

Attachment A - City Action Plan

1.1 Transition to a Renewable Energy Future

Vision

San José will create SJCE, a community choice energy (CCE) program, that will make 100% carbon-free electricity available as a base offering to all users in the city by 2021.

FOCUS AREA	OPTIONS FOR SUPPORTING CITY ACTIONS	LEAD DEPARTMENTS
SAN JOSÉ CLEAN ENERGY	Run program under San José Department of Community Energy which will provide the community a choice in their electricity provider. EXISTING	DCE
	Support legislative and regulatory items that further the city's transition to renewable energy.	DCE
ENABLE FINANCING	Evaluate options such as performance-based electric rates and on-bill financing to incentivize fully-electric homes.	DCE
	Evaluate feed-in tariff program options where SJCE pays for excess residential and/or commercial solar generation.	DCE
	Provide guidance and explore improvements to energy efficiency financing options, especially for commercial businesses.	ESD
COMMUNITY SOLAR & VIRTUAL NET METERING	Run program and explore community solar farm, enabling individuals, groups, or homeowners to develop utility scale-facilitated program and sell "shares" in the farm. An alternative for people in multi-family or with unsuitable rooftops.	DCE
ACCESS TO LOW-INCOME COMMUNITIES	Partner with organizations (e.g., Grid Alternatives) to expand accessibility of solar to low-income customers (e.g., tariffs, state financing).	HD
BUILDING CODES & PERMITTING	Evaluate options to incentivize rooftop solar photovoltaic (PV) and/or solar hot water on new buildings and major retrofits.	PBCE
LEAD SOLAR ADOPTION BY EXAMPLE	Lead by example and pilot and promote multiple energy storage projects, including battery storage at highly visible locations (e.g., City Hall, fire stations).	DCE
	Lead by example and evaluate feasibility for all municipal buildings and install solar where possible.	PW
INTEGRATE ENERGY STORAGE WITH RENEWABLES	Provide guidance on renewables paired with storage as an alternative to new fossil fuel generation for all scales of power plants and eventually ban new fossil fuel generation (SPUR Fossil Fuel Free).	DCE
	Convene to explore best practices for energy storage in collaboration with other agencies/PG&E on fire protection, permitting, and building codes (SPUR Fossil Fuel Free).	PBCE

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1.2 Embrace Our Californian Climate

Vision

San José will effectively employ sustainable use practices of local water and green infrastructure to achieve a 30 percent reduction in residential water consumption to 42 gallons per day per capita by 2030.

FOCUS AREA	OPTIONS FOR SUPPORTING CITY ACTIONS	LEAD DEPARTMENT
RESIDENTIAL WATER CONSERVATION	Partner to continue to expand climate-compatible lawns program by providing a Bay-Friendly Landscapes rating systems as a way to create social badging. Other ideas include providing a website homeowners can post their own photos and landscape designs to inspire their neighbors.	ESD
	Provide guidance on where to find incentives for residential water retrofits (e.g., low-flow fixtures, high-efficiency dishwashers and washers). EXISTING	ESD
	Support legislative and regulatory items that further the city's water conservation efforts.	ESD
COMMERCIAL BUILDINGS	Provide guidance on how to individually sub-meter existing non-residential and multi-family buildings. EXISTING	ESD
	Evaluate options to incentivize new developments to have outdoor water use separately sub-metered.	PBCE
	Partner with leading engineer/developer/architect on a net-zero water concept in a project as a pilot and demonstration case.	ESD
RESERVOIR CAPACITY	Convene efforts on expansion of reservoir capacity in partnership with regional water agencies. EXISTING	ESD
RECYCLED WATER	Convene to advance regional conversation on the strategic expansion of recycled water to increase supply and reduce reliance on imported water and improve water quality in San Francisco Bay.	ESD
ACCESS TO LOW INCOME COMMUNITIES	Partner with organizations to increase access to clean and affordable water for all residents. EXISTING	ESD
STORMWATER	Convene to advance regional conversation to understand potential contribution of stormwater capture and reuse to region's water supply portfolio. Current potential is relatively unknown but other dry cities have it as a significant piece of their portfolios (SPUR Future proof).	ESD
	Partner with Santa Clara Valley Water District (SCVWD) and Open Space Authority on their coordinated study to quantify water resource and climate resilience benefits of green infrastructure investments in Coyote Creek watershed lands.	ESD
	Run program to include green infrastructure (e.g., rain gardens) as part of complete streets requirements.	ESD
RESEARCH & ADVOCACY	Convene to invest in additional climate change research to better understand projected magnitude of change on supply in order to know what to do. Cities and counties need to better understand rainfall and snowpack impacts as well as saltwater intrusion into aquifers (SPUR Future proof).	ESD
	Convene to advocate for reforming Proposition 218 which deters lifeline rates and tiered pricing. Work with the Water Foundation (SPUR Future proof).	ESD

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2.1 Densify Our City to Accommodate Our Future Neighbors

Vision

San José will embrace an expected 319,000 additional residents by 2050 through managed, mixed-use densification around its urban villages and other focused growth areas.

FOCUS AREA	OPTIONS FOR SUPPORTING CITY ACTIONS	LEAD DEPARTMENTS
ENCOURAGE MODE SHIFT	Update the 2020 Bike Plan with a focus on strategies to increase bike usage. EXISTING	DOT
	Adopt the complete streets design standards that are smart, green, and multimodal. EXISTING	DOT
	Evaluate options to incentivize new development (e.g., developments over 25,000 sf or 25 units) to include a GreenTrip score in their submittal.	PBCE
	Provide guidance with Vision Zero to make walking and cycling safer in San José. EXISTING	DOT
	Provide guidance and update Urban Design Guidelines so they are transit-supportive and ensure new development supports mode shift and decarbonization. EXISTING	PBCE
	Evaluate options (e.g., adopting vehicle trip caps) in megaproject developments to incentivize reduction in vehicle use.	PBCE, DOT
	Finalize and implement Greater Downtown Bicycle Network so that it is comfortable for people of all ages and abilities.	DOT
ENCOURAGE DENSER DEVELOPMENT IN FOCUSED GROWTH AREAS	Adopt transportation policy that shifts from Level of Service (LOS) to VMT under CEQA.	PBCE, DOT
	Evaluate options to incentivize developers to build ZNE buildings.	PBCE
	Evaluate zoning code for ways to incentivize high-density housing and jobs into priority development areas, especially within a quarter-mile of transit stations and stops, to promote walkability and reduce costs of housing plus transportation.	HD
	Consider minimum acceptable densities so that land resources are not locked in to low-density patterns of development.	--
	Create policies and tools to prevent and mitigate displacement of local residents and small businesses	--
PARKING	Evaluate changes to minimum and maximum parking requirements near transit to encourage increased use of public transit and allow for greater densities.	PBCE
	Evaluate options for demand-based pricing for city-owned parking garages to reduce congestion and encourage increased use of public transportation.	PBCE, DOT

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2.2 Make Homes Efficient & Affordable for Our Residents

Vision

All new homes built in San José from 2020 will be ZNE and existing homes will be retrofitted to reduce their energy consumption and eliminate their use of natural gas.

FOCUS AREA	OPTIONS FOR SUPPORTING CITY ACTIONS	LEAD DEPARTMENTS
HOME RETROFITS	Evaluate options for publishing home energy use/benchmarking data upon property sale and encouraging follow-up property upgrades (e.g., through Energy Upgrade California).	ESD
	Partner to create a PG&E-style center that provides hands-on demonstrations and trainings for home and commercial users to understand more about retrofits and ZNE homes.	ESD
	Partner with Property Assessed Clean Energy (PACE) organizations to refine the offerings to make it more effective. EXISTING	ESD
	Evaluate options such as removing fees, streamlining permitting, and training building department staff to incentivize the installation of electric end-use upgrades.	PBCE
MULTI-FAMILY HOMES RETROFIT	Partner to identify multi-family retrofit incentives and encourage participation with existing energy resources. EXISTING	ESD
ACCELERATE DEVELOPMENT OF ZNE HOMES	Evaluate options such as fast track permitting to incentivize energy-efficient, ZNE homes.	PBCE
	Partner with innovative organizations such as Prospect Silicon Valley and contractors/developers on ZNE single-family home retrofit projects to raise awareness and showcase technologies that make it possible.	ESD
	Partner to raise awareness of ZNE homes tours and partner with AIA & progressive developers.	ESD
	Partner with developer to create ZNE buildings in an high profile location or an urban village.	PBCE
	Provide guidance by training City staff in advance of state requirements to have all new homes be ZNE by 2020.	PBCE
ACCESS TO LOW-INCOME COMMUNITIES	Partner to make energy efficiency upgrades accessible to low-income communities.	HD
	Support energy-efficient retrofits of existing affordable and rent-stabilized apartment buildings to lower energy costs and reduce housing costs for residents.	HD
NETWORK ACTIVATION	Develop multi-channel network activation approach to encourage adoption of energy and water efficiency products, services, and behaviors across residents.	ESD
	Create open-access data portal for residents to understand their neighborhood and city-level patterns of energy and water consumption.	ESD

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2.3 Create Clean, Personalized Mobility Choices

Vision

San José will work to develop clean, personalized, and shared mobility choices, reducing single-passenger gasoline car use through a combination of bike and ridesharing, passenger vehicle electrification, and, in the future, AVs.

FOCUS AREA	OPTIONS FOR SUPPORTING CITY ACTIONS	LEAD DEPARTMENTS
VEHICLE ELECTRIFICATION	Partner to strategically expand network of publicly available charging stations.	DOT
	Participate in the California Public Utility Commission's Vehicle-Grid-Integration working group, which is defining system requirements to ensure open and interoperable communication between vehicles, EV chargers, and grid operators.	DOT
	Evaluate options to incentivize EV charging stations, or EV-readiness, in new commercial parking areas.	PBCE
	Evaluate options such as taxi permitting incentives and discounted group EV purchasing to incentivize the use of EVs for taxis, car-sharing, and transportation network companies.	DOT
	Lead by example by expanding the conversion of public vehicle fleets to electric as quickly as possible.	PW
	Convene stakeholders to explore requirements for new buildings, including multi-family developments, that would facilitate EV charging.	PBCE, DOT
	Evaluate options to streamline permitting process for all types of EV chargers to comply with AB1236.	PBC
	Partner with relevant organizations to provide data analytics insights for an autonomous, shared, and electric mobility strategy.	ESD, DOT
	Identify an internal EV champion to work with public and private sectors to complete an EV strategy.	ESD, DOT
AUTONOMOUS VEHICLES	Provide guidance to understand implications of AVs on the City's fleet. EXISTING	DOT, PW
	Regulate to get the most benefits from AVs by making driving alone in AVs more expensive and promoting mode shifts (SPUR Fossil Fuel Free).	DOT
	Partner with innovative organizations (e.g., Prospect Silicon Valley) to better understand AVs and increase adoption.	DOT
TRAVEL DATA	Run program to explore technology and data systems that enhance our understanding of traffic and vehicle travel in the City.	DOT
ACCESS TO LOW INCOME COMMUNITIES	Partner to make electric and autonomous cars accessible and affordable to low income residents.	DOT

2.4 Develop Integrated, Accessible Public Transport Infrastructure
Vision

San José will continue supporting public transit infrastructure as a means of getting around the city, particularly the integration of multiple transport modes at Diridon Station.

FOCUS AREA	OPTIONS FOR SUPPORTING CITY ACTIONS	LEAD DEPARTMENTS
TRAVEL DATA	Partner with transit and other agencies such as SPUR and MTC to unify the transit experience across operators with accessible maps and wayfinding, scheduling, fares, station design, and marketing. Also work toward investing in frequency, infrastructure, and reliability in the places that have the highest ridership and the potential to attract new riders.	DOT, OED
	Partner with regional agencies to create clear, consistent, and performance-based Transportation and Parking Demand Management (TDM) policies.	DOT
	Advance long-range transit projects that serve growth areas by developing plans and implementing in conjunction with the VTA and other cities to achieve VMT reductions.	DOT
	Strive for transit stations that are exceptionally designed and integrated into the urban and economic fabric of the city.	DOT, PBCE, OED
ACCESS TO LOW-INCOME COMMUNITIES	Explore discounted or free transit for students, seniors, and lower income residents.	DOT

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3.1 Create Local Jobs in Our City to Reduce Vehicle Miles Traveled

Vision

San José will work to create an additional 332,000 local jobs in our City by 2040.

FOCUS AREA	OPTIONS FOR SUPPORTING CITY ACTIONS	LEAD DEPARTMENTS
ECONOMIC & WORKFORCE DEVELOPMENT	Update Minimum Wage Ordinance to increase minimum wages across the city, getting to \$15 per hour by 2019 and tying to consumer price index inflation thereafter.	OED
	Continue San José Works youth summer internship program for young people from at-risk neighborhoods.	OED
	Continue San José Promise program, providing free two-year community college and college readiness programs.	OED
	Continue providing on-the-job training to residents in high-demand fields such as manufacturing.	OED
	Continue providing workforce training cohorts in technical trades through partnerships with local community colleges.	OED
TOD & PLANNING	Proactively support TOD through the General Plan and Urban Village plan.	OED

3.2 Improve Our Commercial Building Stock

Vision

All new commercial buildings built in San Jose from 2030 will be ZNE, and existing commercial will be retrofitted to reduce their energy consumption and eliminate their use of natural gas.

FOCUS AREA	OPTIONS FOR SUPPORTING CITY ACTIONS	LEAD DEPARTMENTS
NEW CONSTRUCTION	Provide guidance and encourage new construction and retrofitting of buildings toward ZNE through trainings, demonstration, and other identified incentives. EXISTING	ESD
	Explore incentives to build ZNE buildings by making vacant City land available for developers with the most innovative designs.	OED, PBCE
RETROFITS	Evaluate options for publishing large commercial building energy use/benchmarking data and encouraging follow-up property upgrades. Pilot a 100-day challenge to have 100 businesses disclose energy data.	ESD
	Run program to achieve energy efficiency market transformation and outreach, and increase participation of audits, rebates, technical support, and other innovative programs.	DCE
	Run program for SJCE to offer demand response to businesses.	DCE
	Partner with innovative contractor/developer on a net gen ZNE nonresidential retrofit to raise awareness and showcase technologies that make it possible.	ESD
	Partner to create a Better Building Challenge type program (LA and DoE program) to provide commercial owners guidance.	ESD
	Evaluate options such as voluntary outcome-based building energy codes and/or priority permitting for buildings demonstrating high energy performance to incentivize ZNE buildings.	PBCE
	Provide guidance for permitting office on ways to ensure new buildings and retrofits are built as required by the energy code. EXISTING	ESD
	Convene owners and property managers of the largest blocks of building types on how to accelerate meeting a ZNE goal for building retrofits.	ESD, PBCE
FINANCING	Evaluate options such as on-bill financing to incentivize energy efficiency upgrades.	DCE
	Provide guidance on green leasing for building owners and tenants. EXISTING	ESD

3.3 Make Commercial Goods Movement Clean & Efficient

Vision

San José will support its commercial and industrial sectors in reducing the carbon impact from goods movement by transitioning to clean and efficient logistics.

FOCUS AREA	OPTIONS FOR SUPPORTING CITY ACTIONS	LEAD DEPARTMENTS
CALIFORNIA SUSTAINABLE FREIGHT ACTION PLAN	Engage with regional transportation stakeholders to explore the City's role in developing policies that support the California Sustainable Freight Action Plan.	DOT
LOCAL GOODS MOVEMENT	Advance EV battery and storage options for goods vehicles.	DOT
	Explore further market transformation activities with other cities seeking to electrify City vehicle fleets.	DOT, PW
	Evaluate the potential for new logistics and commercial delivery models such as drone delivery, cargo bikes, and pickup lockers to reduce commercial vehicle use within the City.	DOT
	Work with major commercial transport users in San José to explore fleet optimization best practices.	DOT