



# YOU BELONG HERE

Sustainable – Connected – Welcoming

## K2044 Comprehensive Plan Update Sustainability, Climate, and Environment Element

October 25, 2023

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# AGENDA



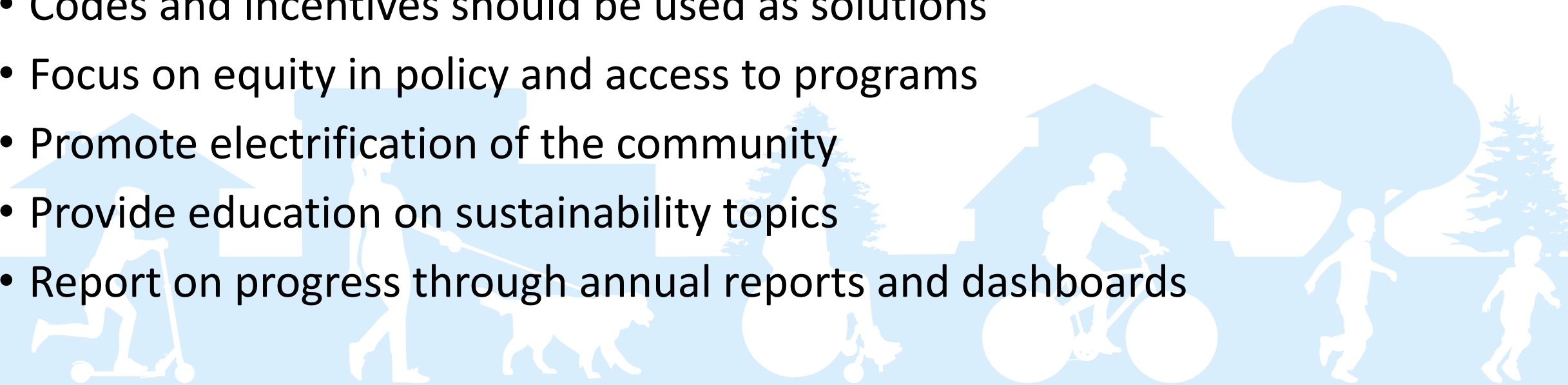
- Recap Previous Meeting
- SCE Element Required Policies and Legislation
- Key discussion points and feedback
- Next steps



# SCE ELEMENT FOCUS GROUP THEMES



- Address climate change impacts
- Address heat and smoke events with an equity lens to increase resilience
- Promote major city programs and how the city can best help the community
- Codes and incentives should be used as solutions
- Focus on equity in policy and access to programs
- Promote electrification of the community
- Provide education on sustainability topics
- Report on progress through annual reports and dashboards



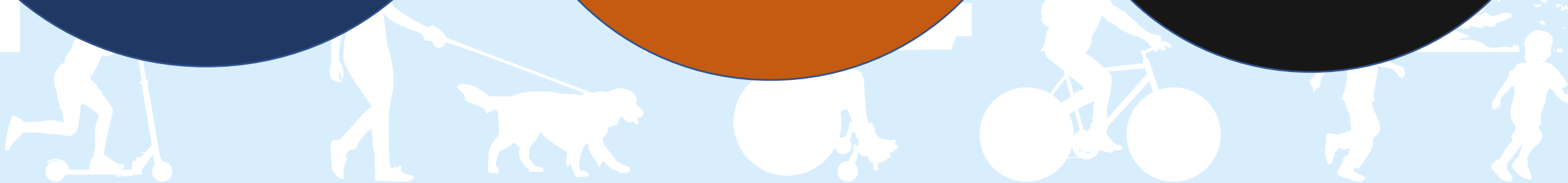
# REQUIREMENTS FOR ELEMENTS



Consistency with  
State, Multi-County  
and King County  
Countywide Planning  
Policy

Alignment with  
local functional  
plans such as  
Sustainability  
Master Plan (SMP)

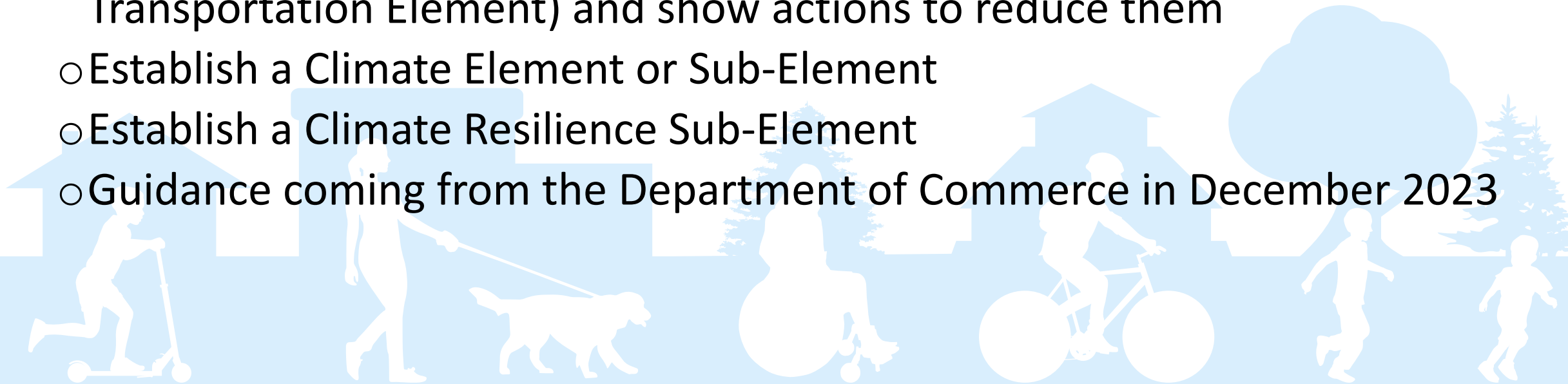
Consider key goals/  
policy language from  
Kirkland's Diversity,  
Equity, Inclusion and  
Belonging Roadmap  
and ECONorthwest  
Equity Review



# LEGISLATIVE REQUIREMENTS



- E2SHB 1181 – Improving the state's response to climate change by updating the state's planning framework
  - Cities must revise Vehicle Miles Travelled Targets (Primarily Transportation Element) and show actions to reduce them
  - Establish a Climate Element or Sub-Element
  - Establish a Climate Resilience Sub-Element
  - Guidance coming from the Department of Commerce in December 2023

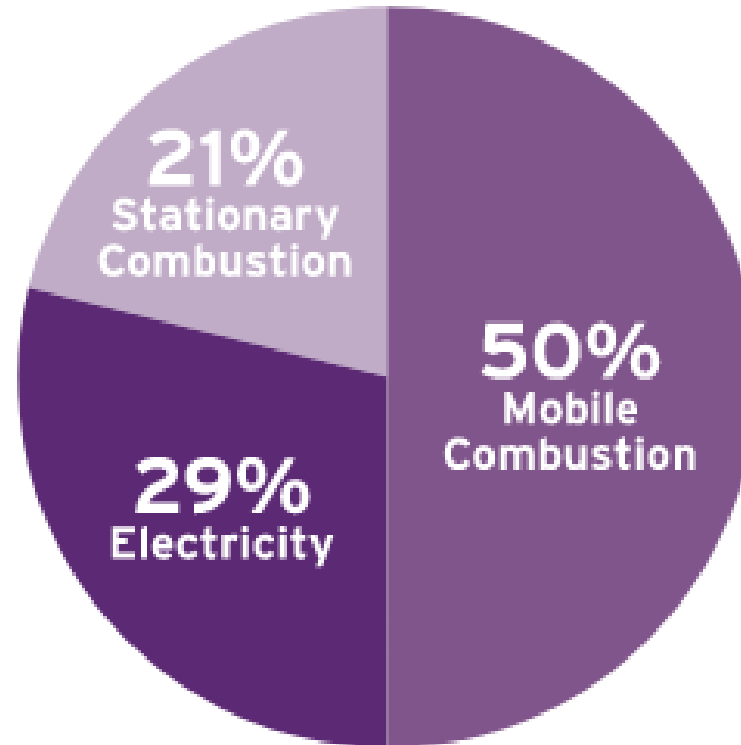


# EMISSION TARGETS AND SOURCES

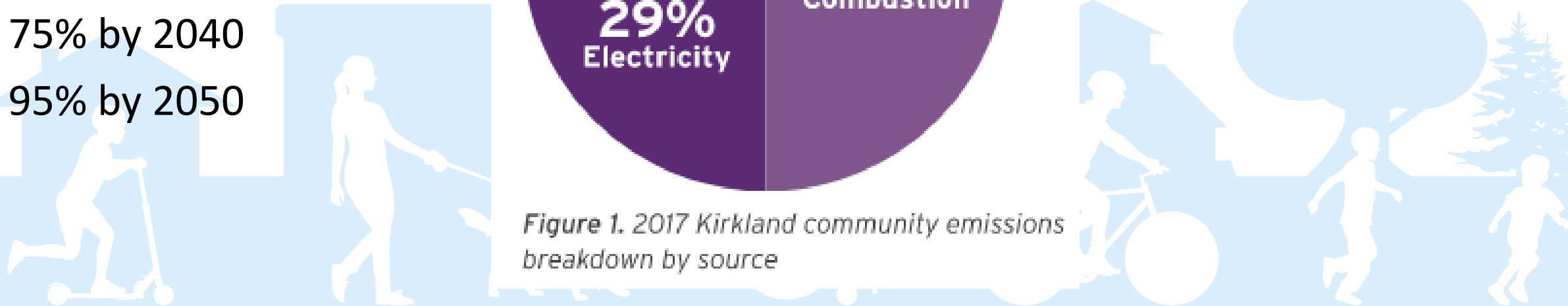


## Community-wide Carbon Emission Reduction Targets

- 50% by 2030
- 75% by 2040
- 95% by 2050



*Figure 1. 2017 Kirkland community emissions breakdown by source*



# FOSSIL FUEL POLICY OPTIONS



- a. The City in its operations and on a community-wide basis, will significantly reduce its reliance on natural gas and other fossil fuels to meet its greenhouse gas emission targets and create a cleaner, renewable energy future.
- b. The City in its operations and on a community-wide basis, will curtail its use of fossil fuels to the greatest extent possible, and evaluate progress annually, with the purpose of meeting stringent emission reduction targets of 50% by 2030, 75% by 2040 and 95% by 2050.
- c. The City will prioritize making changes to its operations, retrofit facilities to significantly reduce the use of fossil fuels, and quickly help the community electrify and transition to the creation and use of 100% clean, renewable energy.





# HIGH PERFORMING POLICY ELEMENTS



- *SAP programs.* Which SAP green/sustainability programs should be considered City-wide (Green Factor, High Performing Buildings, others)?
- *Speed of implementation.* How aggressive should the City be in requiring these new standards (should we study the issue further or incorporate the standards immediately)?
- *Qualifying projects.* Should all development projects be subject to these new requirements or should only large projects (e.g., projects over 20,000 square feet in gross floor area) be required to meet the new standards? How about major renovation projects?

# NEXT STEPS



Staff will incorporate PC feedback and use it to create new policies that will be presented as a draft for review, anticipated in January 2024.

