

**CLIMATE ACTION TEAM**  
**Interagency Forestry Working Group (IFWG)**  
**Near-Term Implementation Plan**  
**Task 3: Sustainable Biomass Energy**

**Working Group Overview:** IFWG is responsible for 1) Advising the Board of Forestry on how the Forest Sector can achieve its Scoping Plan GHG target; 2) Coordinating related forest sector climate and energy activities, such as stakeholder input for biomass and biofuels programs; and 3) Developing and implementing adaptation actions to protect the state’s forests.

**Working Group Agencies:** CAL FIRE, Board of Forestry and Fire Protection, Natural Resources Agency, US Forest Service, DFG, CEC, CalEPA, DWR, and ARB

**Measure / Strategy:** Sustainable Biomass Energy

- A) Description: Identify or develop scientific, empirically-based sustainability provisions or guidelines for energy projects using forest woody biomass. The goal is to better coordinate multiple state and federal programs developed to meet greenhouse gas reduction goals for the forest sector while producing sustainable, low-carbon transportation fuels.
- B) Agencies Involved: California Energy Commission, CAL FIRE, Air Resources Board
- C) Scoping Plan/Adaptation Plan Reference: Measure F-1 of the AB 32 Scoping Plan. Forest 1b, 3gv, 3hi, and 3hvi of the Climate Adaptation Strategy.
- D) Metrics: Increase the gallons of sustainable, low-carbon transportation fuels produced in California from forest biomass as a proportion of total transportation biofuels used in California.
- E) Crosscutting Issues: Adoption of updated bioenergy plan; Increasing the amount of energy (MWh) of electricity generated from environmentally sustainable forest-based feedstocks in support of the goal that 20 percent of the state’s RPS for 2010 and 2020; reduce fire risk, hazards, and emissions (CAS measure Forest 3.c.); fill forestry research gaps (CAS measure Forest 4a), especially related to revenue streams to landowners from GHG emission offsets; support urban forestry (CAS measure Forest 3.a). Renewable resource development (CEC, CPUC, ARB, CA ISO).
- F) Tasks and Deliverables: Research, field tours and workshops to explore science and practice of forest biomass operations for generating feedstock for biofuels and to develop definition of sustainability for use in AB 118 grant program and Low Carbon Fuel Standard.

**G) SUMMARY TABLE:**

Deliverable	Agencies	Deadline
Field tours to evaluate sustainability concerns of biomass projects	CEC, CAL FIRE, ARB, DFG, USFS	Summer/Fall 2010
Workshops to consider scientific findings and other data on biomass sustainability	CEC, CAL FIRE, ARB, DFG, USFS	Fall
Research contracts to examine environmental and economic sustainability	CEC, CAL FIRE, ARB, USFS	Ongoing