

**DRAFT List of Prioritized Mitigation Measures and Adaptation Strategies for the CAT Implementation Plan**

Forestry—Interagency Forestry Working Group (IFWG)					Priority		Type
Scoping Plan Measure Number(s)	CAS Section & Strategy Number	Strategy/Measure or Other Task/Action	Responsible Agency	Brief Description:	1. Currently being implemented	2. Will begin before 2011 estimate of implementation start date	Adaptation (A) Mitigation (M) or Both (B)
		Forest and Range Resource Assessment (FRAP)	CAL FIRE	CAL FIRE is required by both state and federal statute to periodically assess the condition and availability of the state’s forest and rangeland natural resources. The update will expand upon the previous climate change chapter to inform the Board of Forestry and Fire Protection’s (BOF) climate policy, strategic plan and climate change actions. The draft plan will be developed, reviewed by the public, and finalized in 2010.	X		B
		IFWG Task 1: Forest Inventory	ARB CAL FIRE	Develop and fund activities to improve the technical foundation of the State greenhouse gas inventory for the forest sector. The key deliverable is a technical proposal for developing and periodically updating estimates of carbon emissions and sequestration associated with California’s forests, urban forests, and rangelands using accepted methods and available input data to support the State’s overall greenhouse gas inventory objectives.	X		M

		IFWG Task 2: Review of Regulations	Board of Forestry	Determine the effect of the State's existing forest and rangeland regulations (i.e., Sustained Yield Plans, Non Timber Management Plans, wildlife, water quality, erosion protection, etc.) and related forestry assistance programs (eg CA Forest Improvement Act, forestland conservation, Vegetation Management Program, etc) on meeting the state's GHG goals; and whether simple adjustments are needed, or whether more significant action is needed. Consider risks to carbon, opportunities to reduce those risks, and barriers to long term GHG reduction.	X		X	B
		IFWG Task 3: Sustainable Biomass Energy	CEC CAL FIRE	Identify or develop scientific, empirically-based sustainability provisions or guidelines for energy projects using forest woody biomass and forest sector greenhouse gas emissions reduction projects that can be used consistently by all state and federal agencies. The goal is to better coordinate multiple state and federal programs developed to 1) meet greenhouse gas reduction goals for the forest sector and 2) produce sustainable, low-carbon transportation fuels and electricity from forest biomass feedstocks.	X			B
		c. Reduce Fire Risk, Hazards and Emissions		CAL FIRE will work with state agencies such as Fish and Game, Parks and Recreation, Sierra Nevada Conservancy, Tahoe Conservancy and Dept. of Water Resources, with landowners and local government, and with federal agencies, including USFS and others, to identify high value and high risk natural resource areas (e.g., habitats and corridors, watersheds, parks, timberlands) and to increase fuels management and restore fire resistant forest conditions where appropriate through mechanical and prescribed fire fuel treatments.			X	A

		a. Fill research gaps, including, but not restricted to, the following topics:		Standardize wildfire GHG emissions estimation methods; life-cycle analysis of forest carbon and wood products; forest bioenergy and biofuel profiles; quantify wildfire and managed emissions; landowner participation in carbon markets and programs; climate smart risk assessment for pests and fire; mortality risk analysis for exotic diseases/pests; improved conversion trend analysis; urban forestry cost and benefit analysis; tree biomass modeling; cross-sector economic analysis (eg biomass feed-in tariff); joint research and monitoring infrastructure; monitoring x adaptive management program development			X	
		iii. Support Urban Forestry	CAL FIRE	Funded through Propositions 40 and 84, CAL FIRE's Urban Forestry Program will continue to assist local entities with tree planting and urban forest management. This will help protect and expand urban forests that serve to buffer the impacts of local wildland forests, and provide sequestration, watershed, water quality and habitat co-benefits	X			B