

**BOARD OF EDUCATION OF THE CITY OF LOS ANGELES
GOVERNING BOARD OF THE LOS ANGELES UNIFIED SCHOOL DISTRICT**

GREENING SCHOOLS & CLIMATE RESILIENCE COMMITTEE
333 South Beaudry Avenue, Board Room Los Angeles, CA 90017
10:00 a.m., Wednesday, June 5, 2024

Committee Members

Dr. Rocío Rivas, Chairperson
Ms. Jackie Goldberg, Board Member

District Members

Krisztina Tokes
Chief Facilities Executive
Christos Chrysiliou
Chief Eco-Sustainability Officer
Jay Golida
Office of the General Counsel

Board Secretariat Contact

Ebony Wilson
Tel: (213) 241-7002
Email: ebony.wilson@lausd.net

External Representatives

Aleigh Lewis, Angelenos For Green Schools
Alma Castrejon, Los Angeles Alliance for a
New Economy (LAANE)
Bevin Ashenmiller, Occidental College
Claire Latane, Cal Poly Pomona
Hector Huezo, Jobs to Move America (JMA) /
Katie Theel, DSA, Green New Deal for Public Schools
Los Angeles County Electric Truck & Bus Coalition
Lucy Garcia, Climate Reality Project Los Angeles
Mikaela Randolph, Heal the Bay
Nico Gardner Serna, Sunrise Movement LA
Tori Kjer, Los Angeles Neighborhood Land Trust

Method for Accessing the Meeting and Providing Public Comment

There are three ways members of the public may access this Committee Meeting: (1) online ([Granicus stream](#) or join the [zoom webinar](#)), (2) by telephone by calling 1-888-475-4499 (Toll Free) and entering the Meeting ID: **815 1855 9131**, or (3) in person.

The Board of Education encourages public comment on the items on this agenda and all other items related to the District. Any individual wishing to address the Board must register to speak using the Speaker Sign Up website: <https://boardmeeting.lausd.net/speakers>, and indicate whether comments will be provided over the phone or in person. Registration will open 24 hours before the meeting. **15** speakers may sign up for general Public Comment, and each speaker will have **two** minutes to present. Each speaker will be allowed a single opportunity to provide comments to the Committee.

Speakers who do not register online to provide comments may use the following alternative methods to provide comments to Board Members:

- Email all Board Members at boardmembers@lausd.net;
- Mail comments via US Mail to 333 S. Beaudry Ave., Los Angeles, CA 90017; and
- Leave a voicemail message at (213) 443-4472, or fax (213) 241-8953. Communications received by 5 p.m. the day before the meeting will be distributed to all Board Members.

Speakers registered to provide public comments over the phone need to follow these instructions:

1. Call 1-888-475-4499 (Toll Free) and enter Meeting ID: **815 1855 9131** at the beginning of the meeting.
2. Press #, and then # again when prompted for the Participant ID.
3. Remain on hold until it is your turn to speak.
4. Call in from the same phone number entered on the Speaker Sign Up website. If you call in from a private or blocked phone number, we will be unable to identify you.
5. When you receive the signal that your phone has been removed from hold and/or unmuted, please press *6 (Star 6) to be brought into the meeting.

The Office of the Inspector General would like to remind you that they investigate the misuse of LAUSD funds and resources as well as retaliation for reporting any misconduct. Anyone can make a report via the OIG hotline on their website (<https://www.lausd.org/oig>), by telephone at 213-241-7778, or by emailing inspector.general@lausd.net. Reports are confidential, and you can remain anonymous if you wish.

Please contact the Board Secretariat at 213-241-7002 if you have any questions.

AGENDA

- I. Welcome** Dr. Rocío Rivas
Chairperson
- II. Public Comment**
- III. Board District 3 Student Advisory Council Presentation: Enhancing School Environments Through Greening Initiatives** Mia Arroyo
Hailee Yancey
- IV. Presentations**
- a. Eco-Sustainability Office Updates Christos Chrysiliou
Chief Eco-Sustainability Officer
- b. Green Committee Funding Working Group Updates Dr. Rocío Rivas
Chairperson
- c. Green Committee Equity Working Group Updates Mikaela Randolph
Green Schoolyards America
- V. 2023-2024 HEROS for Zero Awards Ceremony** Christos Chrysiliou
Chief Eco-Sustainability Officer
- VI. Adjournment**

Requests for disability related modifications or accommodations shall be made 24 hours prior to the meeting to the Board Secretariat by calling (213) 241-7002.

Materials related to an item on this agenda distributed to the Board of Education are available for public inspection at the Security Desk on the first floor of the Administrative Headquarters, and at:
<https://www.lausd.org/boe#calendar73805/20240630/event/71499>

Enhancing Education with Indoor Plants in LAUSD Schools

Mia Arroyo, Hailee Yancey
Valley Academy of Arts
and Sciences



How much greenery does vAAS have?



vAAS has some greenery
and has the capacity for
more!

Gardens, trees, grass areas



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Los Angeles Unified Accelerates Effort to Bring Green Space to All Schools (09-27-22)

CONTACT: Megan VandenBos, 213-241-6388

FOR IMMEDIATE RELEASE

September 27, 2022

Los Angeles Unified Accelerates Effort to Bring Green Space to All Schools

Resolution sets a minimum threshold of 30% green space for playgrounds by 2035

LOS ANGELES, September 27, 2022 – As Los Angeles confronts another heat wave, the Los Angeles Board of Education unanimously voted today to accelerate and greatly expand efforts to bring green space to all its campuses. The resolution, authored by Board President Kelly Gonez, establishes a minimum standard of 30% green space for all campuses and directs the Superintendent to develop a plan to meet the standard district-wide by 2035, prioritizing schools with the most asphalt for immediate action.

“As we confront climate change, our students are more in need of shaded green spaces than ever before,” said Board President Gonez. “For decades our school district has built playgrounds almost entirely of asphalt with no shade cover, which only exacerbates extreme heat. Today, we are committing to transforming our campuses by bringing tree canopies, plants, and outdoor learning spaces for all our students to learn and play. By establishing a clear goal and timeline to make our campuses greener, we are invigorating new urgency, accountability, and energy to this cause to ensure every school offers the shade and greenery that our kids deserve.”

Research shows that green spaces on or around a school campus help improve student well-being, physical and mental health, as well as academic performance. Yet, despite Los Angeles Unified’s efforts to bring more green space to campuses, only 16% of our District campuses currently meet the recommendation that 30% of a school campus be dedicated to green space. The resolution also calls for identifying bond, general fund, and grant dollars to fund the green space expansion by the deadline of 2035.

Goal: By 2035, at least 30%
green space for all LAUSD
campuses!

Purpose: Improve student well-being, physical and mental health, and academic performance

- Improves mathematics and reading scores
- Reduce educational and environmental inequalities
- Improve physical and mental health
- Calming and conducive atmosphere
- Stress reduction
- Environmental education
- Community engagement
- Ecological impact

Benefits



What does AGU (American Geophysical Union) and Yale University have to say about greening + education?

Our Timeline

Ideas we had for our greening project



Greenhouse

Vertical
Greening

Indoor
Greening



Assigned
Garden Areas

Our Options



what we would do

Greenhouse

Create a greenhouse
for each school to
promote greening

Vertical Greening

Greening on empty
walls (I.E. vines, wall
hanging pots)

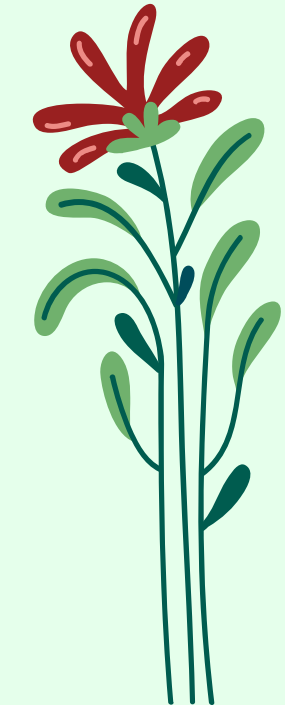
Garden Space

Designated garden
spaces to each
advisory

LOW COST!

OUR TOP DECISION

Indoor (classroom) Greening



Providing a small plant
to each classroom



Giving instructions on
the caretaking



Assign caretakers and
give responsibilities

Our objective

- **Based on LAUSD's green space initiative**

TO HELP REACH THE 30% OF GREEN
SPACE IN LAUSD SCHOOLS, THROUGH
INDOOR GREENING



Data components & Limitations

1. Audience - Students
2. Potential Factors - Location, design, resources, availability
3. Budget - Cost of implementation + how much is going to be willingly spent.
4. Impact of our campaign - Benefits? And will it actually change societal behaviors?

Why Indoor Greening is Beneficial

Easy to manage

Low maintenance plants for students

01

02

Inexpensive

Compared to our other options, this would cost the least

03

04

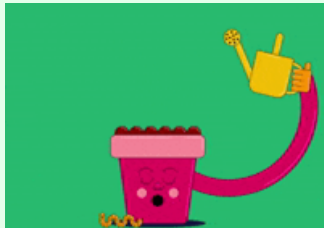


Accessible

A doable project that wouldn't be too costly

Long Lasting

If the plants are treated well, they can thrive for a long time



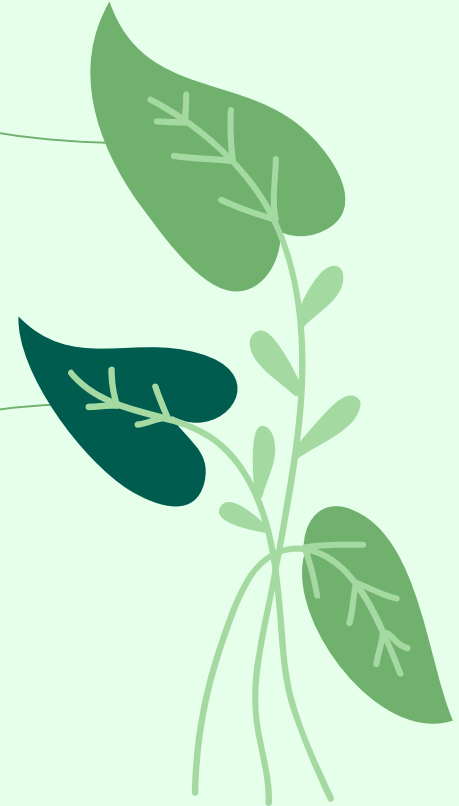
How We Would Execute It

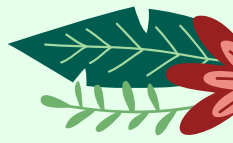
Research plants

Low maintenance, inexpensive, fast growing, fundings

Assign classroom plants

Assign plants to each classroom and students would be caretakers





Educational Aspect

Curriculum Integration

- Lesson plans
- Plant care activities
- Biology and environmental science to learn about climate change
- Botany, Gardening, and Horticulture classes to teach how to classify and care for plants
- Math classes to calculate plant growth

Student Involvement

- Learning about care requirements
- Vote on classroom caretakers and rotate on monthly basis
- Encourage participation through community service hours
- Establishing plant clubs
- If there is already clubs based on plants, then encourage them to expand and grow while utilizing the classroom plants

Our Set Goals

1. At least 1 potted plant per classroom
2. Low-maintenance and possible native plants
3. School and community engagement with plants



Example of Plants we can use



calathea

\$15-45



corn Plant

\$50-70



Dieffenbachia

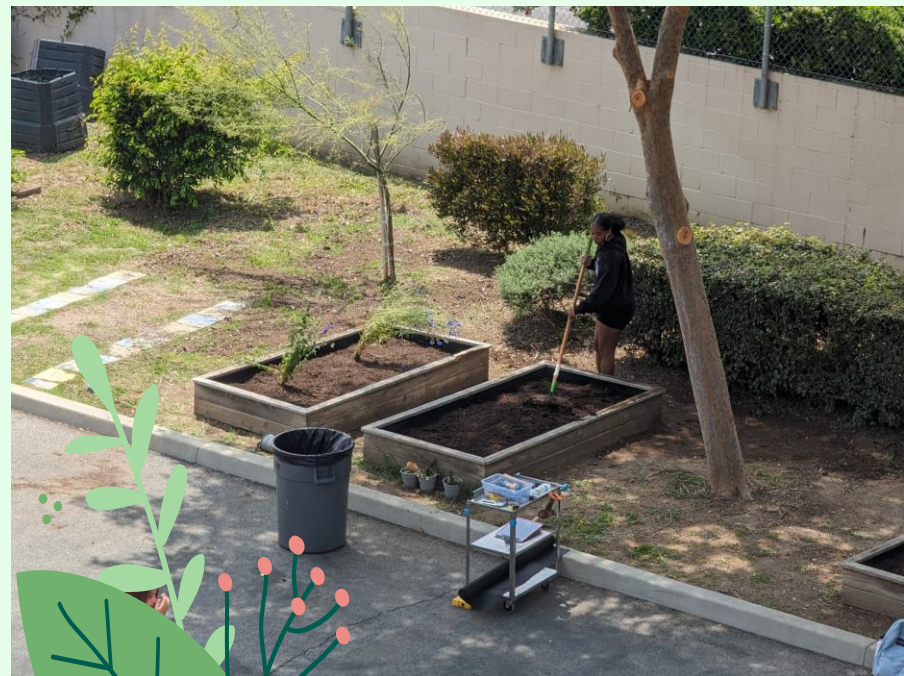
\$20-60

Funding and Resources

- LAUSD's over \$100 million budget for greening for the plants, pots, soil, watering cans, and other supplies
 - Fundraising events
 - Donations from local businesses and organizations
 - Local nurseries
 - Local Gardenias
- (LET'S MAKE THESE CONNECTIONS AND PARTNERSHIPS NOW!)

updates!





Any Questions?



ECO- SUSTAINABILITY OFFICE

Greening Schools and Climate Resilience Committee Meeting

Christos Chrysiliou, FAIA, LEED AP
Chief Eco-Sustainability Officer

June 5, 2024



[Return to Agenda](#)

San Pedro HS



Agenda

- **Board Resolution Updates**
 - **Clean Energy**
 - **Climate Literacy**
 - **Green Schoolyards for All**
- **Funding Updates**
- **Presentations & Awards**





Mission and Vision

Mission:

The Los Angeles Unified School District is committed to being the most sustainable and environmentally-friendly large urban school district in the country.

Vision:

The Eco-Sustainability Office supports the LAUSD Strategic Plan by developing and implementing programs and policies that raise awareness of environmental stewardship and provide healthy, sustainable learning environments for all LAUSD students.



LAUSD Eco-Sustainability Board Resolutions

Clean Energy Resolution (2019)

- Transitioning LAUSD to 100% Clean, Renewable, Energy Resulting in Healthier Students and More Sustainable, Equitable, Communities

Climate Literacy Resolution (2022)

- Enacting a comprehensive Climate Literacy Program for LAUSD to help address the escalating climate crisis. Climate Literacy covers education about environmental justice, green jobs and correcting misinformation.

Green Schools for All Resolution (2022)

- Establishes a minimum standard of 30% green space for all campuses



LAUSD Eco-Sustainability Goals

DOE Better Buildings Challenge

- 20% reduction in energy intensity – Baseline 2014
- 20% reduction in water intensity– Baseline 2014

DOE Better Climate Challenge

- 50% GHG emissions reduction in 10 years (by 2030) – Baseline 2019



- 2040 100% Clean Energy
- 2035 30% Greening in All Schools
- 2030 100% Clean Electricity
- 2030 50% GHG Reduction
- 2028 Gardena Bus Yard Electrification
- 2026 Sun Valley Bus Yard Electrification
- 2023 Eco-Sustainability Office Established
- 2023 US DOE Better Practice Award + Low Carbon Pilot
- 2022 Green Schools for All Resolution
- 2022 Climate Literacy Resolution
- 2019 Clean Energy Resolution
- 2014 20% Reduction in Energy + Water by 2024
- 2003 CHPS Resolution



Roybal HS



Northridge ES



Norwood ES



Norwood ES



Eco-Sustainability Updates

INSTRUCTION

- 314 schools with Climate Literacy Champions
- Heroes for Zero Annual Student Competition
- Empowered STEM Curriculum
- Magenta House Energy-Savings Project-based Learning
- Climate Change Professional Development & Stipend



TRANSPORTATION

- Developed playbook to electrify 1,300 school buses at 6 bus yards
- Sun Valley bus yard design in progress
- 71 electric buses to be in service by 2024
- 180 electric buses procured and in service by 2026
- Electrification of white fleet – in progress



FOOD SERVICES

- All Electric Kitchen Pilot for 3 sites – Under Review
- New central services study
- Installing electric combi-ovens



ENVIRONMENTAL HEALTH & SAFETY

- Food Scraps Pilot Program implemented at 113 school sites in compliance with SB 1383
- LAUSD diverted approximately 1,000 tons of organic waste from landscaping in its first year of the Organics Program



FACILITIES

- Continue with Energy Efficiency Programs
- Working with CHPS to Develop Minor Renovations Program
- Principals' Dashboard for Energy Use by School
- Solar Program – Authorization to Execute 14 Projects





Clean Energy Board Resolution

2040



100% Clean Energy

2030



100% Renewable Energy

2024



20% Energy & Water
Consumption Reduction

2014

Baseline

Clean Energy Resolution (2019)

- Transitioning LAUSD to 100% Clean, Renewable, Energy Resulting in Healthier Students and More Sustainable, Equitable, Communities
- 100% clean, renewable energy in its electricity sector by **2030**
- 100% clean energy in all energy sectors, including heating, ventilation, air conditioning (HVAC), cooking, and transportation by **2040**

Utility	FY22-23 Expenditure	Current Consumption	2030 Target	2040 Target
Electricity	\$137.1 M	616,324,041 kWh	0 (from fossil fuels)	0
Natural Gas	\$10.5 M	7,069,045 Therms	5,655,236 Therms	0
Total	\$147.6 M	*	*	*



Clean Energy Updates



Clean Energy Updates

- Ocean Charter High School was CHPS Verified
- LAUSD joined the U.S. Department of Energy's Commercial Heat Pump Accelerator Program
- As of April 2024, LAUSD has electrified almost all landscaping equipment
- LAUSD became one of the first school districts in California to achieve Level 2 Certified Green Zone from the American Green Zone Alliance (AGZA)
- Board authorization to execute 14 solar projects



Climate Literacy Resolution



Climate Literacy Resolution (2022)

- To enact a comprehensive Climate Literacy Program for LAUSD to help address the escalating climate crisis. Climate Literacy covers education about environmental justice, green jobs and correcting misinformation.
- Quarterly meetings of the Climate Literacy Task Force, including internal stakeholders from Facilities, Transportation, Food Services, and Office of Environmental Health & Safety and the General Public



Climate Literacy Updates



Sunland Gifted Magnet ES- Planet Protectors

Climate Literacy Updates

- 2023-2024 Heroes for Zero winners:



Cesar Chavez
Technology
Prep Academy




Foshay
Engineering
Academy




Sunland
Elementary

- Climate Literacy Schoology Group with over 1,100 educators (Access Code: CFV9-FGK8-MN26S)
- 2024-2025 upcoming Climate Literacy programs with:
 - SoCalGas – LivingWise Program + Toolkits
 - SCE Energy Coalition
 - LA County – SoCalREN + Toolkits
 - Broad Museum
 - Aeroponics Towers with SBTG Seedlings and Green Bronx Machine
- Division of Instruction - Climate Action Kits
- 2024-25 Climate Literacy Champions will be selected in June 2024
- Climate Literacy Task Force draft report in progress




Climate Literacy Task Force

Wednesday, June 12, 2024
3:30 - 5 p.m. PST



VIRTUAL Public Meeting

Join us to obtain an update from the Climate Literacy Task Force





Education & Awareness Programs Updates



Cesar Chavez Learning Academies

Heroes for Zero

Participating Schools: 50 Participating Students: 1,350

Empowered Schools

Participating Schools: 64 Participating Students: 1,700

Magenta House

Participating Schools: 12 Participating Students: 60

Climate Champions

Number of Schools with a Climate Champion: 314

Green Professional Skills Training (GPRO)

Number of Staff Trained: 46

Number of Educators Trained: 64

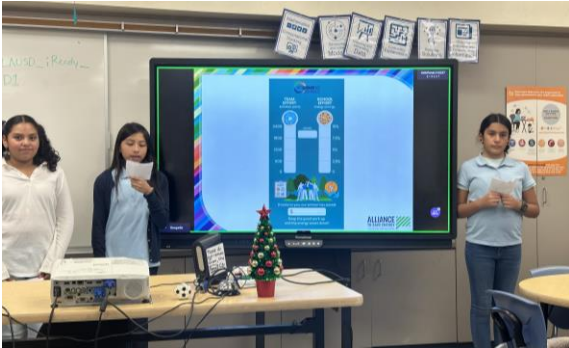


Menlo Ave Elementary

Over 3,000 participating students in Education and Awareness programs supported by the Eco-Sustainability Office



Education and Awareness Funding Updates



Program Funding: \$450K

- Empowered Schools \$200k+
- HEROES for Zero Contest \$175k
- Magenta House Program \$60k
- Green Professionals (GPRO) Training \$18k



Supported by generous funding from:





Green Schools for All Resolution



Glenfeliz ES SEEDS Garden

Green Schools for All Resolution (2022)

- Establishes a minimum standard of 30% green space for all campuses
- Prioritize efforts in Early Education Centers, Primary Centers, and Elementary Schools
- Prioritize schools with the lowest green spaces/access to green spaces and in communities most affected by extreme heat and climate change



Campus Greening Updates



Campus Greening Updates

- LAUSD released the Green Schools for All Plan
- Ribbon Cuttings for Outdoor Classrooms at 3 EECs:
 - Evergreen EEC 6/11/2024
 - Kentwood EEC 6/12/2024
 - Northridge EEC 6/14/2024
- The LAUSD Board of Education authorized Development Agreements for 34 CAL FIRE funded 3rd-party greening projects
- Completed SEEDS projects at several schools
 - Murchison St ES
 - Lankershim ES
 - Victoria Ave ES



Greening Programs Update



Monte Vista EEC - BEFORE



Monte Vista EEC - AFTER

SEEDS

Completed: 73 Completed by 2026: 20

Early Education Center Outdoor Classrooms

Completed: 16 Completed by 2026: 16

Playground and Campus Exterior Upgrades

Completed by 2026: 8

Board Member Priority Projects

Completed by 2026: 18

Enhanced Learning Opportunities Program

Completed in 2024: 11

Completed in 2025: 22

Completed in 2026: 1

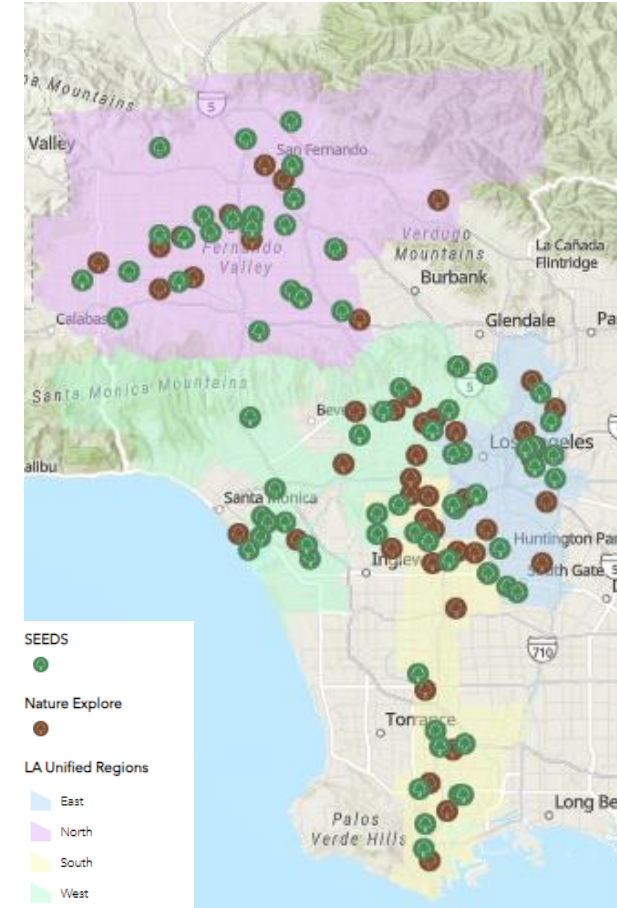
Green Schoolyard Upgrade Projects

In planning: 15

Community Initiated & Grant-Funded (CAL Fire & 3rd Party)

Completed by 2026: 48

Over 100 Greening Projects planned to be completed by 2026





Campus Ecology Funding



Programs: \$500M+

- Sustainable Environment Enhancement Developments for Schools (SEEDS/SEEDS+) \$10M+
- Early Education Center Outdoor Classrooms \$128M
- Paving/Stormwater Management Related Programs \$175M+
 - Drought Response Outreach for Schools (DROPS)
 - Critical Repair Program: Low Impact Development (LID), Paving with 30% Greening Component, Playground Greening, etc.
 - Municipal Partnerships (e.g., LADWP, SWRCB)
- Playground and Campus Exterior Upgrades \$300M (includes paving and infrastructure upgrades)
- Board District Priority Projects \$1.5M+
- Expanded Learning Opportunities Program (ELOP) \$44.2M
- Green Schoolyard Upgrade Projects \$100M
- Community Initiated and Grant-Funded Projects \$55M+





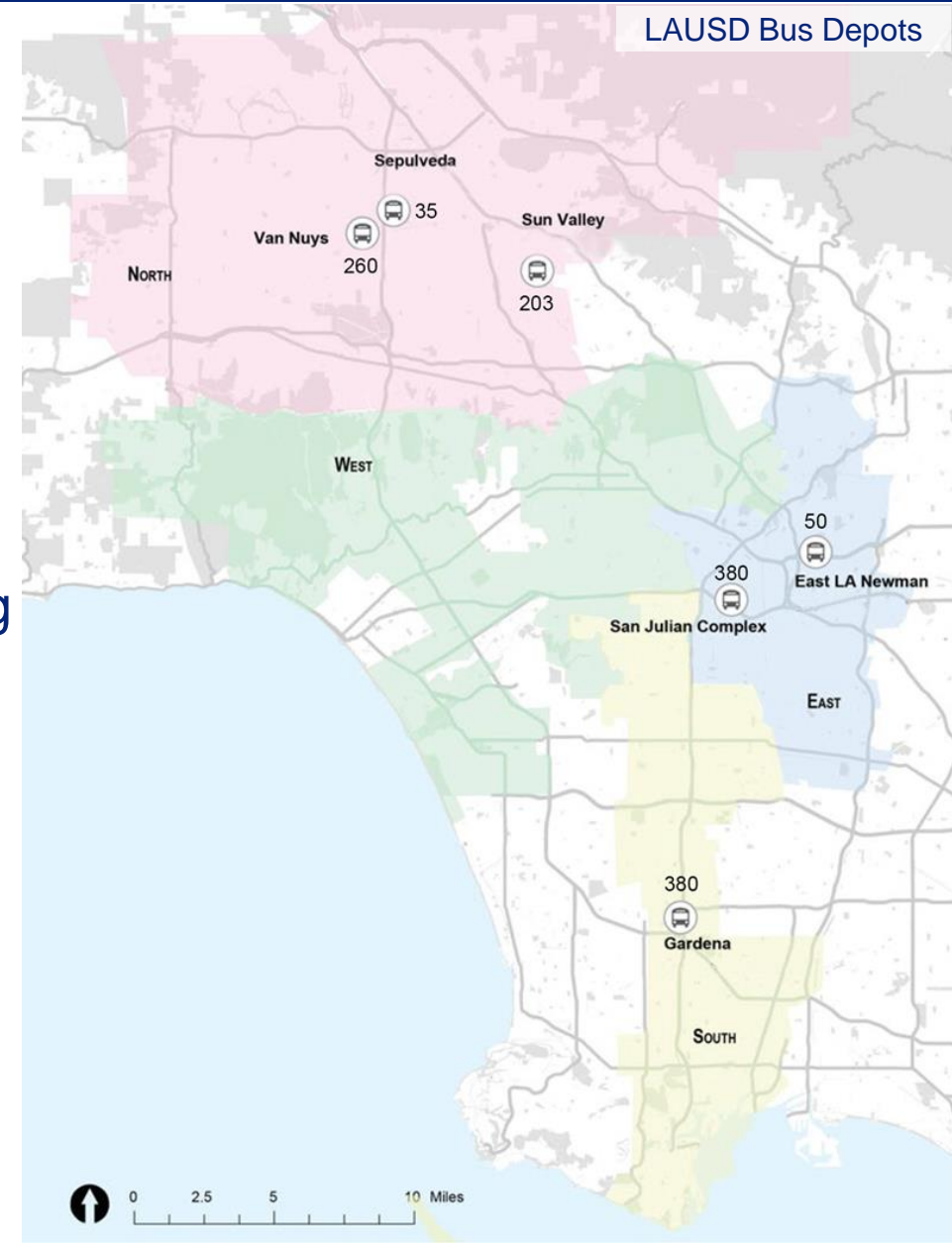
Clean Energy Grant Funding

Clean Energy Grants

- Environmental Protection Agency (EPA)
- Inflation Reduction Act (IRA)
- California Energy Commission (CEC)
 - CalSHAPE program, \$26.46 Million

Infrastructure Rebates

- Charge Up LA Program - LADWP – Electric Vehicle Charging
 - San Julian Bus Depot
 - Gardena Bus Depot
 - LAUSD Fleet Charging Projects
- Energize Project - CEC
 - Energy Infrastructure Incentives for Zero Emission
- Charge Ready Transport Program - SCE





Grant Funding Opportunities



Office of
STATE AND COMMUNITY ENERGY PROGRAMS



Governor's Office of
Planning and Research

- EPA Grant Funding to Address Indoor Air Pollution at Schools
EPA-R-OAR-APS-24-02 – Applied with Clark County
- DOE Grid Resilience and Innovation Partnerships Program (GRIP)
FOA 3195- Partner with LACI
- CNRA Urban Greening Grant – Submitted 11/20/23
- SCAQMD – Carl Moyer – submitted application for Sun Valley Bus Garage on 2/16/24
- ICARP Extreme Heat and Community -Submitted 5/7/24
- CalFIRE Tree Grant UCF IRA – Submitted 5/30/24
- ICARP Adaptation Planning Grant Program – Due 6/3/24
- DOE 2024 Renew America's Schools Prize – Due 6/14/24



Clean Energy Agreements & Tax Credits

Tax Credits

- **Inflation Reduction Act (IRA)**
 - **Investment Tax Credits (ITC)** - working with the Controller's Office to capture all eligible tax credits
 - Solar arrays
 - Battery energy storage systems
 - Electric vehicle charging infrastructure
 - Electric vehicles



Agreements

- **Conserving for Our Kids MOU** - LADWP - Energy and Water Efficiency in School Facilities - **\$87.5 Million**
- **Electric Vehicle Charging MOU** - LADWP - **\$4.8 Million**
- **Green Access Program (GAP)** - LADWP





Recent Presentations & Achievements

Sustainability Awards

- First Place - 2024 Demand Response Program from LADWP

Recent Presentations

- White House Summit on Sustainable K-12 School Buildings and Grounds – May 2024
- Coalition for Adequate School Housing (CASH) Conference – April 2024
- Earth Day Presentation – April 2024
- Council of Great City Schools Conference – April 2024
- U.S. Department of Energy (DOE) Presentation – April 2024
- Ethnic Media press event on Green Schools for All – May 2024



Chief Eco-Sustainability Officer, Christos Chrysiliou, provides comments during the White House Summit on Sustainable K-12 School Buildings and Grounds



Sustainable Growth through Partnerships



Resolutions/Initiatives/Programs

CHPS RESOLUTION (2003)

SAVE the DROP!

APPLIANCE UPGRADES

EMERGING TECHNOLOGY PILOTS

STORMWATER MANAGEMENT

COOL SCHOOLYARDS

DROUGHT AWARENESS
RESOLUTION (2014)

GREEN BUILDING DESIGN

LIGHTING RETROFITS

BETTER BUILDINGS CHALLENGE

HEROES for ZERO

SMART IRRIGATION

WATER SAVINGS RESOLUTION (2010)

ZERO ENERGY
SCHOOLS ACCELERATOR

ENERGY AND RESOURCE
CONSERVATION POLICY (2015)

LAUSD emPOWERED

RECYCLED WATER

SCHOOLYARD HABITATS

EV CHARGING POLICY
(2018)

SOLAR INITIATIVE

STUDENT ENERGY
AUDIT TRAINING (SEAT)

PLUMBING RETROFITS

PRESERVING & SUSTAINING
SCHOOL GARDENS (2007)

SOLAR POWER RESOLUTION (2008)

PROP 39 ENERGY UPGRADES

DROPS

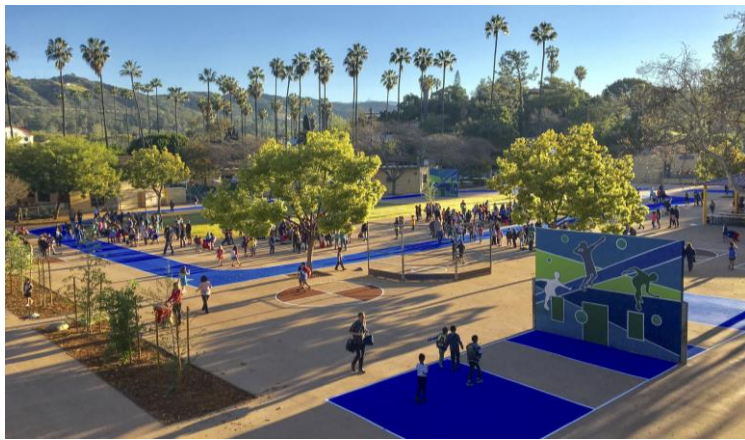
SEEDS GARDENS

NATURE EXPLORE CLASSROOMS



Partnerships





Thank You!



Christos Chrysiliou, FAIA, LEED AP
Chief Eco-Sustainability Officer



LAUSD IN PARTNERSHIP WITH LADWP PRESENTS:



Los Angeles Unified School District
Eco-Sustainability Office



Christos Chrysiliou, FAIA, CCM, LEED AP BD+C
Chief Eco-Sustainability Officer



HEROES

FOR

ZERO

AGENDA



Heroes for Zero



Partners



Awards

AGENDA



Heroes for Zero



Partners



Awards

ZNE?



On-site energy
consumed

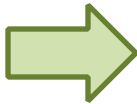


On-site renewable
energy generated

***PRODUCES AS MUCH ENERGY AS IT
CONSUMES OVER THE COURSE OF A YEAR,
WHEN ACCOUNTED FOR AT THE ENERGY
SOURCE.***

ZNE FORMULA:

$$\text{EE} + \text{RE} = \text{ZE}$$



EE

OUR FOCUS:

- Applying EE measures and avoiding waste
- Reducing waste through energy education & awareness
- Using technology to understand the facility
- Collaboration for greater efficiency



Heroes for Zero

OBJECTIVE:

- Encourage schools to engage in activities that help make them “ZNE Ready”

ELIGIBILITY:

- Open to all Student Teams at all grade levels (K-12)
- Schools can form more than one team, but will submit only one Team’s plan as their entry,





Heroes for Zero

ELEMENTS:



- H** – Demonstrate how ZNE can also lead to a healthier space or community
- E** – Learn about and educate other about energy efficiency
- R** – Work with a partners or Community-Based Organization
- O** – Conduct a school energy audit & identify where improvements can be made
- E** – Develop a strategy to reduce energy consumption
- S** – Identify how sharing lessons learned can help other schools, groups, or your neighborhood

AGENDA



Heroes for Zero



Partners



Awards



Partners

**LA
DWP**

**CLIMATE
LITERACY** | **LAUSD**
Division of Instruction **UNIFIED**

HEROES FOR ZERO PARTNERS

“The true strength in our classroom lies in the collaboration of learners, not in the knowledge of one expert.”

AGENDA



Heroes for Zero



Partners



Awards

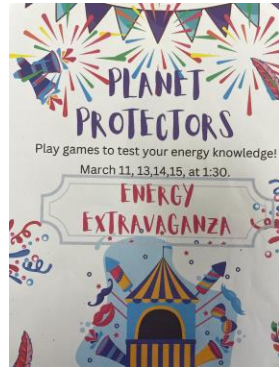
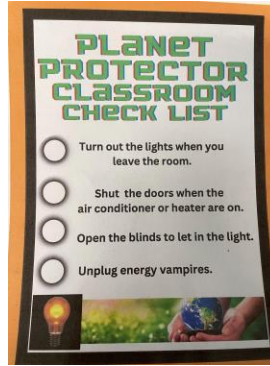


Awards

WINNING TEAM

Sunland
Elementary

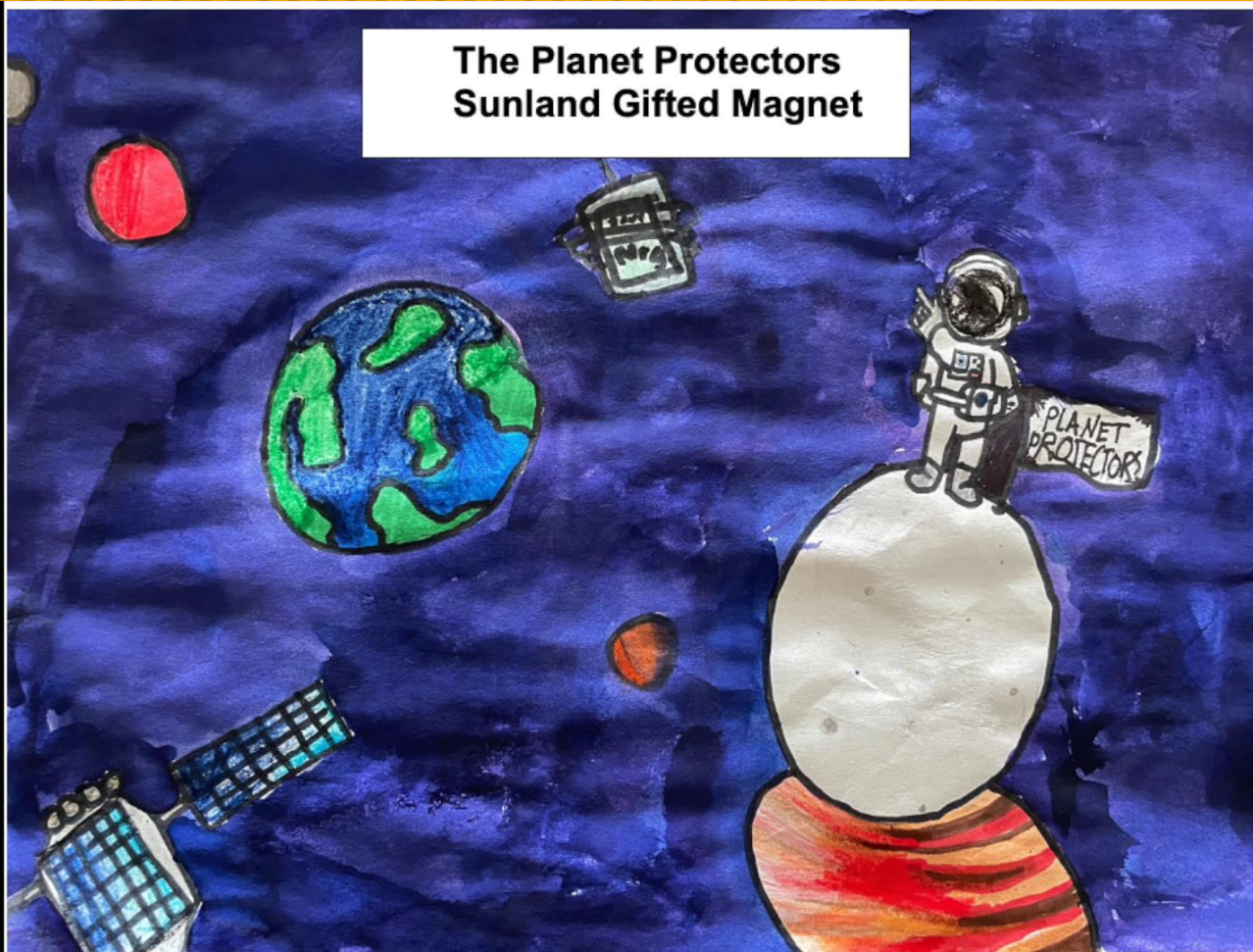
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SUNLAND ELEMENTARY SCHOOL



**The Planet Protectors
Sunland Gifted Magnet**





HEROES

FOR

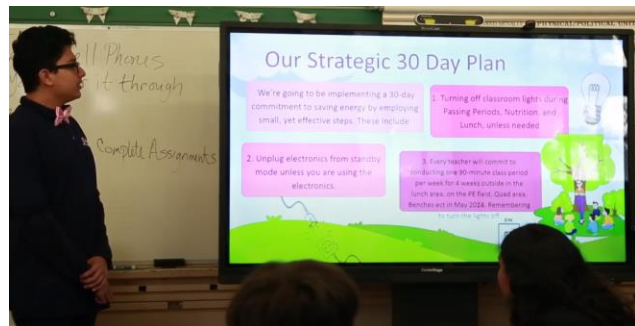
ZERO



Awards

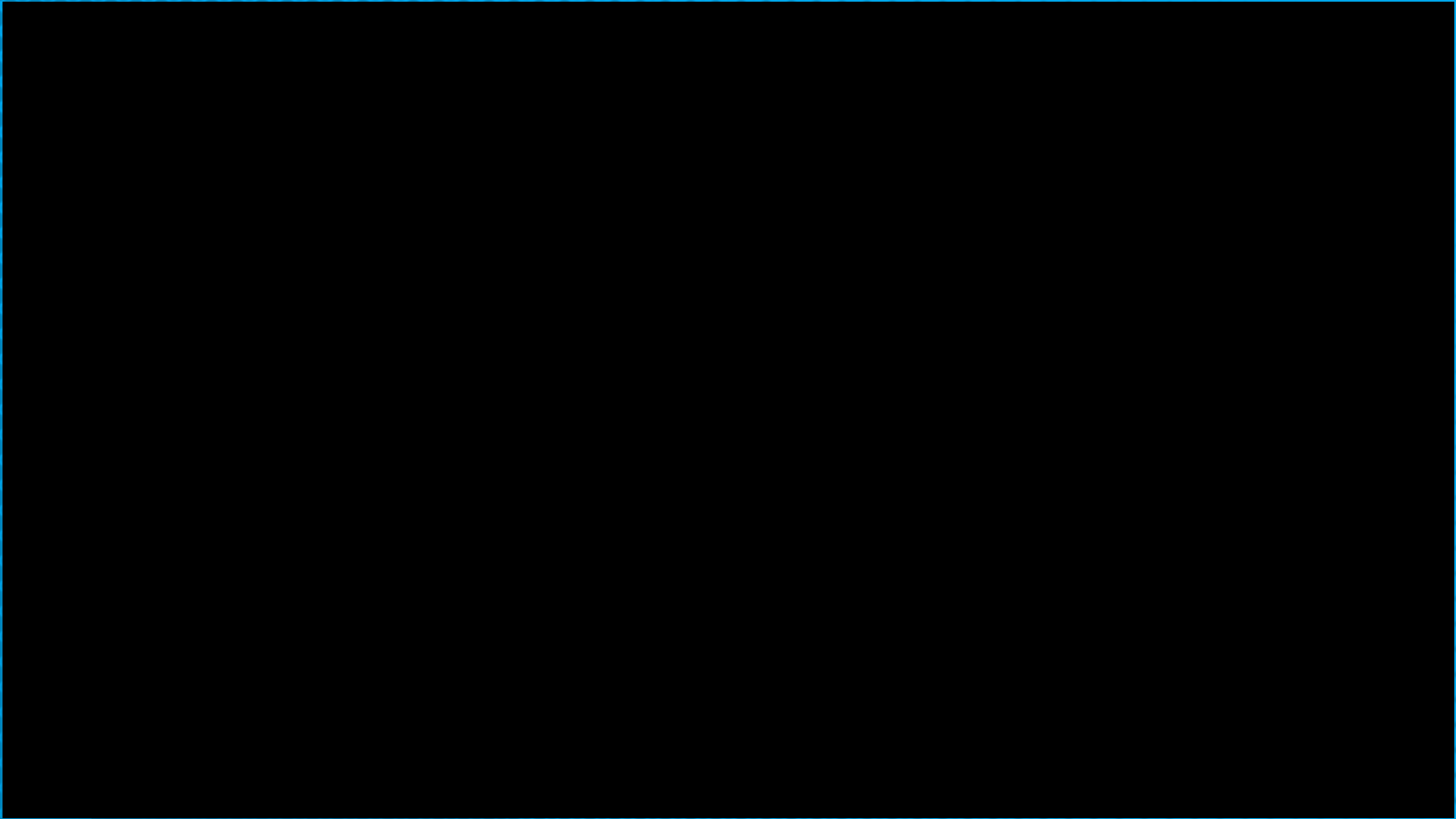
WINNING TEAM

Foshay
Learning Center
<Engineering Academy>



FOSHAY LEARNING CENTER







HEROES

FOR

ZERO



Awards

WINNING TEAM

**Cesar Chavez
Learning Academies
TPA**

<The Climate Eagles>

CESAR CHAVEZ LEARNING ACADEMIES

HIGH SCHOOL — TPA



A vibrant, cartoon-style illustration of a forest scene. Two children, a girl with dark hair in a ponytail wearing a blue dress and an orange backpack, and a boy with red hair wearing a white shirt and blue pants with a red backpack, are walking along a dirt path. The forest is filled with large, leafy green trees, some with hollows in their trunks, and several red mushrooms with white spots are scattered on the ground. The background is a solid light blue sky.

HEROES FOR ZERO

ENERGY CONSERVATION

By: CLIMATE EAGLES



Cesar E. Chavez Learning Academies
TECHNOLOGY PREPARATORY ACADEMY



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HEROES for Zero
Contest

HEROES

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**Congratulations
to all finalists and
winners!**