

ENVIRONMENTAL STEWARDSHIP ADVISORY COMMITTEE

MAY 23, 2018



CO-CHAIR ELECTIONS

3 required: parent, **employee**, **community member**

Responsibilities:

- Plan direction and priorities for ESAC (with staff)
- Develop ESAC meeting agendas (with staff)
- Establish subcommittees (with staff)
- Lead all non-subcommittee ESAC meetings and enforce parliamentary procedures (subcommittee chairs lead their respective meetings).
- Represent the ESAC and sign on behalf of ESAC
- Perform other ESAC-related responsibilities as requested by Superintendent or ESAC staff coordinators



CO-CHAIR ELECTIONS



Community Member:



CO-CHAIR ELECTIONS



Community Member:

Mary Priddy



CO-CHAIR ELECTIONS



AISD Employee:



CO-CHAIR ELECTIONS



AISD Employee:

Dr. Sherry Lepine



CO-CHAIR ELECTIONS







ESAC AWARDS



AISD SUSTAINABILITY UPDATES

DARIEN CLARY



EARTH WEEK APRIL 16-20

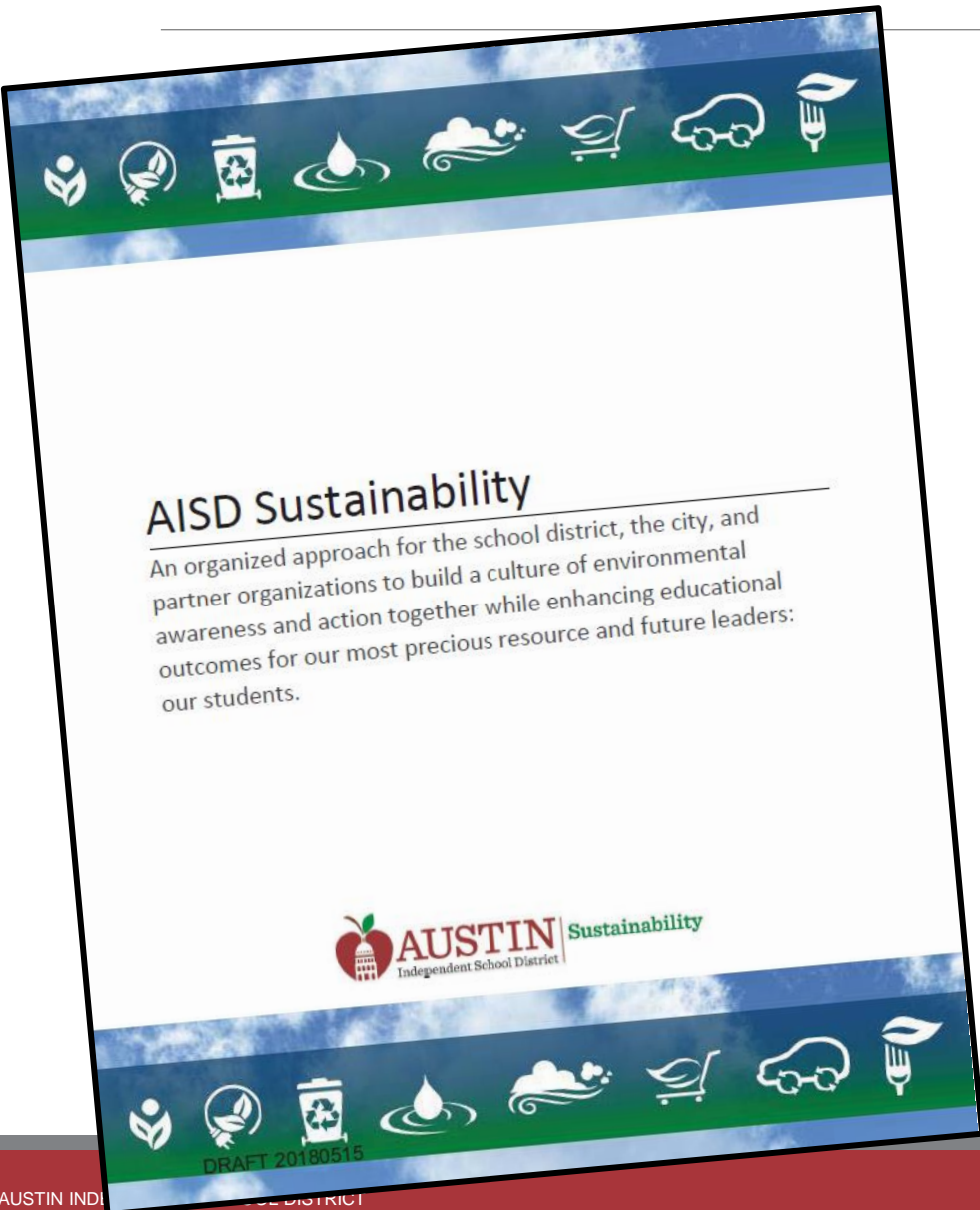


Green Meme Contest:

Meme must be informative and spark a behavior that supports sustainability



SUSTAINABILITY PLAN DRAFT



AISD Sustainability:
An organized approach for the school district, the city, and partner organizations to build a culture of environmental awareness and action together while enhancing educational outcomes for our most precious resource: our students.



SUSTAINABILITY PLAN DRAFT

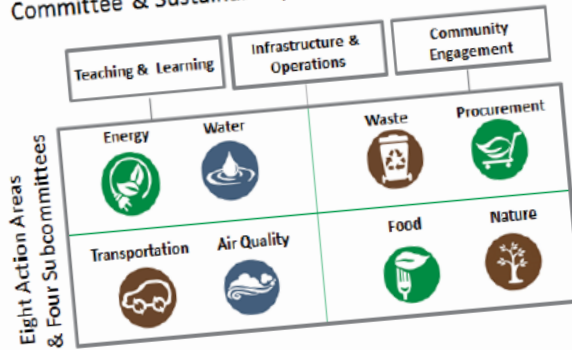
Austin ISD Sustainability Plan

Development & Structure

To support the aforementioned [2010 Resolution](#) and [2011 Sustainability Policy](#), the Environmental Stewardship Advisory Committee helped identify strategies to include in the Austin ISD Sustainability Plan, which coincides with the advisory committee's vision "to utilize a systemic approach to inspire our students to become stewards of the environment, resulting in improved student learning and academic achievement." Appendix 1 outlines the unifying themes identified in the 2016 AISD Sustainability community visioning session, and Appendix 2 highlights the milestones achieved by the ESAC in the development of the plan. The ESAC created several working groups to undertake the detailed work required to develop the sections of the plan, including Energy & Water, Waste & Procurement, Transportation & Air Quality, and Food & Nature. Members were challenged to identify strategies for each action area that addressed Teaching & Learning, Infrastructure & Operations, and Community Engagement. To help prioritize, each strategy was evaluated according to cost, impact, and effort. Indicating whether a strategy was not started, in progress or complete revealed that a handful of strategies were already underway. This information helps not only with planning, but in serving as a quick reference for teachers, district administrators, and community groups to know which initiatives are taking place across the District. Public input at community meetings has also added another layer of information about what the larger community would like to see regarding district sustainability initiatives (see "Community Engagement" section, below). Figure 2 shows the organizational structure of both the Sustainability Plan and the ESAC. Consistency in the two structures facilitates implementation, for each subcommittee is responsible for aiding in implementation, updating the AISD Sustainability Plan Tracking Database as progress is made, and integrating new strategies as opportunities arise.

Figure 2.

Austin ISD Environmental Stewardship Advisory Committee & Sustainability Plan Organization





SUSTAINABILITY PLAN DRAFT

Austin ISD

Development

To support the Stewardship Plan, which encourages students to achieve their community development goals required to support each action. Engagement strategies will be used to indicate quick reference information for each sub-tracking data.



Transportation & Mobility

Intent
The Transportation Action Area encourages the availability and use of more sustainable transportation and mobility options for students and their families, staff, and visitors to AISD schools and facilities.

Overarching Goals
1. Reduce peak time commutes for AISD by 20% by 2020.⁵
2. Reduce greenhouse gas emissions from transportation to reach net zero emissions by 2050.⁶

- Strategies of focus**
- Minimize single-occupant vehicle trips and reduce miles driven.
 - Increase the use of cleaner-burning fuels when fuel-burning vehicles are required.
 - Increase mobility options for everyone.

- Current Initiatives and Achievements to Date**
- Austin ISD Superintendent signed the City of Austin Mobility Pledge to decrease AISD staff commutes by 20% by 2020.
 - Implemented an AISD commuter survey and cluster analysis: established baseline of 94% employees driving alone to work.
 - Created the [Transportation and Air Quality page](#) on the AISD Sustainability website.
 - Obtained employee discounts and created online menu for carshare and bikeshare.
 - Collaborated with AISD Human Capital for telework and flextime policy draft and pilot groups.
 - Investigating feasibility of campus EV charger pilot in partnership with Austin Energy.
 - Investigating feasibility of discounted employee transit pass program with Capital Metro.
 - Investigating greenhouse gas emissions reporting frameworks and inventory tools.

- Priorities for the Next Three Years**
- Each year engage at least 7% (752) additional employees in an every-day mobility option, and/or 33% (3760) additional employees in a "one day per week" mobility option.
 - Establish baseline greenhouse gas emission data from transportation emissions.
 - Support campus and fleet initiatives to reduce idling and increase the use of cleaner fuel.

⁵ Alignment: City of Austin Mayor's Mobility 2020 Pledge <http://www.mobilitysolution.org/about/>
⁶ Alignment: City of Austin Climate Action Plan <http://www.austintexas.gov/climate>



SUSTAINABILITY PLAN DRAFT

Austin ISD

Development

To support the Stewardship Plan, which students to achievement community development required to Transportation each action. Engagement Indicating w strategies w quick refer are taking pl information initiatives (s both the Sup for each sub Tracking Dat

Figure 2.

Austin ISD

Eight Action Areas & Four Subcommittees

DRAFT 2

Status	Transportation: Key Strategies & Actions	Metrics
	Build internal capacity for identifying and implementing transportation and mobility solutions	
In progress	Build internal capacity for identifying and implementing transportation and mobility solutions	Stakeholders ID'd and engaged in group
In progress	Gather internal stakeholder group of key administrative staff and educators	Internal lead identified/hired – position ends June 2018
In progress	Identify an internal lead for championing mobility and transportation initiatives for the district	Meeting scheduled, conducted
In progress	Internal stakeholder group convenes to begin to discuss transportation issues.	ISD mobility program analysis complete.
Complete	Analysis including commuter survey, cluster analysis, Identify, evaluate, and implement commute options	Comprehensive mobility solutions list complete
Complete	Revise + add to comprehensive mobility solutions list for evaluation	Analysis completed, candidates ID'd
In progress	Rideshare: Cluster analysis for general feasibility and target commuters	Meetings scheduled & conducted
In progress	Rideshare: CapMetro Rideshare - discounts, support, connectivity	Options for discounts, services ID'd
In progress	Transit: Discounts for CapMetro bus and rail passes and options for connecting to services	Options for discounts ID'd
Complete	Carshare: Discounts for commuter personal accounts	Options for discounts ID'd
Complete	Bikeshare: Discounts for commuter personal accounts	Inventory of existing facilities
In progress	Bike/Walk: Identify facilities, programming and curriculum supporting walk/run/bike.	Funding and process identified, implemented
In progress	Electric Vehicle: charging station pilot at schools	Draft incentives plan complete
In progress	Identify incentives options to engage employees around all solutions	
	Design and implement telework and flextime pilot programs	
In progress	Identify telecommute & flextime program lead, internal committee for program development.	Lead, members ID'd, meeting complete
In progress	Identify eligible positions for telecommute & flextime.	Eligible positions ID'd
In progress	Develop telecommute/flextime policy.	Policy drafted.
In progress	Determine IT issues/constraints/implications for program.	IT outlines needs/ constraints
In progress	Develop telecommute onboarding/ offboarding process.	Onboarding/ offboarding process drafted.
Not started	Hold trainings for managers and eligible participants for telecommute/ flextime pilot.	Staff trainings complete
Not started	Launch telecommute / flextime pilot.	Pilot officially launched.
	Track and report progress towards greenhouse gas emissions goals	
Complete	Identify appropriate reporting framework	Reporting framework identified
Complete	Identify appropriate inventory tool (as needed)	Tool identified
In progress	Identify data sources and gaps	Data sources identified,
Not started	Gather and enter data for baseline emissions inventory of transportation related emissions	Data entered

As of Spring 2018, over 100 strategies are underway to make Austin ISD and our community a more sustainable place.



SUSTAINABILITY PLAN DRAFT

Austin ISD

Developme

To support the Stewardship Plan, which empowers students to achieve community development required to support transportation and mobility solutions

Transportation: Key Strategies & Actions

Metrics

Figure 2. Austin ISD Sustainability Plan

Eight Action Areas & Four Subcommittees

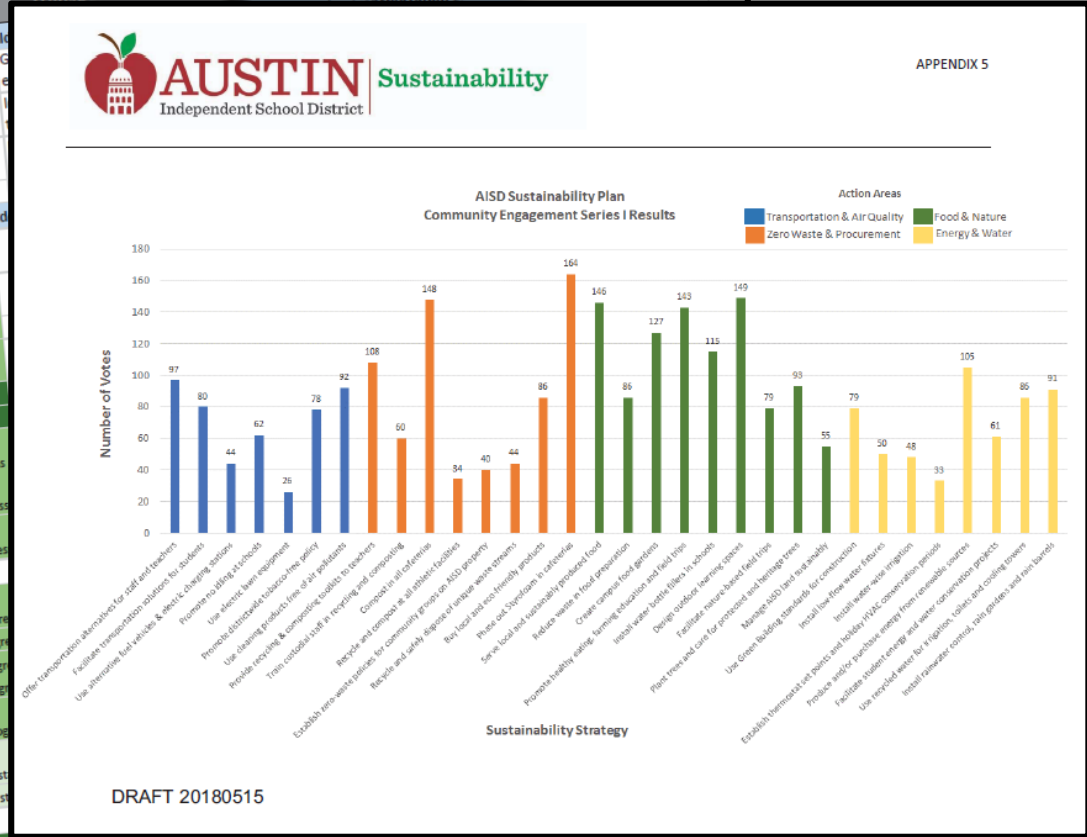
Identify appropriate inventory tools (see table below)

Identify data sources and gaps

Gather and enter data for baseline emissions inventory of transportation related emissions

23

DRAFT 20180515





SUSTAINABILITY PLAN DRAFT

Austin ISD has embraced sustainability as a driving force behind its mission to provide a comprehensive educational experience that is high quality, challenging, and inspires students to make a positive contribution to society. Sustainability is a channel through which Austin ISD will reinvent the urban school experience.





SUSTAINABILITY PLAN DRAFT

Next Steps:

- Written update to Board of Trustees
- Feedback over summer
- Post final version on AISD Sustainability Website





ESAC RECOGNITION

May 21, 2018 AISD Board Meeting



ESAC Recognition





SUSTAINABILITY ACTION AREA UPDATES

SUBCOMMITTEE LEADERS

SUSTAINABILITY ACTION AREA UPDATES: ENERGY & WATER

RICHARD SHEARMAN



ENERGY AND WATER

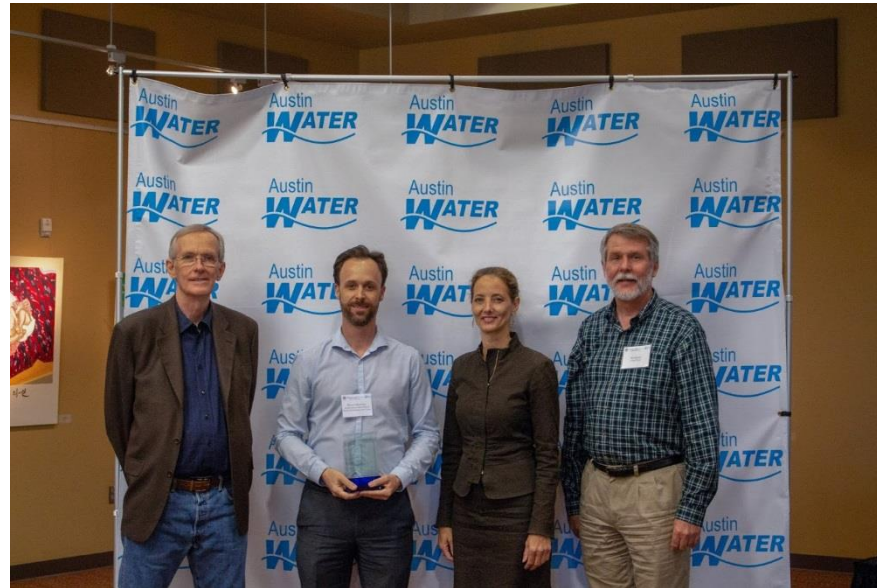
- Installed first real-time water monitoring system at Paredes Middle School on Monday 21st May. Live data should be available Friday 25th.





ENERGY AND WATER

- AISD Performing Arts Center won an Excellence in Water Conservation Award at AW's annual awards ceremony on April 27.





ENERGY AND WATER

Plans for coming months:

- Participate in Austin Energy Load Coop program
- Summer efficiency schedules
- Seven schools being considered for EV charging stations
 - Austin HS, Bowie HS, Lanier HS, Travis HS, Dobie MS, Kealing MS, Linder ES
- New solar arrays nearing completion
(Boone 99kW, Paredes 296kW)

SUSTAINABILITY ACTION AREA UPDATES: WASTE & PROCUREMENT

AMANDA MORTL



ZERO WASTE AND PROCUREMENT

11/17

Accomplishments:

- Zero waste event guidelines
- Training for Custodial Staff at Annual In-service Day
- Waste Optimization Study
- Part time staff member
- Voluntary program for schools to improve composting and recycling in common areas (CAPGOG Bin Grant)



Eastside Memorial students pick up litter around their school



Austin HS Global Studies upcycling fundraiser



ZERO WASTE AND PROCUREMENT NOV 17

In progress:

- Composting services to remaining 26 schools
- Zero waste Station setup guide, downloadable signs
- Zero waste curriculum to classroom
- Student leadership through zero waste projects

Next steps:

- Recycling and compost in all athletic facilities
- Protocol for recycling and safe disposal of unique waste streams



Eastside Memorial ECHS Teacher shows off her hallway's zero waste station to support their school's Breakfast in the Classroom program



ZERO WASTE AND PROCUREMENT JAN 2018

News:

- Implemented compost at Austin HS, 25 more to go!
 - Students produced video, webpage, advisory lesson, PSAs, and electronic volunteer sign-up
- Image library for schools developing
- Zero Waste Toolkit available
 - Example PSAs
 - Bin request form
 - Sorting slideshows in English & Spanish
 - Sorting signage
- TDS Waste Optimization Report identified schools with
 - >16 cy landfill pick-ups/week (27 ES, 17 MS)
 - >30% population loss since 2013 (7 ES/PS)



Next steps:

- Update Campus Zero Waste Guide, and post it in AISD's Zero Waste Toolkit





ZERO WASTE AND PROCUREMENT MAR 2018





ZERO WASTE AND PROCUREMENT MAR 2018

- 2/19 Discussion with Anita M. Procurement dept on purchases
 - No system for disposal of light bulbs or toner/ink cartridges
- 2/27 Family night as Gus Garcia for sustainability survey results
- Found source for 4-gallon buckets



ZERO WASTE AND PROCUREMENT MAY 2018

- Lunch composting has been implemented at 103 of 116 sites
 - 81 elementary schools
 - 19 of 22 middle schools
 - 3 of 13 high schools
- 5 implementations planned for Summer
- 8 implementations planned for Fall 2018
- 5 schools committed to Breakfast in the Classroom composting pilot for fall 2018
- 1 School implemented composting pilot in bathrooms





ZERO WASTE AND PROCUREMENT MAY 2018

Upcoming:

- Zero Waste Training for Teachers July 18th

Priorities:

- Securing funding to extend Zero Waste Specialist position for Fall 2018 and beyond:
 - to complete cafeteria compost implementation
 - for reevaluating Universal Waste disposal standard operating procedures
 - to implement dumpster pick-up optimization study
 - to support >90% landfill diversion by 2040

SUSTAINABILITY ACTION AREA UPDATES: TRANSPORTATION & AIR QUALITY

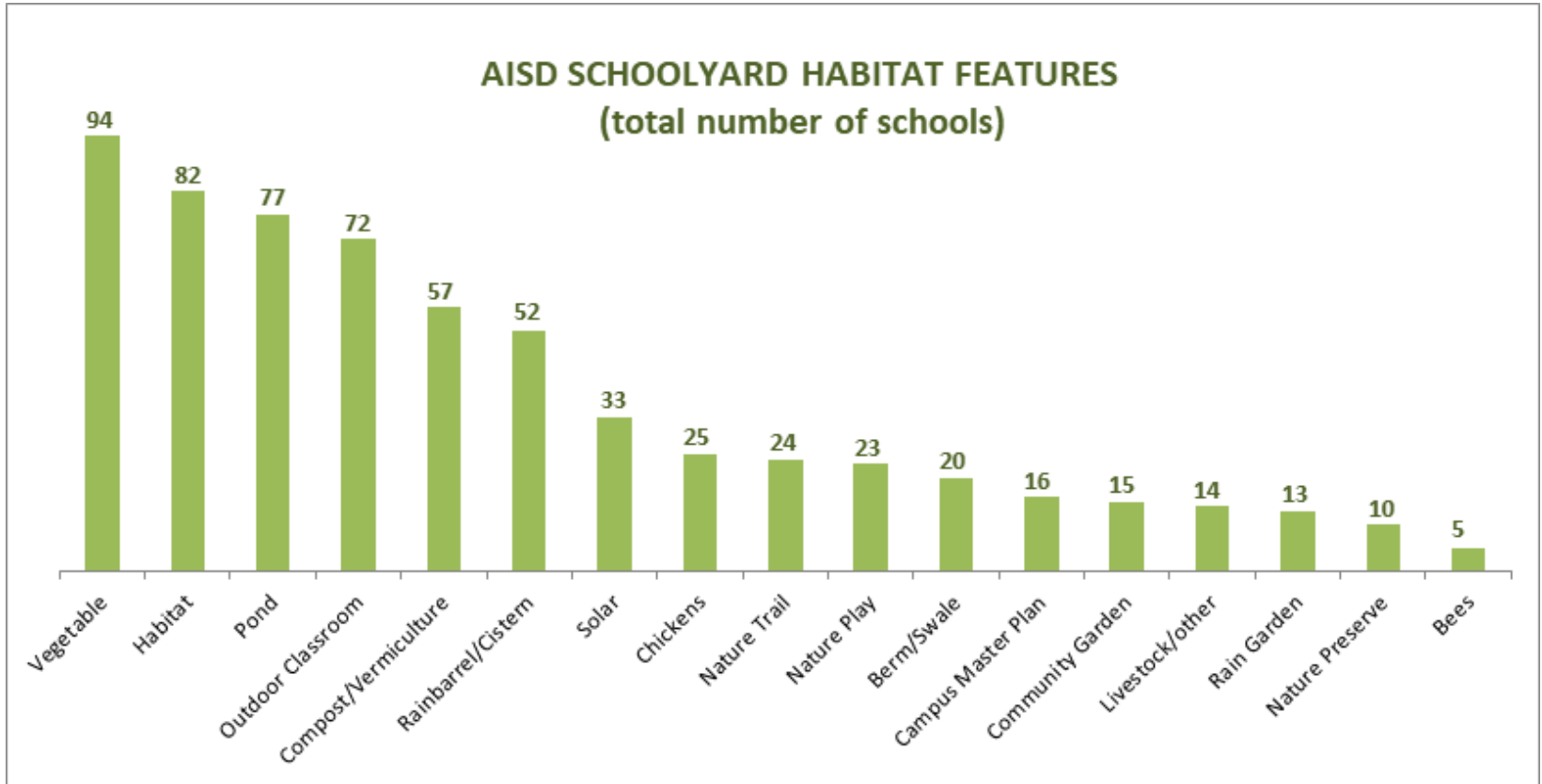
ROB BOROWSKI

SUSTAINABILITY ACTION AREA UPDATES: FOOD & NATURE

ANNE MULLER



NATURE



SUSTAINABILITY ACTION AREA UPDATES: COMMUNITY ENGAGEMENT

DARIEN CLARY



COMMUNITY ENGAGEMENT

Goal: to garner input for and build public will, interest, and awareness of the Sustainability Plan

Methods: affinity voting on strategies displayed via posters at events. Posters feature English and Spanish. Each ESAC subcommittee conduct process at a minimum of 2 events.

- Participants mark the 6 strategies that are important to them.
- Post-its also provided for participants to contribute new suggestions.

Sustainability at Austin ISD

Sostenibilidad en el Austin ISD



Mobility & Transportation

Movilidad y transporte

M1. Offer transportation alternatives for **staff and teachers** (public transport, work from home, carpool, etc.). / M1. Ofrecer alternativas de transporte para **el personal y los maestros** (transporte público, trabajar desde casa, compartir el vehículo, etc.)

M2. Facilitate transportation solutions for **students** (walk, bike, carpool, etc.). / M2. Facilitar soluciones de transporte para los **estudiantes** (caminar, montar bicicleta, compartir el vehículo, etc.)

M3. Use alternative fuel vehicles & electric charging stations / M3. Usar vehículos de combustible alternativo y carga eléctrica.





COMMUNITY ENGAGEMENT

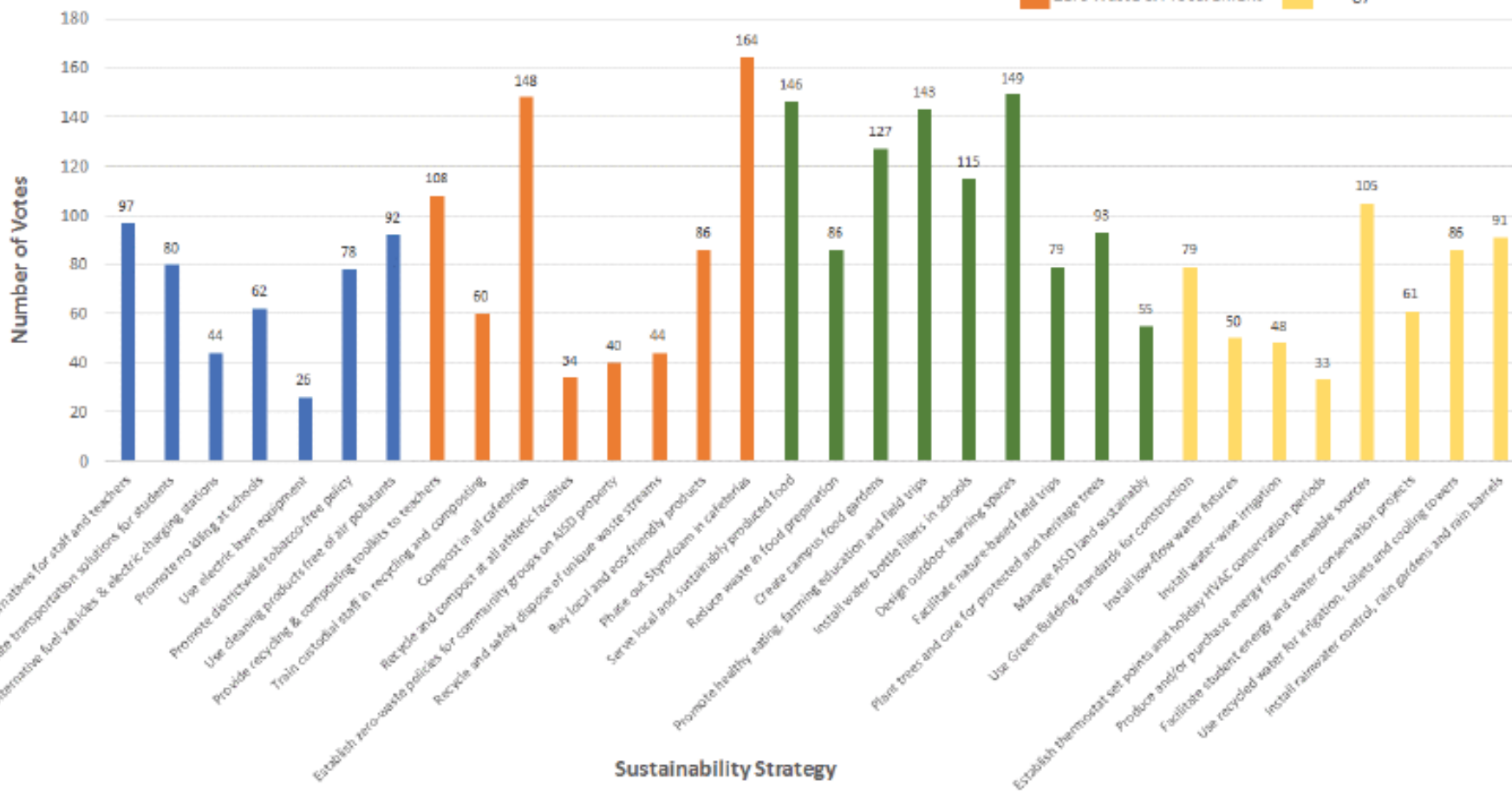
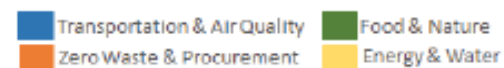
Results

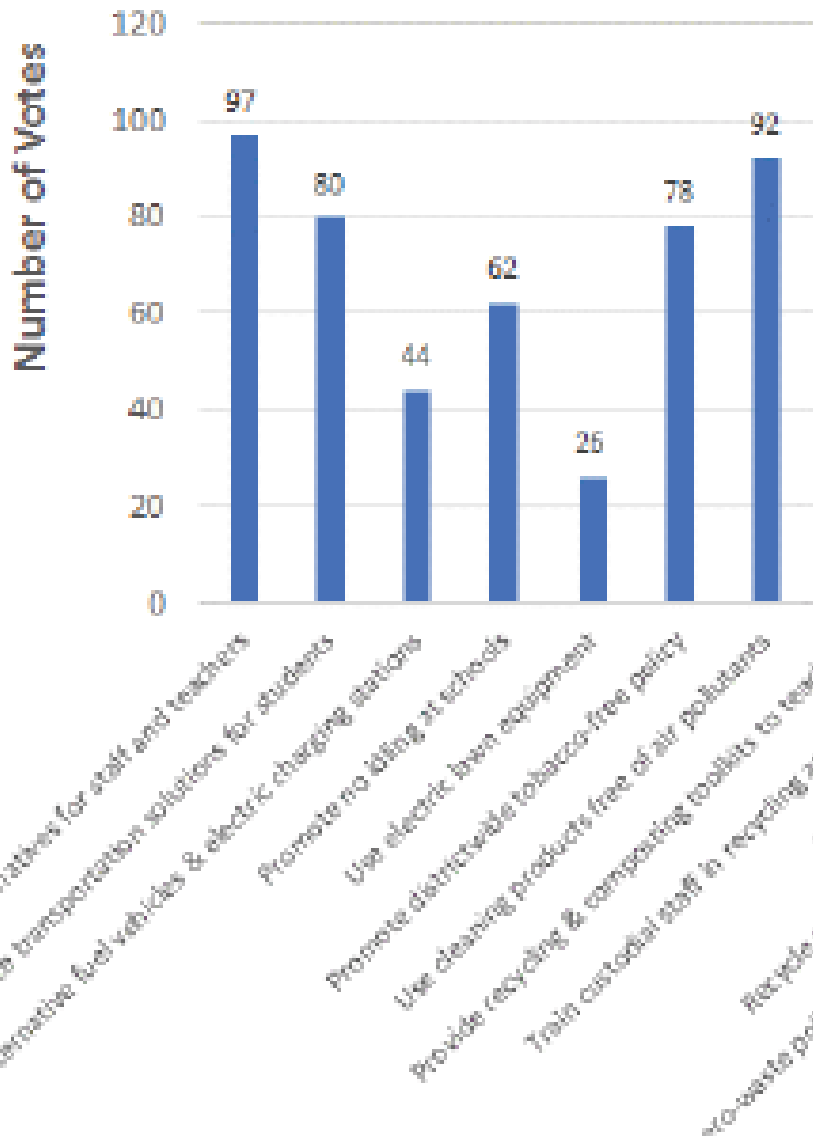
- 9 events in the following AISD Districts: 1, 2, 3, 5, 6, and 7
- ~400 respondents participated
- Respondents represented:
 - all 7 AISD Districts
 - students, teachers, AISD administration, and parents
- The types of events included: Science Fest, Family Nights, PTA meetings, teacher trainings, public gatherings, and AISD's Superintendent Student Roundtable



AISD Sustainability Plan Community Engagement Series I Results

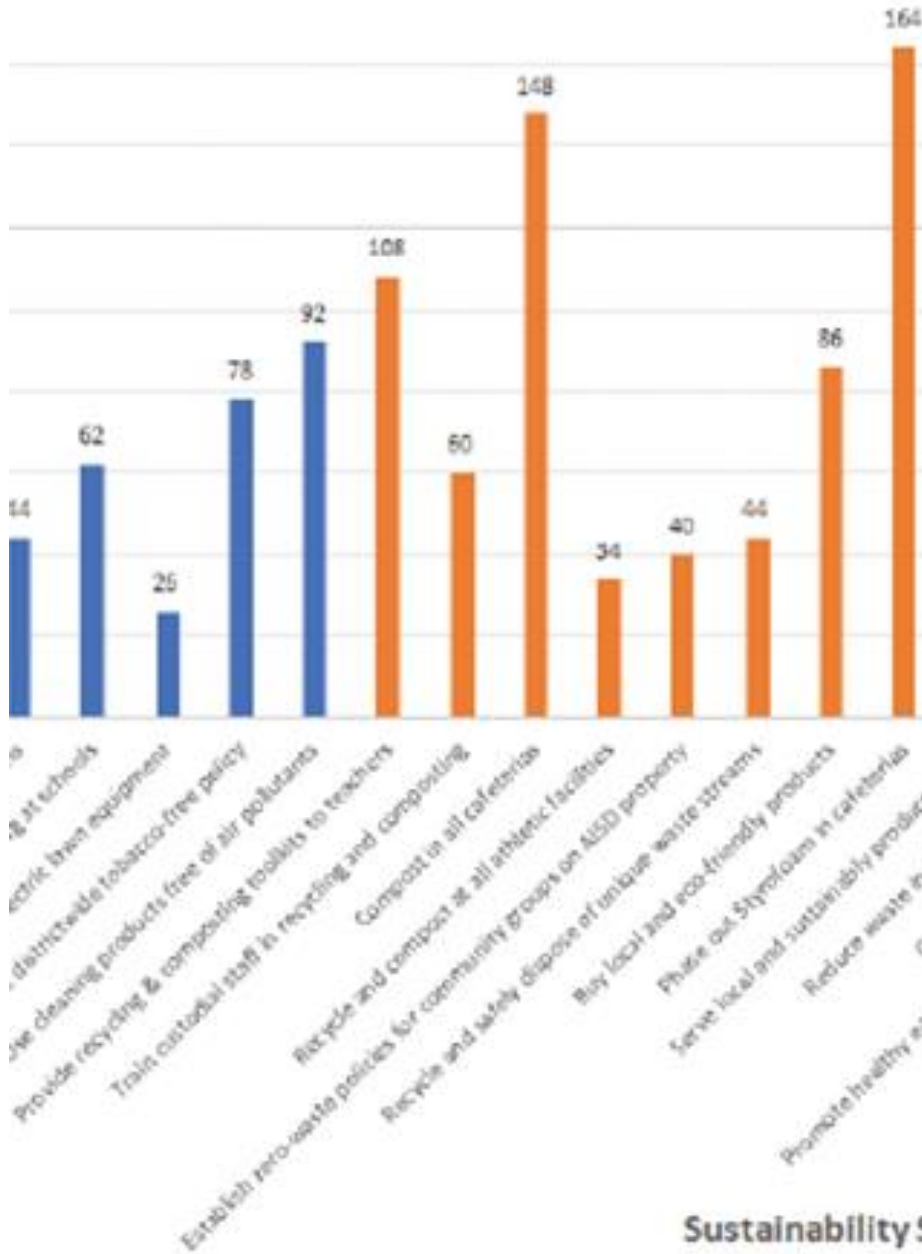
Action Areas





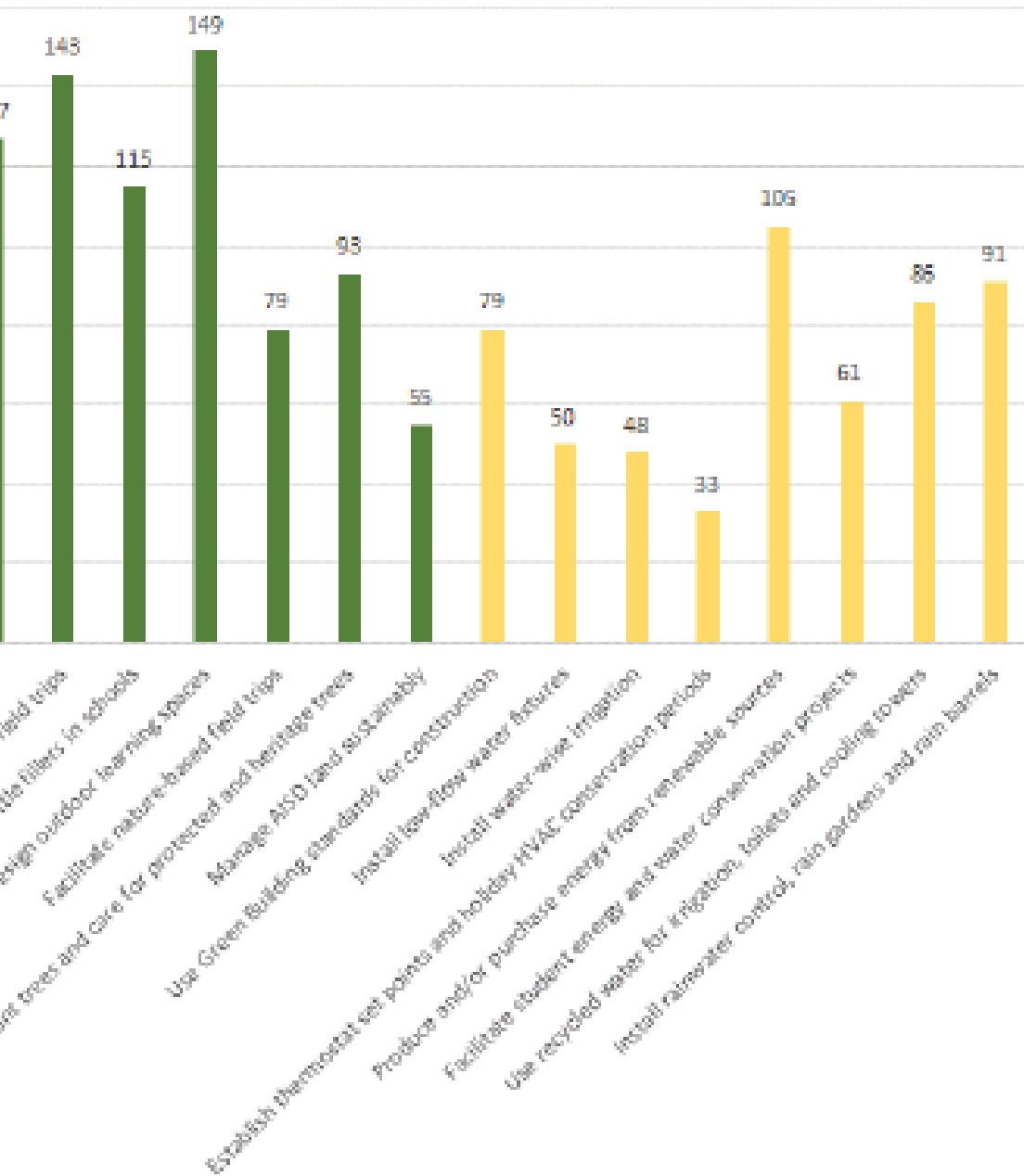
Total Votes

- 587 ■ Transportation & Air Quality
- 684 ■ Zero Waste & Procurement
- 993 ■ Food & Nature
- 553 ■ Energy & Water



Total
Votes

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