

ECO- SUSTAINABILITY OFFICE UPDATES

Greening Schools & Climate Resilience Committee Meeting

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Chief Eco-Sustainability Officer

October 29, 2025



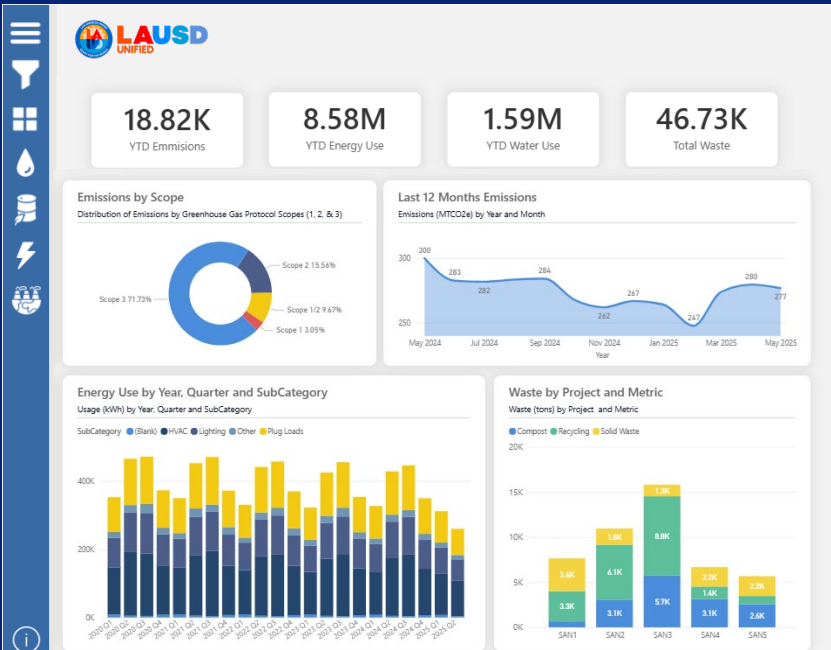
Dr. Lawrence H. Moore Math, Science, & Technology Academy Middle School, solar car ports and greening

Agenda

- Solar Program
- Third Party Greening Partnering Updates
- Eco-Sustainability Plan



Stoner ES



Diego Rivera Learning Complex Solar Car Ports

Solar Program Updates

- Roadmap
- Investment Tax Credits
- Timeline

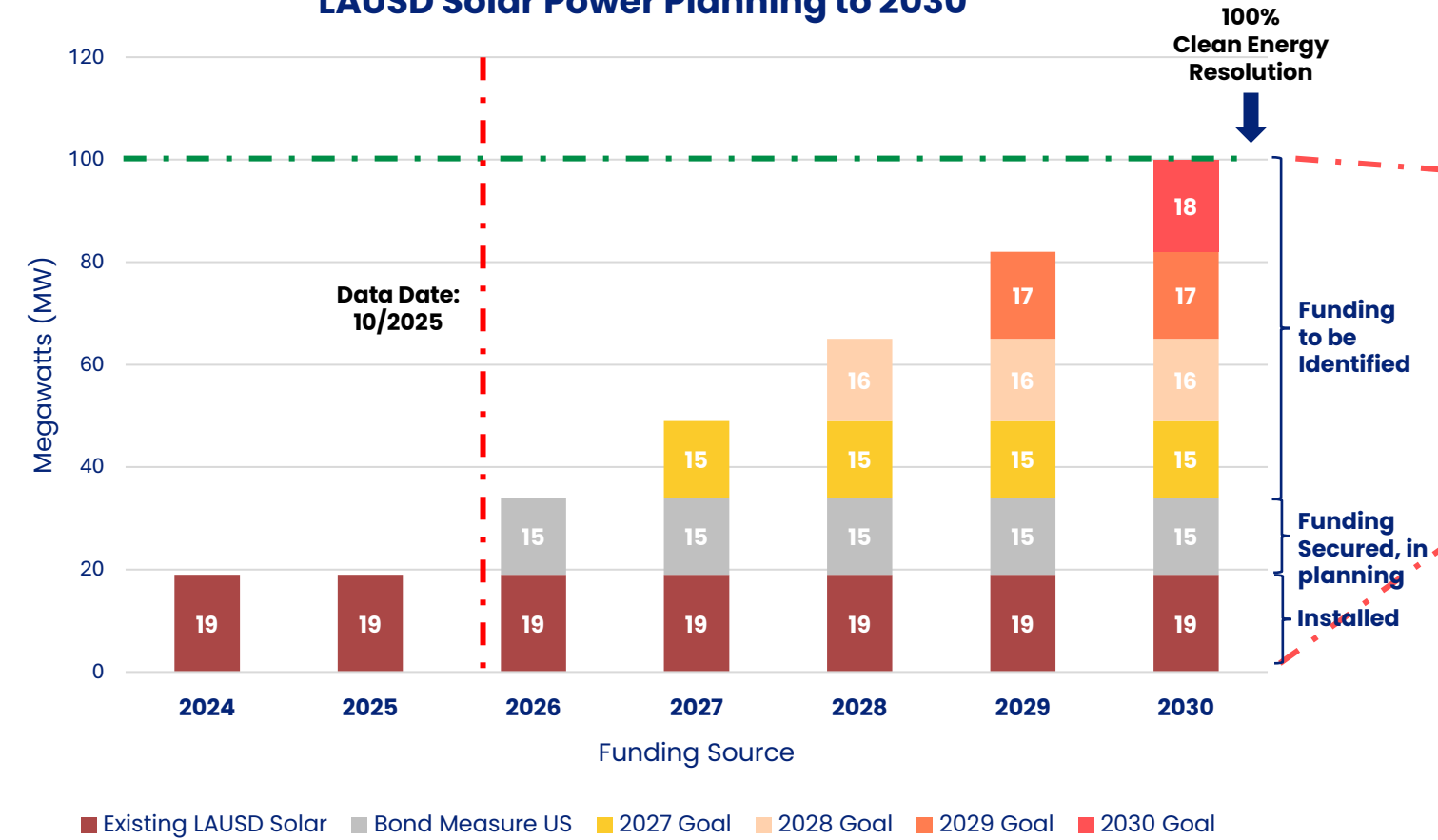


Pico Warehouse Roof Solar Photovoltaics

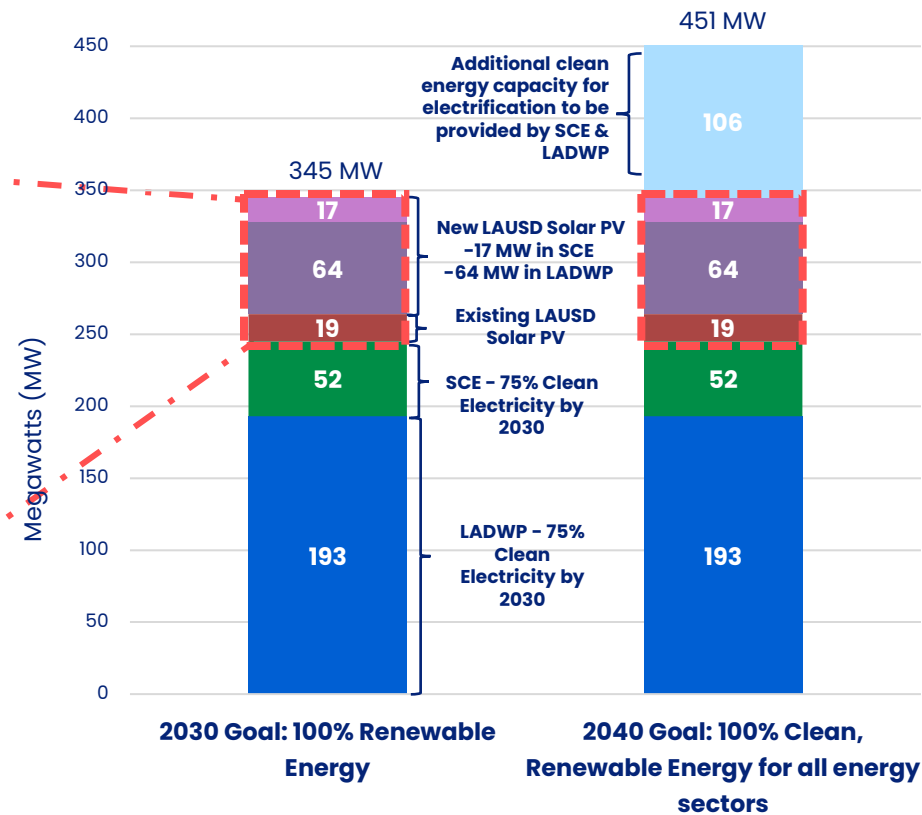


Solar Program

LAUSD Solar Power Planning to 2030



LADWP 2035 Goal & LAUSD 2040 Clean Electricity Goal





Investment Tax Credit

Solar PV Program – 21 Sites
Total Contract Costs

Design Costs	\$6,687,852	
Electric Vehicle Charger Costs	\$4,016,861	
(Eligible) Solar PV Costs	\$82,659,963	
	\$93,364,676	
		\$33,063,985 Estimated Tax Credits

Goal: Capture available clean energy Tax Credits
Complete all projects by December 31, 2027 – submit Tax return by April 2028



Solar Program



Lawson Academy Solar Carport



Maywood Academy High School Solar Carport

PROGRAM TIMELINE

April 2025

- All 21 solar projects contracts executed.

October 2025

- All 21 solar projects – Issue Notice to Proceed for Design.

- All 21 solar projects – Issue Construction Directive to purchase 75% of materials to establish Beginning of Construction by 12/31/25 under 5% Safe Harbor

Continuous Construction or Efforts Required

April 2027

- For solar projects completed in 2026, submit tax return for clean energy tax credits

December 2027

- All solar projects completed and energized

April 2028

- For solar projects completed in 2027, submit tax return for clean energy tax credits

ITC CRITICAL DATES

July 4, 2025

- Passing of the One Big Beautiful Bill Act (OBBBA) – Includes revisions to eligibility timelines for solar PV and battery storage projects tax credits under section 48E

September 2, 2025

- 5% Safe Harbor available for solar PV systems less than 1.5 MW to establish Beginning of Construction

December 31, 2025

- Deadline to use 5% Safe Harbor to establish Beginning of Construction and avoid Foreign Entity of Concern (FEOC) materials assistance restrictions

January 1, 2026

- Solar PV and battery storage materials purchased after 12/31/25, must comply with all FEOC requirements to remain eligible for clean energy tax credits under section 48E

July 4, 2026

- Work beginning before 7/4/26 will have four (4) years to energize the system to be eligible for tax credits
- Work beginning after 7/4/26 will have to energize the system by 12/31/27 to be eligible for tax credits

Third Party Greening Partnering Updates

- LAUSD Commitment to Partnerships
- Project Streamlining
- Lead Paint Protocols
- Funding to Offset LAUSD Fees



O'Melveny ES- Ribbon Cutting Ceremony



Streamlining Project Supervision



Hamasaki Elementary School landscaping bed is prepared for shrub installation

Updated approach for review and oversight of third-party greening projects

- To help grantees navigate LAUSD's processes and requirements, ESO will serve as the single point of contact for the partners throughout the entire project
- A 'Tiger Team' dedicated to third party greening projects will provide rapid resolution of design, testing, construction, and inspection issues that may arise. The team of technical staff from FSD and OEHS will provide consistent guidance for grantees, with coordination by ESO
- ESO will monitor District charges for specific tasks to identify opportunities for reducing project costs



Lead Paint Protocols

Key Clarifications & Changes

- I. Are we required to abate painted lines before removing the asphalt?

No

- II. Why do we need to follow lead safety protocols?

Student safety, regulatory compliance, protection of the environment

- III. Can waste characterization testing take the place of lead content testing?

No. Determining lead content for health protections is totally separate from determining lead content for waste disposal.

- IV. Can we just have the painted lines sampled before the project begins to see if there is any lead in the first place?

Yes

- **Inductively Coupled Plasma – Optical Emission Spectrometry (ICP-OES) analysis**
- **Sampled by qualified District or Contractor personnel**
- **If results are below reporting limit, no lead safety or disposal requirements are required**



**Kids
Learn
Better
Lead-Free**



Funding to Offset LAUSD Fees

- LAUSD will contribute \$3 Million from the General Fund for immediate use to support current third-party greening projects:
 - Funds will be allocated proportionately based on grant amounts
 - We will provide corresponding credits or reimbursements to help grantees offset costs
- ESO will provide a transparent cost breakdown for District charges



Glenfeliz Boulevard Elementary School SEEDS garden



Funding Allocation

- I. **44 Third Party Greening Projects with a Grant amount total of \$58.1M**
- II. **Proposed Allocation at 5% of Total Grant Award Amount**
- III. **Project Fees by Phase:**
 1. **PLANNING/DESIGN**
 - FETU Testing
 - CEQA & Site Assessment Oversight
 - Design Review
 2. **CONSTRUCTION**
 - FETU Phase 3 (if applicable)
 - OAR/M&O Support
 - A&E Services Construction Admin Support
 - Inspection
- IV. **ESO will be meeting with the greening partners individually to discuss project specific circumstances**



Elysian Heights Elementary School Edible Garden

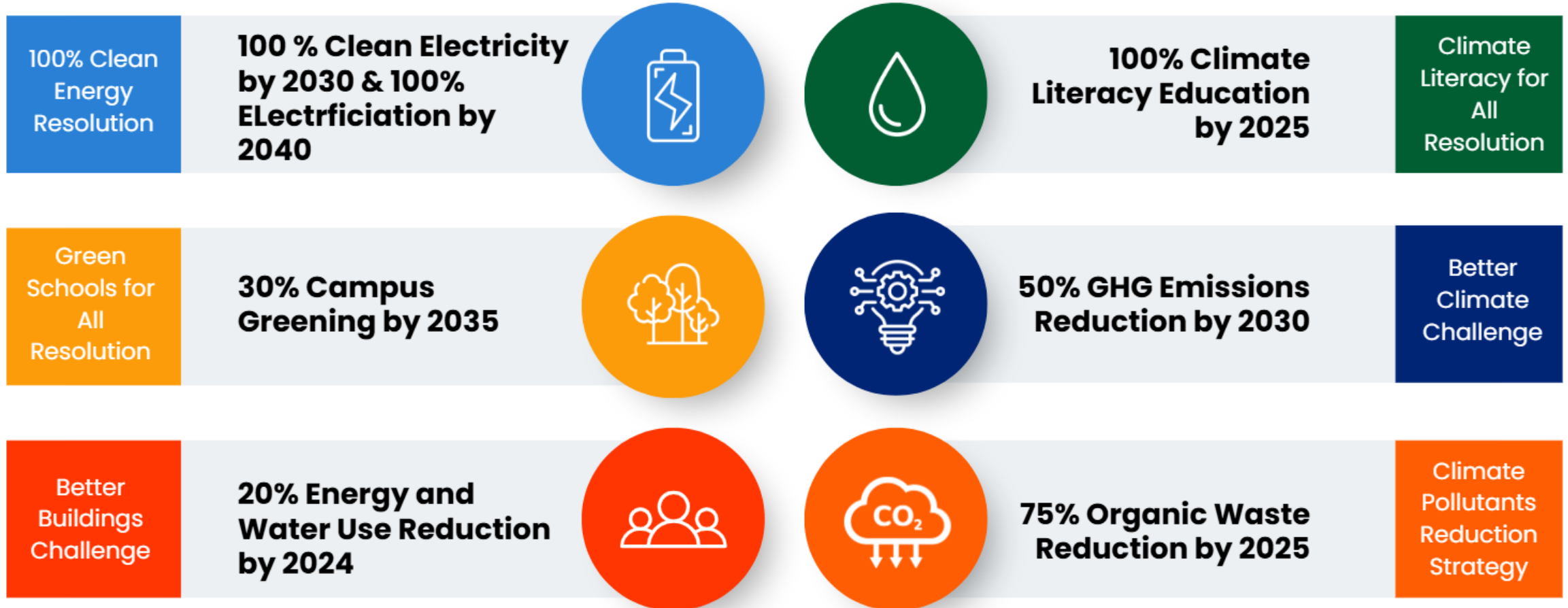
Eco-Sustainability Plan Overview

- LAUSD's Existing Goals
- Plan Objectives
- Planning Process
- Eco-Sustainability Sectors
- Stakeholder Engagement
- Climate Literacy Framework
- Deliverables





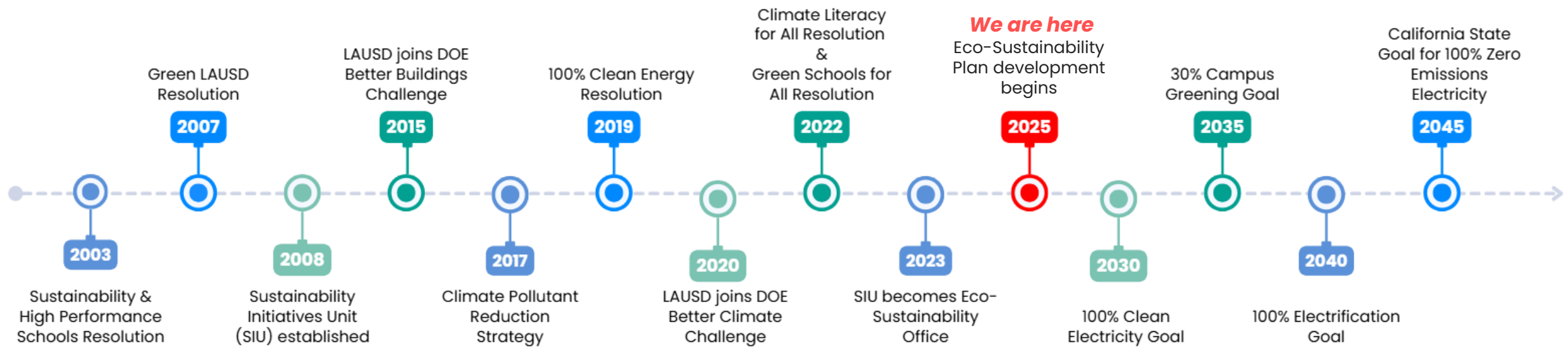
LAUSD's EXISITNG GOALS





Plan Objectives

- Build on LAUSD's existing efforts, advance existing policies
- Develop a Plan to achieve existing goals and commitments
- Develop specific Roadmaps to guide implementation



Planning Process



- Data Collection & Benchmarking
- Establish Baseline
- Identify Climate Risks
- Initial Measures List

- Vision
- Goals & Strategies
- Align to Board Resolutions

- ROM Budget Estimate
- Prioritization
- Timeline
- Sector Plans & Implementation Programs
- Define Pilot Programs

- Recommend Policy Updates
- Job Impact Assessment
- Climate Literacy Framework
- Measurement & Reporting

- Plan Outline
- Development of Plan Documents
- Design / Layout
- **Stakeholder / Greening Schools Committee Review**

- Final Comments
- Presentation to Education Board
- Final Implementation Roadmap

Ongoing Stakeholder Engagement

Sectors of the Eco-Sustainability Plan



Climate Resilience



GHG Emissions



Decarbonization



Renewable Energy



Air Quality



Energy Conservation



Stormwater/Wastewater



Waste Management



Circular Economy



Clean Transportation



Healthy Food



Habitat Restoration



Education



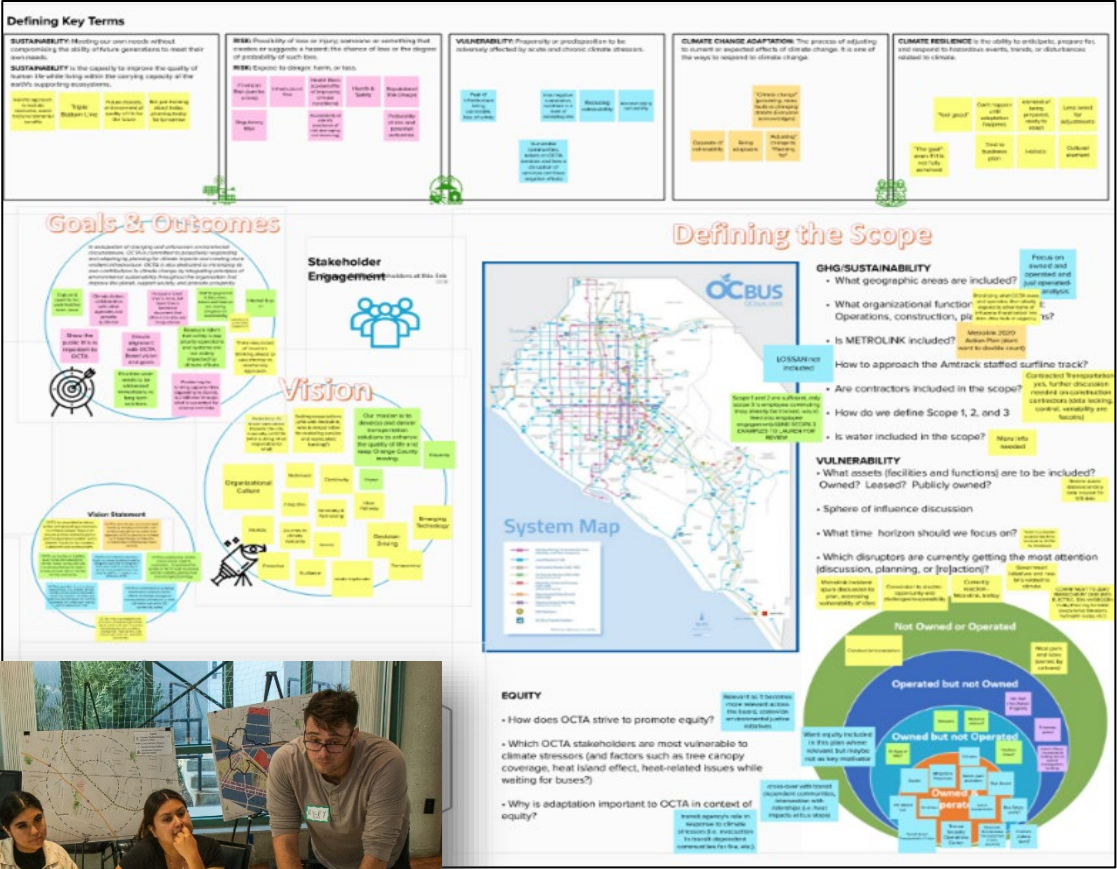
Social Equity & Inclusion

Stakeholder Engagement Overview



Engagement Methods

- Digital surveys
- Social media content and websites
- Newsletters
- Town hall meetings
- Large format interactive workshops
- Small group interactive meetings
- Working groups
- Interviews





Climate Literacy Framework

The Eco-Sustainability Plan supports LAUSD's core mission of providing education.

- Align program recommendations to current level of confidence in the topic
- Utilize the Eco-Sustainability Plan process as a learning tool
- Expert industry partners: 10 Strands & USGBC-CA



Sustainability
Fundamentals
Workshop



Resources
for Teachers



Teacher
Surveys



Online Learning
Tools



USGBC-CA
Memberships

Deliverables Overview

Eco-Sustainability Plan



Expands existing goals for full coverage of all sustainability sectors

Project- Specific Roadmaps



Lay out guidance for **how** goals will be achieved, including project-specific costs, timelines and equity co-benefits

Dashboard & Performance Monitoring



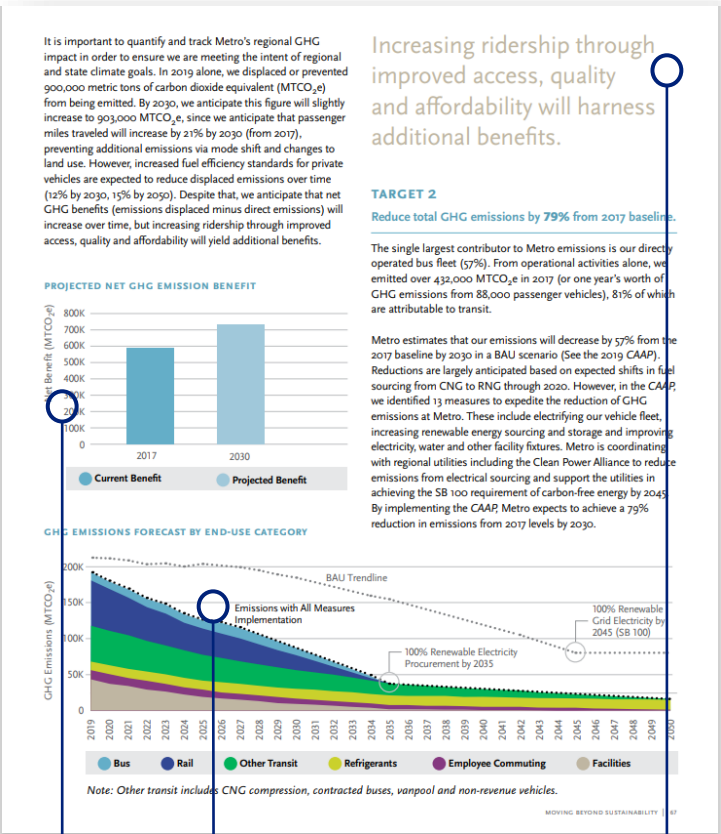
Sets up data management framework for communication of progress and continuous monitoring



Plan Contents & Design

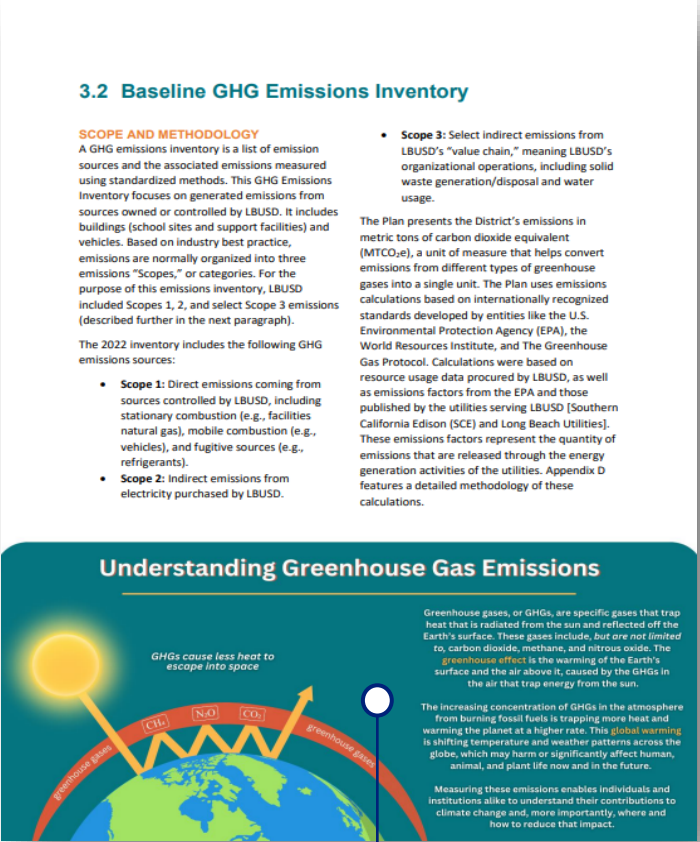
Table of Contents

- I. Message from Our Superintendent
- II. Section 1 – Executive Summary
- III. Section 2 – Introduction & Background
- IV. Section 3 – Greenhouse Gas Emissions Assessment
- V. Section 4 – Eco-Sustainability Sectors & Goals
 - Energy
 - Water
 - Waste
 - Resilience
 - Equity
- VI. Section 5 – Roadmaps & Implementation Strategies
- VII. Section 6 – Measurement, Monitoring, & Reporting
- VIII. Section 7 – Next Steps
- IX. Section 8 – Technical Appendix



Charts and graphs to convey data and analysis

Callouts to highlight key information



Infographics to translate complex concepts



Framework Sectors for Roadmaps

CLEAN ENERGY

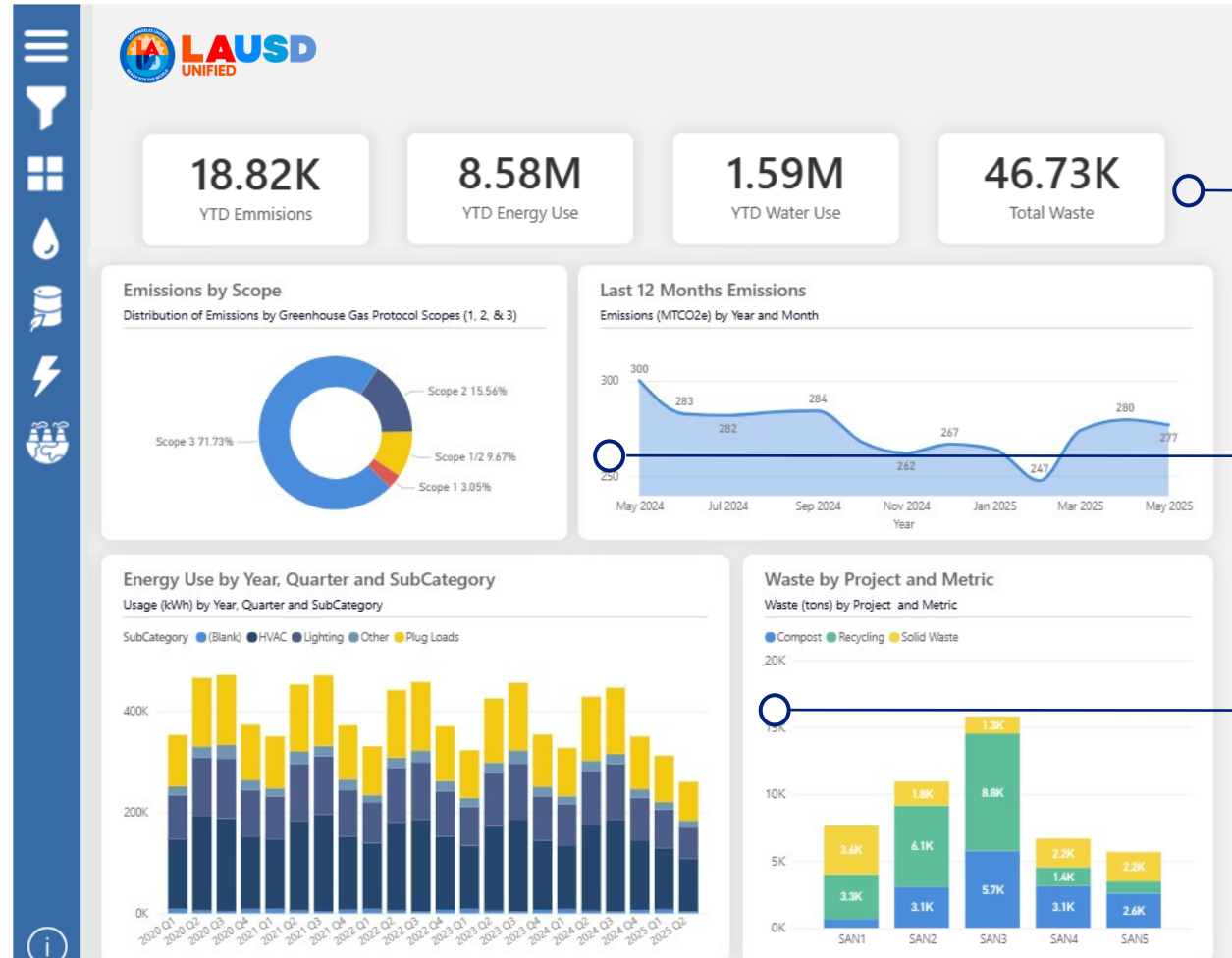
Goals	Objectives	Year-by-Year Actions	Funding Needs	Reporting and Data
2028 LACI Going for Gold (LA28)	1 Establish roadmaps to achieve 2030 and 2040 goals	2026 Action 1	2026 \$	2026 Publish sustainability progress metrics + 2030 Gap Analysis
	2 Electrify the yellow fleet	2027 Action 2,3,4	2027 (can this accelerate) \$	2027 Energy and renewable project investigation and scoping PH1
2030 100% Clean Energy 50% Emissions Reduction	3 Expand photovoltaic electricity generation	2028 Action 5	2028 \$	
	4 Implement clean power agreements with utilities where feasible	2029 Action 6, 7	2029 \$	
	5 Strengthen high performance schools guidelines for new construction	2030 Action 8, 9, 10, 11	2030 \$	
	6 Implement energy conservation measures to reduce energy use and greenhouse gas emissions at existing facilities	2031 Action 12	2031 \$	2029 Integrate Eco-sustainability data to IT Cloud platform
	7 Electrify building operations including all HVAC equipment	2032 Action 13	2032 \$	
	8 Electrify the white fleet	2033 Action 14, 15, 16	2033 \$	2031 Publish 2030 Clean Energy Achievement Report
2040 100% Electrification	9 Electrify the food service facilities and equipment	2034 Action 17, 18, 19, 20	2034 \$	2031 Energy and renewable project investigation and scoping PH2 + 2035 Gap Analysis/Strategy
		2035 Action 21	2035 \$	
		2036 Action 22, 23, 24	2036 \$	2036 2040 Gap Analysis/Strategy
		2037 Action 25, 26, 27, 28	2037 \$	
		2038 Action 29, 30	2038 \$	
		2039 Action 31, 32, 33	2039 \$	
		2040 Action 34	2040 \$	2041 Publish 2040 Electrification Achievement Report

- Integrated roadmaps create alignment between overarching goals, specific **year-by-year actions** and funding needs
- Critical path dependencies identify risks to long-term goals and provide opportunities for mitigation strategies



Sample Dashboard

- Will be supported by a robust **data management** infrastructure
- Will serve to **monitor progress** and communicate success
- Will be **tailored to LAUSD's audiences** (both internal and external)
- Will serve as an educational tool student-facing dashboard for use in classroom



Tracks KPIs and progress against goals

Shares data related to GHG emissions

Provides additional detail on sector data (waste, water, energy etc.)



Thank You



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lausd.org/eso

