

# Climate Action and Electrification at the City of San Luis Obispo

August 2021

Andy Pease, Council Member



# Background: Small Town Governance



- Pop. 46,000
- Full-service City
  - Public Works
  - Utilities
  - Police/Fire
  - Parks & Rec
  - Planning & Building
  - Admin, IT, HR
- 4 council members, 1 mayor
- Half-time job, \$14k/year
- Politically-mixed County

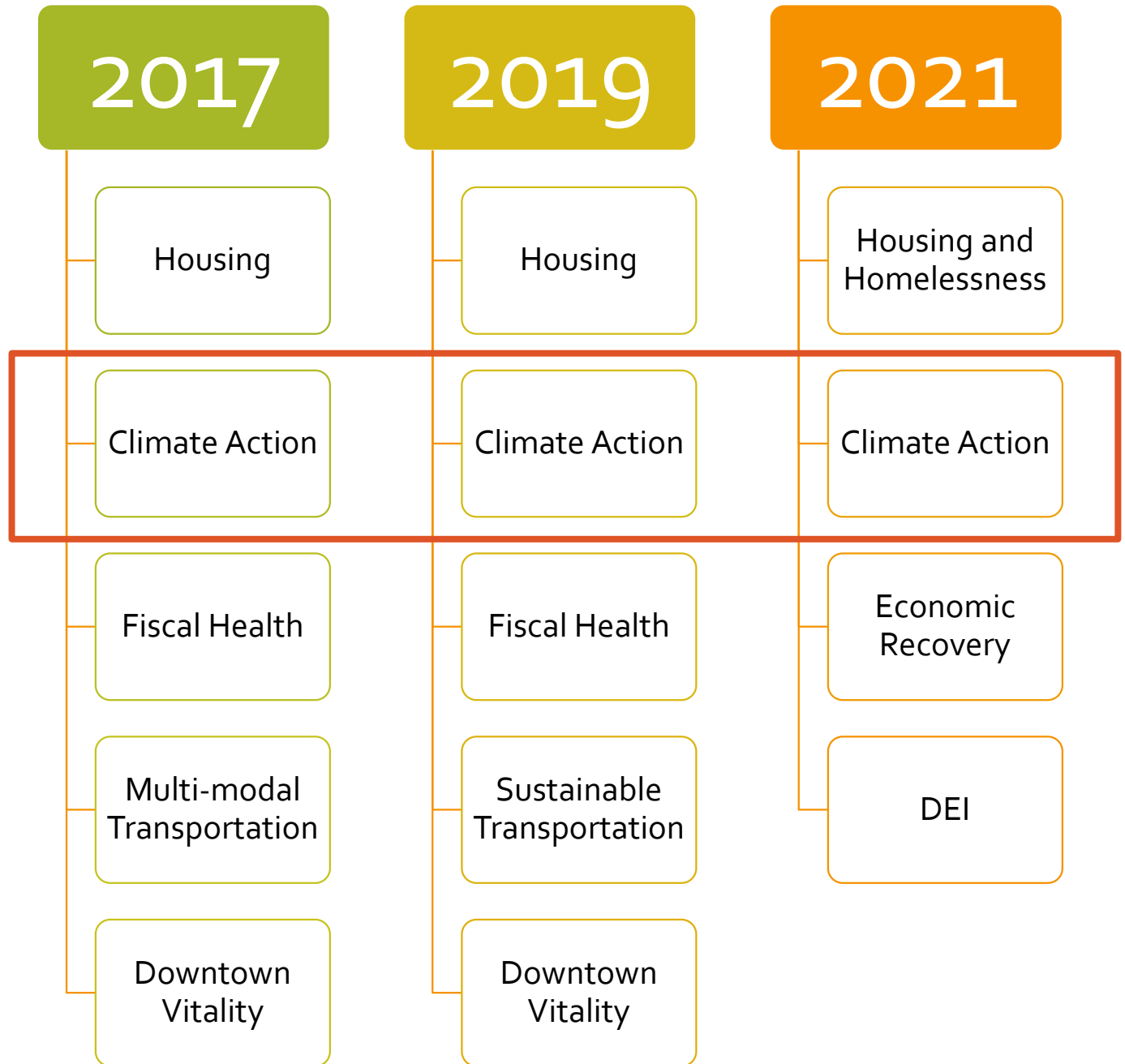
## Tools in the Council Member Tool Box

- Platform
- Key Staff
  - City Manager
  - City Attorney
  - That's it!
- Policies
- Ordinances
- Budget

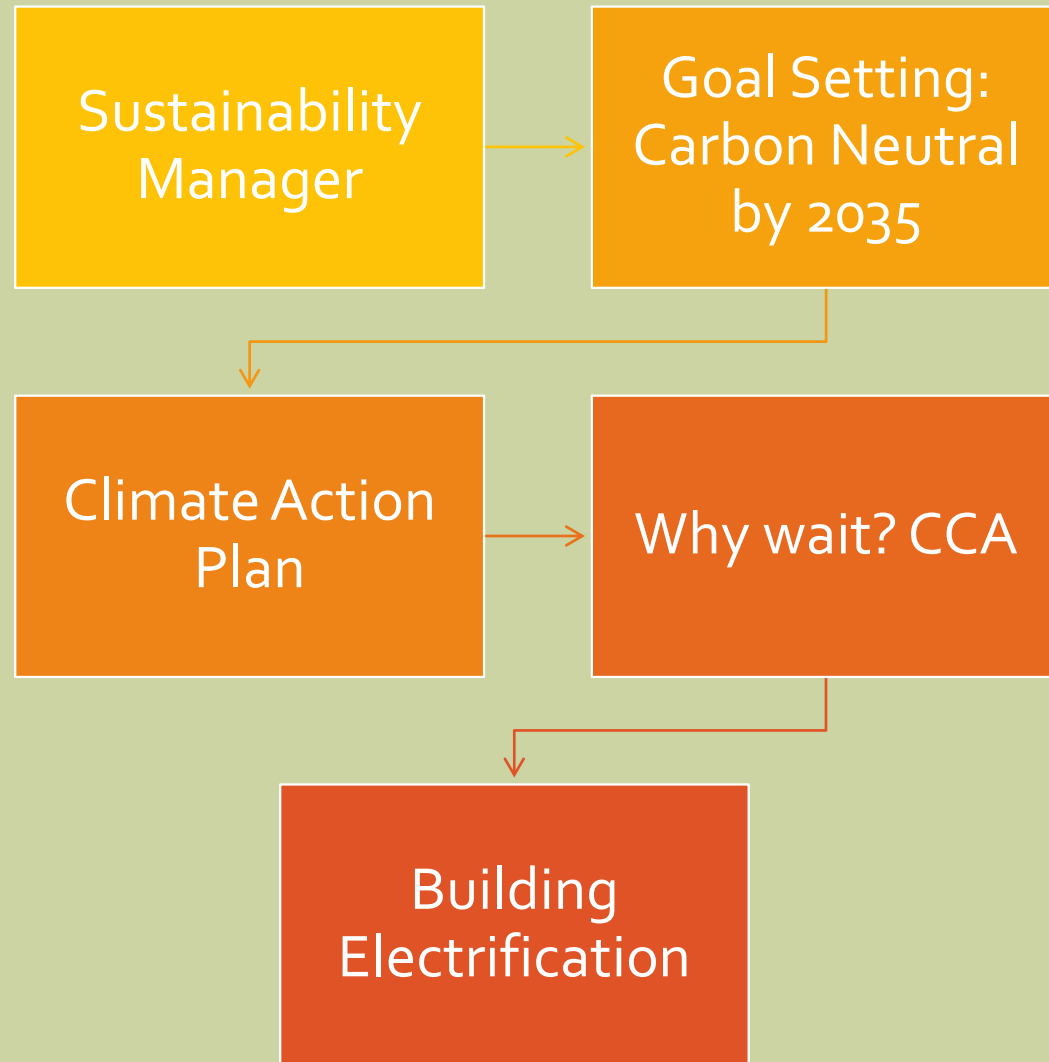




# Establishing Budget Priorities

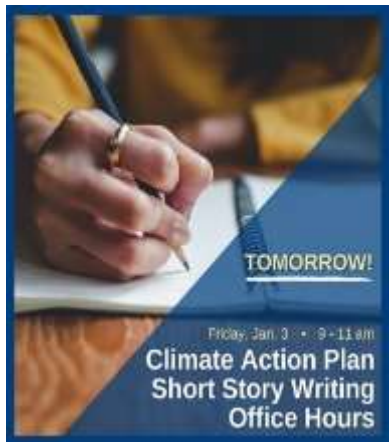


# Policies and priorities within “Climate Action”





# Climate Action Plan: Public Engagement

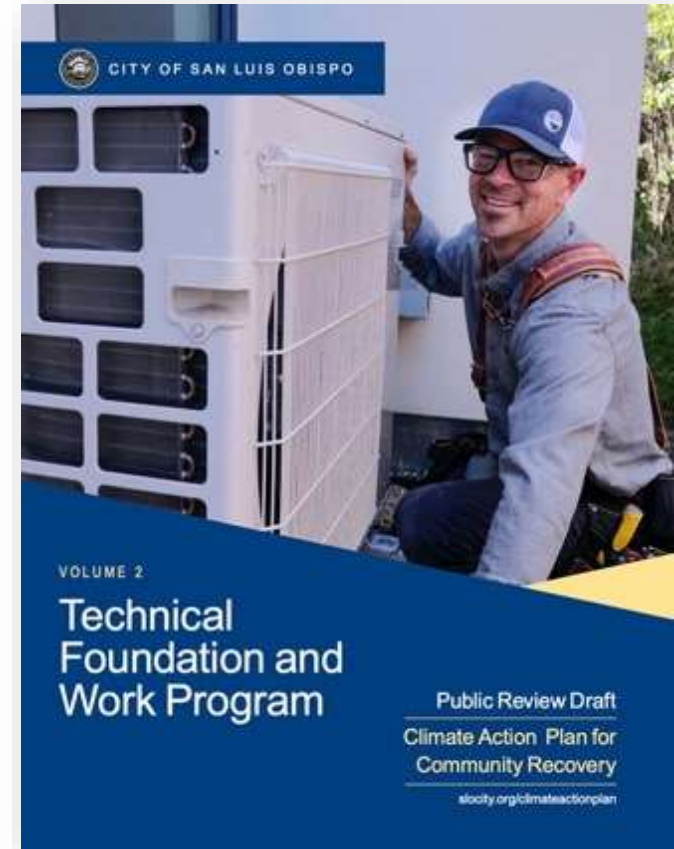


# Climate Action Plan – 2-Part Document

## Volume 1: Stories from 2035



## Volume 2: Technical Foundation and Work Program





# Climate Action Plan

**PILLAR 1 Lead By Example**  
GOAL: Carbon neutral government operations by 2030

**PILLAR 2 Clean Energy Systems**  
GOAL: 100 percent carbon free electricity by 2020

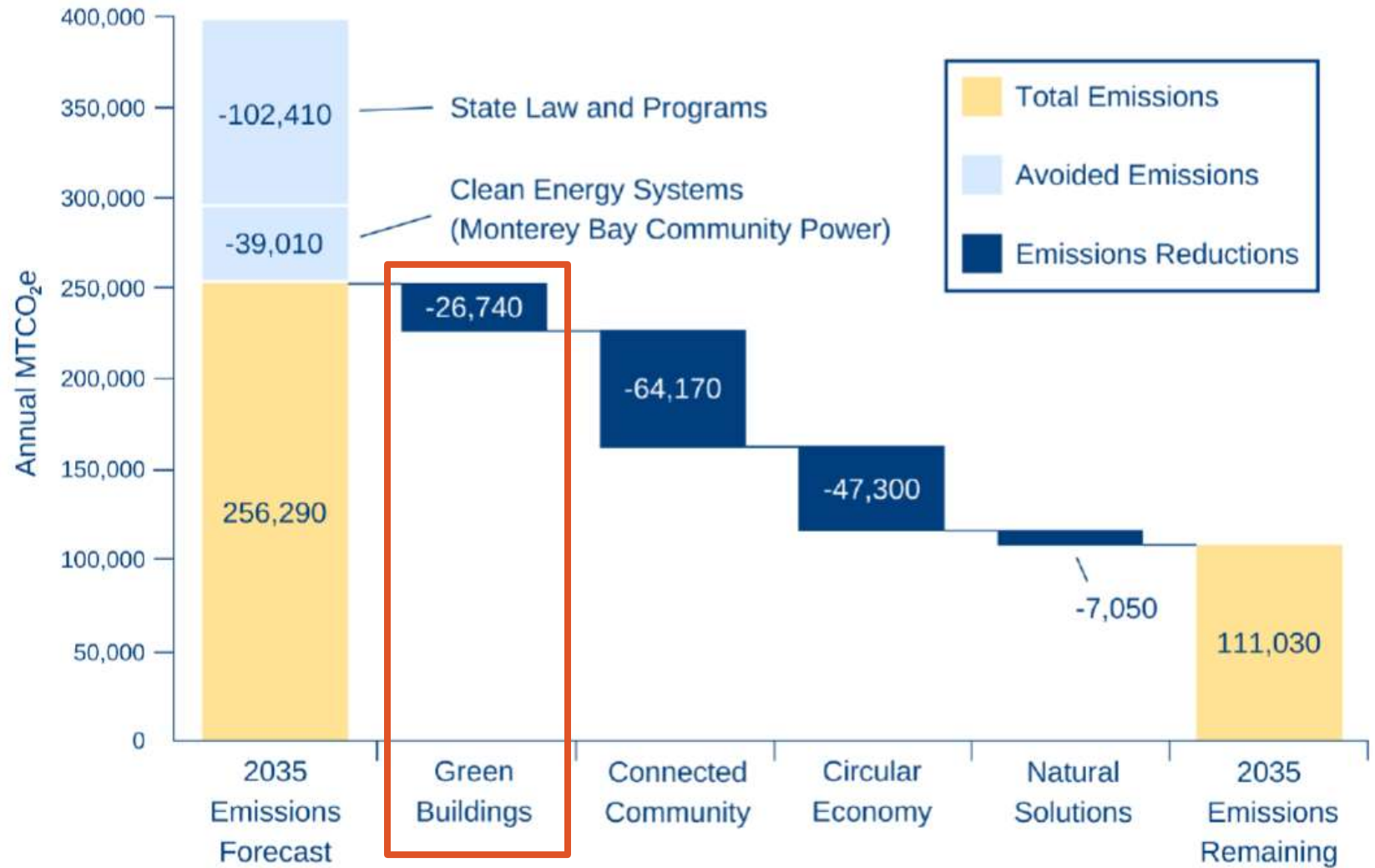
**PILLAR 3 Green Buildings**  
GOAL: No net new emissions from buildings' onsite energy use by 2020; 50 percent reduction in existing building onsite emissions by 2030

**PILLAR 4 Connected Community**  
GOAL: Achieve General Plan mode split objective by 2030; 40 percent of vehicle miles traveled by electric vehicles by 2030

**PILLAR 5 Circular Economy**  
GOAL: 75 percent diversion of landfilled organic waste by 2025; 90 percent by 2030

**PILLAR 6 Natural Solutions**  
GOAL: Increase carbon sequestration on the San Luis Obispo Greenbelt and Urban Forest through compost application-based carbon farming activities and tree planting, ongoing through 2035

**Figure 3.3. Greenhouse Gas Emissions Reductions by Decarbonization Pillar**  
(Annual MTCO<sub>2</sub>e in 2035)



# Building Electrification – Ban gas for new construction!



**ars** TECHNICA BIZ & IT TECH SCIENCE POLICY CARS GAMING & CU

**CORONAVIRUS —**  
**Union rep apparently threatens coronavirus infections to stop clean energy rule**

"There will be no social distancing in place," union rep wrote to city leaders.

TIMOTHY B. LEE · 5/6/2020, 1:49 PM

Or not...

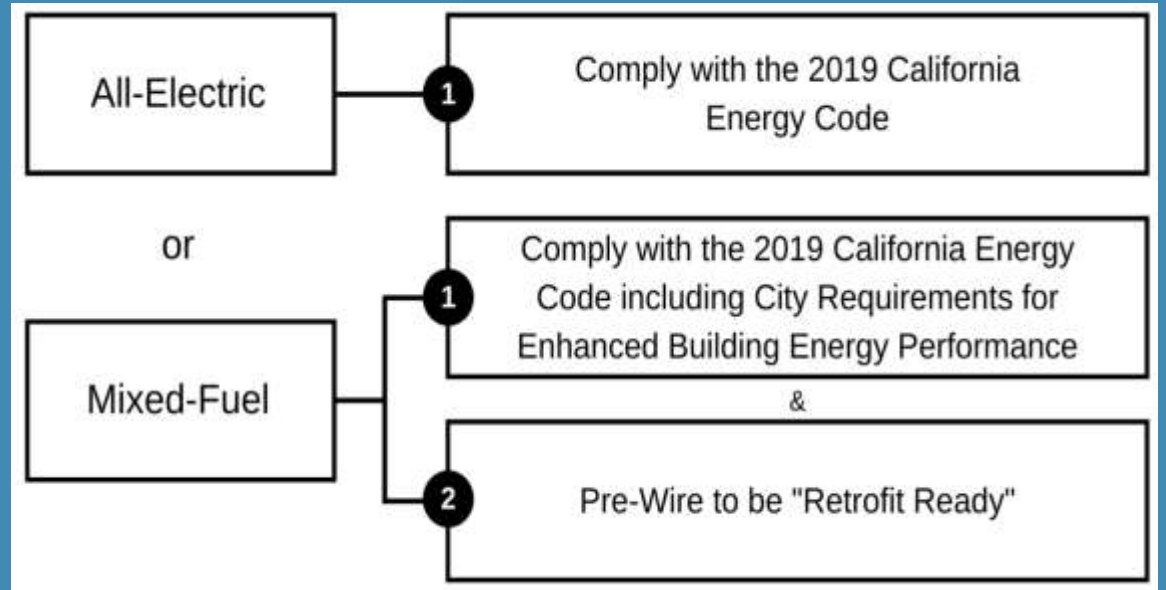




# Clean Energy Choice Program for New Buildings



## Low-rise Residential and Single-Family Residential:



- Non-Res: Similar, but add Renewable Energy
- Exceptions for restaurant or specific industry
- Incentives: Training, technical support, others TBD
- **Next: Existing buildings**

# Good work being done, and more to do!



Parking garage LED lighting retrofits



20+ public EV chargers, plus Solar EV charger at City Hall



1,300 all-electric homes entitled



Methane capture and co-generation system installed at WRRF



Two electric bus purchase orders, more coming



Thank you!