

## CALIFORNIA CLIMATE INVESTMENTS

### Updated Data Release

The following table updates the information in the 2020 Annual Report to the Legislature with data available as of May 31, 2020.



Agencies administering California Climate Investments are continuing to implement programs and in the last six months have implemented \$1.1 billion for almost 28,000 new projects that are achieving greenhouse gas (GHG) emission reductions and providing benefits to priority populations. Table ES-2 includes updated summary statistics for each California Climate Investments program as of May 31, 2020.

Administering Agency	Subprogram	Cumulative Funding Status (\$M)			Implemented Projects			Benefiting Priority Populations <sup>1</sup>		
		Allocated	Selected & Awarded <sup>2</sup>	Implemented	GHG Reduction (1,000 MTCO <sub>2e</sub> )	Cost per GHG (\$/MTCO <sub>2e</sub> )	Number of Projects	(\$M)	%	
California Air Resources Board	Community Air Grants	\$25.0	\$15.0	\$15.0	- <sup>3</sup>	-	56	\$13.6	91%	
	Community Air Protection Funds	\$745.0 <sup>4</sup>	\$516.1	\$215.4 <sup>5</sup>	65	\$3,314	1,517	\$167.1	91%	
	Fluorinated Gases Emission Reduction Incentives	\$1.0	NEW PROGRAM FOR FY 19-20							
	Funding Agricultural Replacement Measures for Emission Reductions	\$260.2 <sup>4</sup>	\$244.1	\$109.7	78	\$1,406	2,818	\$66.6	66%	
	Advanced Technology Freight Demonstration Projects	\$81.2	\$79.2	\$79.2	16	\$4,939	11	\$79.2	100%	
	Agricultural Worker Vanpools	\$6.0 <sup>4</sup>	\$6.0	\$6.0	5	\$1,307	1	\$6.0	100%	
	Clean Cars 4 All	\$102.0 <sup>4</sup>	\$74.0	\$66.7	40	\$1,653	7,873	\$47.5	71%	
	Clean Mobility in Schools Project	\$24.6 <sup>4</sup>	\$24.6	\$24.6	10	\$2,453	3	\$24.6	100%	
	Clean Mobility Options	\$56.6 <sup>4</sup>	\$51.9	\$9.6	3	\$2,952	7	\$9.6	100%	
	Clean Off-Road Equipment	\$44.2	\$44.2	\$0.0	TBD					
	Clean Truck & Bus Voucher	\$510.5 <sup>4</sup>	\$475.3	\$433.8	1,642	\$264	6,290	\$298.9	69%	
	Clean Vehicle Rebate Project	\$943.7	\$943.1	\$734.0	5,892	\$125	310,551	\$225.5	31%	
	Financing Assistance for Lower-Income Consumers	\$36.8 <sup>4</sup>	\$17.9	\$8.5	3	\$2,747	846	\$3.3	74%	
	Outreach, Education, and Awareness	\$7.0 <sup>4</sup>	\$6.0	\$6.0	- <sup>3</sup>	-	1	\$6.0	100%	
	Rural School Bus Pilot Projects	\$63.0 <sup>4</sup>	\$58.6	\$30.2	25	\$1,202	93	\$16.3	60%	
Sustainable Transportation Equity Project	\$22.0 <sup>4</sup>	NEW PROGRAM FOR FY 19-20								

- 1 For programs that contract with intermediaries to administer projects, costs incurred for administration are not included when calculating benefits to priority populations. These costs are reported and included in the total implemented funds.
- 2 Per statute, some administering agencies may plan for future projects by selecting projects for funding in advance of receiving appropriations to fulfill those commitments. For this reason, in some instances "Selected and Awarded" funds may exceed "Allocated" funds. The High-Speed Rail Authority does not select or award funds, so this value represents implemented funds to date. The values reported here as "Selected and Awarded" also includes "Implemented" funds.
- 3 These programs do not have a quantified GHG emission benefit.
- 4 On July 15, 2020 the Department of Finance issued a determination pursuant to Budget Control Section 15.14 (b) that reduced the Fiscal Year 19-20 appropriations to certain programs. As this determination was issued after May 31, 2020, any subsequent adjustments to allocations to these subprograms are not reflected in this table.
- 5 This value does not include \$20 million in funds to support local air districts' implementation of AB 617.

Administering Agency	Subprogram	Cumulative Funding Status (\$M)			Implemented Projects			Benefiting Priority Populations <sup>1</sup>	
		Allocated	Selected & Awarded <sup>2</sup>	Implemented	GHG Reduction (1,000 MTCO <sub>2e</sub> )	Cost per GHG (\$/MTCO <sub>2e</sub> )	Number of Projects	(\$M)	%
California Air Resources Board (cont.)	Zero- and Near Zero-Emission Freight Facilities	\$148.7	\$148.7	\$148.7	50	\$2,997	10	\$148.7	100%
	Zero-Emission Truck and Bus Pilot Projects	\$85.0	\$82.8	\$82.8	107	\$778	9	\$64.5	78%
	Prescribed Fire Smoke Monitoring	\$7.5 <sup>4</sup>	\$2.3	\$2.3	- <sup>3</sup>	-	31	\$0.0	0%
	Woodsmoke Reduction	\$8.0	\$8.0	\$5.4	77	\$69	1,476	\$3.8	73%
California Coastal Commission	Coastal Resilience Planning	\$4.5	\$2.3	\$0.8	- <sup>3</sup>	-	5	\$0.3	37%
California Conservation Corps	Training and Workforce Development	\$44.3	\$18.1	\$18.1	179	\$102	284	\$14.3	79%
California Department of Community Services and Development	Community Solar	\$4.4	\$4.4	\$2.1	10	\$209	1	\$2.0	100%
	Farmworker Housing Component: Single-Family Energy Efficiency and Solar Photovoltaics	\$10.9	\$10.9	\$3.6	5	\$703	147	\$3.1	100%
	Multi-Family Energy Efficiency and Renewables	\$63.9	\$63.9	\$37.6	159	\$236	8,132	\$34.6	100%
	Single-Family Energy Efficiency and Solar Photovoltaics	\$70.0	\$70.0	\$70.0	216	\$324	16,146	\$60.7	100%
	Single-Family Solar Photovoltaics	\$51.0	\$51.0	\$51.0	134	\$382	3,160	\$44.2	100%
California Department of Fish and Wildlife	Wetlands & Watershed Restoration	\$46.8	\$36.9	\$36.9	1,000	\$37	22	\$20.5	55%
California Department of Food and Agriculture	Alternative Manure Management	\$293.8 <sup>4</sup>	\$61.9	\$61.3	989	\$62	104	\$0.0	0%
	Dairy Digester Research and Development		\$184.4	\$184.4	19,896	\$9	109	\$120.6	66%
	Healthy Soils	\$40.5	\$32.1	\$9.5	54	\$175	136	\$1.5	16%
	Renewable and Alternative Fuels	\$3.0	\$3.0	\$3.0	- <sup>3</sup>	-	1	\$0.0	0%
	State Water Efficiency and Enhancement	\$66.2	\$62.8	\$61.8	744	\$83	598	\$22.7	37%

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California Department of Forestry and Fire Protection	Community Fire Planning and Preparedness	\$10.0	NEW PROGRAM FOR FY 19–20						
	Fire Prevention	\$186.8	\$100.1	\$100.1	– <sup>3</sup>	–	63	\$66.3	66%
	Forest Carbon Plan Implementation	\$54.5	\$12.2	\$12.2	– <sup>3</sup>	–	10	\$5.3	44%
	Fire Prevention Grants	\$546.2	\$156.7	\$145.2	– <sup>3</sup>	–	204	\$47.4	33%
	Forest Health		\$321.9	\$308.0	8,330	\$37	152	\$113.4	38%
	Forest Health Research	\$5.0	\$5.6	\$4.0	– <sup>3</sup>	–	18	\$0.9	22%
	Urban and Community Forestry	\$77.8	\$56.2	\$56.2	394	\$143	93	\$55.3	98%
California Department of Resources Recycling and Recovery	Community Composting for Green Spaces Grant	\$1.4	NEW PROGRAM FOR FY 19–20						
	Food Waste Prevention and Rescue Grants	\$20.7 <sup>4</sup>	\$20.2	\$20.2	434	\$47	64	\$19.4	96%
	Organics and Recycling Manufacturing Loans	\$9.2	\$5.7	\$5.7	685	\$8	4	\$0.8	15%
	Organics Grants	\$75.4	\$72.5	\$72.5	1,312	\$55	29	\$57.0	79%
	Recycled Fiber, Plastic, and Glass Grants	\$25.7	\$25.7	\$25.7	671	\$38	11	\$14.7	57%
California Department of Transportation	Active Transportation	\$10.0	\$10.0	\$10.0	<1	\$163,934	3	\$10.0	100%
	Low Carbon Transit Operations	\$555.5 <sup>6</sup>	\$412.7	\$333.2	3,795	\$88	577	\$319.3	96%
California Department of Water Resources	State Water Project Turbines	\$20.0	\$20.0	\$20.0	37	\$542	2	\$0.0	0%
	Water–Energy Grant	\$50.0	\$45.5	\$36.2	375	\$97	94,449	\$22.9	63%
California Energy Commission	Food Production Investment	\$124.0	\$117.9	\$54.0	1,719	\$31	24	\$42.5	79%
	Low–Carbon Fuel Production	\$12.5	\$12.5	\$12.5	TBD		4	\$0.0	0%
	Renewable Energy for Agriculture	\$10.0	\$9.5	\$9.5	127	\$75	45	\$1.1	11%
California Environmental Protection Agency	Transition to a Carbon–Neutral Economy	\$3.0 <sup>4</sup>	\$3.0	\$3.0	– <sup>3</sup>	–	2	\$0.0	0%
California Governor’s Office of Emergency Services	Fire Engines and Equipment	\$26.2	\$0.0	\$0.0	– <sup>3</sup>	–	–	–	–
	Wildfire Response and Readiness	\$25.0	\$3.4	\$3.4	– <sup>3</sup>	–	60	\$0.0	0%

<sup>6</sup> These values do not reflect proceeds generated by the May 2020 auction.

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		Allocated	Selected & Awarded <sup>2</sup>	Implemented	GHG Reduction (1,000 MTCO <sub>2e</sub> )	Cost per GHG (\$/MTCO <sub>2e</sub> )	Number of Projects	(\$M)	%
California High-Speed Rail Authority	High-Speed Rail Project	\$3,311.9 <sup>6</sup>	\$1,158.8	\$1,158.8	- <sup>7</sup>	- <sup>8</sup>	1	\$0.0	0%
California Natural Resources Agency	Regional Forest and Fire Capacity	\$20.0	\$17.1	\$2.9	- <sup>3</sup>	-	14	\$0.0	0%
	Urban Greening	\$156.0	\$119.7	\$117.4	45	\$2,626	70	\$110.9	94%
California State Coastal Conservancy	Climate Ready	\$7.0	\$6.4	\$6.4	2	\$3,830	17	\$3.9	61%
California State Transportation Agency	Transit and Intercity Rail Capital	\$1,222.5 <sup>6</sup>	\$2,635.3	\$371.3	2,501	\$148	25	\$351.2	95%
California State Water Resources Control Board	Safe and Affordable Funding for Equity and Resilience Drinking Water	\$100.0	\$8.5	\$8.5	- <sup>3</sup>	-	4	\$8.5	100%
California Strategic Growth Council	Affordable Housing and Sustainable Communities	\$1,779.4 <sup>6</sup>	\$1,091.5	\$690.4	1,608	\$429	76	\$542.7	79%
	Sustainable Agricultural Lands Conservation	\$130.8 <sup>6</sup>	\$164.1	\$44.4	4,610	\$10	37	\$4.3	10%
	Climate Change Research	\$34.0	\$27.6	\$27.6	- <sup>3</sup>	-	14	\$0.0	0%
	Technical Assistance	\$11.0	\$8.0	\$7.4	- <sup>3</sup>	-	23	\$4.8	65%
	Transformative Climate Communities	\$250.0 <sup>4</sup>	\$176.3	\$163.8	121	\$1,355	60	\$161.0	100%
California Wildlife Conservation Board	Climate Adaptation and Resiliency	\$20.0	\$16.5	\$5.9	2	\$3,493	14	\$1.3	21%
California Workforce Development Board	Low Carbon Economy Workforce	\$35.4 <sup>4</sup>	NEW PROGRAM FOR FY 19-20						
San Francisco Bay Conservation and Development Commission	Climate Resilience Planning	\$2.8	TBD						
<b>Total</b>		<b>\$12,806.8</b>	<b>\$10,240.5</b>	<b>\$6,354.7</b>	<b>58,167</b>	<b>-</b>	<b>456,607</b>	<b>\$3,470.4</b>	<b>55%</b>

7 Estimated GHG emission reductions from the California High-Speed Rail project range from 64.3 to 75.9 million MTCO<sub>2e</sub> over its first 50 years of operating life, as detailed in the 2019 California High-Speed Rail Sustainability Report available at [hsr.ca.gov/docs/programs/green\\_practices/sustainability/Sustainability\\_Report\\_2019.pdf](https://hsr.ca.gov/docs/programs/green_practices/sustainability/Sustainability_Report_2019.pdf).

8 GGRF funds provide a critical part of the total funds for the system, though it is difficult to estimate precisely what the ultimate GGRF investment will be, and consequently, a comparable "GGRF investment per ton of GHG reduced" metric.