

	A	B	C	D	E
1	<b>CAP IMPLEMENTATION MEASURE STATUS UPDATE 2017</b>				
2	<b>Buildings and Energy Strategy</b>				
3	<b>Minimize energy consumption, create high performance buildings, and transition to clean renewable energy sources.</b>				
4	<b>Status</b>	<b>Measure</b>	<b>Actions</b>	<b>Comments</b>	<b>Reduction Potential</b>
5	<b>Completed</b>	BE-1.1A	Conduct energy audits of all municipal buildings.	SEI Audits & Energy Action Plan completed in 2012, many measures implemented. 2017 MIT update.	150
6	<b>Completed</b>	BE-1.1B	Evaluate the potential to locate cost-effective renewable energy systems on City properties.	A solar analysis of all city facilities was conducted by Optony in 2012.	
7	<b>N/A</b>	BE-1.1C	Purchase remaining energy from renewable sources or from PG&E's Climate Smart Program.	The City has joined East Bay Community Energy and will be considering purchasing renewables from them.	
8	<b>N/A</b>	BE-1.1D	Install electronic building performance displays in all publicly accessible buildings.		
9	<b>Ongoing</b>	BE-2.1A	Work with PG&E and other community organizations to develop energy efficiency outreach programs for property owners.	The City has an ongoing partnership with regional partners such as TAG and EBEW as well as PG&E and CCE.	2,935
10	<b>In Progress</b>	BE-2.1B	Work with community organizations to facilitate energy audits in the community.	PG&E funds community energy audits through the Community Energy Services Corporation. BayREN provides \$250 rebates for home energy assessments in Albany. The City is conducting a home energy assessment pilot program.	
11	<b>In Progress</b>	BE-2.1C	Develop an Albany Climate Action Partner publicity campaign for businesses who achieve a 20% or greater increase in building energy efficiency.	The Green Business Program provides recognition to energy savers. Energy Star Performance Reports can be used to access progress for large businesses.	
12	<b>Ongoing</b>	BE-2.1D	Develop outreach program to encourage property owners to install renewable energy systems.	Existing partnerships encourage renewable installation and provide financing. ACRAT provides workshops for homeowners. The City has streamlined the permitting process.	

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13	Status	Measure	Actions	Comments	Reduction Potential
14	Completed	BE-2.2	Identify and develop low-cost financing products and programs to encourage investment in energy efficiency and renewable energy within existing residential units and commercial buildings.	Currently partnered with PACE providers CaliforniaFirst, AllianceNRG, and CA HERO.	
15	In Progress	BE-2.3A	Adopt Residential Energy Conservation Ordinance requiring point-of-sale energy efficiency upgrades.	Cities have repealed mandatory upgrades for several reasons. The City is looking at incentivizing or requiring energy assessments and currently has a residential energy assessment pilot program underway. Incentives for upgrades are provided through the Bay Area SunShares program.	1,310
16	Completed	BE-2.3B	Work with Stopwaste.org to verify that the required efficiency upgrade package achieves at least 20% improvement in average Albany home.	Administered through Energy Upgrade CA and other BayREN residential energy efficiency rebate programs, current home upgrades achieve at least 16% improvement for multifamily homes.	
17	In Progress	BE-2.3C	Adopt Commercial Energy Conservation Ordinance requiring point-of-sale energy efficiency upgrades.	Cities have repealed mandatory upgrades for several reasons. The City is looking at incentivizing or requiring commercial energy assessments. Incentives for upgrades are provided through a variety of programs (EBEW, PG&E, and others).	
18	N/A	BE-2.3D	Adopt ordinance that requires landlords to provide information on average utility bills per unit to existing and potential tenants and to the City.	The City has no mechanism for enforcement at time of rental.	
19	In Progress	BE-2.3E	Create energy efficiency rating system for all rental properties within Albany.	The City could obtain energy efficiency data through Home Energy Score assessments.	
20	In Progress	BE-2.4A	Define Solar EmPowerment Districts within the community and identify solar generation opportunity sites (e.g., buildings and parking lots).	EBCE is drafting a local renewable buildout plan.	
21	Completed	BE-2.4B	Conduct analysis of potential regulatory, structural, and market barriers to installation of photovoltaic systems on commercial buildings within defined EmPowerment Districts.	City streamlined solar permitting per state requirements and will defer to EBCE for recommendations on further streamlining.	

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22	Status	Measure	Actions	Comments	2,195
23	Completed	BE-2.4C	Develop outreach and technical assistance programs to facilitate installation of solar systems.	City coordinates with Smart Solar, a CESC Program, to provide residential/commercial resources for solar panel audits and installation. EBCE may be able to provide additional assistance.	1,550
24	Completed	BE-2.4D	Streamline permitting process for photovoltaic system installation in EmPowerment Districts.	Note BE-2.4B; City streamlined solar permitting per state requirements.	
25	N/A	BE-3.1	Amend the Albany Green Building Ordinance to incorporate the Tier 2 energy efficiency standards contained in Section 503.1.2 of the 2008 California Green Building Code as the required standards for energy efficiency for new construction.	Completed in 2012. The City now defers to stricter 2016 building codes. The Sustainability Committee and Planning and Zoning Commission have created a subcommittee to look at potential reach codes in 2017.	
26	Completed	BE-3.2	Require that all new multi-tenant buildings be sub-metered to allow each tenant the ability to monitor their own energy and water consumption.	Implementing State procedures by streamlined permitting process.	160
27	In Progress	BE-4.1A	Partner with PG&E and develop community smart grid integration plan.	Responsibility of PG&E.	
28	In Progress	BE-4.1B	Develop outreach program that informs property owners and businesses about benefits of smart grid and smart appliances.	Responsibility of PG&E.	
29	Completed	BE-4.2A	Partner with Alameda County and convert all existing streetlights to LED bulbs.	Completed with grant from PG&E.	170
30	Completed	BE-4.3	Research the feasibility of joining the Community Choice Aggregation efforts of Berkeley, Oakland, Emeryville, and other neighboring cities.	The City joined Alameda County's CCA, East Bay Community Energy (EBCE), in November 2016.	See Measure Text
31	N/A	BE-4.4A	Work with PG&E and EBMUD to establish comparative metrics on all residential utility bills.	PG&E & EBMUD have modernized building information and metrics for residents. EMBUD water does not have significant emissions impact.	130

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32	<b>Transportation and Land Use Strategy</b>				
33	<b>Create an interconnected transportation system/land use pattern that shifts travel from autos to walking, biking, and transit.</b>				
34	<b>Status</b>	<b>Measure</b>	<b>Actions</b>	<b>Comments</b>	<b>Reduction Potential</b>
35	Completed	TL-1.1A	Revise standard street cross-sections within the General Plan Circulation Element to ensure that all roads accommodate the needs of pedestrians, bicyclists, public transit riders, and automobile drivers.	Circulation Element (now Transportation Element) focuses on Complete Streets vision and identifies street improvements for the intersections of Solano Avenue/Marin Avenue and San Pablo Ave/Buchanan Street.	Stage 1: 110; Stage 2: 305 (total)
36	Completed	TL-1.1B	Revise and adopt the Bicycle Master Plan to incorporate a wider extent of Complete Streets.	Completed Spring 2012.	
37	In Progress	TL-1.1C	Construct Stage 1 bicycle infrastructure improvements described in the current Bicycle Master Plan.	Stage 1 Bike Paths 85% complete; currently seeking funding to connect UC Village cycle track to Marin and San Pablo intersection.	
38	In Progress	TL-1.1D	Construct Stage 2 bicycle infrastructure improvements.	Stage 2-3 bike paths will be 70% complete after striping and signage are complete.	
39	N/A	TL-1.2A	Conduct bicycle parking analysis in City's commercial and civic areas.	The City's Public Works Department is implementing bike parking policy objectives.	230
40	In Progress	TL-1.2B	Install bicycle parking facilities in underserved areas (20% of total to be Class I or II bicycle parking facilities).	The City is working with Albany Strollers & Rollers to implement a bike rack program.	
41	In Progress	TL-1.2C	Adopt ordinance that requires new development to provide adequate bicycle parking for tenants and customers; and requires businesses with more than 50 employees to provide end-of trip facilities including showers, lockers, and Class I bicycle storage facilities.	Ordinance adoption process nearly completed.	
42	Completed	TL-1.3A	Conduct a pedestrian obstacle study.	Study completed Spring 2012 as part of the City's Active Transportation Plan.	610
43	Completed	TL-1.3B	Prepare and adopt a Pedestrian Master Plan.	Active Transportation Plan adopted in 2012 and updated in 2015.	

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44	Status	Measure	Actions	Comments	
45	Ongoing	TL-1.4	Strictly enforce pedestrian rights laws on City streets.	The City Police Department regularly enforces pedestrian rights laws. As grant funding becomes available, the Department performs additional enforcement of pedestrian rights laws.	Not quantified
46	Completed	TL-1.5A	Conduct study that examines methods to attract additional neighborhood-serving uses and mixed-use development to commercial districts.	General Plan update identifies mixed-used designations for San Pablo Avenue and Solano Avenue. Economic Development Strategy makes further recommendations regarding mixed-use projects.	1,150
47	In Progress	TL-1.5B	Develop small business incentive programs to encourage new neighborhood-serving uses.	Identified in the Economic Development Strategy adopted in 2017. Economic Development Committee responsibility.	
48	In Progress	TL-1.5C	Conduct audit of land use, zoning, development standards, and other regulations that may act as barriers to neighborhood serving businesses and mixed-use development.	Identified in the Economic Development Strategy adopted in 2017. Economic Development Committee responsibility.	
49	Completed	TL-1.5D	Create new Economic Development element in General Plan.	Land Use Element of General Plan Update incorporates goals, policies, and actions focused on economic development in the City.	
50	In Progress	TL-2.1	Conduct a public transit gap study that analyzes strategies for increasing transit use within the City and identifies funding sources for transit improvements.	Identified in current Traffic & Safety Commission Work Plan.	Not quantified
51	In Progress	TL-2.2A	Consult with AC Transit to ensure Albany bus stops provide shade, weather protection, seating, lighting, and route information.	Shelter improvements on existing shelters on San Pablo and Solano Ave; awaiting additional funding from AC Transit.	115
52	Completed	TL-2.2B	Conduct a study of bicycle and pedestrian access to transit stations.	Included in the Active Transportation Plan.	

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53	Status	Measure	Actions	Comments	
54	Ongoing	TL-3.1A	Develop comprehensive public outreach campaign that educates residents and businesses about ways to reduce GHG emissions.	The City has developed outreach materials and hosted carbon footprint workshops. ACRAT has provided workshops to residents. Regional partnerships provide additional outreach materials and events.	70 (combined total for all education programs)
55	N/A	TL-3.1B	Develop specific outreach program to inform residents, businesses, and property owners about the benefits of well-designed infill development.		
56	Ongoing	TL-3.1C	Conduct workshops that integrate public input and concerns into the infill development design process.	Staff conducts public meetings and workshops during review of infill development projects.	
57	Completed	TL-3.2A	Conduct sustainability audit to identify regulatory, structural or market barriers to sustainable, climate-friendly development within commercial and high density residential districts.	City Council has approved streamlining review process for accessory dwelling unit (ADU) projects.	
58	In Progress	TL-3.2B	Evaluate the residential and commercial parking requirements and the height and setback requirements for commercial and high density residential uses.	Voters approved Measure N1, allowing City Council to change parking requirements. Changes to parking requirements are nearly complete.	790
59	Completed	TL-3.2C	Update the San Pablo Design Guidelines and San Pablo Streetscape Master Plan to reflect the City's desire to create a pedestrian- and transit-oriented environment.	Completed Streets Design plans for San Pablo Avenue and Buchanan Street completed. Construction plans underway.	
60	Completed	TL-3.3	Evaluate GHG emissions associated with development proposals and work with applicants to reduce emissions during project review. Incentivize projects that generate low levels of GHG emissions and remove unnecessary restrictions on secondary residential units near transit stations.	Completed with larger projects and have removed unnecessary restrictions on secondary residential units.	

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61	Status	Measure	Actions	Comments	Reduction Potential
62	Completed	TL-4.1A	Create an economic development program.	Economic Development Committee established and Economic Development Strategy adopted.	225
63	In Progress	TL-4.1B	Explore the redevelopment potential of the Commercial Mixed Use District into a job-rich business park.	Pending implementation of the 2017 Economic Development Strategy.	
64	In Progress	TL-4.1C	Collaborate with neighboring communities to establish employment opportunities along transit corridors.	Pending implementation of the 2017 Economic Development Strategy.	
65	Ongoing	TL-4.2	Improve fuel efficiency of the City vehicle fleet by purchasing low- or zero-emission vehicles when vehicles are retired from service.	The City has plans to purchase more fuel-efficient models as City vehicles are retired.	19
66	In Progress	TL-4.3	Incentivize electric and plug-in hybrid vehicles through development of automobile charging infrastructure and preferential street parking spaces.	Electric vehicle charging stations to be installed at four City facilities pending grant funding approval from the Air District.	
67	In Progress	TL-4.4A	Develop and adopt a trip reduction ordinance to reduce single-occupancy automobile commute trips by 15% by 2020.	Traffic and Safety Commission established ordinance; pending implementation.	1,140
68	In Progress	TL-4.4B	Facilitate the establishment of an Albany Transportation Management Association (ATMA) for community employers.	Pending survey results on how people commute.	
69	Completed	TL-4.4C	Develop Albany-specific social networking platform to facilitate community participation in carpool and vanpool programs.	School carpool website completed through partnership with City SRTS program, Transform, and 511. Plans to combine ATMA survey with community program research.	
70	In Progress	TL-4.4D	Evaluate potential for rideshare stations in Albany.	Working with MTC on design of Buchanan Street under freeway overpass.	
71	Ongoing	TL-4.4E	Work with schools to identify key infrastructure improvements and community outreach initiatives that would facilitate safe-routes-to-school and walking school bus programs.	Safe Routes to School program in place since 2007. Infrastructure projects completed on Jackson Street, Marin Ave/Santa Fe Ave, Marin Ave/Curtis Street.	

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72	Status	Measure	Actions	Comments	
73	Completed	TL-4.4F	Develop education and outreach programs aimed at reducing residents' transportation related emissions.	Outreach programs are currently conducted through the Safe Routes to Schools. StreetSmarts banners, and educational posters on city trash cans.	
74	In Progress	TL-4.5	Evaluate and consider implementation of community parking management strategies.	Parking study conducted in 2016.	Not quantified
75	N/A	TL-5.1	Conduct a study of the potential effects of peak oil on the community and develop a peak oil adaptation plan.		Not included in inventory
76	<b>Waste Reduction Strategy</b>				
77	<b>Minimize waste.</b>				
78	Completed	WR-1.1A	Adopt a resolution to achieve 90% waste diversion by 2030.	Goals expressed in Waste Management Franchise Agreement. StopWaste's long term goals are to have, by 2020, less than 10% trash in Alameda County's landfills be readily recyclable/compostable.	2,210
79	Completed	WR-1.1B	Adopt an ordinance that requires all household and commercial food scraps and food-soiled paper to be placed in organics carts, all commercial food service providers to use recycling and organics services.	Mandatory commercial and multi-family recycling and organics programs in place since January 2014. Staff supports ongoing outreach and enforcement.	
80	Completed	WR-1.1C	Adopt an ordinance that requires the City's waste collector to minimize collection route distances and use fuel efficient vehicles.	Included in Franchise Agreement; Waste Management currently operates a fleet of CNG trucks.	
81	Ongoing	WR-1.1D	Expand outreach programs to maximize participation in waste reduction and diversion programs and increase consumer awareness about low carbon products and opportunities for reuse of goods in the community.	Staff develops and distributes outreach materials regularly. Additional outreach via mandatory ordinances.	
82	Completed	WR-1.1E	Adopt an ordinance that requires a disposable shopping bag fee.	Countywide ordinance went into effect January 2013. Ordinance will be expanded into all retail businesses and restaurants in May 2017.	



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83	Status	Measure	Actions	Comments	
84	Completed	WR-1.1F	Adopt a resolution of support that encourages the State and federal governments to create a voluntary Do Not Mail Registry to reduce junk mail deliveries.	State and Federal government resources are currently in place to reduce junk mail deliveries and spam. Stopwaste provides outreach regarding the junk mail opt-out program.	
85	Ongoing	WR-1.1G	Develop resolution of support to encourage State and federal government to pass legislation that requires extended producer responsibility and improves recyclability of products and packaging.	Pending development of draft ordinance by Stopwaste; Stopwaste has public outreach campaigns focused on educating manufacturers and producers about package labeling/redesign and reusable transport packaging. City Council adopted a resolution in support of pharmaceutical take back.	
86	<b>Green Infrastructure Strategy</b>				
87	<b>Enhance natural assets that improve community quality of life.</b>				
88	N/A	GI-1.1A	Prepare a Green Albany Plan to evaluate all potential areas (e.g., parks, streets, rights-of-way, parking lots, and rooftops) for carbon sequestration.		
89	Ongoing	GI-1.1B	Seek Urban Forestry Program funding to support increased tree planting and maintenance capacity.	Funding for the Urban Forestry Program currently comes from the General Fund.	
90	Ongoing	GI-1.1C	Plant 500 new trees per year.	The City continues to expand its urban forest canopy as resources allow.	
91	Ongoing	GI-1.1D	Develop outreach program to encourage residents and businesses to plant additional trees and other carbon sequestering landscapes on private property.	City has adopted the Bay-Friendly Landscaping Ordinance and has amended its street tree list to encourage carbon sequestering trees.	130
92	Completed	GI-1.1E	Explore potential for undergrounding utility lines to facilitate planting of larger species of street trees.	Undergrounding funds will be used for the north side of Marin/Buchanan from Cornell to Cleveland Ave. to accommodate pedestrian and bicycle improvements.	
93	In Progress	GI-1.1F	Develop a Green Streets Program to identify priority streets for pilot green street retrofit projects.	Green streets elements are incorporated into the General Plan update; several rain gardens have been installed and more are planned.	

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94	<b>Water Conservation Strategy</b>				
95	<b>Celebrate water as an essential community resource.</b>				
96	<b>Status</b>	<b>Measure</b>	<b>Actions</b>	<b>Comments</b>	
97	<b>Completed</b>	WC-1.1A	Partner with PG&E and Stopwaste.org to create water efficiency programs and ensure specific focus on indoor fixture and fixture fitting retrofits.	City currently refers to EBMUD for water conservation programs.	5
98	<b>Completed</b>	WC-1.2B	Partner with PG&E and Stopwaste.org to create water efficiency programs and ensure specific focus on outdoor potable water conservation practices.	City provides outreach materials on indoor/outdoor water conservation practices on city website.	5
99	<b>Completed</b>	WC-1.2A	Install weather-based ET controller irrigation systems in all municipal landscapes.	Efficient irrigation systems have been installed. Recycled water lines are being installed on the Ohlone Greenway and the Buchanan Bike Path.	
100	<b>N/A</b>	WC-2.1A	Update Building Code to require all new construction and remodels to improve the water efficiency of fixtures and fixture fittings by 20% above the California Building Standards water efficiency standards.	Incorporated into 2016 California Green Building Code.	25
101	<b>N/A</b>	WC-2.2A	Update Building Code to require new landscape projects to reduce outdoor potable water use by 50% below the initial requirements for plant installation and establishment as identified in Section 604.2 of the California Green Building Code.	Incorporated into 2016 California Green Building Code.	20

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102	<b>Food and Agriculture Strategy</b>				
103	<b>Create a sustainable and climate-friendly food system.</b>				
104	Status	Measure	Actions	Comments	Reduction Potential
105	Ongoing	FA-1.1	Establish a permanent farmer's market site within the City and work to expand the market as a community resource.	Held for several years and hosted by Ecology Center. Staff continuing to brainstorm new locations for future farmers market events.	Not included in inventory
106	Completed	FA-1.2	Facilitate and promote Community-Supported Agriculture organizations and services.	City has two community gardens to provide residents space to plot farm: Ocean View Community Garden and the Memorial Park Community Garden.	
107	Ongoing	FA-1.3	Procure regionally produced food for City events and encourage vendors at City-sponsored events to procure food regionally.	The Recreational and Community Services Department purchases food locally and hires local food trucks for their events.	
108	Completed	FA-2.1	Encourage low-carbon meals through public education.	The City hosted carbon footprint reduction workshops for residents for several years, which included conversations about emissions from food. The City has performed outreach regarding reducing food waste.	
109	Completed	FA-3.1	Establish a local community garden program to increase local food security and provide local recreation amenities.	City has two community gardens located in Ocean View Park and Memorial Park. The Community Gardens have picnic benches, sheds, tools, bulletin boards, open garden times, and a master gardener education series.	