

	A	B	C	D	E
1	<b>CAP IMPLEMENTATION MEASURE STATUS UPDATE 2016</b>				
2	<b>Status</b>	<b>Measure</b>	<b>Actions</b>	<b>Comments</b>	<b>Reduction Potential</b>
3	<b>Buildings and Energy Strategy</b>				
4	<b>Minimize energy consumption, create high performance buildings, and transition to clean renewable energy sources.</b>				
5	<b>Completed</b>	BE-1.1A	Conduct energy audits of all municipal buildings.	Energy Action Plan and audits were successfully conducted by SEI in 2012; future audits dependent on funding.	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		BE-1.1D	Install electronic building performance displays in all publicly accessible buildings.	Staff has not deemed this a priority measure.	
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. Assessments will be required at time of sale by BEADO.	
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.	

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12	<b>Ongoing</b>	BE-2.1D	Develop outreach program to encourage property owners to install of renewable energy systems.	Existing partnerships encourage renewable installation and provide financing. ACRAT plans to provide workshops for homeowners. The City has streamlined the permitting process but could provide additional information on navigating the installation process.	
13	<b>Completed</b>	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 with plans to expand partnership to include YgreneWorks and Figtree PACE programs.	
14	<b>In Progress</b>	BE-2.3A	Adopt Residential Energy Conservation Ordinance requiring point-of-sale energy efficiency upgrades.	Cities have repealed RECOS and are replacing with assessment requirements. The City is working on a Building Energy Assessment and Disclosure Ordinance to address this (BEADO).	1,310
15	<b>Completed</b>	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.	
16	<b>In Progress</b>	BE-2.3C	Adopt Commercial Energy Conservation Ordinance requiring point-of-sale energy efficiency upgrades.	Cities have repealed CECOS and are replacing with assessment requirements. The City is working on a Building Energy Assessment and Disclosure Ordinance to address this (BEADO).	
17	<b>In Progress</b>	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.	Looking into covering this through BEADO when applicable. There is no mechanism for enforcement at time of rental.	
18	<b>In Progress</b>	BE-2.3E	Create energy efficiency rating system for all rental properties within Albany.	Looking into covering this through BEADO when applicable.	
19	<b>In Progress</b>	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.	

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20	<b>Completed</b>	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.	2,195
21	<b>Completed</b>	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.	
22	<b>Completed</b>	BE-2.4D	Streamline permitting process for photovoltaic system installation in EmPowerment Districts.	Note BE-2.4B; City streamlined solar permitting per state requirements.	
23	<b>Completed</b>	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 20016 building codes. The Sustainability Committee and Planning and Zoning Commission have created a subcommittee to look at potential reach codes in early 2017.	1,550
24	<b>Completed</b>	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	
25		BE-4.1A	Partner with PG&E and develop community smart grid integration plan.	Pending smart grid research.	160
26		BE-4.1B	Develop outreach program that informs property owners and businesses about benefits of smart grid and smart appliances.	Research is being conducted to explore the benefits/costs of smart grids and available State and county resources.	
27	<b>Completed</b>	BE-4.2A	Partner with Alameda County and convert all existing streetlights to LED bulbs.	Completed with grant from PG&E.	170
28	<b>Completed</b>	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 Clean Energy, in November 2016.	See Measure Text
29		BE-4.4A	Work with PG&E and EBMUD to establish comparative metrics on all residential utility bills.		130

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30	<b>Transportation and Land Use Strategy</b>				
31	<b>Create an interconnected transportation system/land use pattern that shifts travel from autos to walking, biking, and transit.</b>				
32	<b>Completed</b>	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)
33	<b>Completed</b>	TL-1.1B	Revise and adopt the Bicycle Master Plan to incorporate a wider extent of Complete Streets.	Completed Spring 2012.	
34	<b>In Progress</b>	TL-1.1C	Construct Stage 1 bicycle infrastructure improvements described in the current Bicycle Master Plan.	Class 1 Bike Paths 85% complete; currently working on connecting Buchanan cycle extension track from UC Village to Marian and San Pablo intersection.	
35	<b>In Progress</b>	TL-1.1D	Construct Stage 2 bicycle infrastructure improvements.	Class 2-3 bike paths will be 70% complete after striping and signage are complete.	
36	<b>Completed</b>	TL-1.2A	Conduct bicycle parking analysis in City's commercial and civic areas.	Bicycle parking in redevelopment process is included in the Bike Plan.	230
37	<b>In Progress</b>	TL-1.2B	Install bicycle parking facilities in underserved areas (20% of total to be Class I or II bicycle parking facilities).	Most racks have been installed.	
38	<b>In Progress</b>	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.	Main commercial areas currently offer adequate bike parking through a partnership with local businesses, Albany Strollers & Rollers and the City. Plans for ordinance development to start in 2017.	
39	<b>Completed</b>	TL-1.3A	Conduct a pedestrian obstacle study.	Study completed Spring 2012 looking at specific areas of the city.	610
40	<b>Completed</b>	TL-1.3B	Prepare and adopt a Pedestrian Master Plan.	Pedestrian Master Plan updated in 2015, next update will be in 2020.	
41	<b>In Progress</b>	TL-1.3C	Construct pedestrian improvements identified in the pedestrian obstacle study and Pedestrian Master Plan.	Identified in the Pedestrian Master Plan, projects in progress.	

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42		TL-1.4	Strictly enforce pedestrian rights laws on City streets.		Not quantified
43	<b>Completed</b>	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. Details pending Economic Development Study in progress.	1,150
44	<b>In Progress</b>	TL-1.5B	Develop small business incentive programs to encourage new neighborhood-serving uses.	Economic Development Committee established and Economic Development Study in progress.	
45	<b>In Progress</b>	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.	Economic Development Study in progress, to be complete in 2017.	
46	<b>Completed</b>	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.	
47	<b>In Progress</b>	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.	City is coordinating with AC Transit to improve transit services.	Not quantified
48	<b>In Progress</b>	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
49	<b>Completed</b>	TL-2.2B	Conduct a study of bicycle and pedestrian access to transit stations.	Included in Bike/Ped Plan	
50	<b>Ongoing</b>	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. AC RAT has provided workshops to residents. Regional partnerships provide additional outreach materials and events.	70 (combined total for all education programs)
51	<b>In Progress</b>	TL-3.1B	Develop specific outreach program to inform residents, businesses, and property owners about the benefits of well-designed infill development.	Pending recommendations from Economic Development Study in 2017.	

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52	<b>Ongoing</b>	TL-3.1C	Conduct workshops that integrate public input and concerns into the infill development design process.	Staff conducts public meetings and workshops for the public.	
53		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.		
54	<b>In Progress</b>	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 scheduled for early 2017 and height and setback requirements will be evaluated after.	790
55	<b>Completed</b>	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. Grant applications sent. Currently designing for 2020.	
56	<b>Completed</b>	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.	
57	<b>Completed</b>	TL-4.1A	Create an economic development program.	Economic Development Committee established and Economic Development Study in progress.	225
58	<b>In Progress</b>	TL-4.1B	Explore the redevelopment potential of the Commercial Mixed Use District into a job-rich business park.	Pending recommendations from Economic Development Study in 2017.	
59	<b>In Progress</b>	TL-4.1C	Collaborate with neighboring communities to establish employment opportunities along transit corridors.	Pending recommendations from Economic Development Study in 2017.	

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60	<b>In Progress</b>	TL-4.2	Improve fuel efficiency of the City vehicle fleet by purchasing low- or zero-emission vehicles when vehicles are retired from service.	Fleet inventory conducted in 2011; pending update on new fleet inventory for 2017. The City could create an internal policy on replacing retired vehicles.	19
61	<b>In Progress</b>	TL-4.3	Incentivize electric and plug-in hybrid vehicles through development of automobile charging infrastructure and preferential street parking spaces.	Research in progress to install electric vehicle charging stations; draft ordinance complete.	
62	<b>In Progress</b>	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.	
63	<b>In Progress</b>	TL-4.4B	Facilitate the establishment of an Albany Transportation Management Association (ATMA) for community employers.	Pending survey results on how people commute.	
64	<b>Completed</b>	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.	
65	<b>In Progress</b>	TL-4.4D	Evaluate potential for rideshare stations in Albany.	Looking into Park and Ride with MTC on Buchanan Street under freeway overpass. Parking management study scheduled for late spring 2017.	1,140
66	<b>Ongoing</b>	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. Grant application in progress for Marin/Cornell Ave.	
67	<b>Completed</b>	TL-4.4F	Develop education and outreach programs aimed at reducing residents' transportation related emissions.	Outreach programs are currently conducted through the Safe Route to Schools Program, street smart banners, and educational posters on city big belly trashcans.	
68	<b>In Progress</b>	TL-4.5	Evaluate and consider implementation of community parking management strategies.	Parking study conducted in 2016.	Not quantified

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69	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.	Priorities have shifted to climate adaptation and staff has completed an initial adaptation assessment slated to be included in the CAP 2.0, Local Hazard Mitigation Plan, and General Plan.	Not included in inventory
70	<b>Waste Reduction Strategy</b>				
71	<b>Minimize waste.</b>				
72	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 or compostable.	2,210
73	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.	
74	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.	
75	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.	
76	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.	
77		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.	

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78	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 program.	
79	<b>Green Infrastructure Strategy</b>				
80	<b>Enhance natural assets that improve community quality of life.</b>				
81		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.	No Green Albany Plan but General Plan update addresses greening methods in the Land Use Element and the Conservation and Sustainability Element.	130
82	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.	
83	Ongoing	GI-1.1C	Plant 500 new trees per year.		
84	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.	
85	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.	
86	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 are installed and more are planned. Development of Green Streets Plan underway.	

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87	<b>Water Conservation Strategy</b>				
88	<b>Celebrate water as an essential community resource.</b>				
89	<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
90	<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
91	<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.	
92	<b>In Progress</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.	Pending WELO and Green Building reach code discussion.	25
93	<b>In Progress</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.	New BFLO/WELO adoption in 2017.	20
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95	<b>Food and Agriculture Strategy</b>				
96	<b>Create a sustainable and climate-friendly food system.</b>				
97	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; currently stopped due to operational losses. Staff continuing to locate new locations for future farmers market events.	Not included in inventory
98	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.	
99	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.	
100		FA-2.1	Encourage low-carbon meals through public education.		
101	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.	