

Office of Sustainability Update

City Manager's Office

Budget Engagement Commission

March 14, 2024

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- 2022-24 Budget
 - Non-personnel Program & Services \$200,000 (Measure Z)
 - Expenditures – designed to leverage dollars, compliance and support
 - \$20,000 - match for the Zero Emission Vehicle Transition Plan
 - \$25,000 – California Green Business Network certification program
 - \$2,500 – Electric composters at City buildings
 - \$5,000 – match for Heat Study
 - \$20,000 – match for Wildfire Mitigation Plan
 - TBD – grant match (Muni. Green Zone, Tree Inventory, Community Resilience Ctrs, etc.)
 - TBD – public workshops/engagement for City Climate Action Plan and regional CAP
 - Personnel \$180,000 (General Fund)
 - Full-time (under recruitment) (100% Gen. Fund)
 - Full-time (under recruitment) (25% Gen Fund with 25% to 3 Enterprise Funds)
 - Fellows match or resource support (CaliforniaForAll, Civic Spark through Civic Well)
 - City Manager's Office & Department "moonlighters"

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- Coalescing Partnerships, Collaborations and Support
 - Coordinate Strategic Plan goals and action items
 - Leverage Dollars through Grant Applications
 - Collaborate with home department (bandwidth)
 - Provide support to all
- Events, Education, and Participation
 - Earth month 2023, Arbor Day 4-27-2024,
 - Climate Resilience Summit 1-12-24, UCR Climate Action 1-22-24, Bourns STEM Academy, Innovative Sustainable Transportation Systems Forum 2-22-24, Cal Hydrogen Conference 11-23, Innovative Infrastructure Initiative Cohort 23-24;
- Coordination with External Stakeholders (Public, Private and Non-Profit)
 - Accelerator for America, USDN, ICLEI, Inland Southern California Climate, Plug in IE, Collaborative (ISC3), Bloomberg Foundation, Keep Riverside Clean & Beautiful
 - Other - California Green Business Council, Blue Zones, Sustainability Officers



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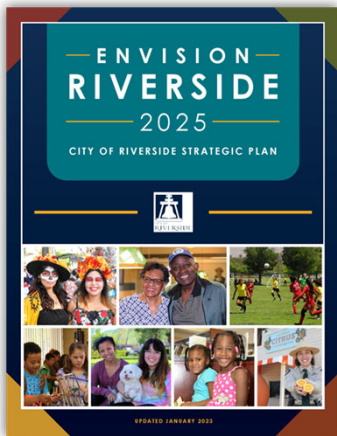
- Initiatives, Projects, Programs and Partnerships
 - City Climate Action Plan & Regional Climate Action Plan
 - Cityside Tree Inventory & Planting
 - Building Electrification Ordinance
 - Zero Emission Vehicle Plan, EV Infrastructure, Electrification & Energy Study
 - Organics Waste Diversion, Recycled Mulch, Recycled Paper
 - Put the Riverside Back in Riverside, Hole Lake Habitat Restoration
 - Riverside Habitat, Parks and Water Project, Seven Oaks Dam Recharge Project
 - Wildfire Mitigation Plan, Heat Study, Resilience Centers, Natural Hazard Mit. Plan
 - Complete Streets, Bike Master Plan and Active Transportation projects
 - Clean and Green Economy / Green Tech, Ag Tech, etc.
 - Grow Riverside, Northside Ag Innovation Center
 - Renewable Energy (Sunzia, Northside Ag Innovation Ctr, Anaerobic Digester)
 - Website, dashboards and metrics



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STRATEGIC PLAN ALIGNMENT



- Sustainability & Resiliency Cross Cutting Thread
- Environmental Stewardship Strategic Priority
- Water & Air Quality
- Quality Public Lands
- Local Food System Vitality
- Renewable Resources
- Usage and Waste Reduction
- Climate Resiliency & Carbon Footprint
- Greening Facilities, Fleet and Systems



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STRATEGIC PLAN ALIGNMENT



Sustainability and Resiliency



Environmental Stewardship

Champion proactive and equitable climate solutions based in science to ensure clean air, safe water, a vibrant natural world, and a resilient green new economy for current and future generations.



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Environmental Stewardship

Champion proactive and equitable climate solutions based in science to ensure clean air, safe water, a vibrant natural world, and a resilient green new economy for current and future generations.

INDICATORS

- Water Quality, Supply, Efficiency & Reliability
- Climate Resiliency, Carbon Footprint & Air Quality
- Usage, Condition & Quality of Public Lands
- Local Food System Vitality
- Environmental Justice
- Renewable Resource Usage & Waste Reduction

GOALS

4.1. Rapidly decrease Riverside's carbon footprint by acting urgently to reach a zero carbon electric grid with the goal of reaching 100% zero-carbon electricity production by 2040 while continuing to ensure safe, reliable and affordable energy for all residents.

4.2. Sustainably manage local water resources to maximize reliability and advance water reuse to ensure safe, reliable and affordable water to our community.

4.3. Implement local and support regional proactive policies and inclusive decision-making processes to deliver environmental justice and ensure that all residents breath healthy and clean air with the goal of having zero days of unhealthy air quality per the South Coast Air Quality District's Air Quality Index (AQI).

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GOALS

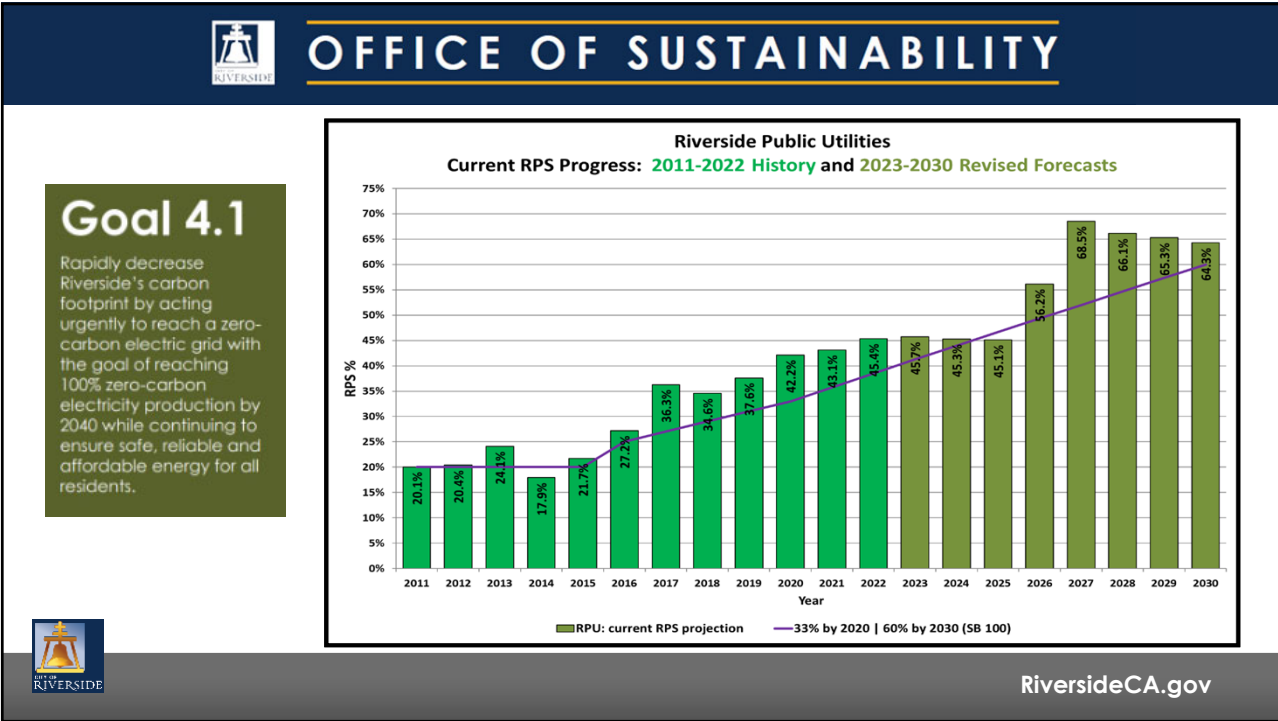
4.4. Implement measures and educate the community to responsibly manage goods, products and services throughout their life cycle to achieve waste reduction outcomes.

4.5. Maintain and conserve 30% of Riverside's natural lands in green space including, but not limited to, agricultural lands and urban forests in order to protect and restore Riverside's rich biodiversity and accelerate the natural removal of carbon, furthering our community's climate resilience.

4.6. Implement the requisite measures to achieve citywide carbon neutrality no later than 2040.

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Sustainability Challenges to Riverside Requiring Vital Solutions

Water Rights
1969 Legal Judgment is **vulnerable to future modification(s)**, dependent on drought conditions and water levels, that could pose a risk to extraction rights.

Climate Change
Shorter winters, reduced snowpack and longer drier summers.

2040 Potable & Recycled Water Demand
Projected to be **24% higher** than current water rights.

Groundwater Conditions
Natural basin recharge from rainfall is **22% below** historical annual average resulting in historically low groundwater levels.

City of Riverside Growth
Increase in **population** and associated water needs is **projected to be greater** than Riverside's available water supply sources **within 10 years**.

Goal 4.2

Sustainably manage local water resources to maximize reliability and advance water reuse to ensure safe, reliable and affordable water to our community.

Water Quality Regulation Challenges
Constantly changing regulations and emerging unregulated chemicals require the **need for water supply** redundancy and the likelihood of **additional treatment facilities**.

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- Water Supply – Seven Oaks Dam Recharge (26 billion gallons of water captured annually), Recycled Water, Habitat Parks and Water Project
- Water Treatment (400 acre restoration to mitigate \$1 Billion infrastructure)
- Well Projects - 14 wells rehabs, 5 new drinking wells, 2 new irrigation wells
- Transmission Pipelines – 2.3 miles of Techite replaced
- Distribution Pipelines – 4.9 – 11.2 miles of neighborhood pipeline replaced
- Distribution Facilities – Mission Inn & Canyon Crest boosters & Magnolia pressure reducing station constructed; rep. 10K sm. & 155 lg. meters replace
- Reservoir Projects - Rehab of water storage reservoirs to secure/protect
- System Automation – data mgt. system to improve control and efficiency

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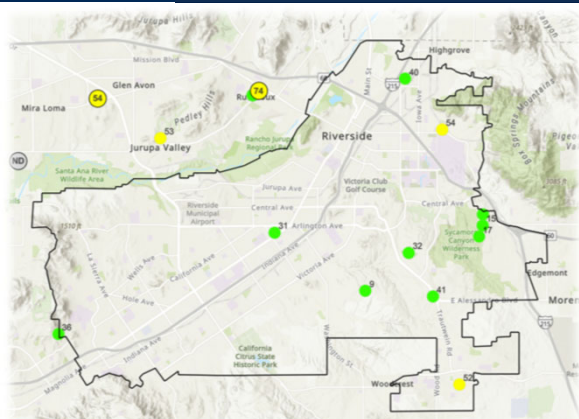
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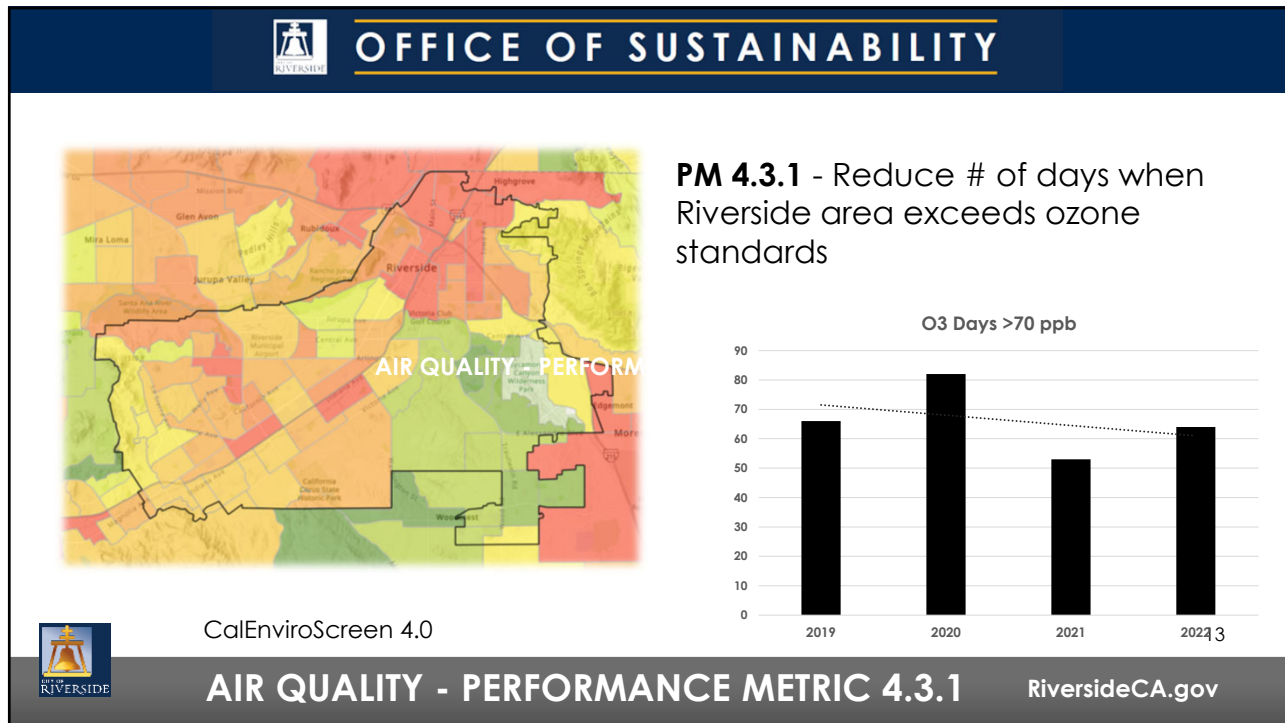
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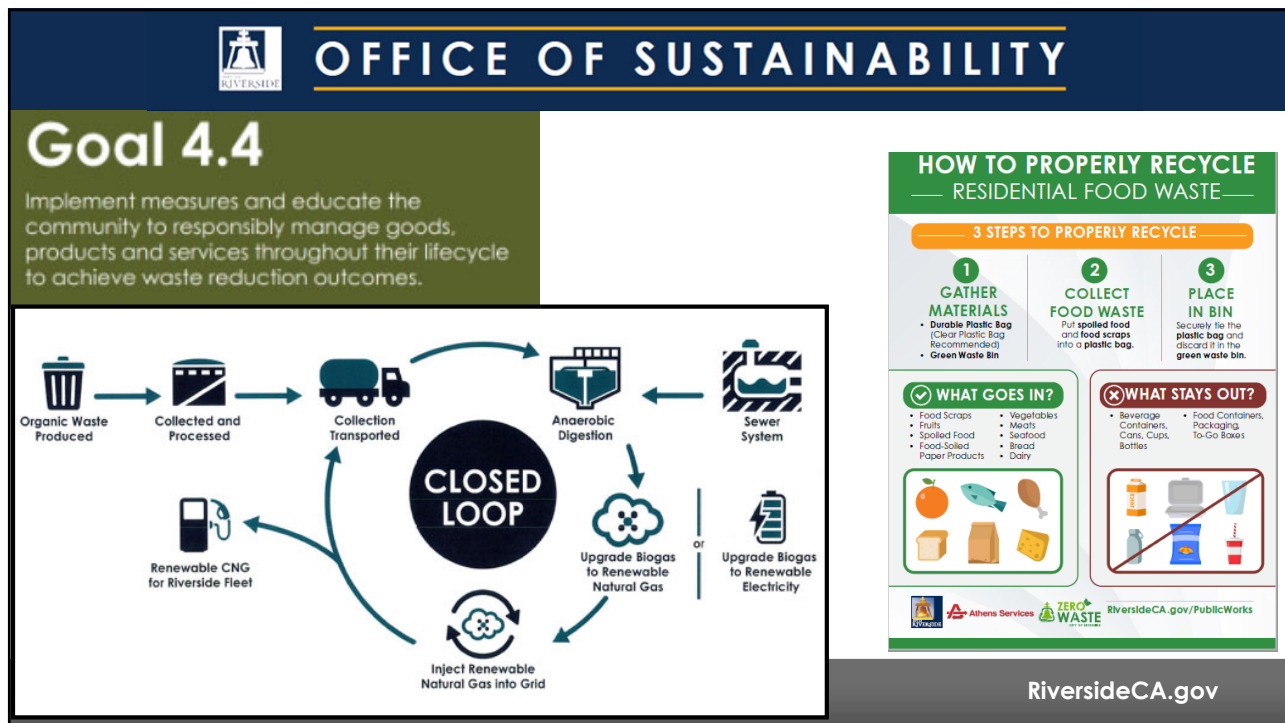
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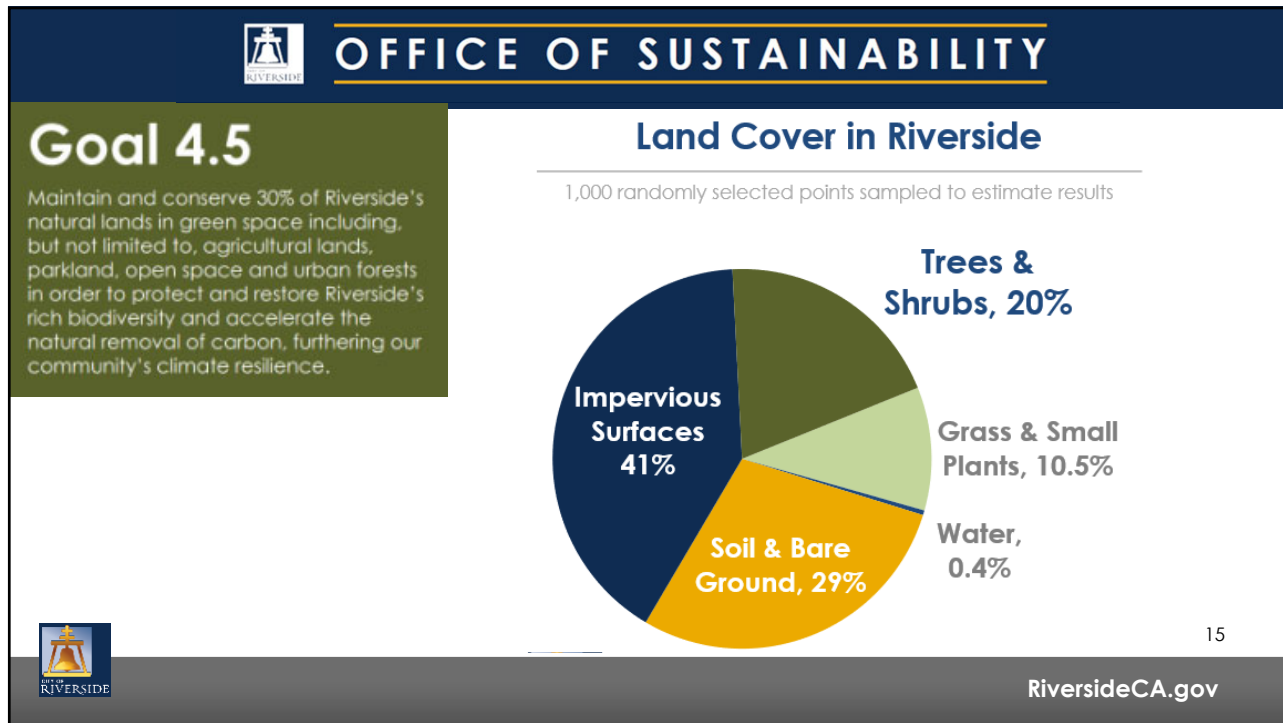
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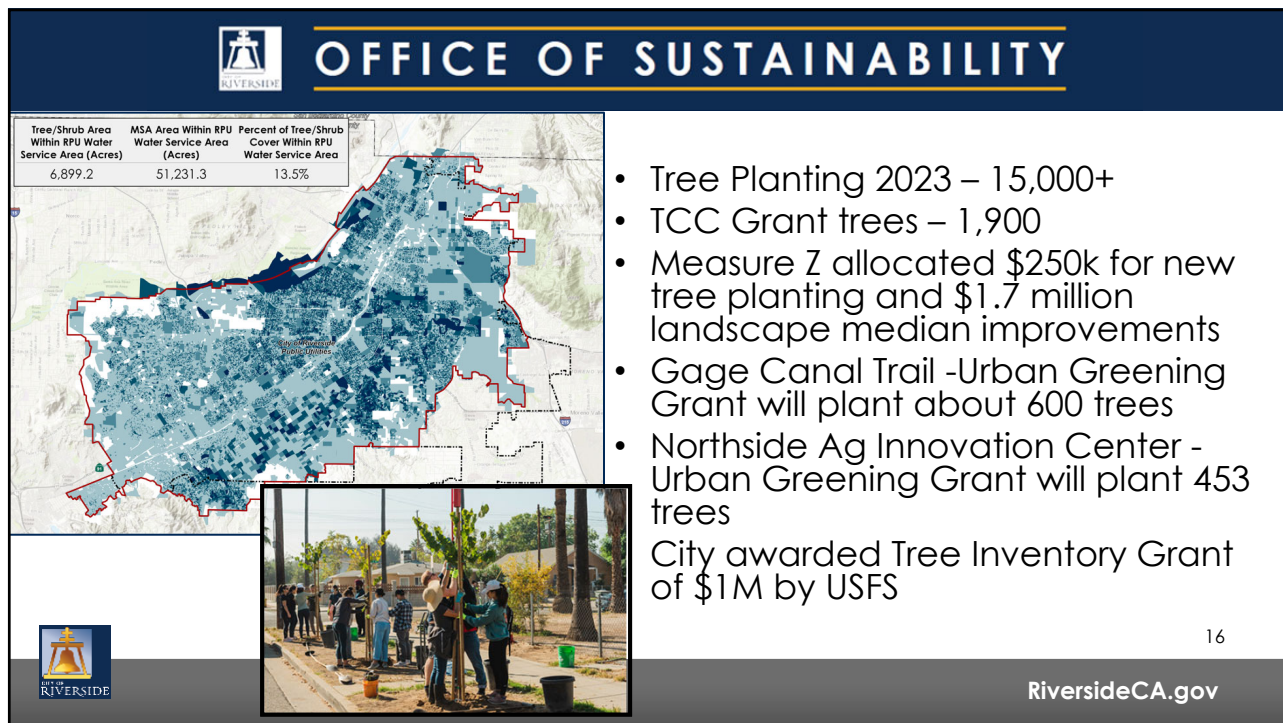
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Goal 4.6

Implement the requisite measures to achieve citywide carbon neutrality no later than 2040.

Climate Action Plan (City and Region)

Zero Emission Vehicle Transition and Implementation Plan

Citywide Tree Inventory, Tree Planting

Building Electrification Ordinance

Organic Waste Diversion & Anerobic Digester Conversion


Habitat Conservation Plan

Complete Streets & Bike Master Plan

Local Food Systems & Northside Agricultural Innovation Center


Renewable Energy, Integrated Resources Plan

Grants (DOE Energy Efficiency Block Grant, TCC, CARB Green Municipal Green Zone, EPA Pollution Reduction Grant, etc.)



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Cross-Cutting Thread	Community Trust	Equity	Fiscal Responsibility	Innovation	Sustainability and Resiliency
Core Courses	Mastering Emotional Intelligence	Building a Diverse and Inclusive Culture	Embracing Continuous Improvement	Embracing Continuous Improvement	Thriving with Resilience and GRIT
	Everything Starts with Trust	Navigating Personality Styles at Work	Learning to Think Outside the Box	Collaboration Unleashed	Learning to Think Outside the Box
	The Art of Effective Communication	Confidently Manage Conflict	The Art of Effective Communication	Thriving with Resilience and GRIT	Building a Diverse and Inclusive Culture
	Collaboration Unleashed	Everything Starts with Trust	Polishing Your Presentation & Writing Skills	Learning to Think Outside the Box	Polishing Your Presentation & Writing Skills
Envision Riverside 2025	A "crash course" introducing and aligning employees to the City of Riverside's Cross Cutting Threads, Strategic Plan and Strategic Priorities, Priority Based Budgeting, Triple Bottom Line, and Diversity, Equity & Inclusion with the purpose of building awareness and understanding how they can contribute to achieving these goals.				
Specialty Courses	In partnership with City Subject Matter Experts, custom designed specialty courses introducing participants to each of the cross-cutting threads with the purpose of building awareness and understanding how they can contribute to achieving these goals.				
	Community Trust	Equity	Fiscal Responsibility	Innovation	Sustainability and Resiliency

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RECOMMENDATIONS

That the Budget Engagement Commission receive and file the Office of Sustainability Update.



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