

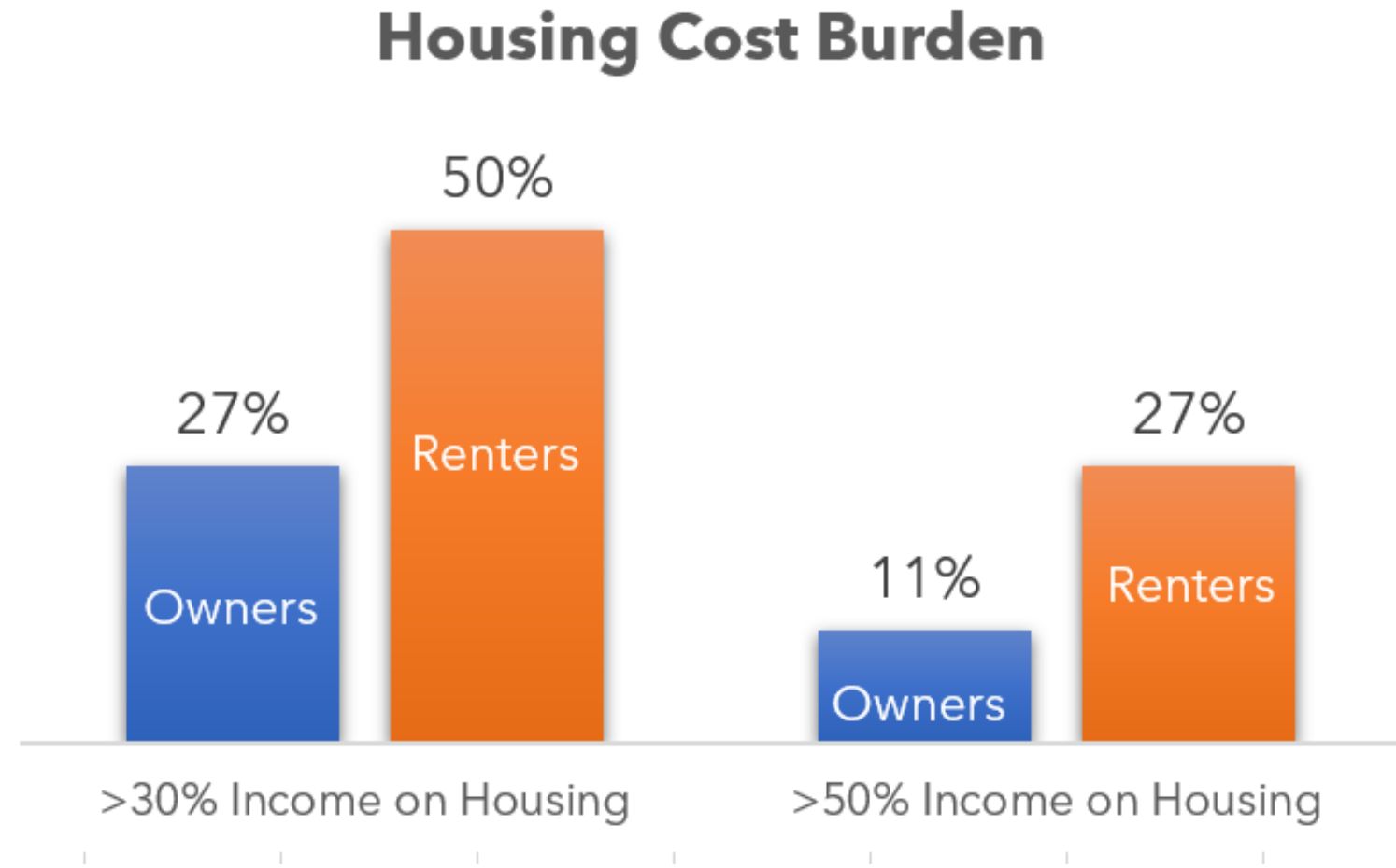
City Council Update

Existing Building Electrification Strategy

September 14, 2021

Electrification

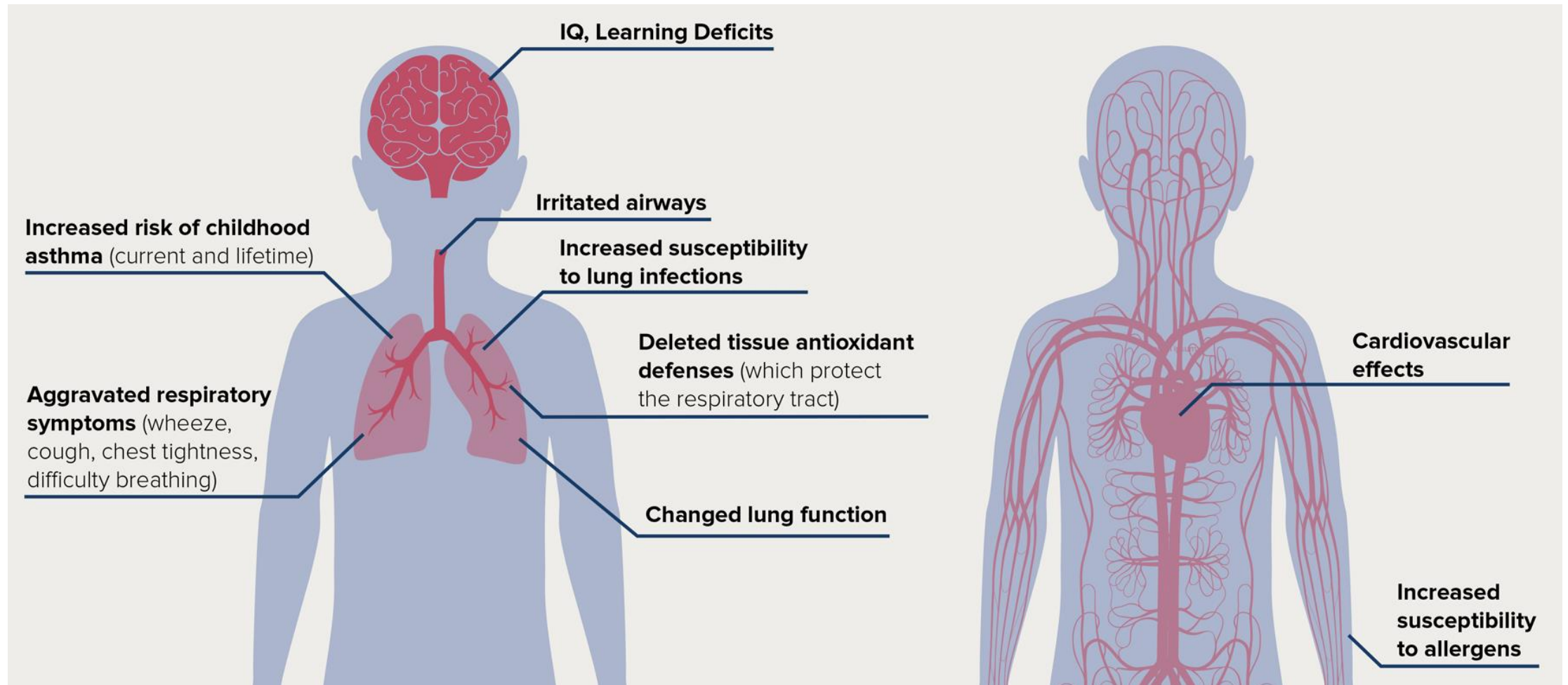
Ensure a collaborative and just decarbonization transition.



Source: American Community Survey (2014-2018), 2018 Sacramento housing cost burden

Health benefits

Gas stoves increase children's asthma risk by 42%.



Recap: related efforts



New Building Electrification
Ordinance

[cityofsacramento.org/
SacElectrificationOrdinance](https://cityofsacramento.org/SacElectrificationOrdinance)



Water Reuse & Workforce
Opportunities



Existing Building
Electrification Strategy

Recap: related efforts

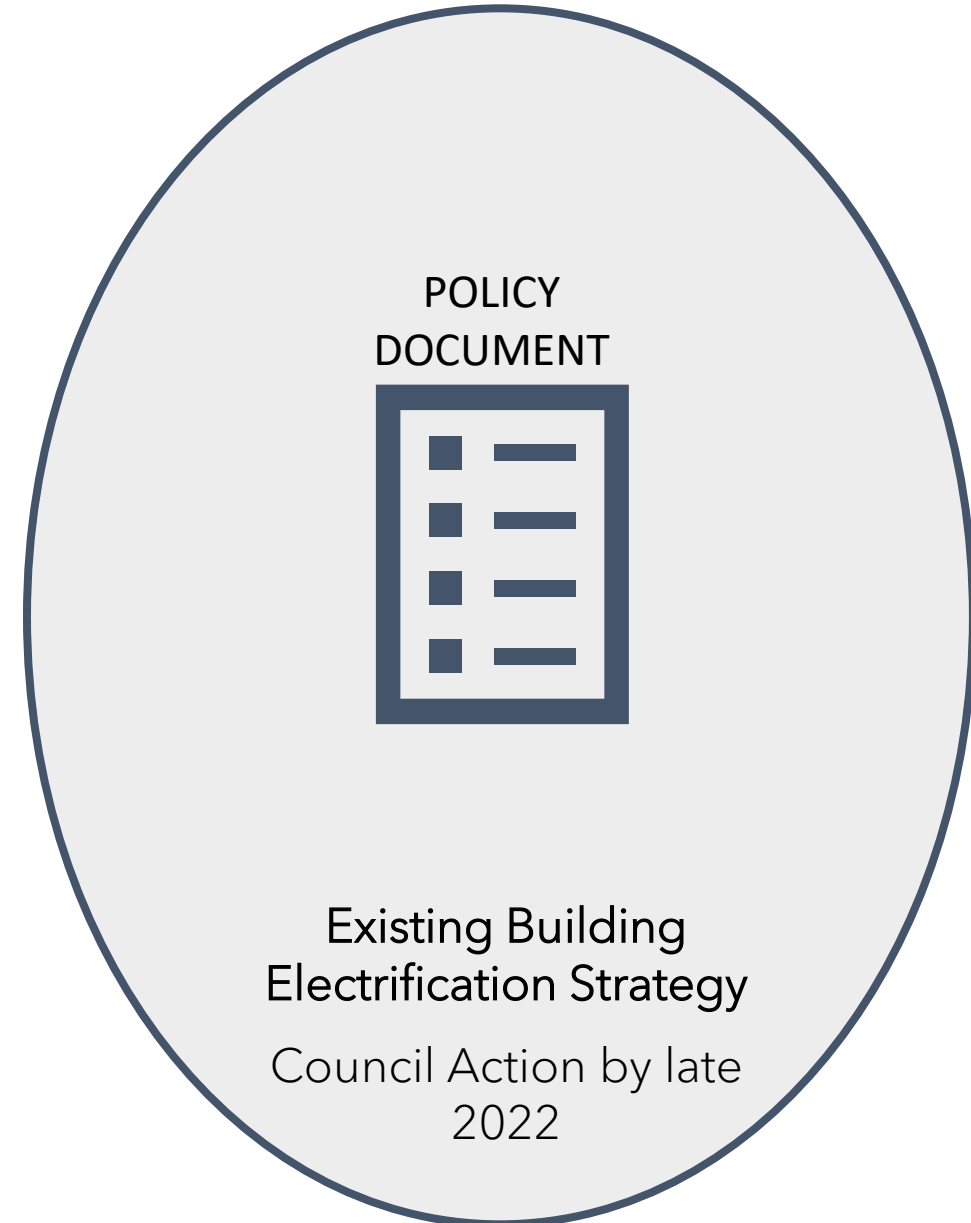


New Building Electrification
Ordinance

Effective 1/1/23



Water Reuse & Workforce
Opportunities



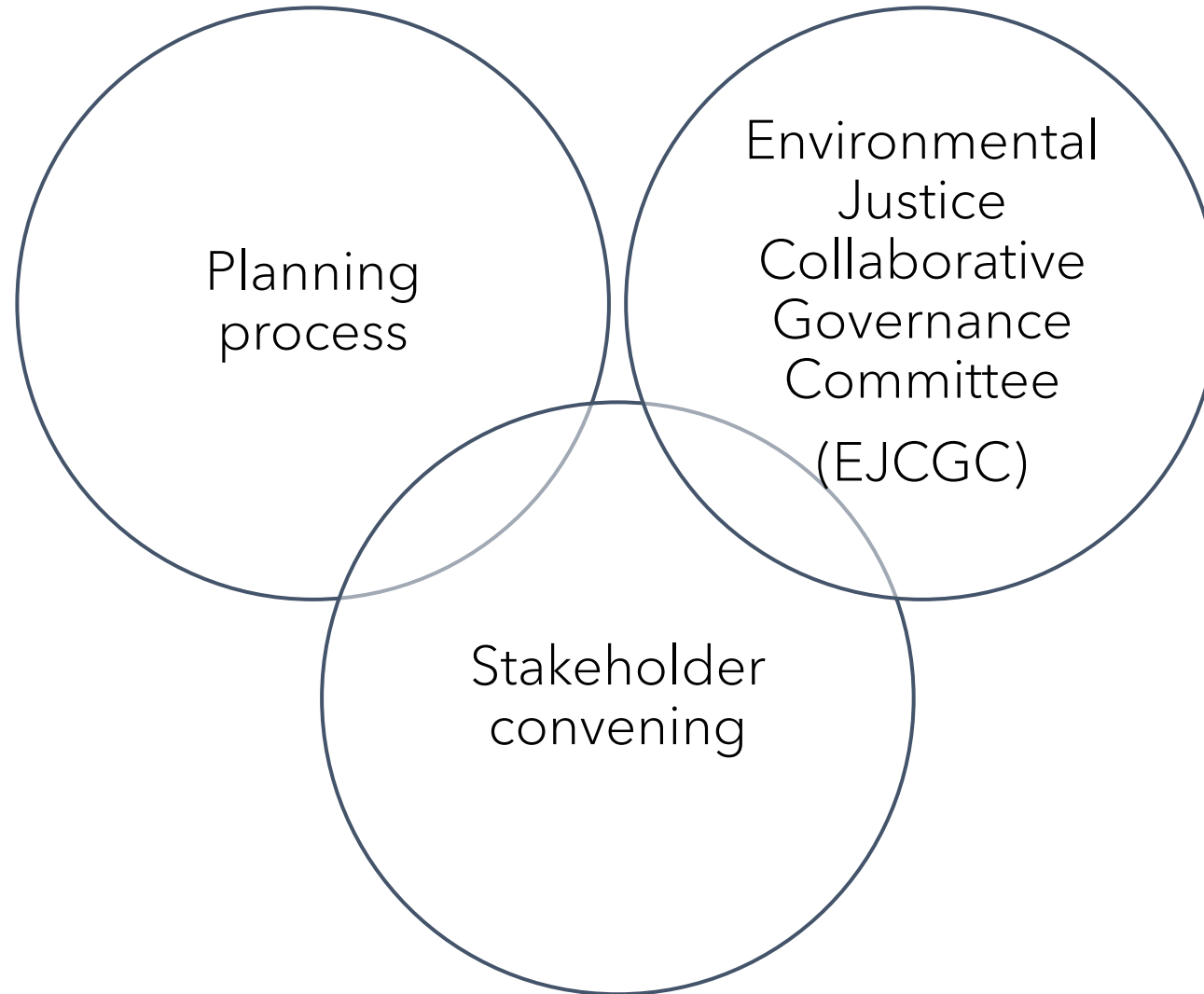
POLICY
DOCUMENT



Existing Building
Electrification Strategy

Council Action by late
2022

Updates



Planning process

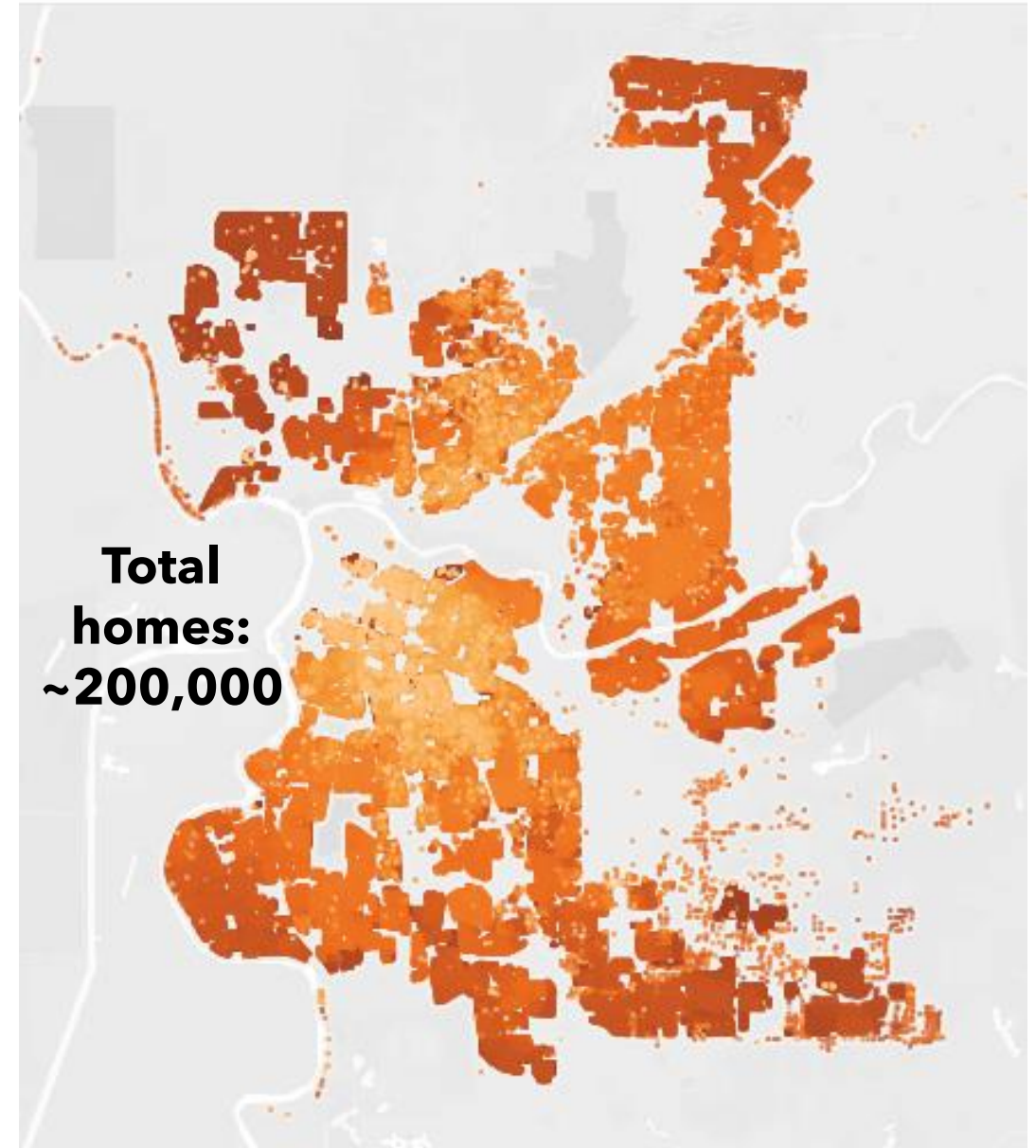
2-phase work plan

ATTACHMENT 3

1. Outreach & analysis
2. Policy document & implementation plan

SINGLE-FAMILY HOMES BY YEAR BUILT

1900  2020



EJCGC recommendations

ATTACHMENT 4

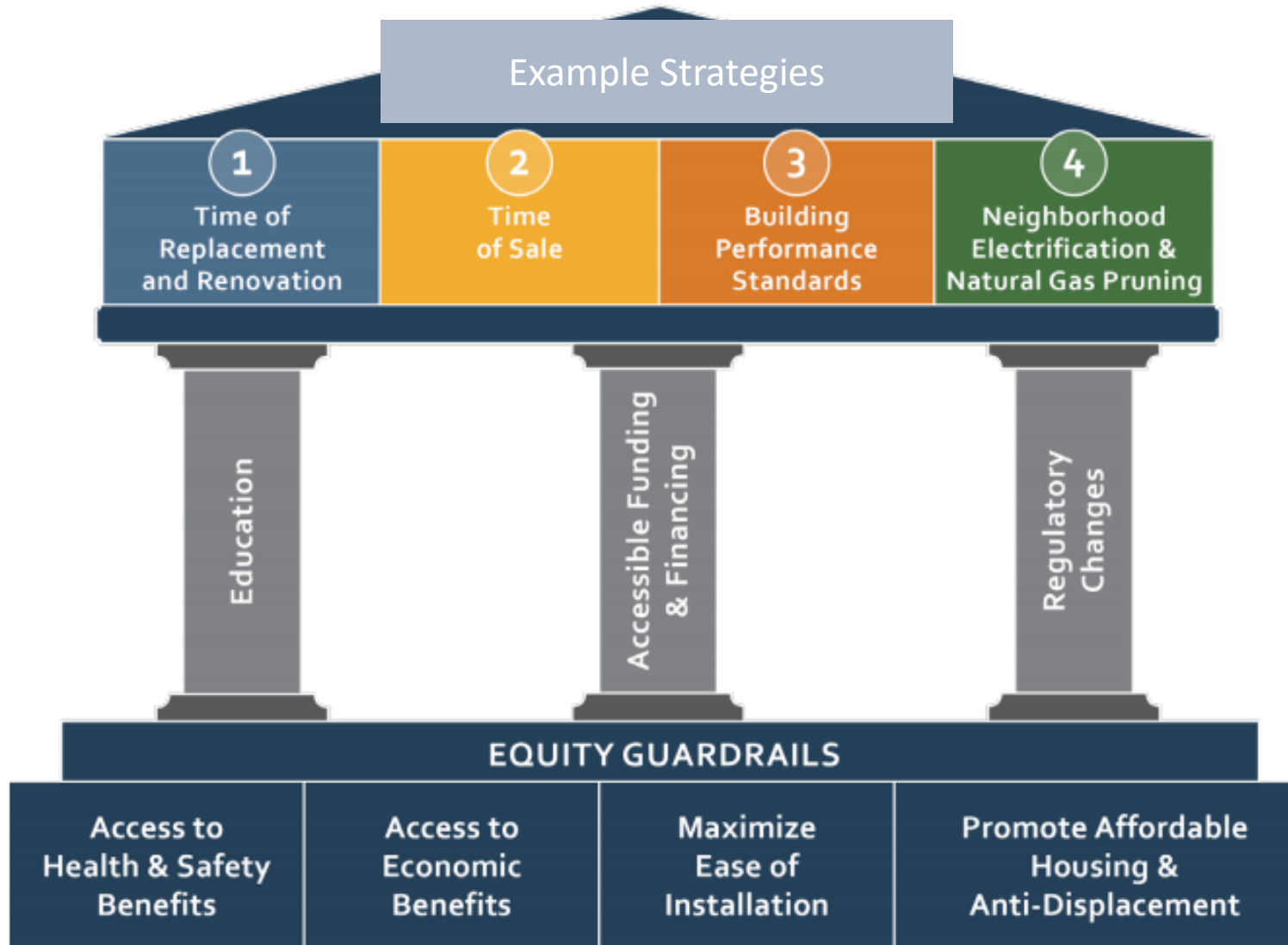
- Holistic & sustained engagement
- Rethink incentives
- Remove participation barriers

sacej.org



Sacramento
Environmental Justice
Collaborative Governance
Committee

Example framework



Source: City of Berkeley (2021). *Draft Existing Building Electrification Strategy*. cityofberkeley.info/uploadedFiles/Planning_and_Development/Level_3_-_Energy_and_Sustainable_Development/Draft_Berkeley_Existing_Bldg_Electrification_Strategy_20210415.pdf

Stakeholder feedback

Several key issues and sectors identified.



Approach

Phase 1: Outreach and Analysis

- 1.1 Community Engagement Strategy:
- 1.2 Analysis Framework: September 2021
- 1.3 Building Inventory and Market Segmentation Study
- 1.4 Electrification Measures Analysis (Initial Strategy Scan)
- 1.5 Meetings and Presentations

Phase 2: Final Pathway and Policy Implementation Plan

- 2.1 Stakeholder Engagement, Guidance, and Summary Document
- 2.2 Generation and Analysis of Options
- 2.2 Draft Existing Building Electrification Strategy
- 2.3 Meetings and Presentations
- 2.4 Final Existing Building Electrification Strategy and Policy Implementation Plan



POLICY DOCUMENT



Approach

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POLICY DOCUMENT

- Sectors
- Cost & impacts
- Retrofit approach
- Funding resources
- Regulatory and legislative issues

Next steps

- September 2021: Contract for Existing Building Electrification Strategy
- **October 2021: Update to City Council on Climate Action & Adaptation Plan**
- Fall 2021: Community engagement strategy and analysis framework
- **Late 2021: Update to City Council**
- Winter 2021 - Spring 2022: Electrification measures and policy analysis
- **Spring 2021: Update to City Council**
- Summer 2022: Draft Existing Building Electrification Strategy
- Fall 2022: Final Existing Building Electrification Strategy
- **Late 2022: Recommendation to City Council**

cityofsacramento.org/SacExistingBuildingElectrification

Energy use

- 38% of total greenhouse gas emissions

2016 Community GHG Emissions
metric tons of carbon dioxide equivalent (MTCO₂e)

