

Agenda Item XIII

Update on Efforts to Establish New Biomass/Wood Processing Infrastructure in the Sierra Nevada Region

Biomass Facilities in California Power and Wood Products

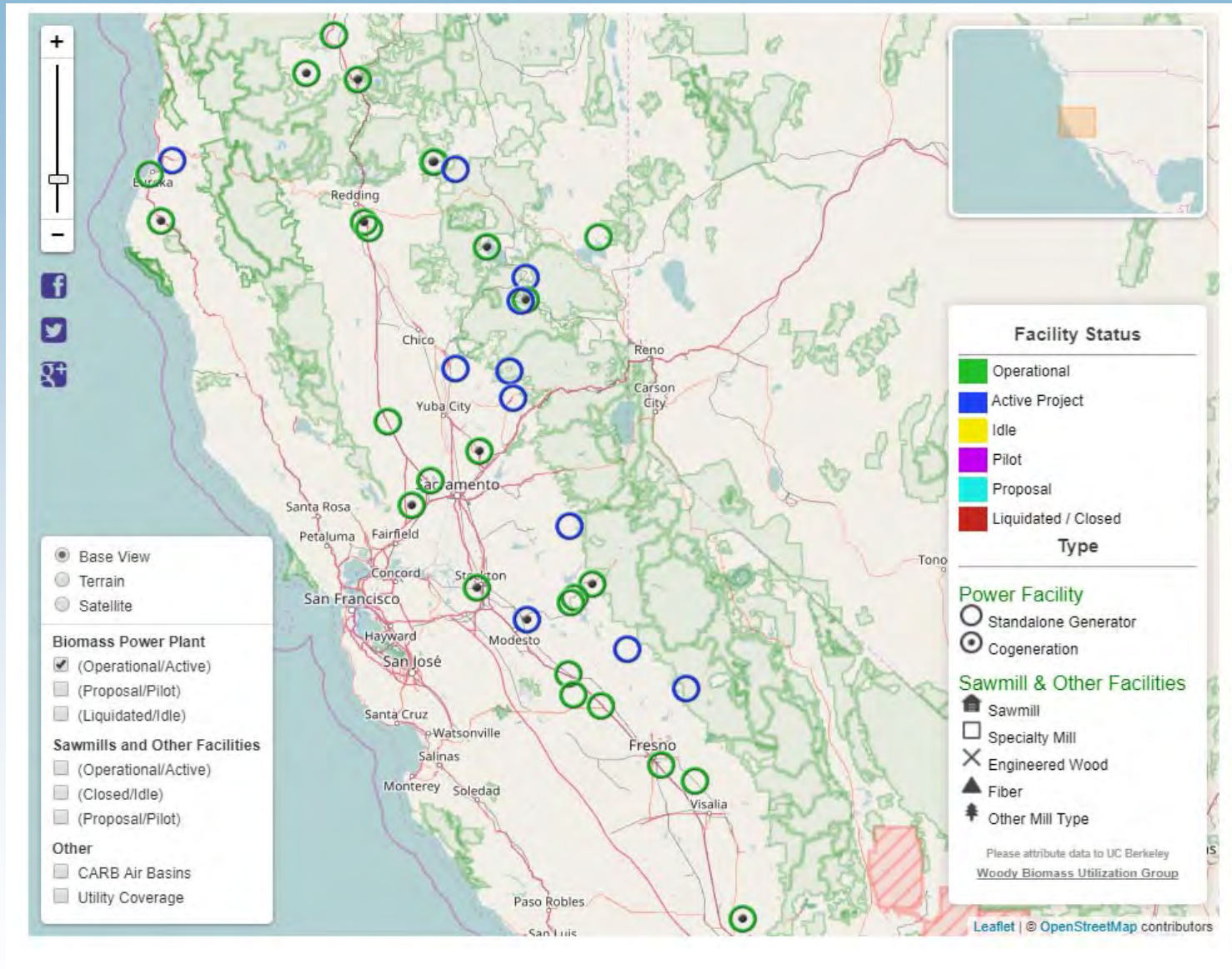
State of Biomass Power Projects
FY 2017 – 2019



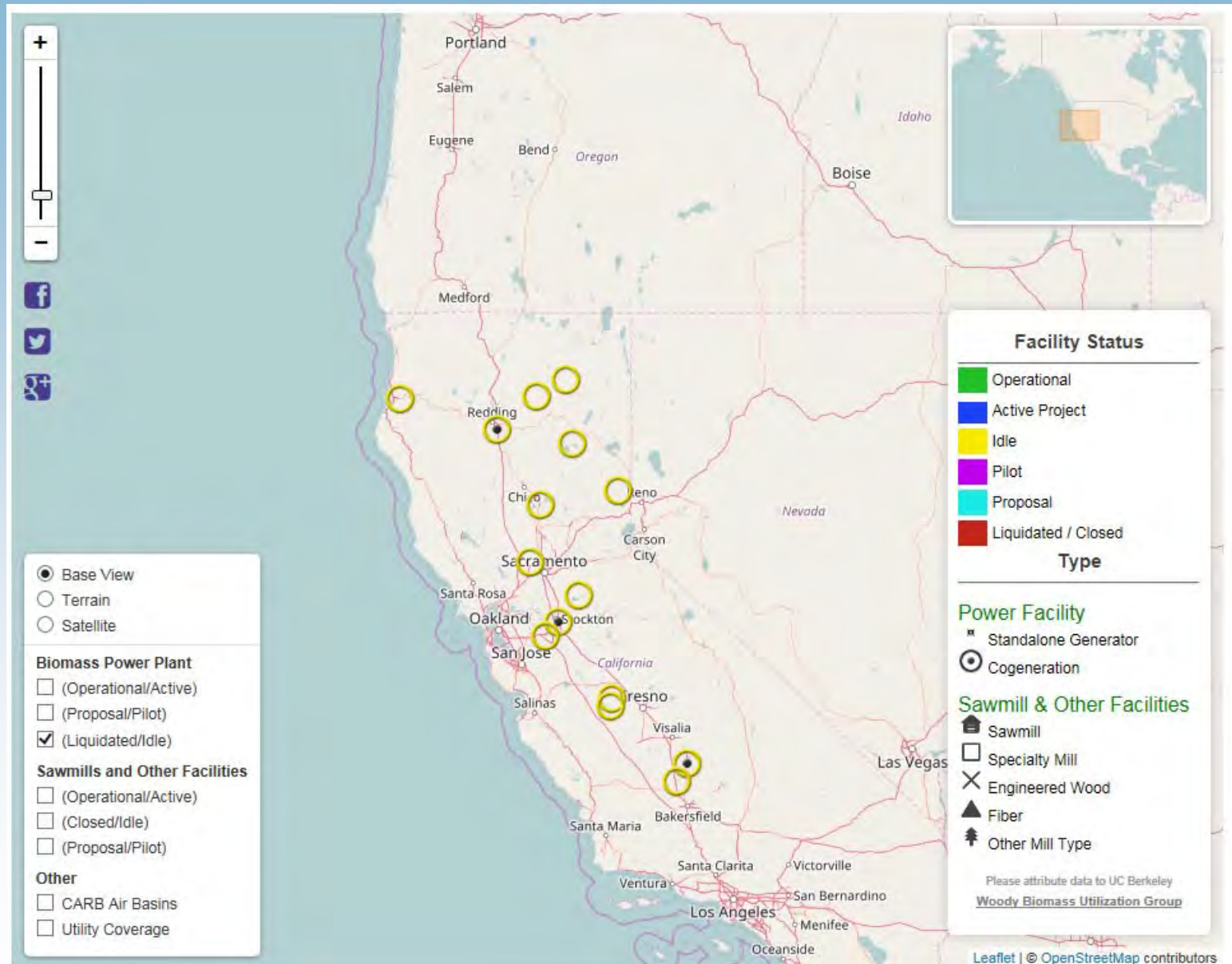
Presented by:
Bob Kingman and Angie Lottes



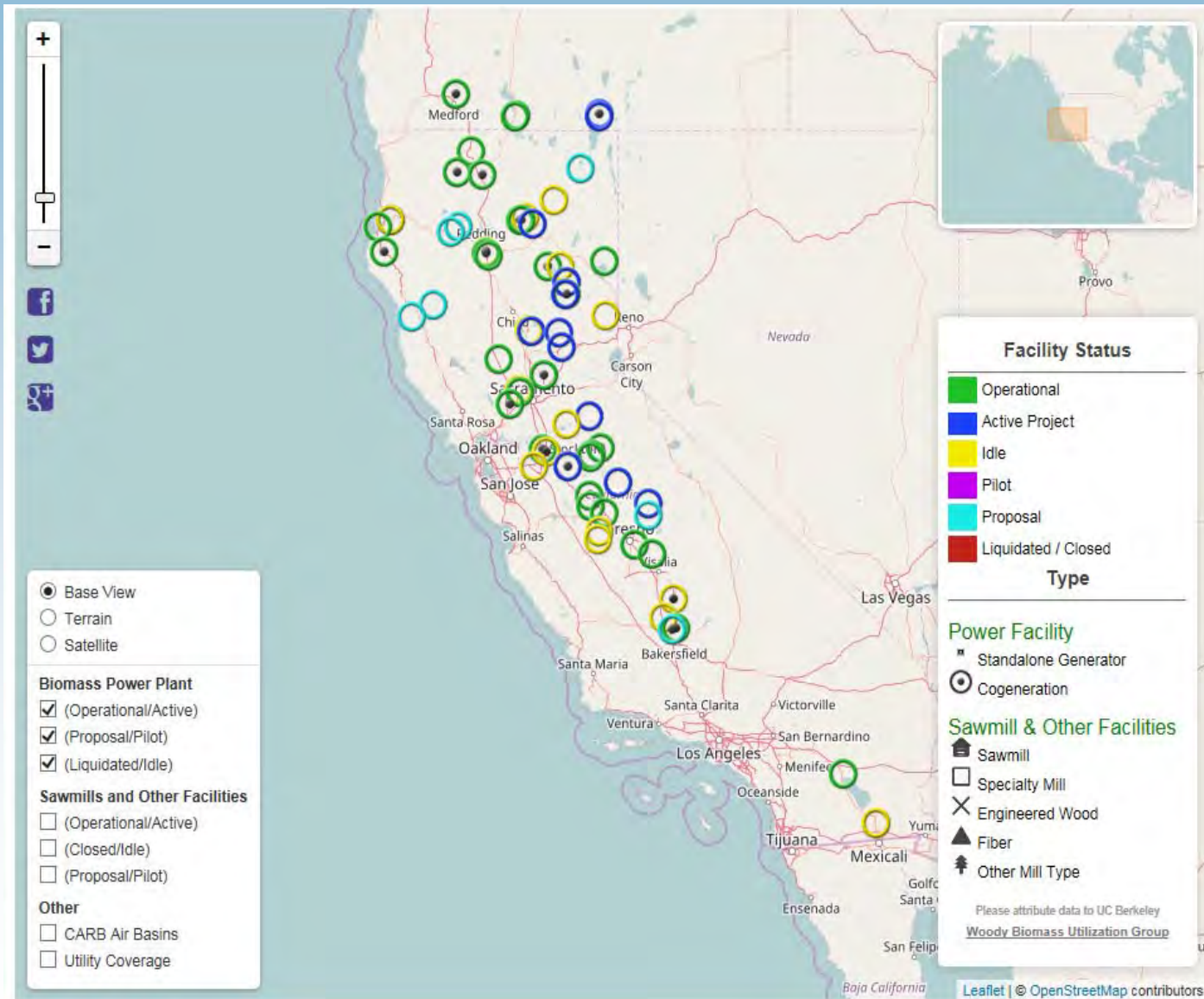
Operating and Active Development Plants



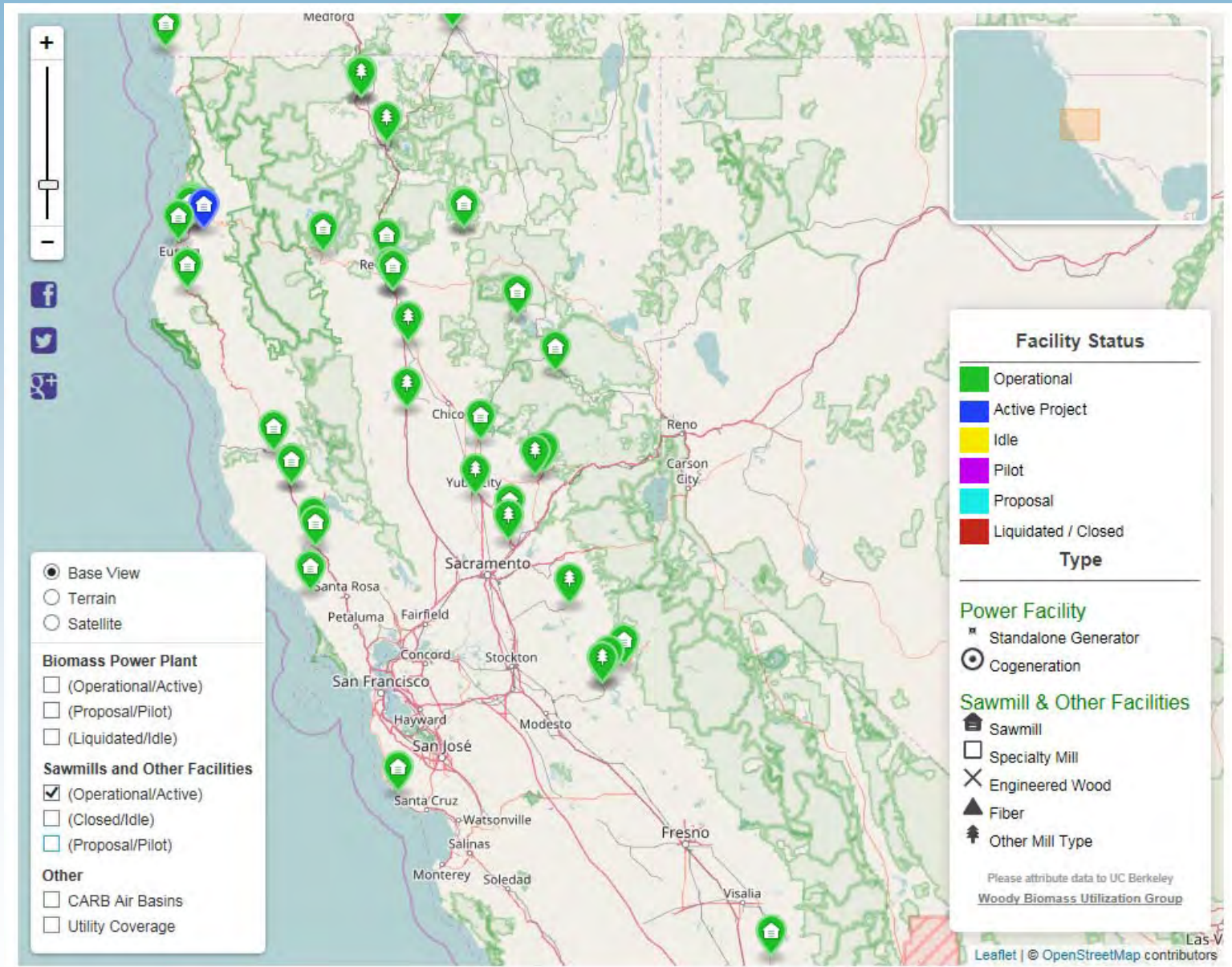
Idle Plants



Operational, Developing, Idle, and Proposed Plants



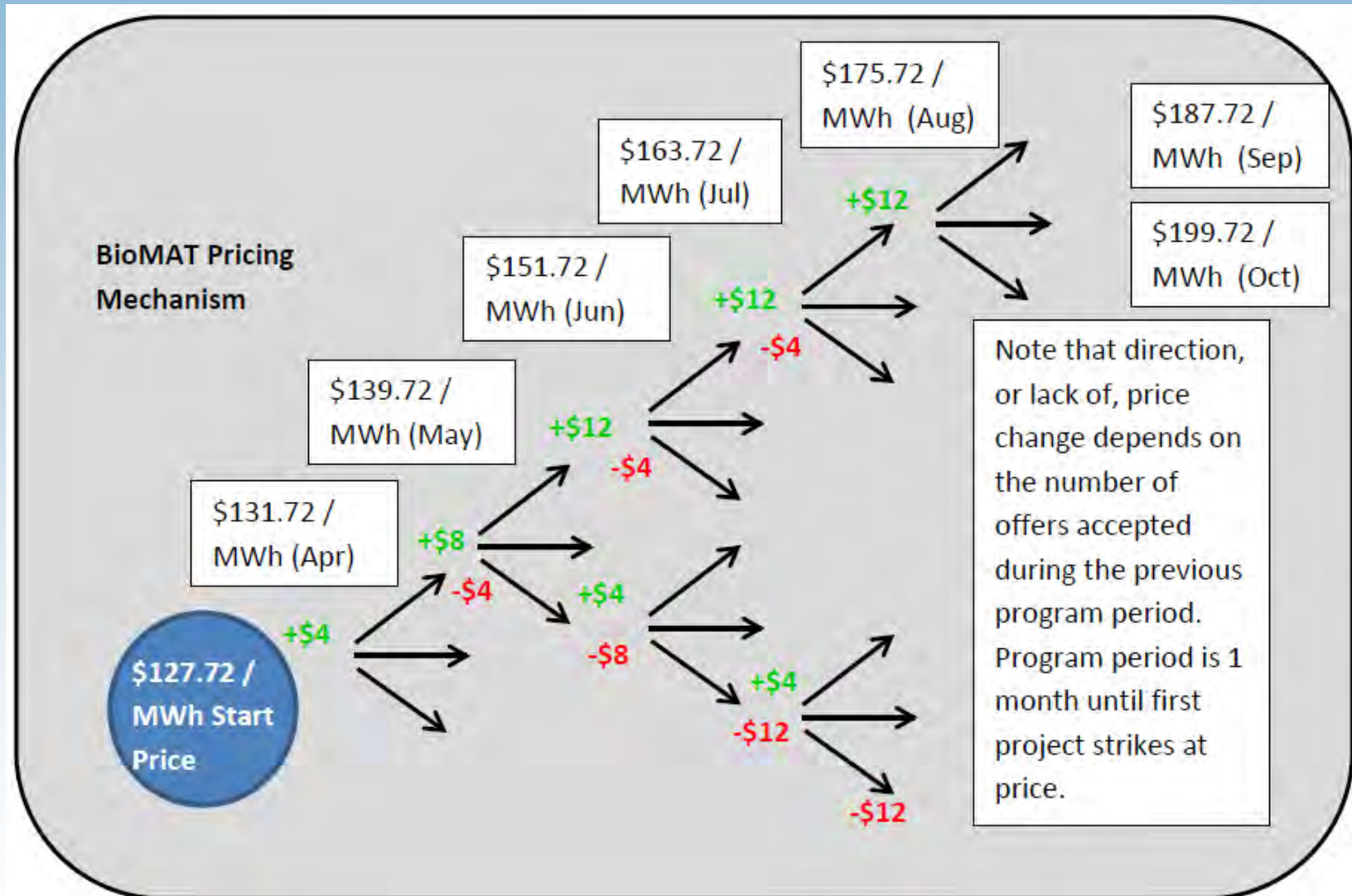
Sawmills and Other Processing Plants



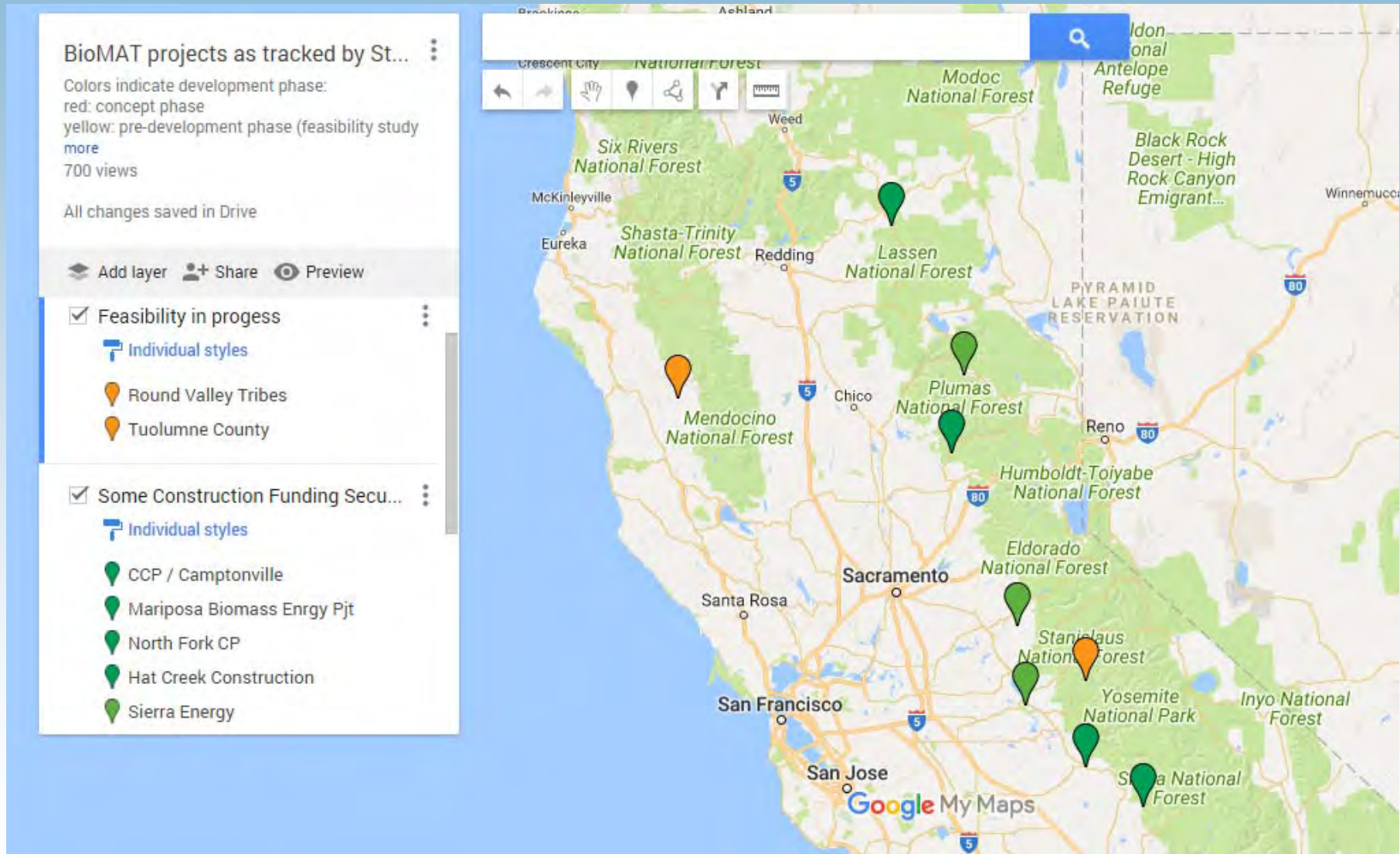
Effect of BioRAM on Landscape

	2017	2018	2019	2020	2021	Total Forest BDT, 5 Yr Contract Period
BioRAM 1 Facilities						
Burney Forest Power	108,800	130,560	174,080	174,080	174,080	761,600
Greenleaf Honey Lake	87,500	105,000	140,000	140,000	140,000	612,500
Rio Bravo Fresno	109,200	131,040	174,720	174,720	174,720	764,400
Rio Bravo Rocklin	109,200	131,040	174,720	174,720	174,720	764,400
Pacific Ultrapower Chinese Station	77,400	92,880	123,840	123,840	123,840	541,800
HHZ minimum requirements	50%	60%	80%	80%	80%	
BioRAM 2 Facility						
Wheelabrator	190,640	190,640	190,640	190,640	190,640	953,200
HHZ minimum requirements	80%	80%	80%	80%	80%	
Total BDT/Yr, BioRAM 1 and 2 Contracts	682,740	781,160	978,000	978,000	978,000	4,397,900
Total Est Treated Ac @ 12.5 BDT biomass/ac	54,619	62,493	78,240	78,240	78,240	351,832

BioMAT Pricing



BioMAT Projects with Funds for Construction



Questions / Comments

Angie Lottes
Biomass Program Director
The Watershed Center
angie@thewatershedcenter.com

Bob Kingman
Assistant Executive Officer
Sierra Nevada Conservancy
bob.kingman@sierranevada.ca.gov

