



General Plan Advisory Committee

Wednesday, August 10, 2022

Item 4.1

Environmental Sustainability

Presentation Outline

- » **Project Overview**
- » **Environmental Sustainability**
- » **Next Steps**
- » **GPAC Questions**
- » **Public Comments**
- » **GPAC Feedback**



Project Overview



General Plan Vision

In 2045, Livermore will be a community with a big heart where families and individuals flourish, and people with diverse experiences and perspectives work together for the common good. Insightful land-use policies and wise resource management will ensure services and infrastructure for a high quality of life and enable Livermore to be safe and welcoming for all.

General Plan Guiding Principles



Prosperity

Excellent city services and infrastructure support a thriving local economy with a wide spectrum of local jobs including those in science and technology, arts and trades, agriculture, and tourism.



Vibrancy

People enjoy a vibrant downtown, commercial districts, cultural venues, wineries and breweries, and parks throughout the city and surrounding areas to work, shop, dine, and have fun.



Mobility

A wide variety of convenient, comfortable zero- emission modes of transportation and interconnecting routes enable everyone to easily travel to meet their daily needs for work, errands, and play.



Sustainability

We live sustainably to preserve our vital resources, work to clean up our environment, protect open spaces and habitats, and integrate nature into the urban environment.



Resiliency

We prepare for emergencies and a changing climate, help those affected, and ensure the durability of our homes, businesses, and supporting infrastructure, while maintaining sufficient financial reserves.



Homes

Individuals and families of all types and income levels can find diverse housing choices close to jobs, exceptional schools, shopping, entertainment, and well-maintained parks.



Equity

Everyone can easily participate in civic life and have a voice in city decisions. We enable access to services and opportunities and provide for those who have been underserved so that everyone can be healthy and flourish.



Diversity

Neighbors feel connected to each other and their city, welcome and celebrate everyone, and respect differing viewpoints to foster a close-knit community where civic life and opportunity thrive.



Continuity

We honor our complex heritage, which began with the indigenous peoples, who were the original stewards of this land, and followed by the increasingly diverse community that is our future.



Arts

We foster a vibrant and thriving cultural arts community so that the arts, in all their beauty and variety, will enhance the lives of residents and visitors alike.

Land Use Alternatives Evaluation

» Alternatives evaluation will consider:

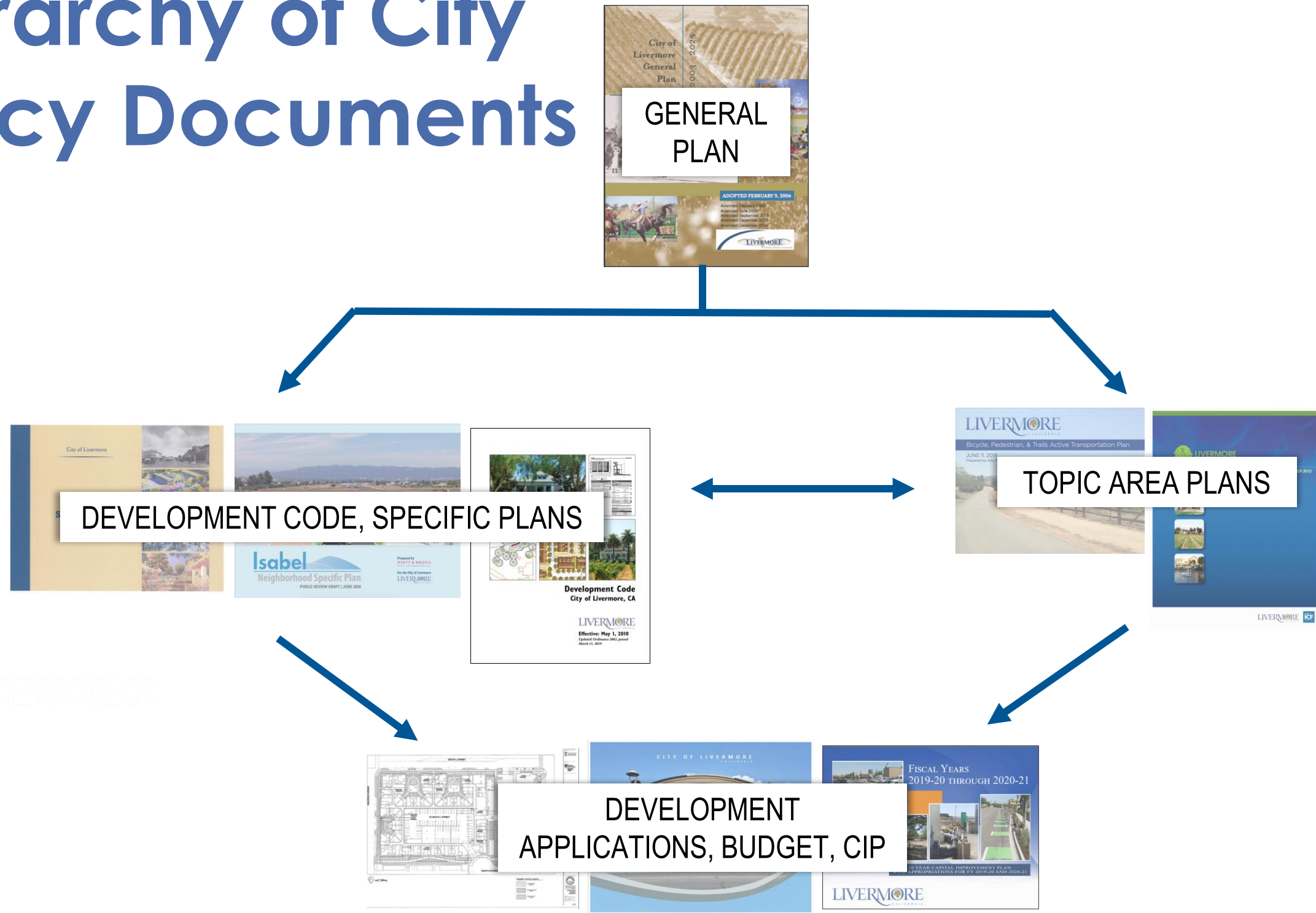
- Climate change and resilience
- Public safety from flooding and fires
- Equity
- Parks
- Housing supply
- Student generation and school capacity
- Infrastructure capacity
- Open space preservation and biological resources
- Historic resources
- Aesthetics and urban design
- Fiscal impacts
- Transportation impacts

» **No decisions on a preferred land use scenario will be made until evaluation is complete and shared with community**

General Plan Elements

- » **Land Use**
- » **Circulation**
- » **Housing**
- » **Open Space and Conservation**
- » **Noise**
- » **Public Safety**
- » **Environmental Justice**
- » **Community Character**
- » **Infrastructure and Public Services**
- » **Economic Development**
- » **Climate Change**

Hierarchy of City Policy Documents



PLACEWORKS

Environmental Sustainability

- » **Green Infrastructure Plan**
- » **Guidelines for the use of Recycled Water**
- » **Water Efficient Landscaping Ordinance**
- » **Stream Maintenance Program**
- » **Waste Reduction Plan**
- » **Agricultural and Open Space Preservation**
- » **Climate Change Element and Climate Action Plan**
- » **Tri-Valley Hazard Mitigation Plan**
- » **Livermore Bicycle, Pedestrian, and Trails Active Transportation Plan**

Green Infrastructure Plan

- » Guides development and tracking of green infrastructure projects
- » Sustainable systems that slow and clean stormwater runoff and dispersing it into vegetated areas.
- » Maps, prioritizes green infrastructure projects, and sets general design and functionality guidelines.



Recycled Water

- » **Use of treated wastewater for non-potable purposes**
 - Irrigation
 - Fire protection
- » **Livermore recycled water customers use a total of 2 million gallons of recycled water per day**
- » **Guidelines for the Use of Recycled Water manage recycled water use**



Water Efficient Landscaping Ordinance

- » **Establishes standards to create water efficient landscapes**
- » **Primarily applies to new or renovated landscapes over 2,500 square feet**
 - For single family homes, applies to new construction with landscapes over 5,000 square feet



PLANETWORKS

Stream Maintenance Program

- » Establishes framework to improve city's waterways
- » Maintains flood capacity while enhancing natural resources
- » Prioritizes maintenance projects annually



Waste Reduction Plan

- » Organic waste in landfills contributes to climate change.
- » Livermore Municipal Code Waste Management
- » Article XII. Reduction of Organic and Recyclable Materials Deposited in Landfills:
 - State organics recycling law
 - statewide organic waste disposal reduction targets
 - food recovery objectives
- » Collection Agreement with Livermore Sanitation



Agricultural and Open Space Preservation

- » **Transferrable Development Credit program**
- » **South Livermore Valley Specific Plan**



 PLACEWORKS

Climate Change Element and Climate Action Plan

- » **Climate Change Element policy direction**
- » **Climate Action Plan outlines strategies to reduce greenhouse gas from:**
 - Building energy
 - Transportation
 - Land Use
 - Water Conveyance
 - Wastewater treatment
 - Solid waste generation
- » **CAP Update will create a roadmap to achieve carbon neutrality by 2045**



Tri-Valley Hazard Mitigation Plan

» **Joint effort of Cities of Dublin, Livermore, Pleasanton and Dublin-San Ramon Services District to alleviate hazards and disasters:**

- Drought
- Earthquakes
- Floods
- Landslides
- Severe weather including extreme heat and severe storms
- Wildfire
- Climate change
- Public health emergencies
- Human-caused hazards

» **Hazard Mitigation Plan currently being updated, anticipated completion by spring 2023**



Active Transportation Plan

- » Comprehensive plan to improve pedestrian and bicycle facilities
- » Prioritizes future network improvements
- » Identifies potential funding sources

PLACEWORKS



Next Steps

- » **September 12, 2022 – City Council review draft land use alternatives**
- » **Next GPAC meeting will be in-person**
- » **Future GPAC meetings will continue to focus on key learnings to prepare for review of alternatives analysis**



GPAC Questions

Public Comments



Deleted Slides

Community Outreach Events To Date

» Outreach events

- 1 Workshop
- 17 Pop-ups
- 2 Online activities
- 1 Communitywide survey
- 3 Presentations to community groups
- 1 property owner meeting
- 9 GPAC meetings
- 2 Planning Commission meetings
- 3 City Council meetings

» **1,600 participants (September 9, 2021 to May 31, 2022)**



GPAC Clarifying Questions?
