 Nathanael Greene, NRDC & task leaders 
2. Power production	Eric Larson, Princeton	
3. Fuels		
a. Production	Eric Larson & Lee Lynd (Dartmouth)	
b. Mobility chain analysis	Michael Wang, ANL	
4. Coproducts	Mark Laser, Dartmouth Bruce Dale, Michigan State	
5. Resource sufficiency	Lee Lynd	
6. Transition paths	John Sheehan, NREL	
7. Policy	Nathanael Greene, NRDC	

# Meeting Agenda

***8:30 to 10:00***

***Welcome, project overview, meeting outline & objectives***

***Remarks from sponsors***

***Biomass - Should we care and how much?***

***Working understandings, themes, and analytical approach***

***Big or small potatoes?***

***10:15 to 12:15***

***Task-by-task reports***

***12:15 to 1:00 - Lunch***

***1:00 to 4:00***

***Focus group discussions***

***4:00 to 4:45***

***Reports from focus groups, closing remarks, and next steps***

# Today's Meeting

## *A public forum to*

**Describe the RBAEF project**

**Gather information & perspectives relevant to the project**

## *Context*

**Project is in-progress, thus input can potentially be incorporated**

**A second meeting to present results will be held in 4Q '04 or 1Q '05**

## *Today's input can be*






















**Incorporated into work underway as appropriate**

**Mentioned in our reports & presentations as important for future work**

## *But cannot*

**Expand the scope of the project**

# A Work in Progress

	<u>Performance</u>	<u>Economics</u>	<u>Environmental</u>
1. Feedstock production			
2. Power production			
3. Fuel production			
4. Coproducts			
5. Resource sufficiency			
6. Transition			
7. Policy analysis			

*Beginning*

*Completed*