

PROPOSED SUSTAINABILITY GOALS

ATTACHMENT II

Topics Presented to Committee on Sept. 17, 2019	Topics/Projects in Draft Strategic Roadmap									
	No.	Lead Dpt.	Supporting Depts.	Projects * = needs funding ** = statutory requirement	Year 1 20/21	Year 2 21/22	Year 3 22/23	Year 3+	2025	2030
	Combat Climate Change									
-	1			Reduce Dependency on Fossil Fuels						
All-electric design for new buildings		PW&U	DSD	Ban Natural Gas in New Residential Buildings						
Electric vehicle charging infrastructure		PW&U	DSD	Require EV Charging Infrastructure in New Construction (Reach Code)						
				Update Facilities Master Plan to Facilitate Transition of Natural Gas Appliances to Electric						
-		PW&U	DSD, ED	Explore Feasibility of Banning Natural Gas in Non-residential Buildings (for next code update)						
East Bay Community Energy (increase the use of renewable energy)	2	PW&U	MSD	Work with EBCE to Transition Citywide Electricity Use to 100% Carbon Free					100%	
-	3	PW&U	MSD	Transition Electricity Use in City Operations to 100% Renewable Energy					100%	
GHG Reduction: Goals for 2030 and beyond Support California's goal of carbon neutrality by 2045	4	PW&U	DSD	Adopt and Implement 2030 GHG Goal & Roadmap *					30%	50% or 55%
-	5	PW&U	DSD	Adopt ordinance regulating single-use plastic food ware in restaurants						
-		PW&U	DSD	Adopt ordinance regulating single-use plastic food ware in restaurants						
-		PW&U	DSD	Conduct Outreach for single-use plastic ban						
Tree planting/Urban canopy	6	MSD		Plant 800 trees Annually						
-		MSD		Plant 800 trees (300 by private developers)						
Electrification of the City's vehicle fleet	7	MSD	PW	Transition City fleet to electric by creating a fleet policy that incorporates green practices and reduced carbon emissions *						

Yellow cells = goals yet to be identified

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	-	8	PW	DSD	Adopt 2019 Building Code						
	Preparation for sea level rise	9	DSD	PW	Complete Shoreline Master Plan						
	Tree planting/Urban canopy	10	MSD	DSD & PW	Update Tree Preservation Ordinance						
Improve Infrastructure											
	Public transportation improvements (efficiency, reliability, accessibility, increase in ridership)	4			Increase Transit options						
	-		PW&U	CSD	Work with AC Transit Interagency Liaison Committee to make bus transit more convenient						
	-		PW&U	DSD	Work with Alameda County Transportation Commission (ACTC) to implement a rapid bus project along Mission Blvd.						
	Active transportation (bicycle & pedestrian infrastructure)	8			Implement Bike and Ped Master Plan						
	-		PW&U		Add 2miles of sidewalks per year *						
	-		PW&U		Add 5 miles of bike lanes per year						
	-		PW&U		Assess Safe Routes to School						
	-		PW&U		Implement Safe Routes to School *						
	-		PW&U		Assess Safe Route for Seniors in the Downtown Area						
	-		PW&U		Implement Safe Route for Seniors in the Downtown Area						
	-		PW&U		Conduct a feasibility study of Jackson Street improvements*						

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Electric vehicle charging infrastructure	9				Expand EV Charging Infrastructure for City Fleet and Employees						
-		MSD	PW&U		Conduct analysis of future demand						
-		MSD	PW&U		Construct additional EV charging facilities						
Solar for City Facilities	16	PW&U			Implement Phase 2 of solar project and investigate interim uses of additional energy						
Stormwater quality	17				Meet regulatory requirements for zero trash in stormwater						
-		PW&U			Install trash capture devices						
-		PW&U			Perform related trash reduction activities						
Water conservation	18				Expand Recycled Water Facilities						
-		PW&U			Complete RW project construction (initial phase)						
-		PW&U			Develop Recycled Water Master Plan						
Quality of Life											
Wildfire and air quality impacts from wildfires Community vulnerability to extreme heat	5				Update Comprehensive Emergency Services Plan for Community and Staff						
-		FD	MSD, PW&U, PD		Update and approve community emergency plan						
-		FD	All		Implement updated plan						
-		PW&U	FD		Conduct a 'Risk and Resilience' assessment of water system and update emergency response plan **						

Yellow cells = goals yet to be identified

The following is a list of topics presented to the Committee on September 17, 2019, but not included in the draft Strategic Roadmap. Goals for 2025 and 2030 will be identified for these topics:

Buildings:

- Electrification of existing buildings

Renewable Energy:

- Solar for the community

Transportation:

- Reduce vehicle miles traveled by single-occupant vehicles

Water Conservation:

- Bay-Friendly landscaping

Waste & Recycling

- Composting
- Carbon lifecycle of materials and products
- Product bans
- Compliance with SB 1383 (organics management and food rescue)
- Consumption reduction
- Landfill diversion