

SAN JOSE

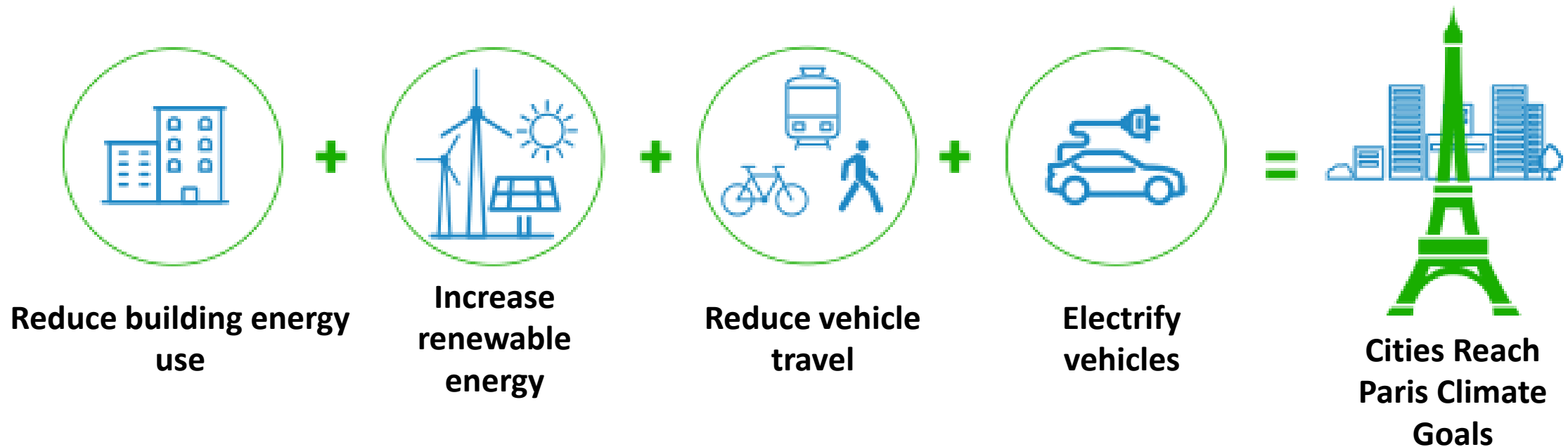
City Council, February 26, 2018

American Cities Climate Challenge

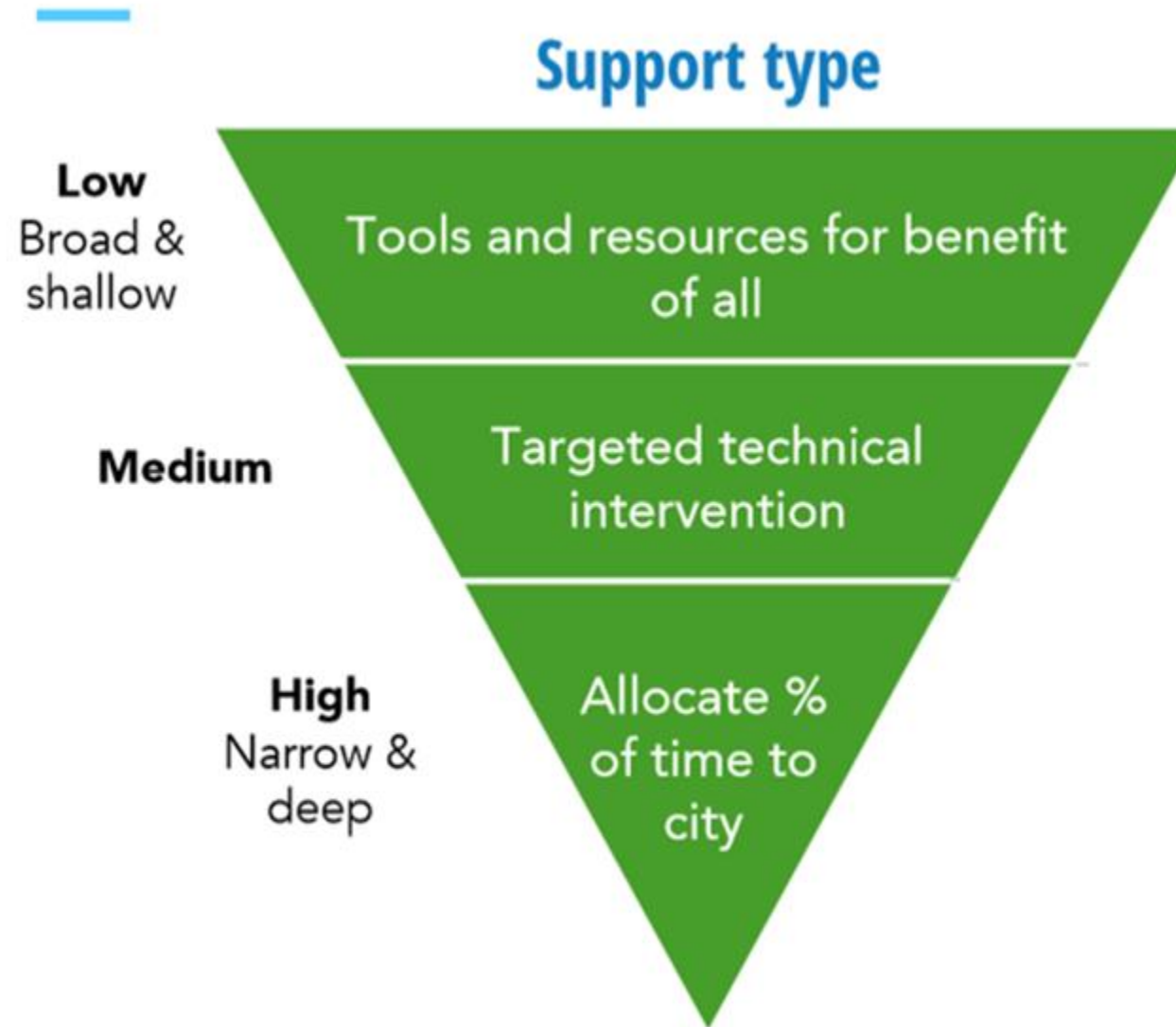


About the American Cities Climate Challenge

The **American Cities Climate Challenge** is a Bloomberg Philanthropies initiative that aims to accelerate and deepen U.S. cities' efforts to create the **greatest climate impact through 2020** and showcase the benefits – **good jobs, cleaner air, and cost savings** – that climate solutions brings.



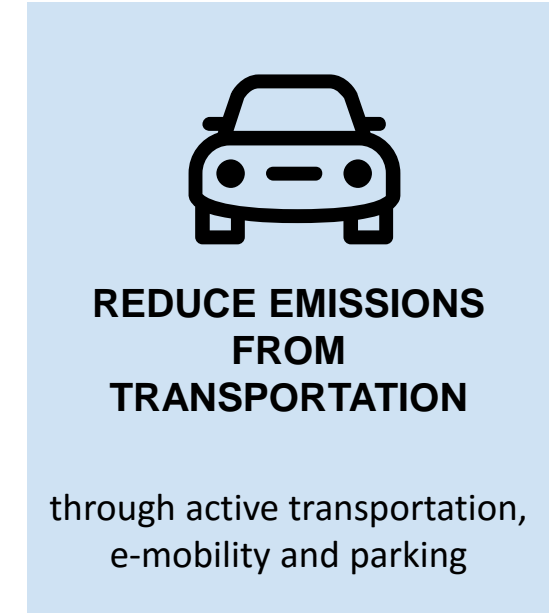
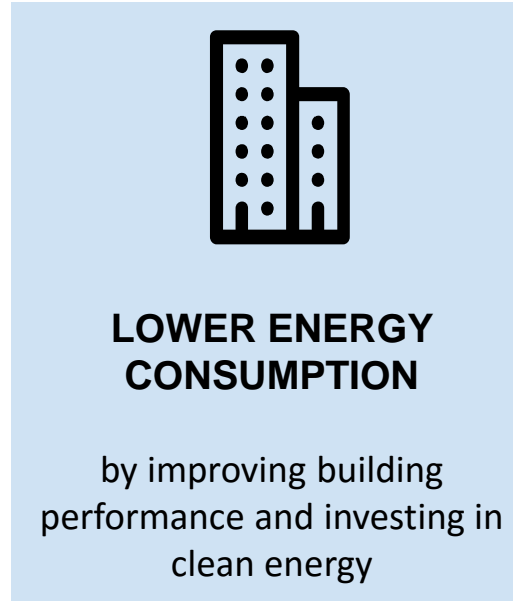
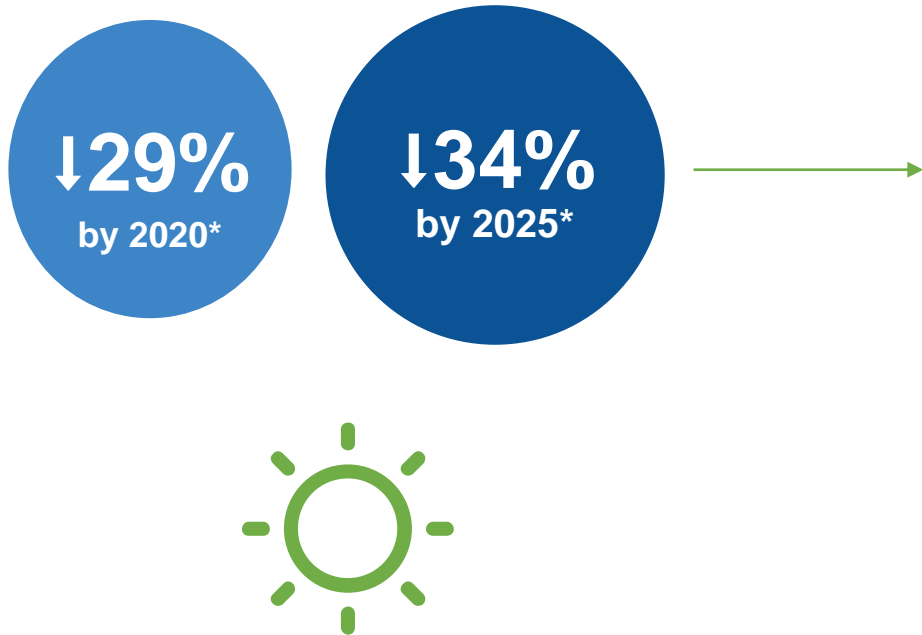
Support Package: \$2.5 million in resources



San Jose's City Strategy Overview

Vision

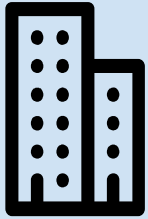
The **City of San Jose** has established **bold climate goals**:



Strategies

San Jose's City Strategy Overview - Buildings

Strategies



LOWER ENERGY CONSUMPTION

by improving building performance and investing in clean energy



Initiatives & Goals (end of 2020)

1: Energy reduction programs and policies for commercial buildings: **90% compliance rate for buildings under ordinance**

2: EV, solar readiness & reach code : **2,400 new multi-family units, 1.6 million sq. ft. of new commercial buildings EV- and solar-ready & 2,700 ZNE housing units**

3: Roadmap for building decarbonization through demonstration and programs : **Enrolling 500 residents as “Climate Leaders”; 12 ZNE-related trainings with 300 attendees;**

San Jose's City Strategy Overview - Transportation

Strategies



REDUCE EMISSIONS FROM TRANSPORTATION

through active transportation,
e-mobility and parking



Initiatives & Goals (end of 2020)

4: High priority segments in the walking and bicycling network: **20% increase in bicycling**

5: Parking management and pricing: **Pursue ordinance to remove parking minimums for new development resulting in 50% reduction in parking for new housing**

6: Encourage new mobility options: **Increase # of trips per vehicle per day to 3**

7: Market Transformation for EVs: **Increase the percentage of newly registered EVs in San José by 20%**

8: Shared EV Strategy : **Increase the percentage of EV car share vehicles by 5%**

Each Initiative has a Delivery Plan

Milestones

Project tracking tool to help the ACCC team optimize where resources are deployed and when

American Cities Climate Challenge									
Delivery Plan - Minneapolis									
Mayer, Jacob Frey City Owner(s):									
Hood, Ritchie, Policy Director Kim Harvey, Manager of Sustainability Jennifer Hager, Director of Environmental									
On Track At Risk In Danger Off Track Complete									
Policy/Program Action	Objective	Milestone	ID	Owner	Planned Start	Planned End	Status	Progress Note	Q1
1. Energy code enforcement	Complete trainings for all reviewers and inspectors	Materials for code inspection developed	A01	Doug M	1/1/19	2/15/19	On Track		
1. Energy code enforcement	Complete trainings for all reviewers and inspectors	Training program launched	A02	Doug M	3/1/19	12/1/19	At Risk		
1. Energy code enforcement	Outreach/education to developer community	New information portal published	A03	Doug M	6/1/19	12/1/19	In Danger		
1. Energy code enforcement	Outreach/education to developer community	Association meetings held and outreach agenda delivered	A04	Doug M	10/1/19	4/1/20	Off Track		
1. Encourage and enable new mobility options	Adopt/reviewed City regulations	Developmental city regulations in line with TIA recommendations	A01	Jennifer H	1/1/19	3/1/19	Complete		
1. Encourage and enable new mobility options	Adopt/reviewed City regulations	Approve/pass amended City regulations	A02	Jennifer H	3/1/19	5/1/19			
1. Encourage and enable new mobility options	Adopt/reviewed City regulations	Develop fee structure for shared modes which supports EV	A03	Jennifer H	1/1/19	5/1/19			
1. Encourage and enable new mobility options	Adopt/reviewed City regulations	Release report for the Region's Shared Use Mobility Action Plan and the Shared Mobility Collaborative	A04	Jennifer H	9/1/19	1/1/20			
1. Encourage and enable new mobility options	Pilot Mobility Hubs	Concept of mobility hub defined and agreed upon with St. Paul	A05	Jennifer H	1/1/19	3/1/19			
1. Encourage and enable new mobility options	Pilot Mobility Hubs	Identify potential hub locations	A06	Jennifer H	1/1/19	2/1/19			
1. Encourage and enable new mobility options	Pilot Mobility Hubs	Mobility hub locations approved	A07	Jennifer H	2/1/19	3/1/19			
1. Encourage and enable new mobility options	Pilot Mobility Hubs	Design specifications for hubs approved with street space allocation	A08	Jennifer H	1/1/19	4/1/19			
1. Encourage and enable new mobility options	Pilot Mobility Hubs	RFP/RFPQ launched	A09	Jennifer H	4/1/19	6/1/19			
1. Encourage and enable new mobility options	Pilot Mobility Hubs	Council approved budget for pilot hubs	A10	Jennifer H	1/1/19	4/1/19			

Indicators

Identification of metrics that will be used to track success including data owner and frequency

American Cities Climate Challenge									
Policy/Program Action	Indicator	Update frequency	Data lag	Data owner and org	Data contact	Additional notes (e.g., timing of update, process for update)			
(1) Energy code enforcement	% of buildings compliant with energy code								
(1) Energy code enforcement	# of building inspectors trained								
(2) Meet municipal electricity demand with renewable energy	% of MW that is renewable energy								
(2) Meet municipal electricity demand with renewable energy	# of MW that is renewable energy								
(2) Meet municipal electricity demand with renewable energy	Companies enrolled								
(3) EV and solar readiness framework	MW of solar capability enabled								
(3) EV and solar readiness framework	# of EV charger ready spots enabled								
(4) Zero code adoption	TBD								
(5) Encourage new low-carbon mobility options	# of bikes/shared mobility vehicles added								
(5) Encourage new low-carbon mobility options	# of trips per vehicle per day								
(6) Improve public transportation reliability	Miles of bus lane improved								
(6) Improve public transportation reliability	Average bus speed on improved lanes								
(7) Improve public transportation experience	TBD								
(8) Expand high frequency public transit	Miles of high frequency public transit created								
(9) Mobility pricing and parking management	Mobility pricing TBD								
(9) Mobility pricing and parking management	% of parking spots covered by new policies								
(10) Digital infrastructure and data sharing framework	# of pilots complete								

Trajectories

Quarterly target setting for each indicator to allow for progress tracking and to flag resourcing needs

American Cities Climate Challenge										
Trajectories - Chicago										
Policy/Program Action	Indicator		2019				2020			
			Q1 '19	Q2 '19	Q3 '19	Q4 '19	Q1 '20	Q2 '20	Q3 '20	Q4 '20
(1) Energy code enforcement	% of buildings compliant with energy code	Planned	65%							80%
		Actual								
(1) Energy code enforcement	# of building inspectors trained	Planned	0							100%
		Actual								
(2) Meet municipal electricity demand with renewable energy	% of MW that is renewable energy	Planned								16%
		Actual								
(2) Meet municipal electricity demand with renewable energy	# of MW that is renewable energy	Planned								11
		Actual								
(2) Meet municipal electricity demand with renewable energy	Companies enrolled	Planned	0							25
		Actual								
(3) EV and solar readiness framework	MW of solar capability enabled	Planned								
		Actual								
(3) EV and solar readiness framework	# of EV charger ready spots enabled	Planned								
		Actual								
(4) Zero code adoption	TBD	Planned								
		Actual								
(5) Encourage new low-carbon mobility options	# of bikes/shared mobility vehicles added	Planned	0							10,000
		Actual								
(5) Encourage new low-carbon mobility options	# of trips per vehicle per day	Planned								
		Actual								

Key Components of Each Delivery Plan: Milestones

Milestones are grouped into 4 categories

Planning for delivery

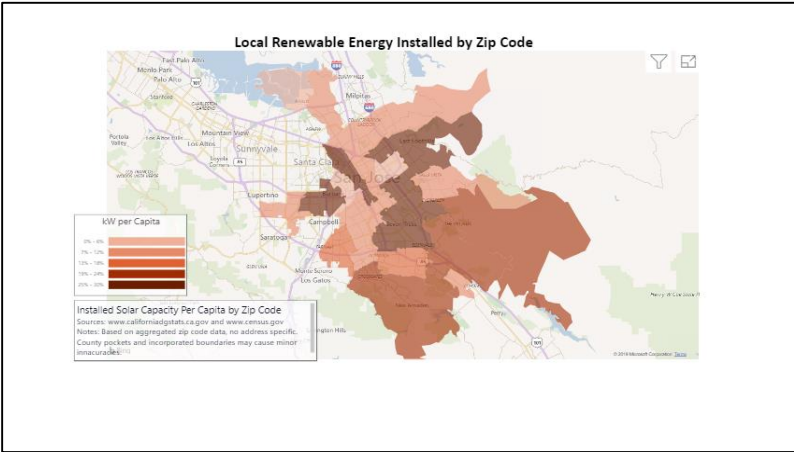
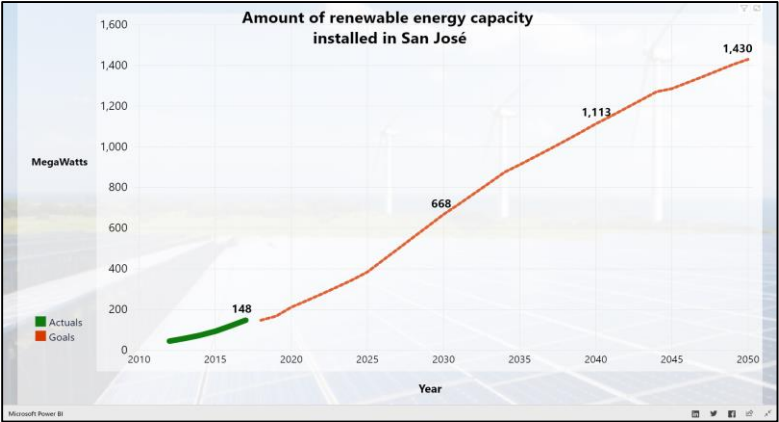
**Coalition building &
stakeholder engagement**

**Implementation &
performance management,
prototyping and piloting**

Passing legislation or policy

Key Components of Each Delivery Plan: Indicators

Climate Smart San Jose Dashboard



Maximize Results



Approximately 60 MMT of carbon emission reductions through ACCC initiatives alone

Additional citywide resources

Recommendation:

Adopt a resolution authorizing the City Manager to negotiate and execute the Memorandum of Understanding with the Natural Resources Defense Council, Inc. in support of the American City Climate Challenge, establishing the terms and conditions for a working agreement and the City of San Jose's American Cities Climate Challenge work plan.